

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW004998.D
 Acq On : 29 Aug 2018 12:36
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:42:29 PM

Quant Time: Aug 30 01:31:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	520527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	724055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	764074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	439843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	36952	10.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.76%	
35) Dibromofluoromethane	7.89	113	36201	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	
50) Toluene-d8	10.33	98	192693	9.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.56%	
62) 4-Bromofluorobenzene	12.62	95	71111	9.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	50452	11.219	ug/l	98
3) Chloromethane	2.22	50	66444	10.404	ug/l	97
4) Vinyl Chloride	2.36	62	67288	10.555	ug/l	99
5) Bromomethane	2.77	94	45724	10.973	ug/l	92
6) Chloroethane	2.92	64	39481	10.473	ug/l	95
7) Trichlorofluoromethane	3.26	101	68043	10.323	ug/l	98
8) Diethyl Ether	3.69	74	18583	9.915	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42754	10.509	ug/l	100
10) Methyl Iodide	4.28	142	46280	8.317	ug/l	99
11) Tert butyl alcohol	5.20	59	13569	63.844	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	38017	10.002	ug/l	93
13) Acrolein	3.91	56	14636	48.206	ug/l	96
14) Allyl chloride	4.67	41	55677	9.513	ug/l	99
15) Acrylonitrile	5.39	53	46148	48.284	ug/l	100
16) Acetone	4.14	43	41034	51.103	ug/l	100
17) Carbon Disulfide	4.38	76	157652	9.868	ug/l	98
18) Methyl Acetate	4.68	43	19049	9.794	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	76502	9.366	ug/l	98
20) Methylene Chloride	4.92	84	75915	11.220	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	40968	9.927	ug/l	95
22) Diisopropyl ether	6.32	45	106993	8.955	ug/l	96
23) Vinyl Acetate	6.26	43	276528	45.269	ug/l	100
24) 1,1-Dichloroethane	6.22	63	71544	9.897	ug/l	99
25) 2-Butanone	7.18	43	64058	51.158	ug/l	98
26) 2,2-Dichloropropane	7.17	77	66962	10.553	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	43887	9.775	ug/l	97
28) Bromochloromethane	7.53	49	30903	9.722	ug/l	98
29) Tetrahydrofuran	7.54	42	31347	49.557	ug/l	100
30) Chloroform	7.68	83	72033	10.131	ug/l	98
31) Cyclohexane	7.96	56	74286	9.696	ug/l #	84
32) 1,1,1-Trichloroethane	7.88	97	66586	10.177	ug/l	99
36) 1,1-Dichloropropene	8.09	75	56712	9.244	ug/l	100
37) Ethyl Acetate	7.26	43	22442	10.149	ug/l	99
38) Carbon Tetrachloride	8.07	117	60164	10.133	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74120	8.764	ug/l	99
40) Benzene	8.33	78	186626	9.503	ug/l	99
41) Methacrylonitrile	7.49	41	14356	11.140	ug/l	87
42) 1,2-Dichloroethane	8.41	62	44751	10.241	ug/l	99
43) Isopropyl Acetate	8.43	43	41463	9.423	ug/l	98
44) Trichloroethene	9.10	130	48142	9.598	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43208	9.617	ug/l	100
46) Dibromomethane	9.46	93	21439	10.082	ug/l	99
47) Bromodichloromethane	9.65	83	51944	9.886	ug/l	99
48) Methyl methacrylate	9.45	41	20202	8.647	ug/l #	89
49) 1,4-Dioxane	9.48	88	8337	188.921	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	157169	47.692	ug/l	99
52) Toluene	10.40	92	140368	9.634	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	49622	8.843	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	60551	9.253	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33142	9.522	ug/l	97
56) Ethyl methacrylate	10.65	69	40807	8.938	ug/l	97
57) 1,3-Dichloropropane	10.94	76	55111	9.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	86489	43.971	ug/l	100
59) 2-Hexanone	10.98	43	114788	48.108	ug/l	97
60) Dibromochloromethane	11.13	129	35626	9.326	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31135	9.541	ug/l	98
64) Tetrachloroethene	10.87	164	54159	9.722	ug/l	96
65) Chlorobenzene	11.66	112	163075	9.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43044	9.336	ug/l	99
67) Ethyl Benzene	11.74	91	266886	9.285	ug/l	100
68) m/p-Xylenes	11.85	106	218837	18.666	ug/l	98
69) o-Xylene	12.17	106	95540	8.918	ug/l	96
70) Styrene	12.19	104	159603	8.981	ug/l	99
71) Bromoform	12.35	173	23976	9.352	ug/l #	97
73) Isopropylbenzene	12.47	105	260539	8.886	ug/l	100
74) N-amyl acetate	12.28	43	49798	9.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43104	9.709	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29232m	5.324	ug/l	
77) Bromobenzene	12.76	156	67630	9.401	ug/l	99
78) n-propylbenzene	12.81	91	320905	8.873	ug/l	100
79) 2-Chlorotoluene	12.90	91	191780	9.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	229592	8.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12615	9.152	ug/l	96
82) 4-Chlorotoluene	12.99	91	208736	9.379	ug/l	99
83) tert-Butylbenzene	13.21	119	193714	8.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	233277	8.875	ug/l	100
85) sec-Butylbenzene	13.39	105	287941	9.015	ug/l	99
86) p-Isopropyltoluene	13.51	119	252858	8.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	145459	9.538	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	145544	9.634	ug/l	97
89) n-Butylbenzene	13.84	91	232613	8.660	ug/l	99
90) Hexachloroethane	14.10	117	41244	9.169	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	129080	9.615	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7470	9.743	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84306	8.964	ug/l	100
94) Hexachlorobutadiene	15.24	225	55893	9.494	ug/l	98
95) Naphthalene	15.38	128	129888	8.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75698	9.111	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

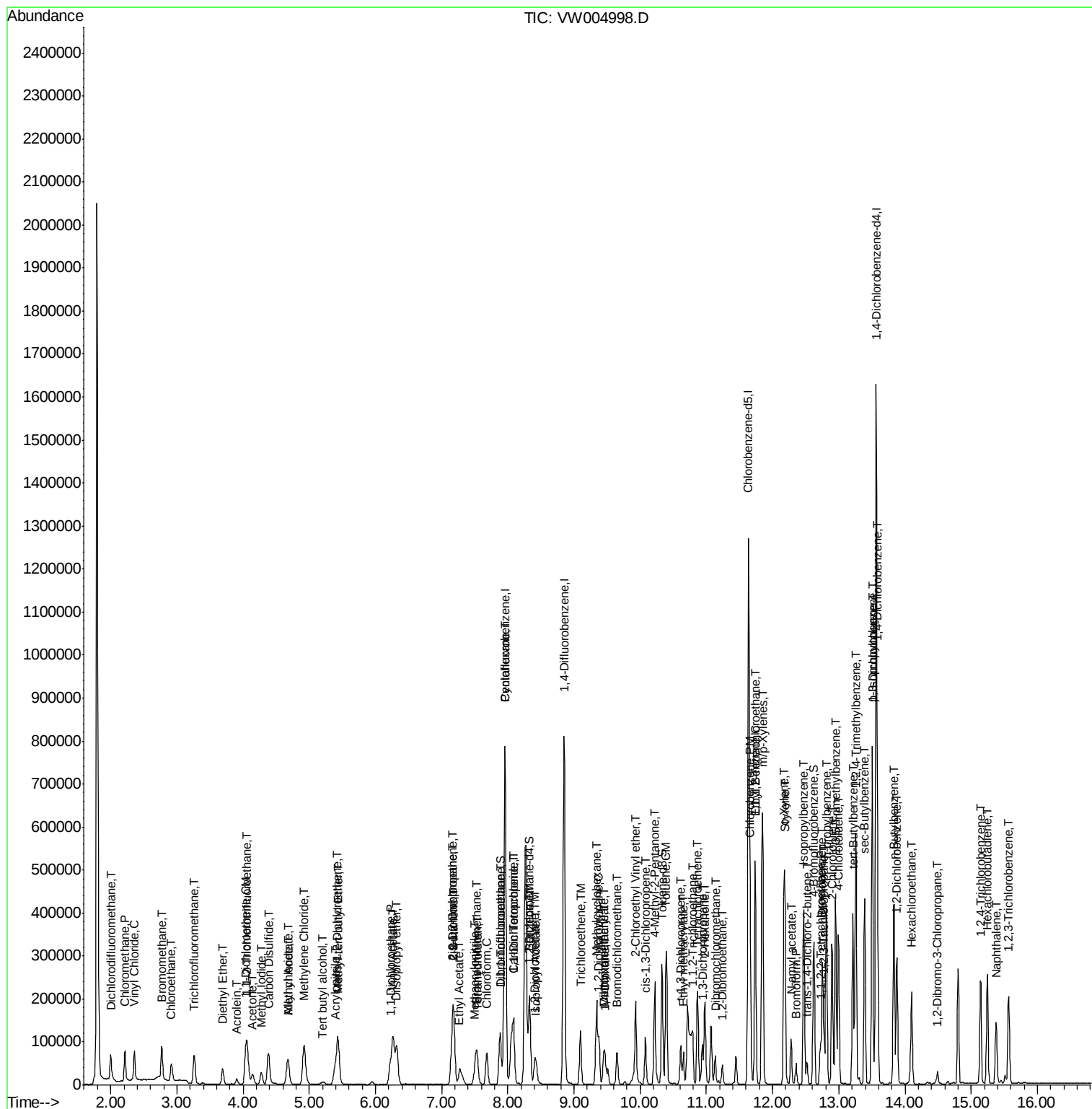
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
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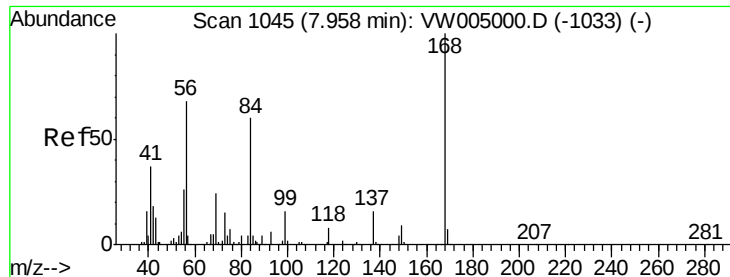
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 520527

Ion Ratio Lower Upper

168 100

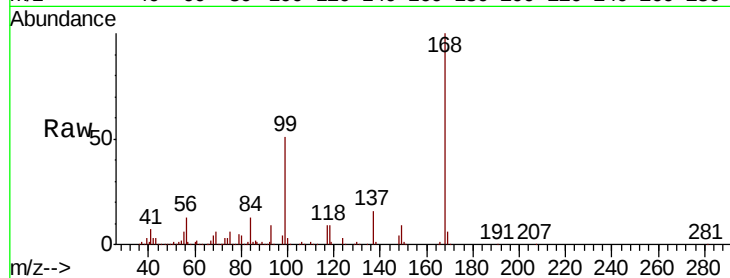
99 50.2 40.2 60.2

Manual Integrations

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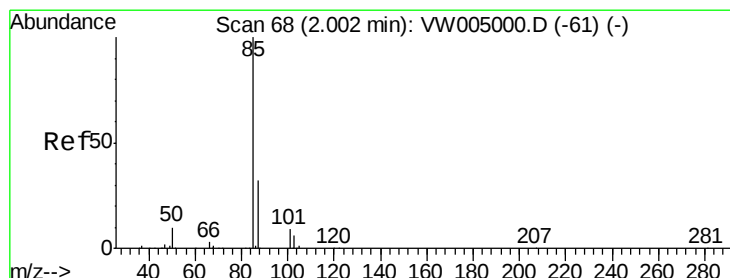
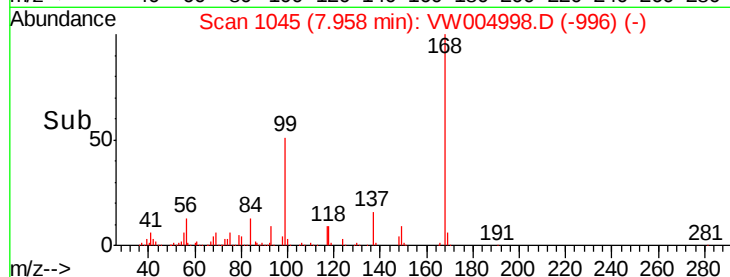
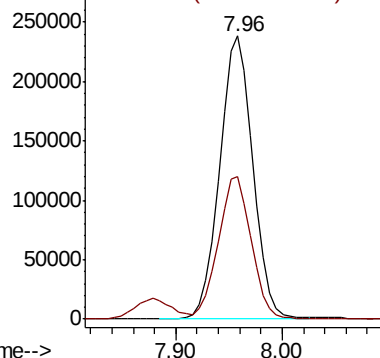
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 11.219 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004998.D

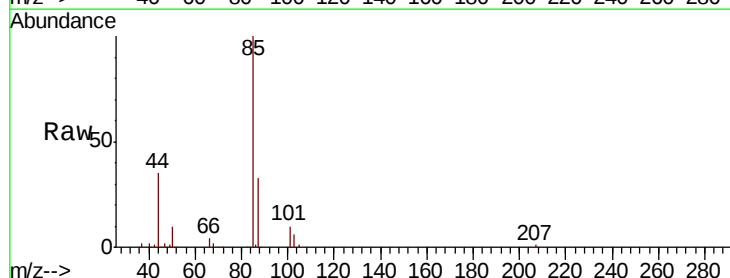
Acq: 29 Aug 2018 12:36

Tgt Ion: 85 Resp: 50452

Ion Ratio Lower Upper

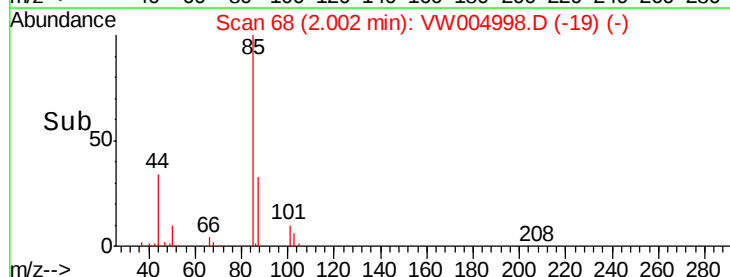
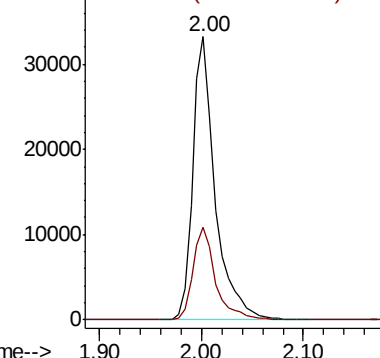
85 100

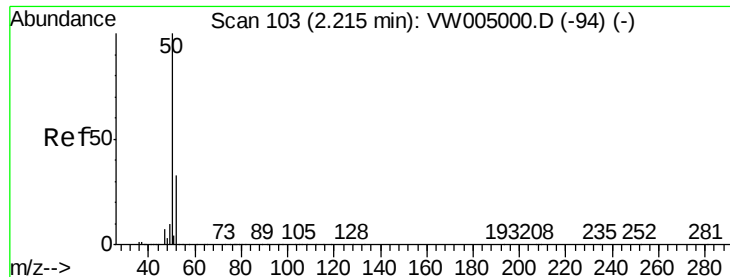
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.404 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 66444

Ion Ratio Lower Upper

50 100

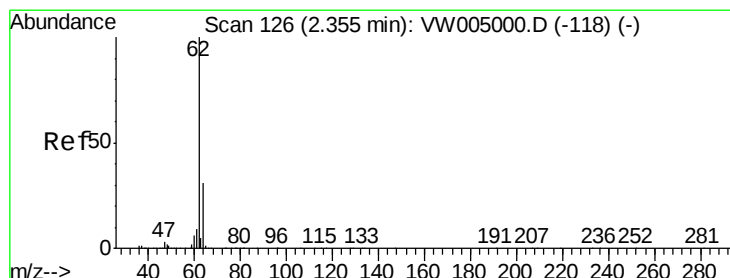
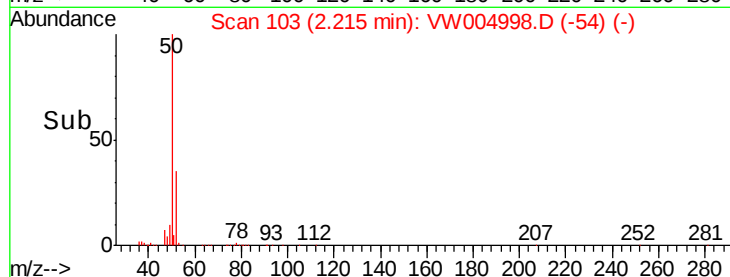
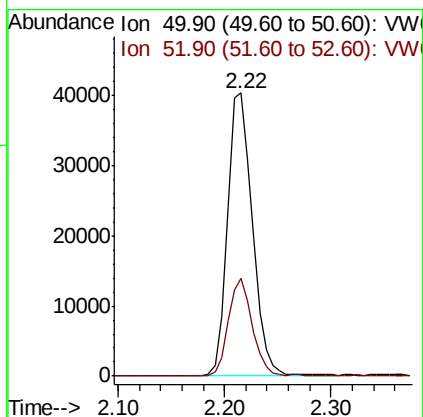
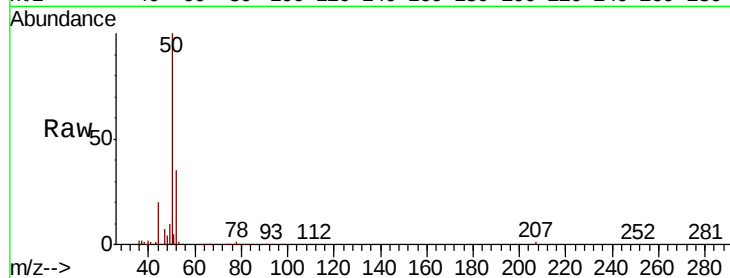
52 34.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 10.555 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004998.D

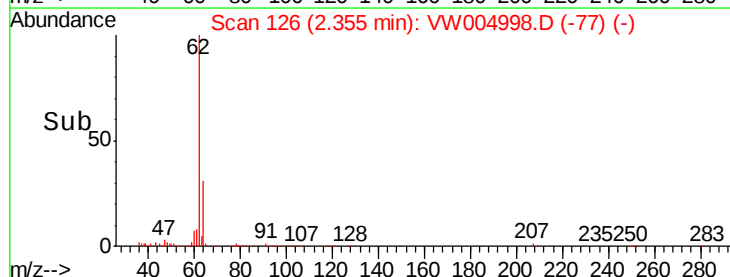
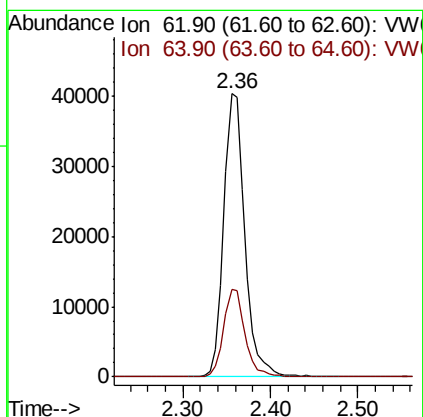
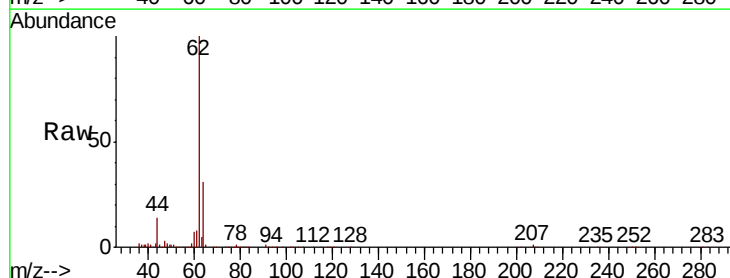
Acq: 29 Aug 2018 12:36

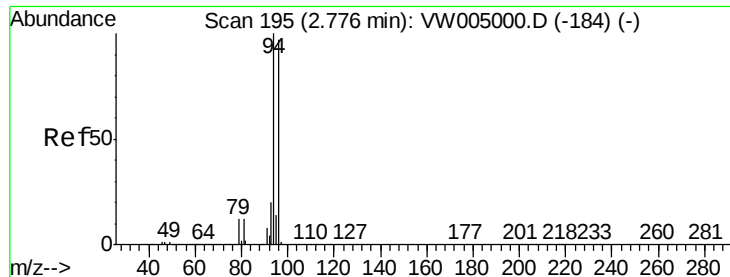
Tgt Ion: 62 Resp: 67288

Ion Ratio Lower Upper

62 100

64 30.5 24.8 37.2





#5

Bromomethane

Concen: 10.973 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

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Tot Ion: 94 Resp: 45724

Ion Ratio Lower Upper

94 100

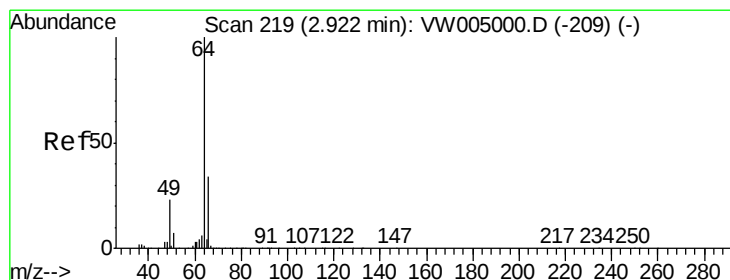
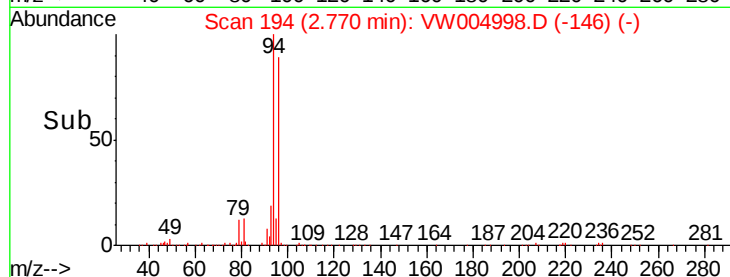
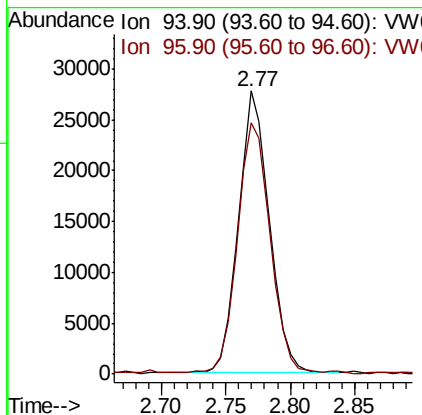
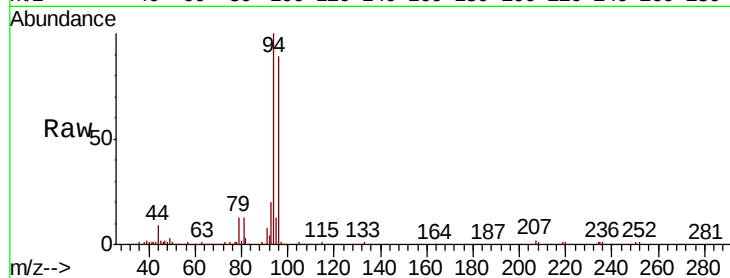
96 88.9 77.5 116.3

Manual Integrations

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#6

Chloroethane

Concen: 10.473 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004998.D

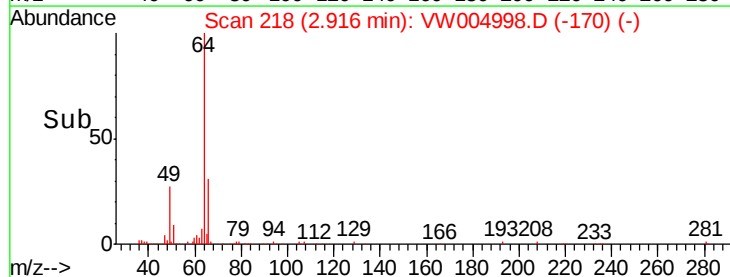
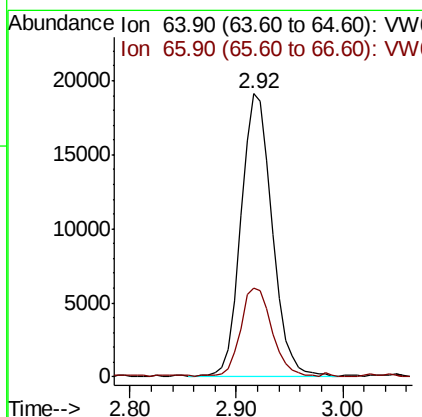
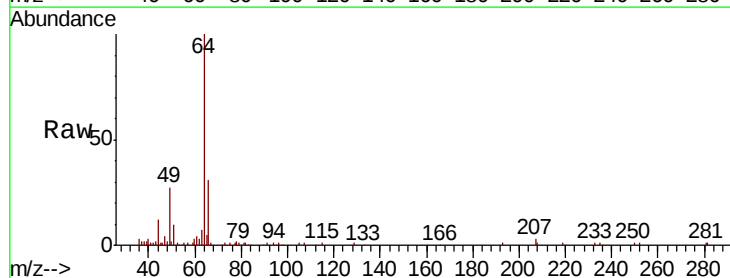
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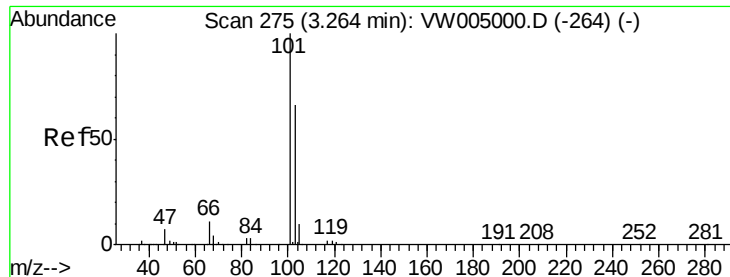
Tgt Ion: 64 Resp: 39481

Ion Ratio Lower Upper

64 100

66 30.9 26.8 40.2





#7

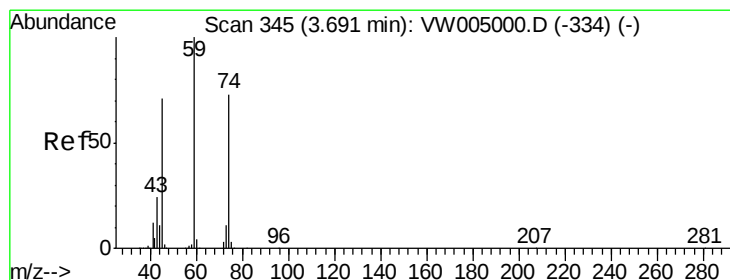
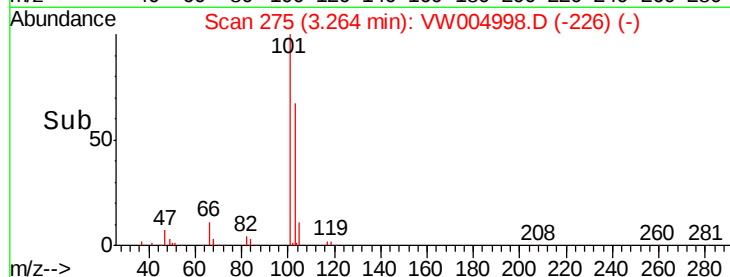
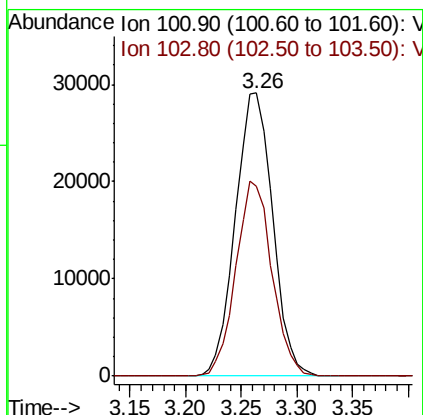
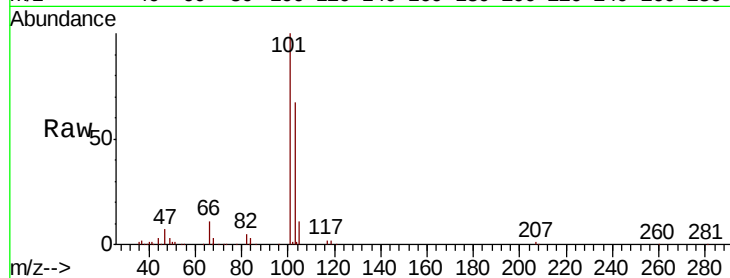
Trichlorofluoromethane
 Concen: 10.323 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	52.6	78.8

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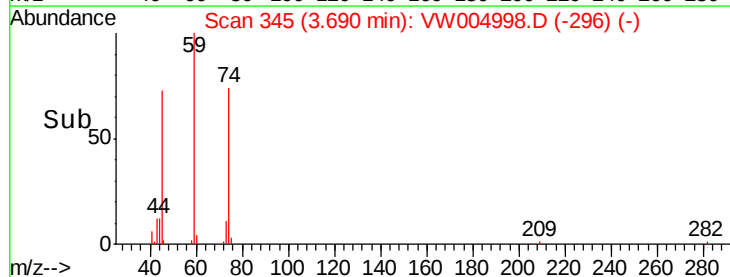
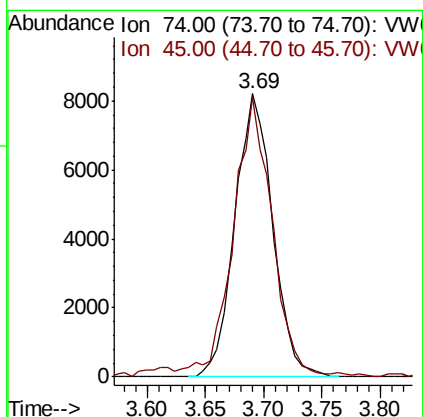
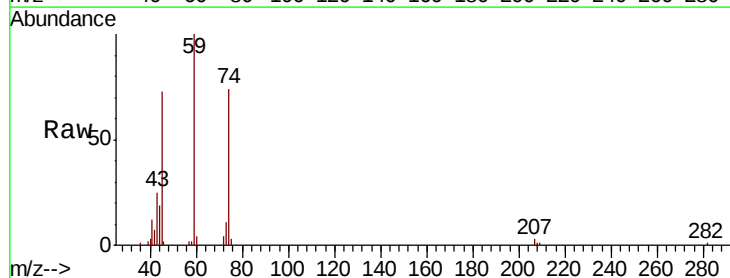
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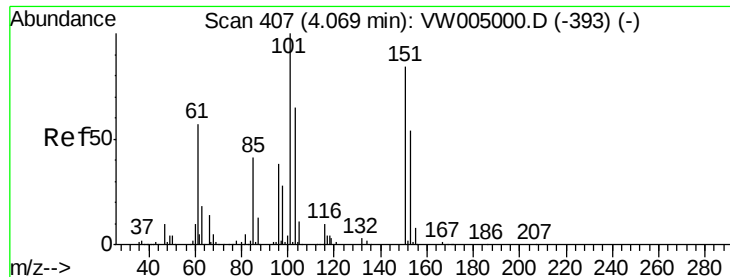


#8

Diethyl Ether
 Concen: 9.915 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	47.8	143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.509 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

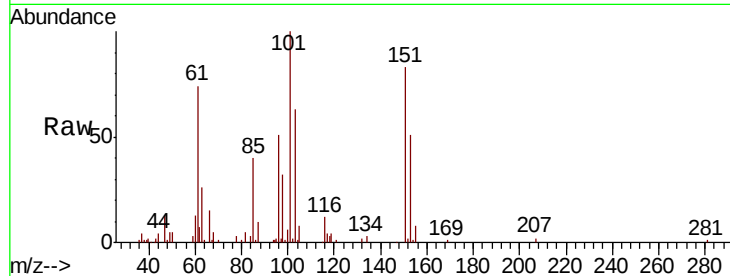
ClientSampleId :

VSTDIC010

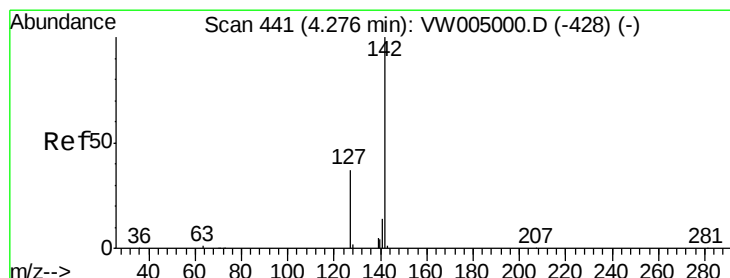
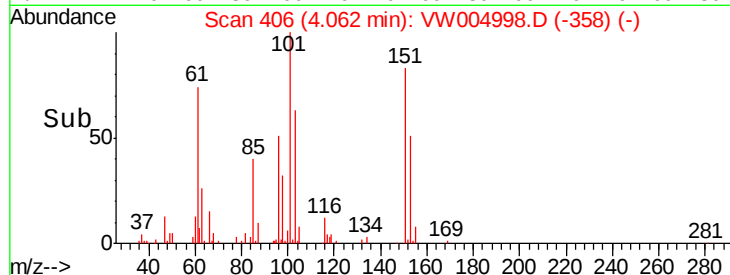
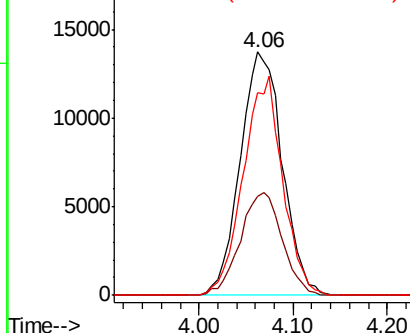
Tot Ion:	101	Resp:	42754
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.4	50.0
151	84.0	67.0	100.4

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.317 ug/l

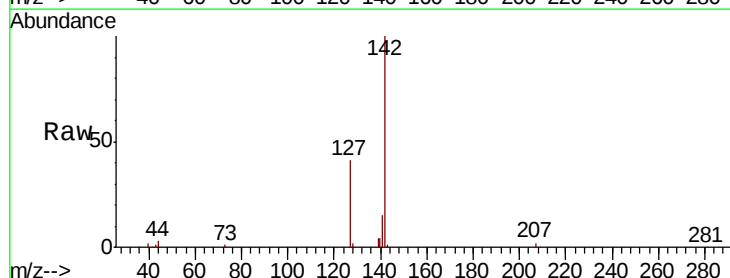
RT: 4.28 min Scan# 441

Delta R.T. -0.00 min

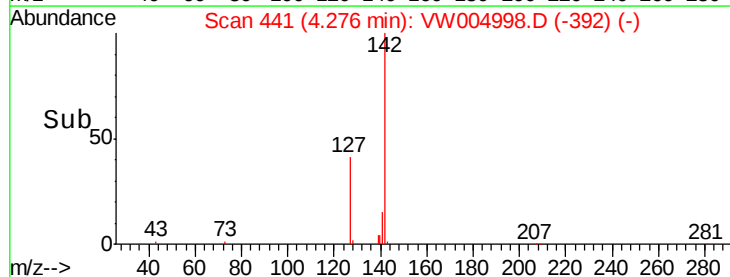
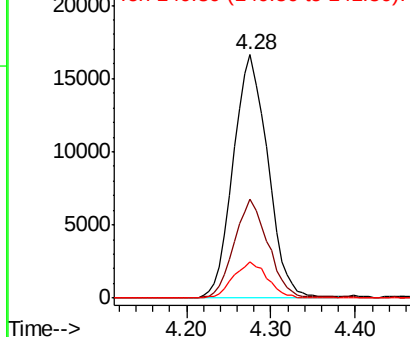
Lab File: VW004998.D

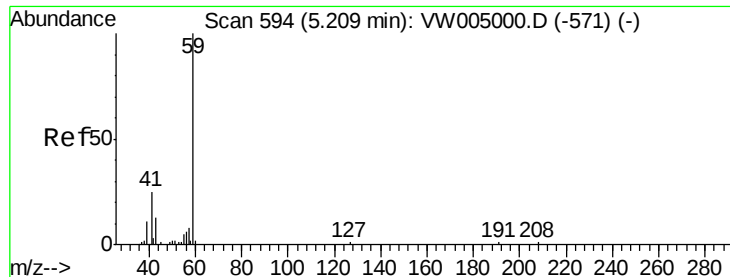
Acq: 29 Aug 2018 12:36

Tgt Ion:	142	Resp:	46280
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	14.6	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

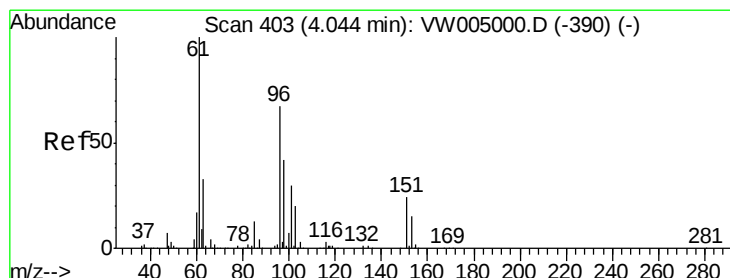
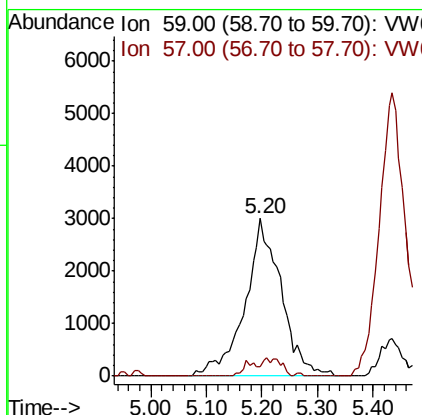
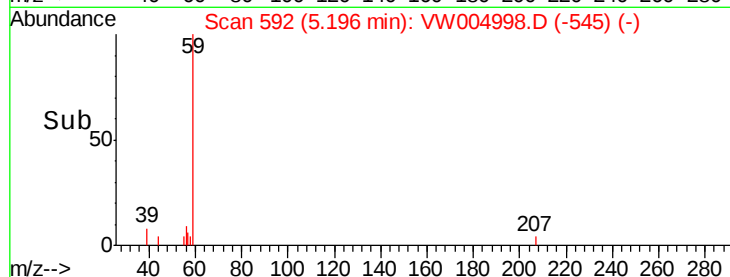
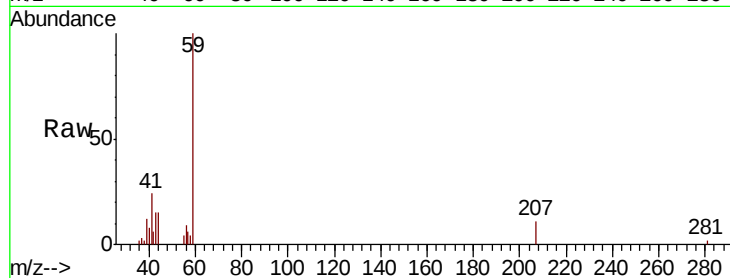
Tert butyl alcohol
Concen: 63.844 ug/l
RT: 5.20 min Scan# 592
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

Manual Integrations
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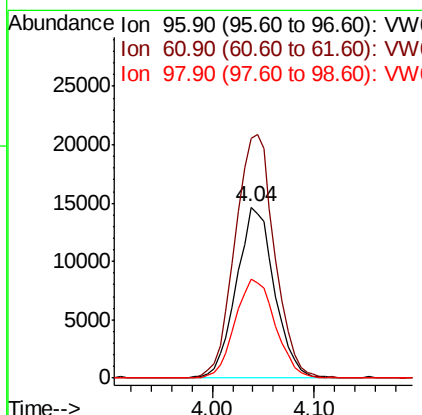
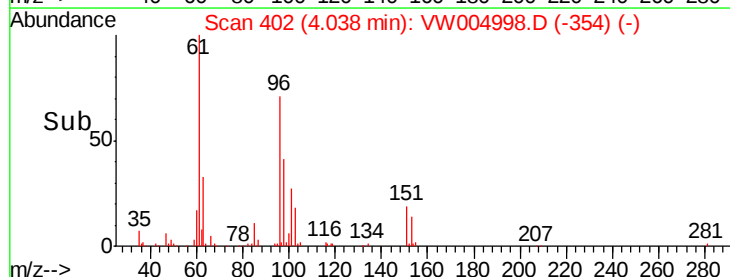
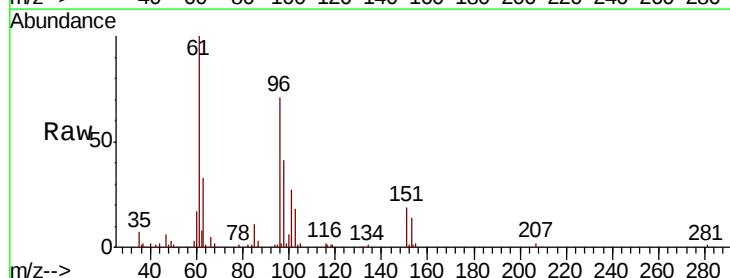
apatel
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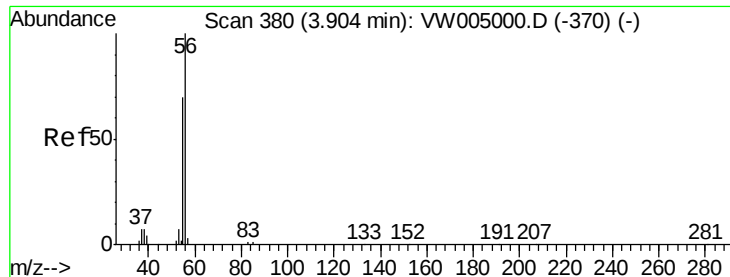


#12

1,1-Dichloroethene
Concen: 10.002 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.3	119.5	179.3
98	58.2	50.4	75.6





#13

Acrolein

Concen: 48.206 ug/l

RT: 3.91 min Scan# 381

Delta R.T. 0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 14636

Ion Ratio Lower Upper

56 100

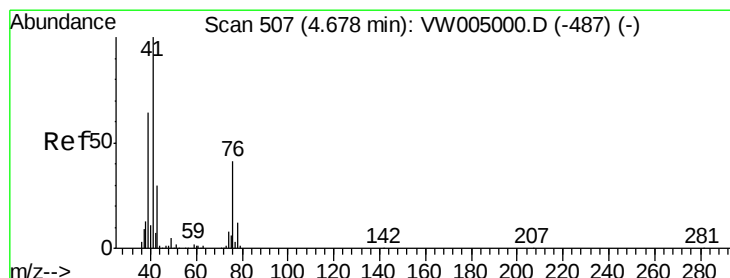
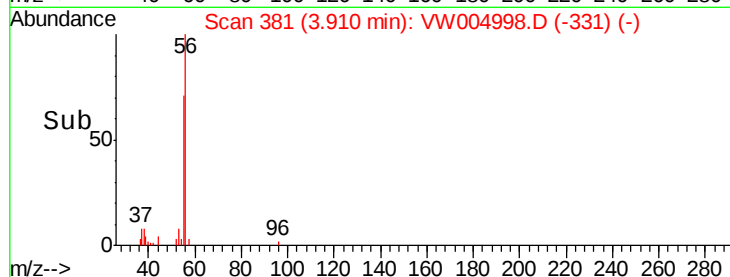
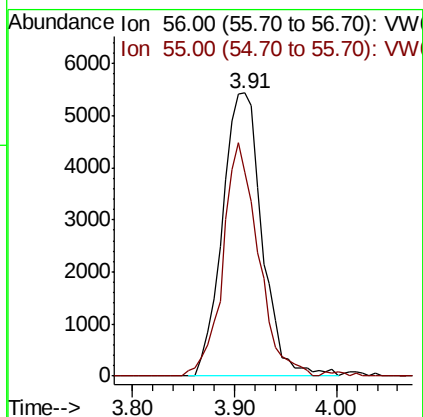
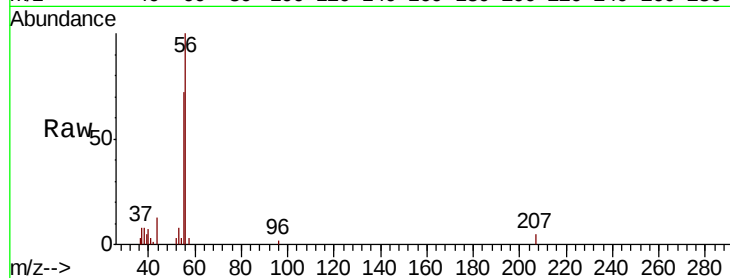
55 73.6 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 9.513 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

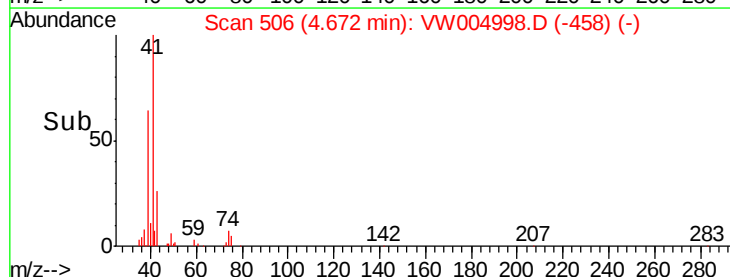
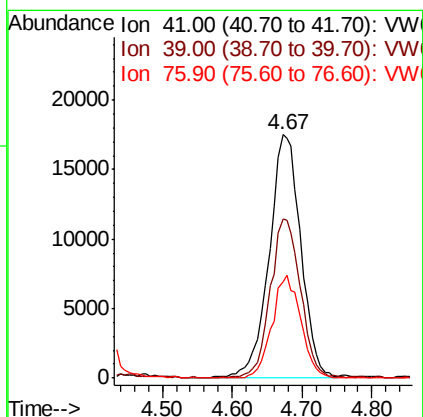
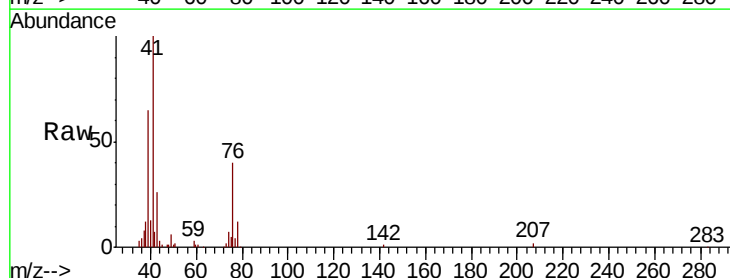
Tgt Ion: 41 Resp: 55677

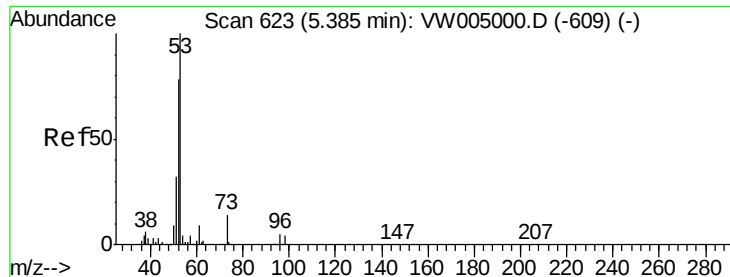
Ion Ratio Lower Upper

41 100

39 62.6 49.4 74.2

76 38.0 31.4 47.2





#15

Acrylonitrile

Concen: 48.284 ug/l

RT: 5.39 min Scan# 623

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

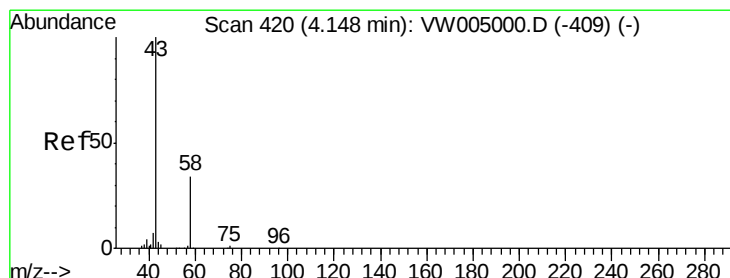
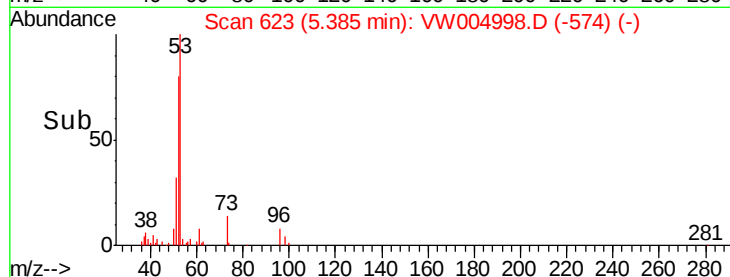
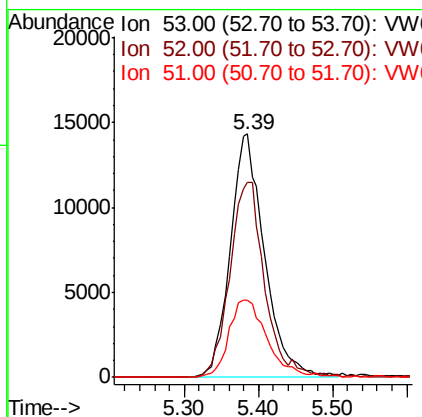
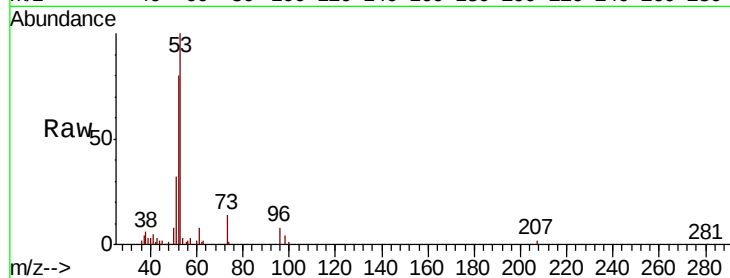
ClientSampled :

VSTDIC010

Tot Ion:	53	Resp:	46148
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.0	97.6
51	35.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 51.103 ug/l

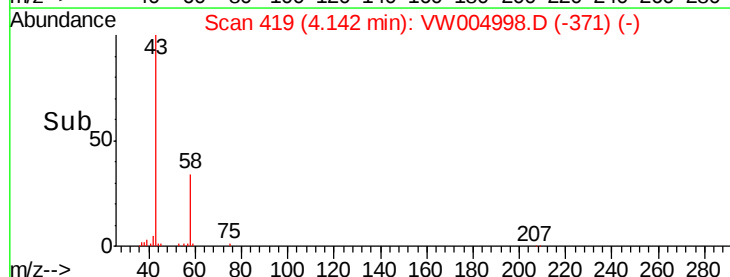
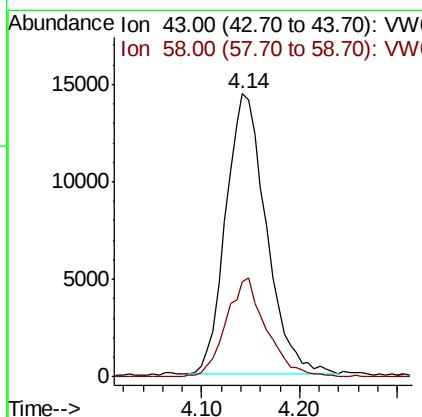
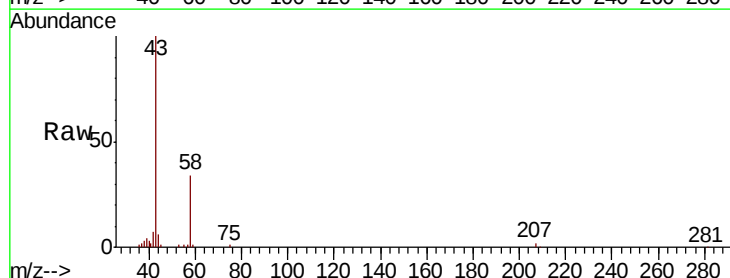
RT: 4.14 min Scan# 419

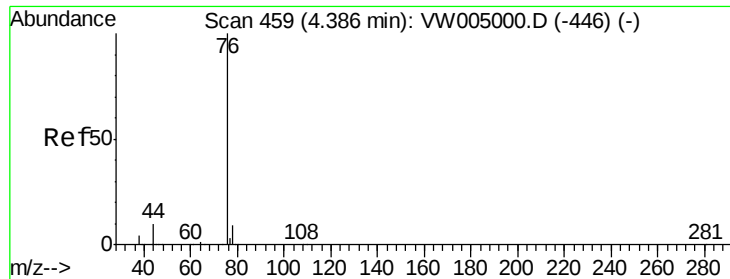
Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion:	43	Resp:	41034
Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.2	40.8





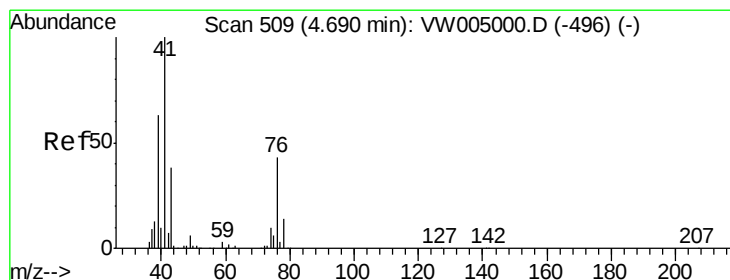
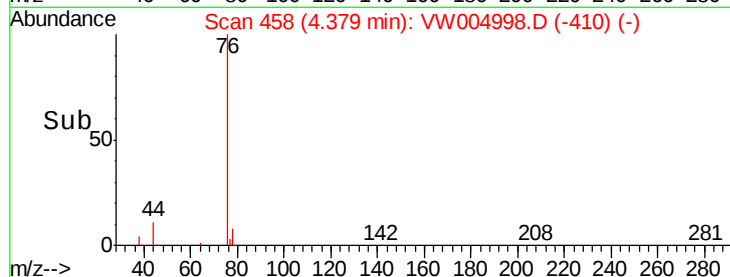
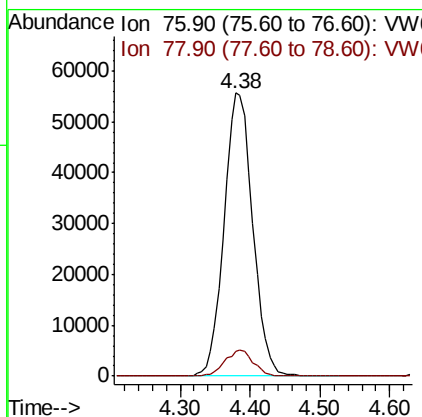
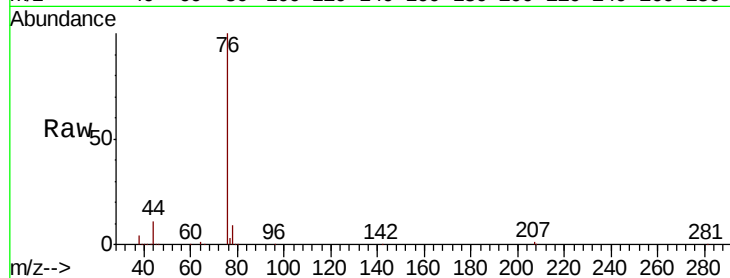
#17
Carbon Disulfide
Concen: 9.868 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

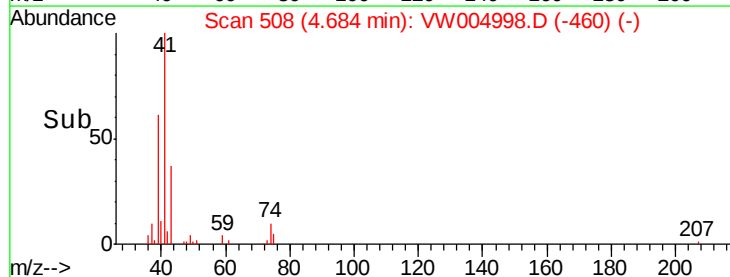
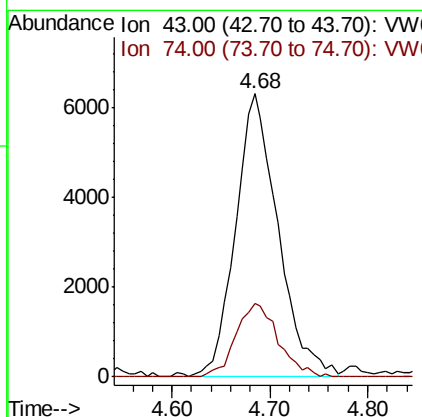
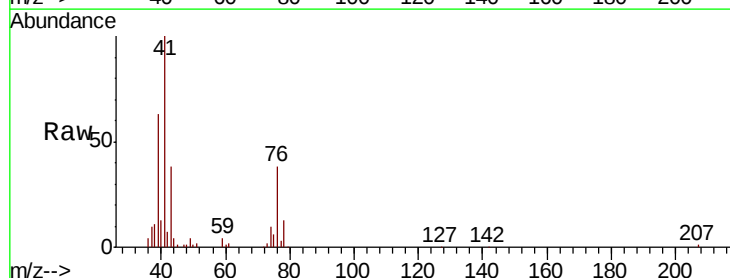
Manual Integrations
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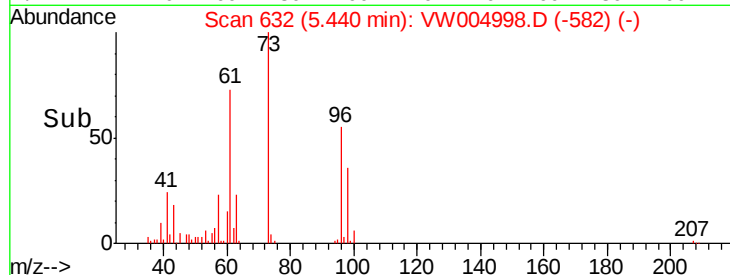
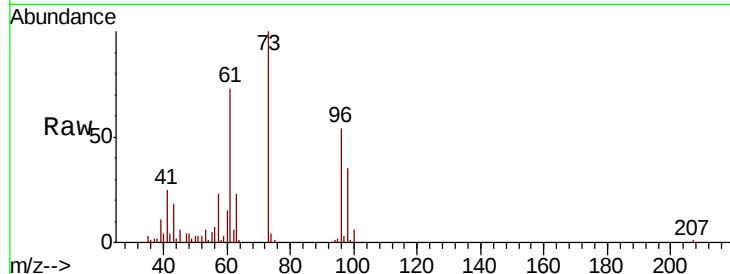
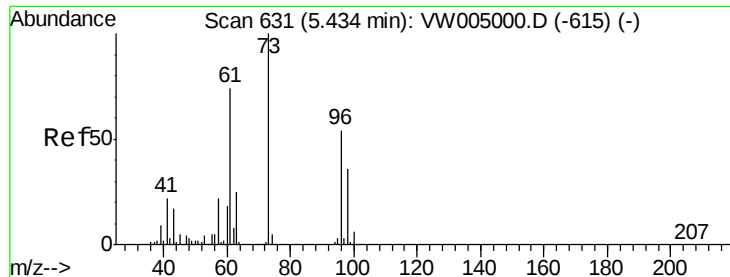
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#18
Methyl Acetate
Concen: 9.794 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.3	30.5





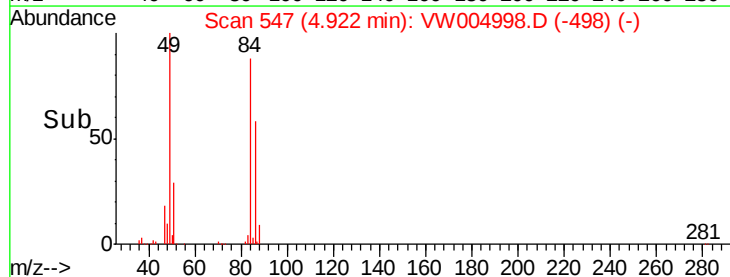
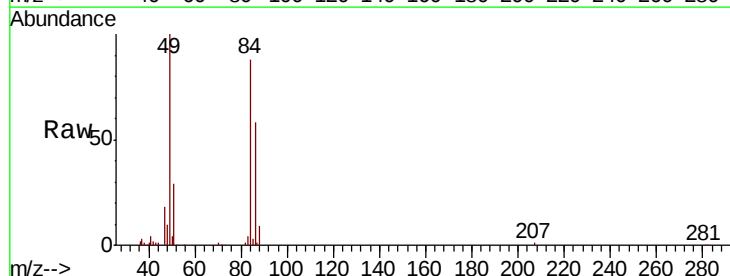
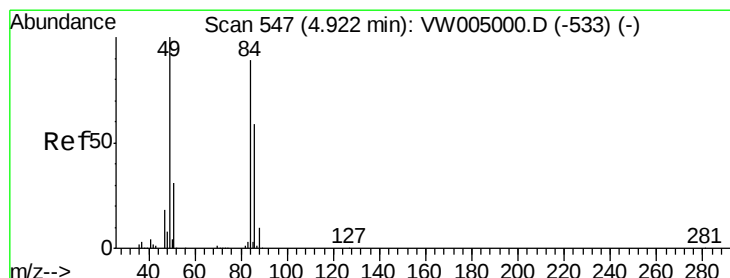
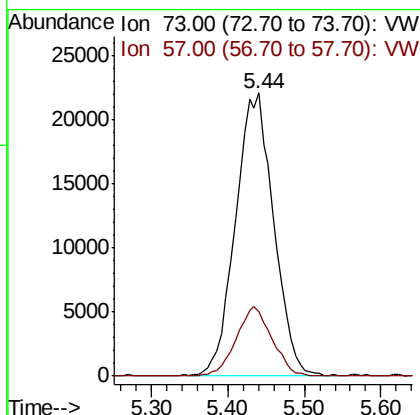
#19
Methyl tert-butyl Ether
Concen: 9.366 ug/l
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tot Ion: 73 Resp: 76502
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

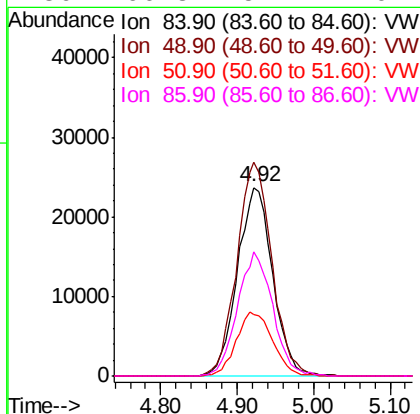
Manual Integrations
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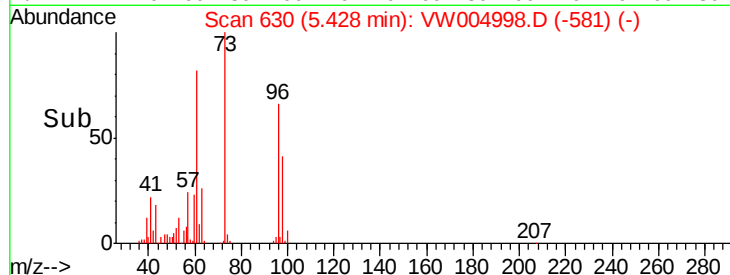
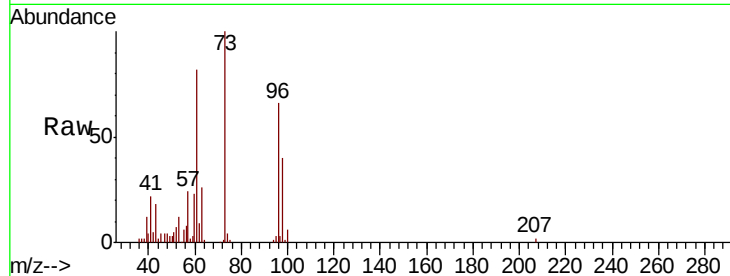
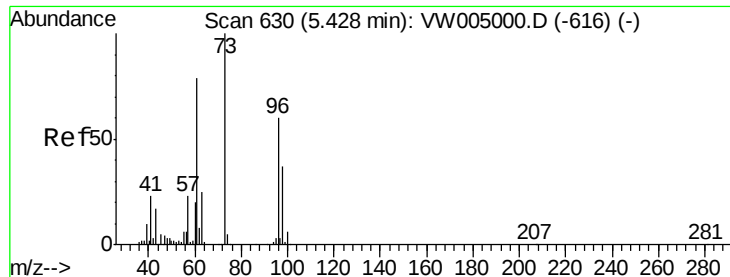
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#20
Methylene Chloride
Concen: 11.220 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 84 Resp: 75915
Ion Ratio Lower Upper
84 100
49 113.5 89.7 134.5
51 32.6 27.5 41.3
86 66.3 52.7 79.1





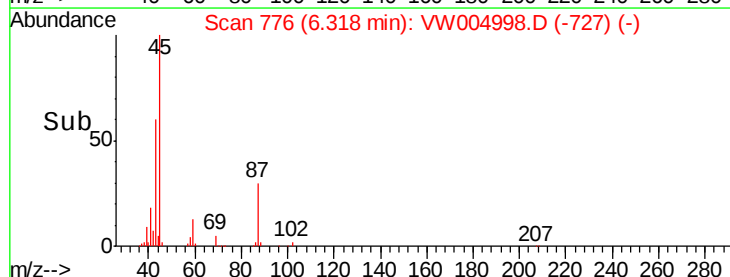
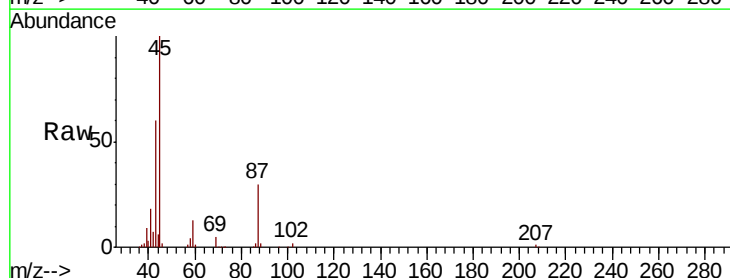
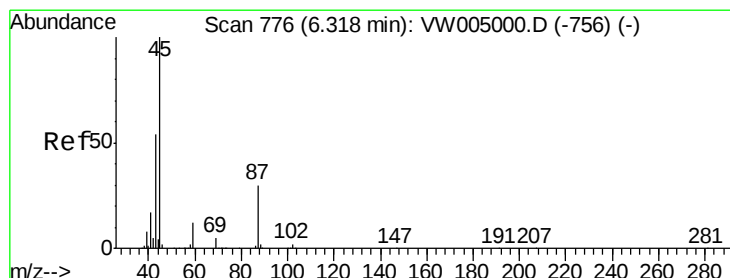
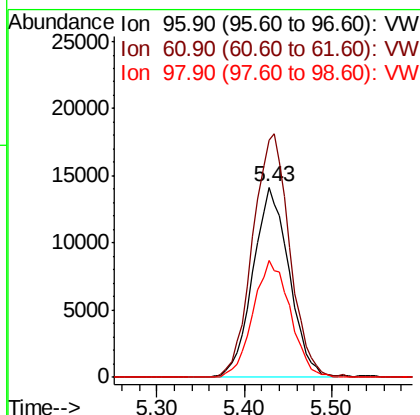
#21
trans-1,2-Dichloroethene
Concen: 9.927 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	106.2	159.2
98	61.3	49.5	74.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

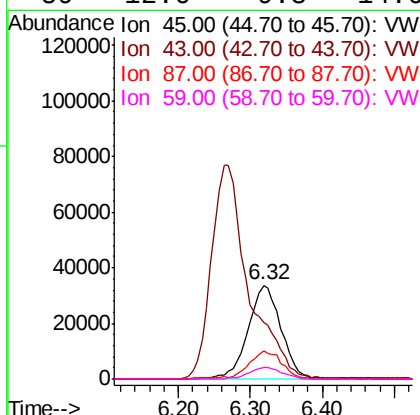
Manual Integrations
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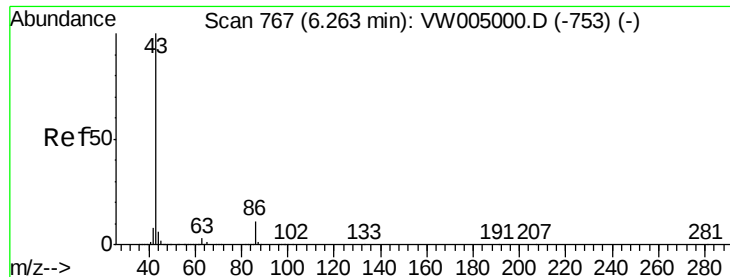
apatel
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#22
Diisopropyl ether
Concen: 8.955 ug/l
RT: 6.32 min Scan# 776
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	43.5	65.3
87	29.7	23.8	35.8
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 45.269 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tot Ion: 43 Resp: 276528

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.6

Instrument :

MSVOA_W

ClientSampled :

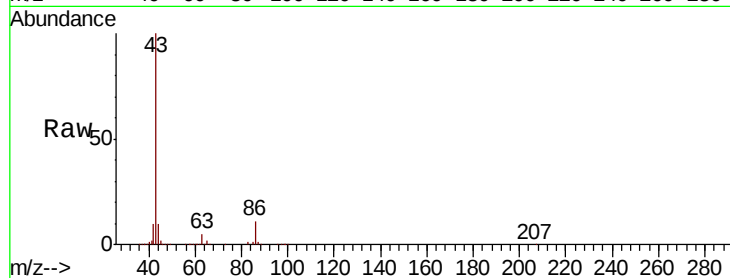
VSTDIC010

Manual Integrations

APPROVED

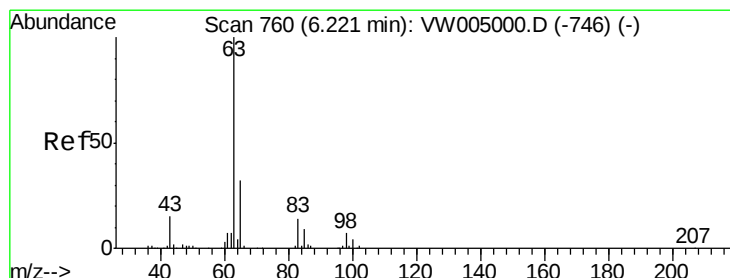
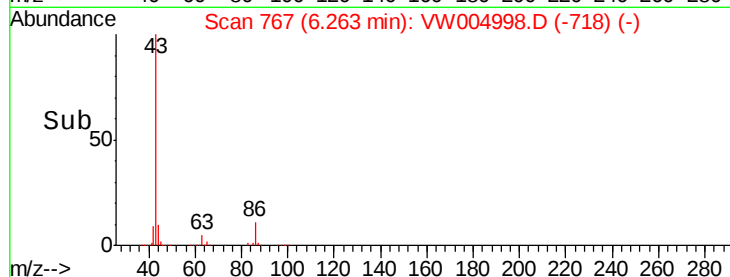
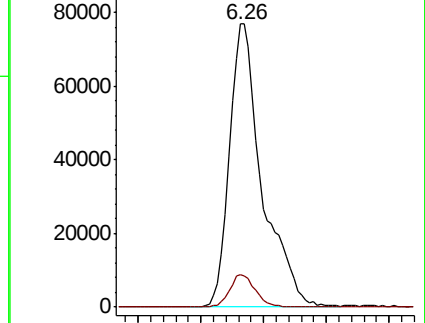
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 9.897 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

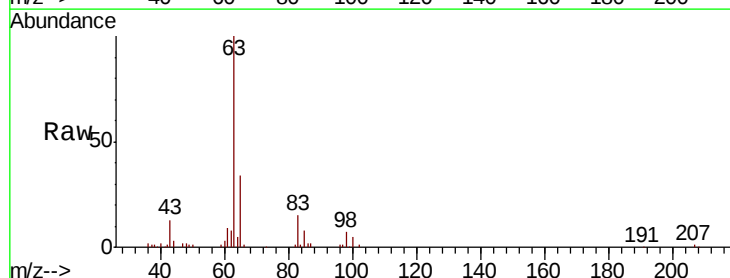
Tgt Ion: 63 Resp: 71544

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

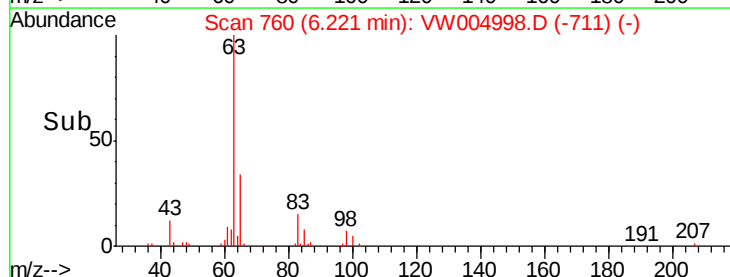
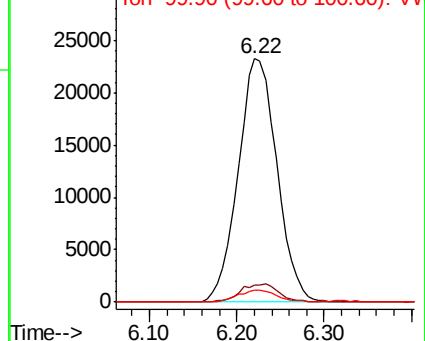
100 4.8 2.2 6.6

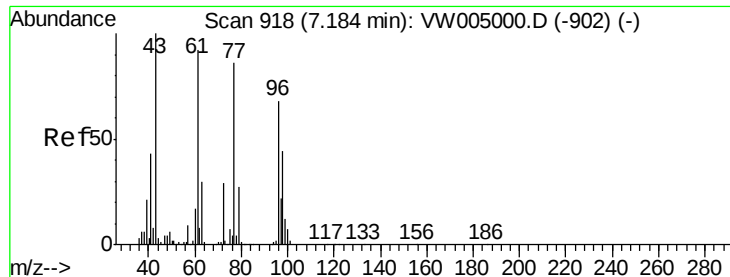


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 51.158 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 64058

Ion Ratio Lower Upper

43 100

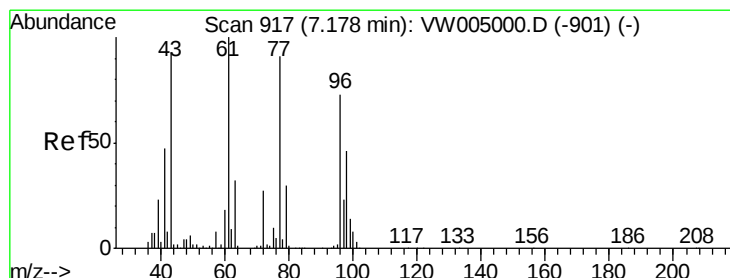
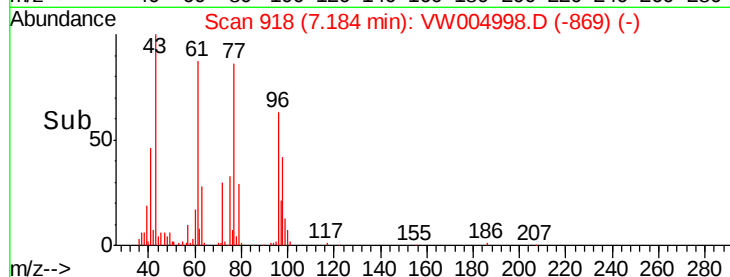
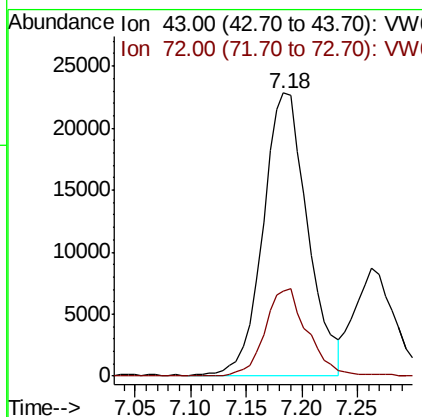
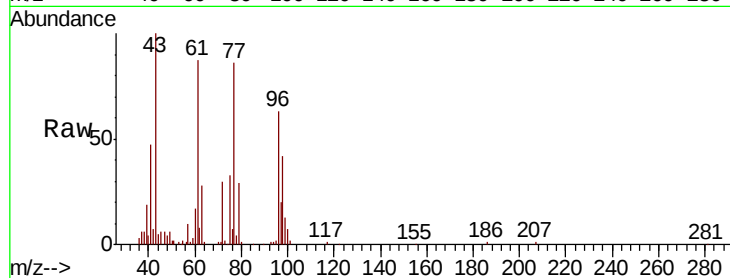
72 30.2 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.553 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004998.D

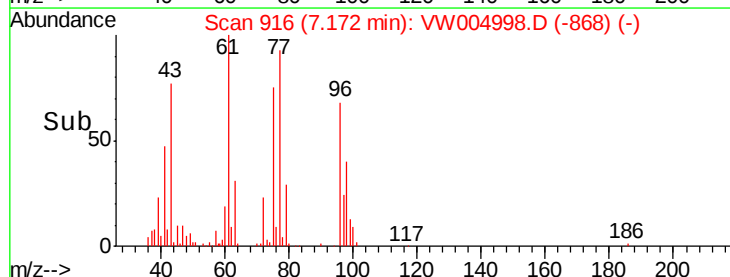
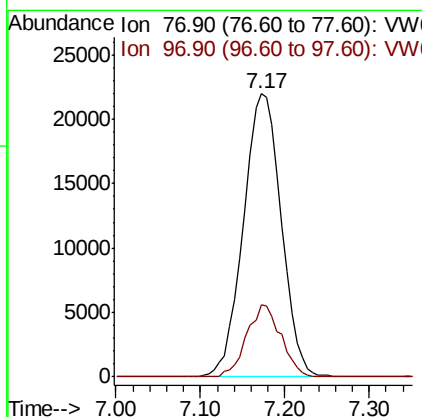
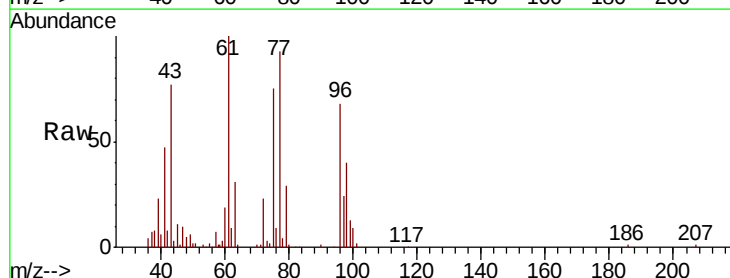
Acq: 29 Aug 2018 12:36

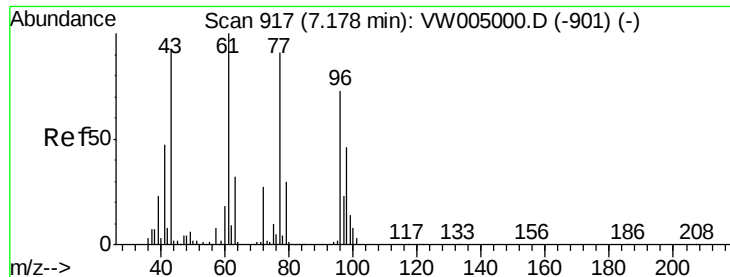
Tgt Ion: 77 Resp: 66962

Ion Ratio Lower Upper

77 100

97 23.0 12.2 36.4





#27

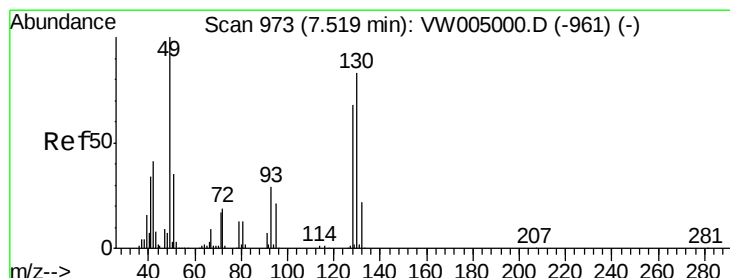
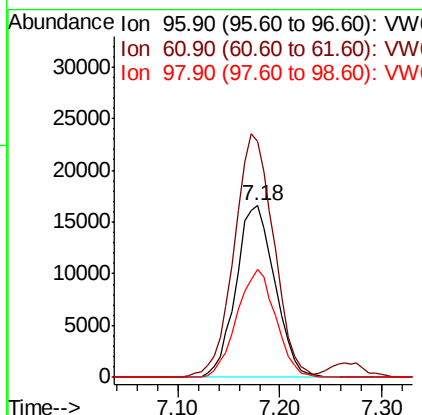
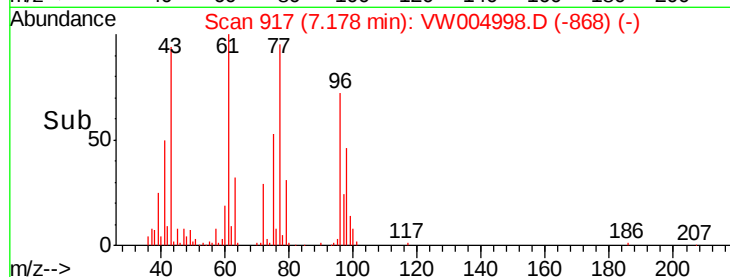
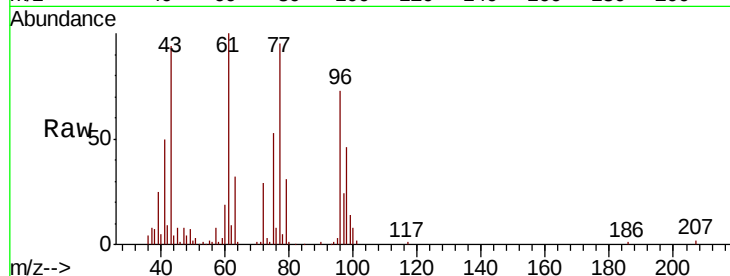
cis-1,2-Dichloroethene
Concen: 9.775 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	43887		
61	144.3		0.0	281.6
98	62.4		0.0	129.0

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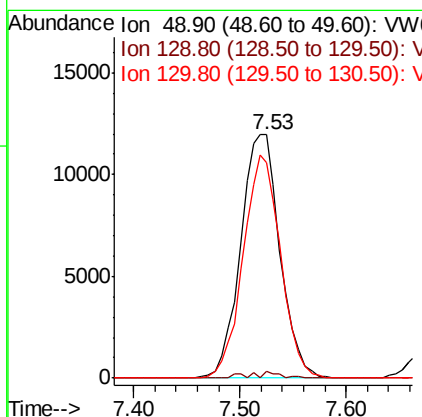
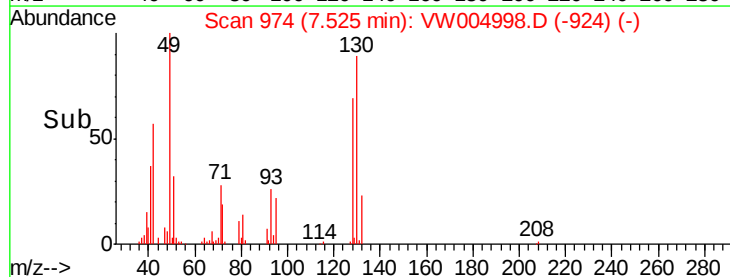
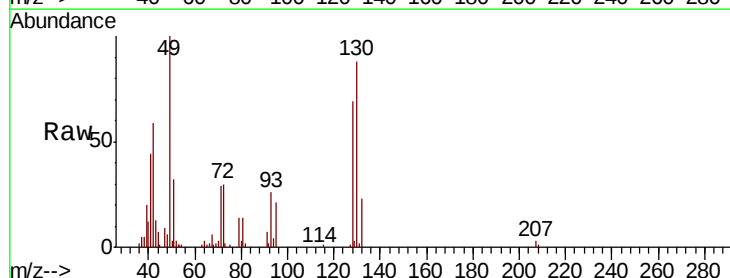
apatel
8/30/2018 12:42:29 PM

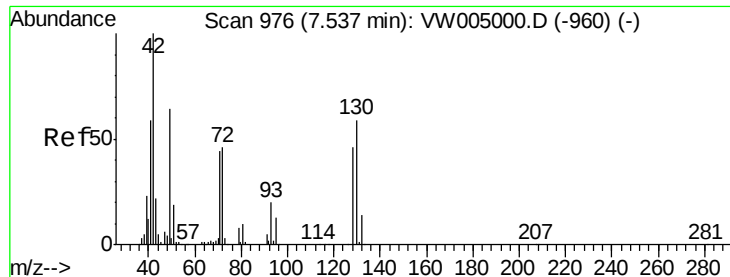


#28

Bromochloromethane
Concen: 9.722 ug/l
RT: 7.53 min Scan# 974
Delta R.T. 0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30903		
129	1.4		0.0	4.2
130	87.2		68.2	102.2





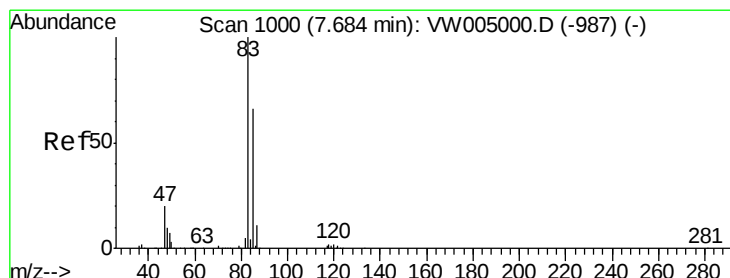
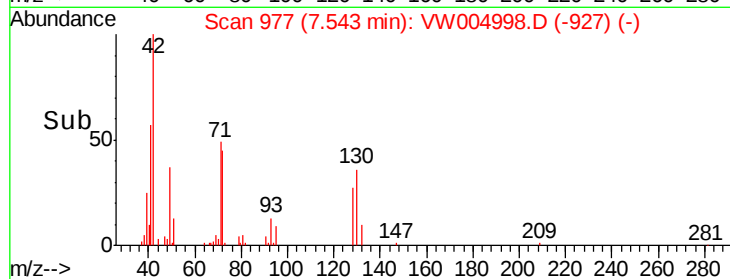
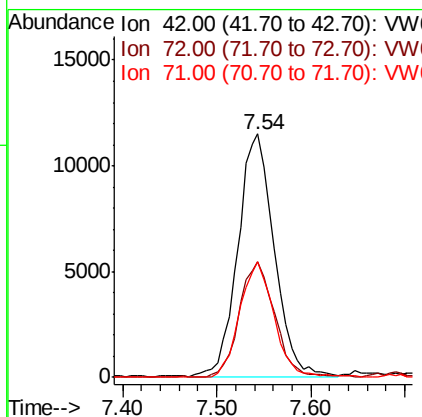
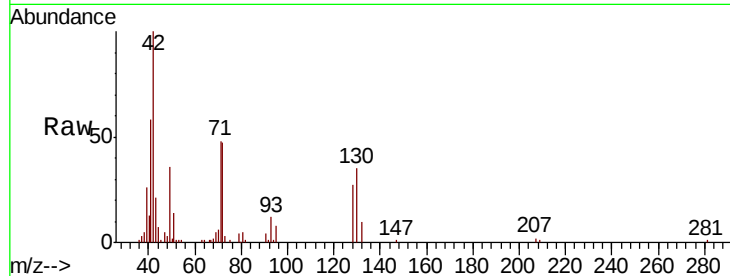
#29
Tetrahydrofuran
Concen: 49.557 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	31347
Ion Ratio		Lower	Upper
42	100		
72	46.0	36.6	55.0
71	44.7	35.4	53.2

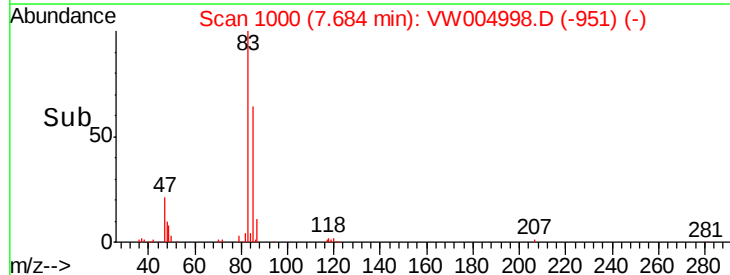
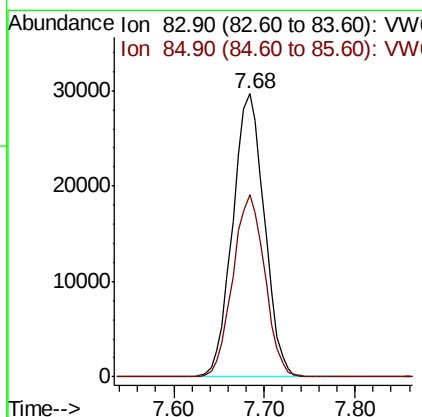
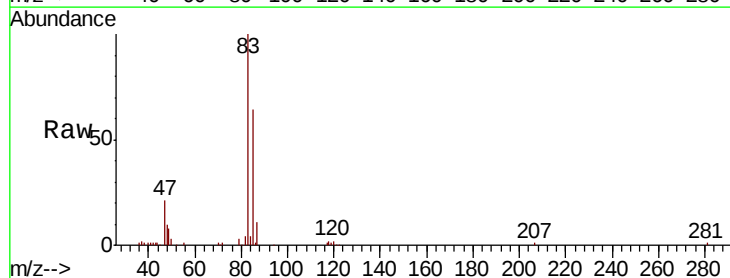
Manual Integrations
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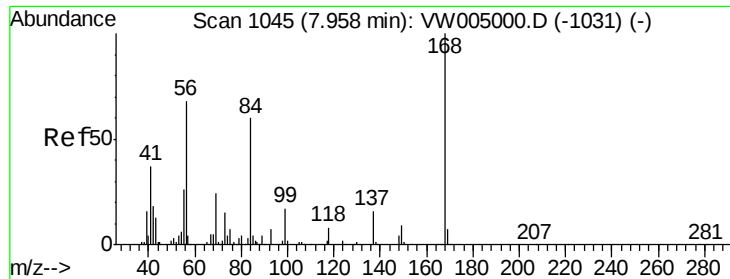
apatel
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#30
Chloroform
Concen: 10.131 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion:	83	Resp:	72033
Ion Ratio		Lower	Upper
83	100		
85	64.3	52.6	78.8





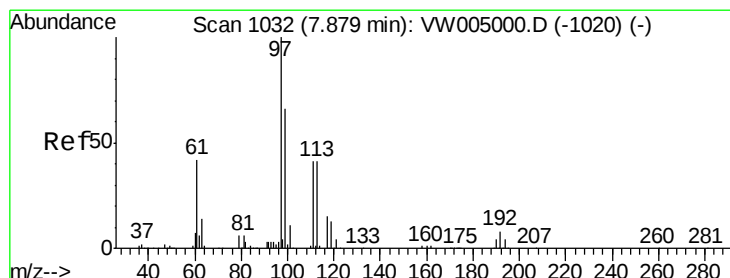
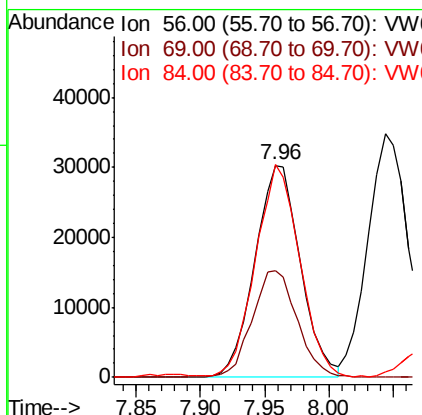
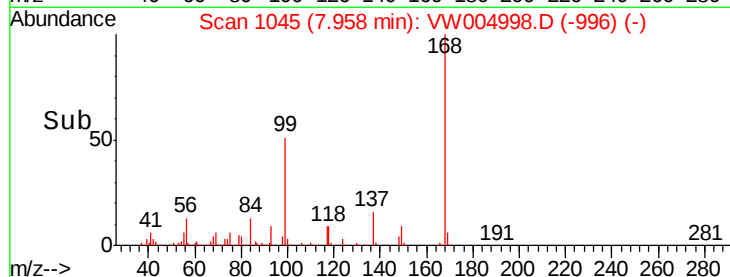
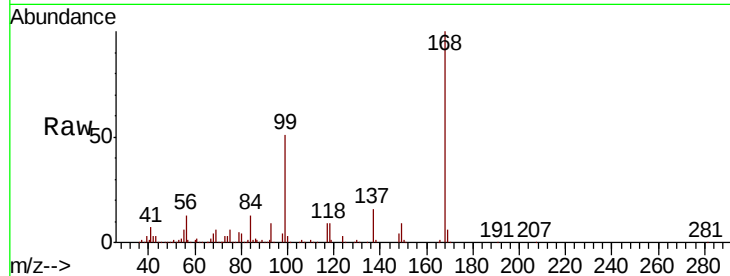
#31
Cyclohexane
Concen: 9.696 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	50.4	27.9	41.9#	
84	99.4	70.5	105.7	

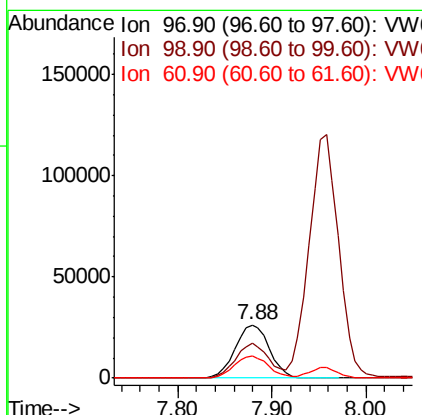
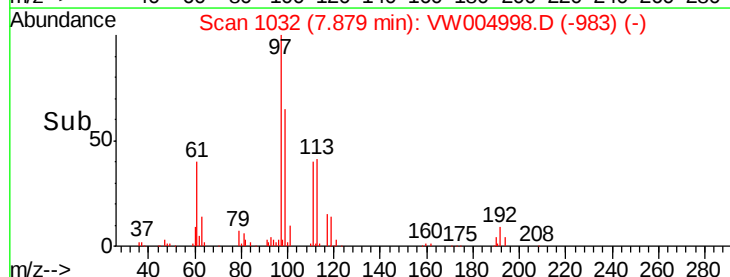
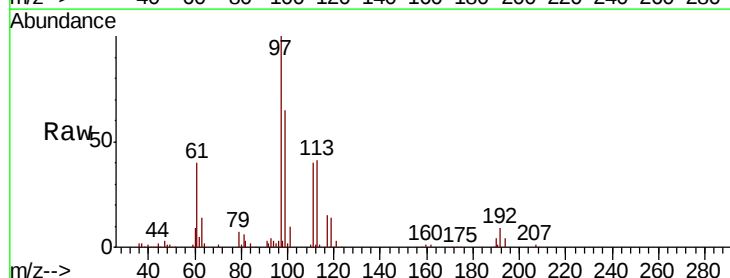
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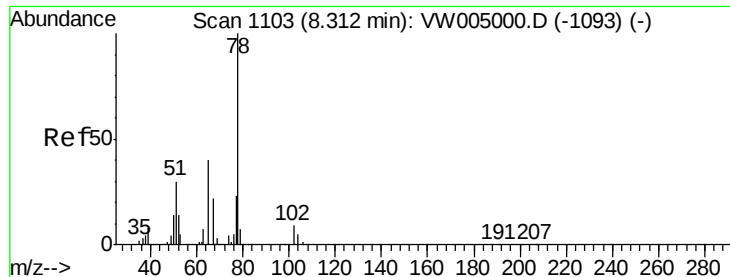
apatel
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#32
1,1,1-Trichloroethane
Concen: 10.177 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.7	52.3	78.5	
61	41.9	33.2	49.8	





#33

1,2-Dichloroethane-d4

Concen: 10.378 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 36952

Ion Ratio Lower Upper

65 100

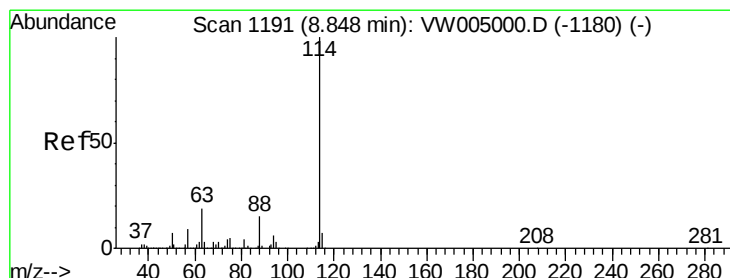
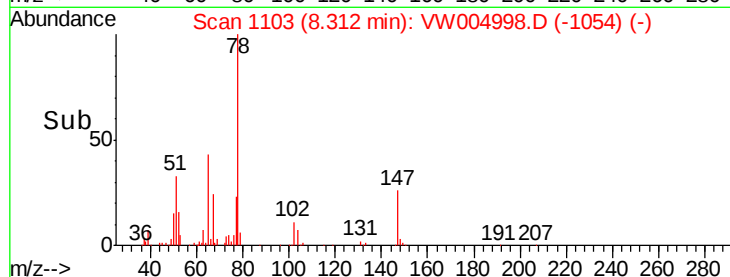
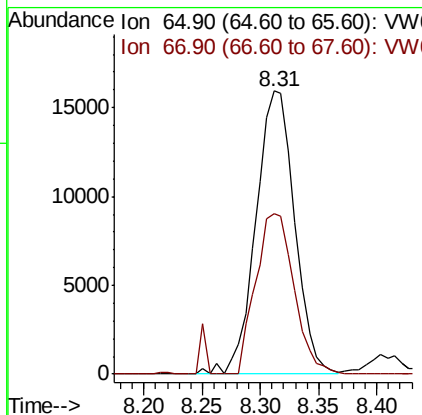
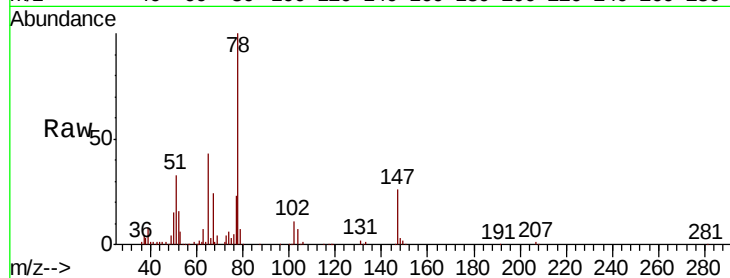
67 56.2 0.0 112.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

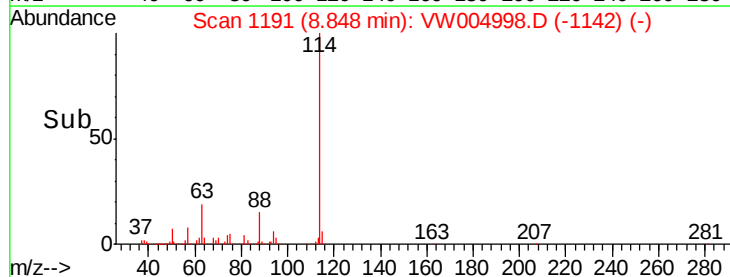
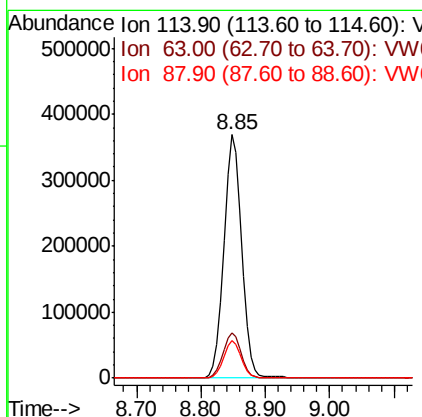
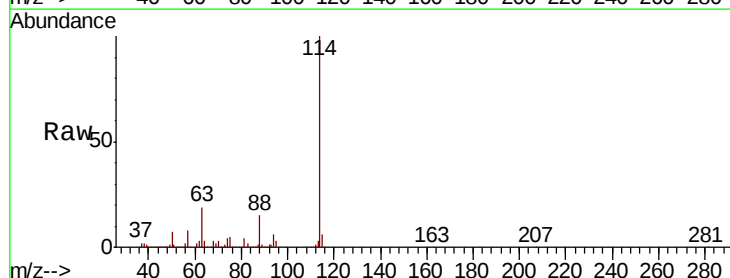
Tgt Ion: 114 Resp: 724055

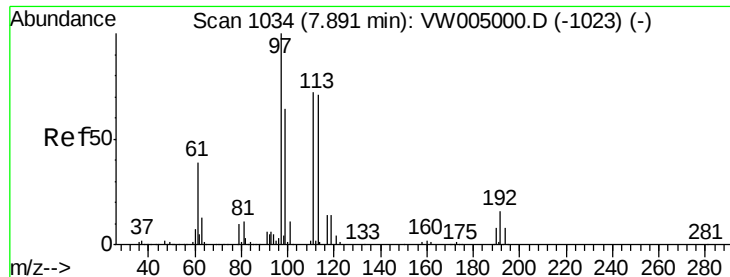
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.2 0.0 30.6





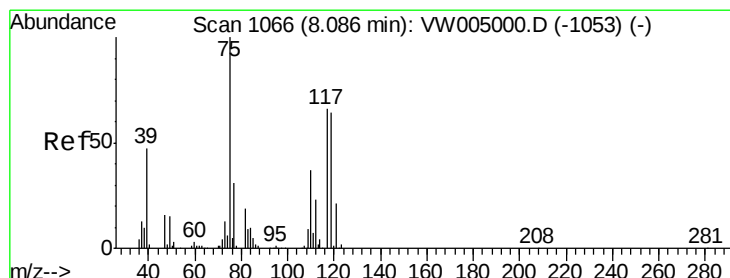
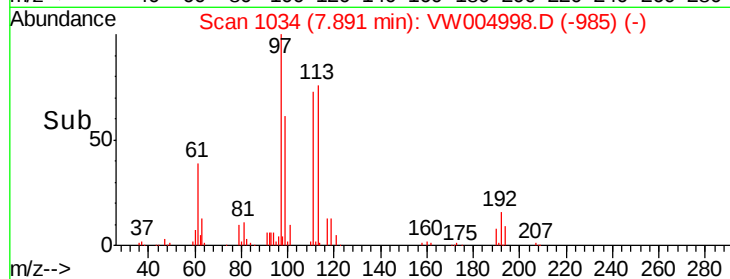
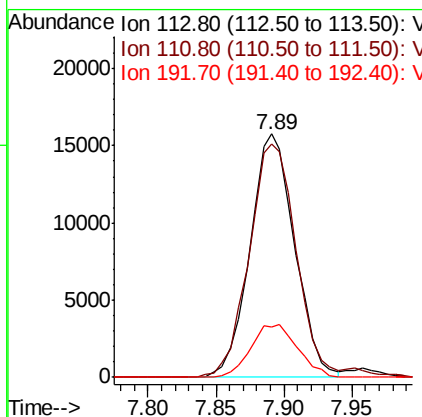
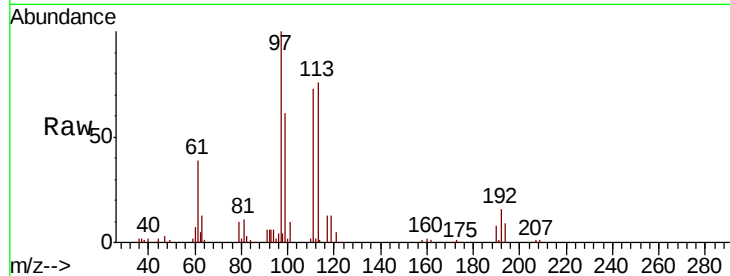
#35
Dibromofluoromethane
Concen: 10.089 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.3	121.9
192	22.7	17.8	26.8

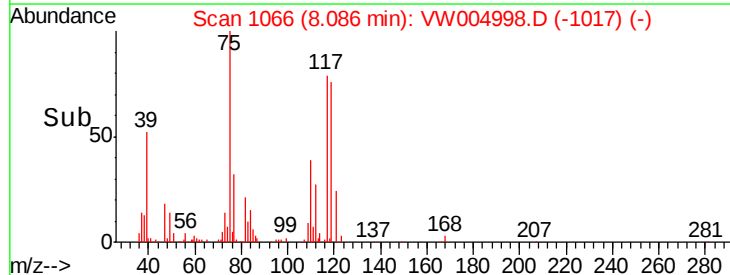
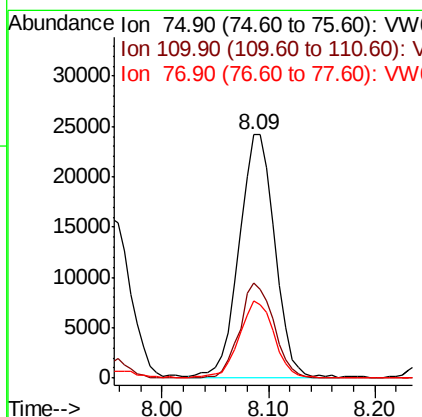
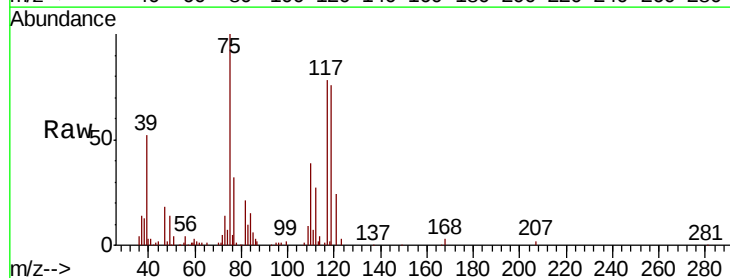
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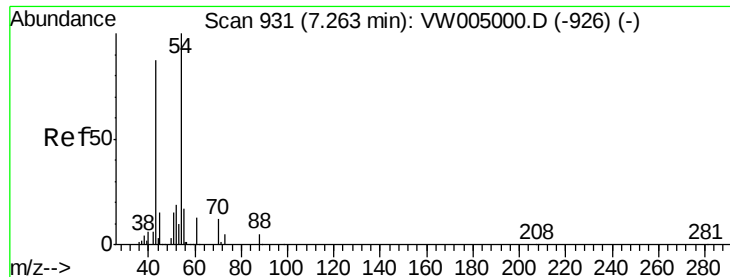
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#36
1,1-Dichloropropene
Concen: 9.244 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.7	56.1
77	31.4	24.9	37.3





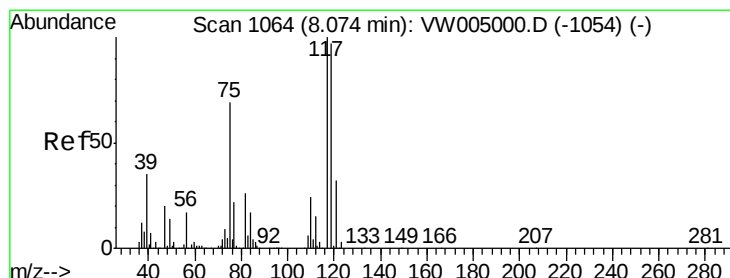
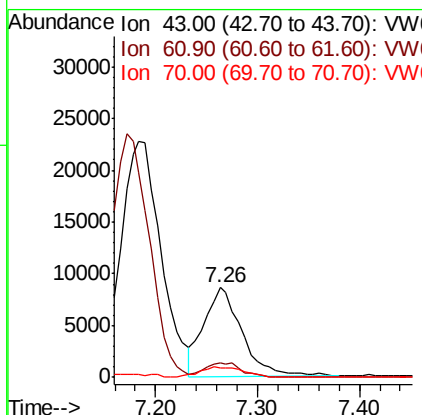
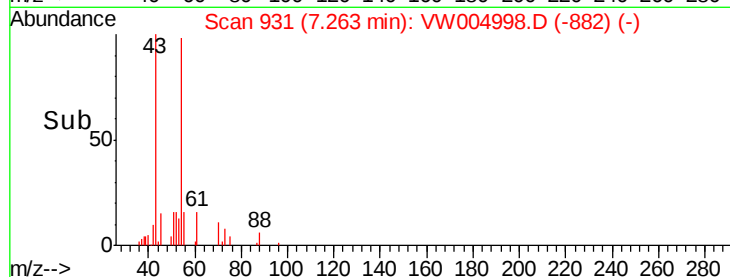
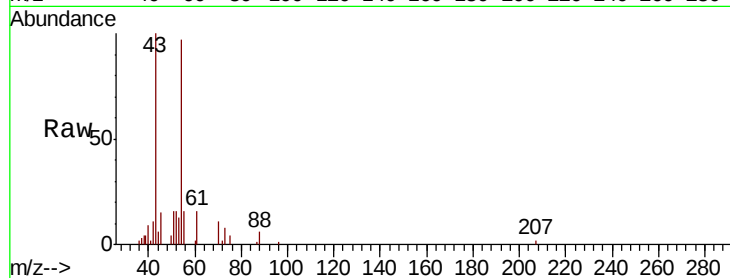
#37
Ethyl Acetate
Concen: 10.149 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.3	18.5
70	13.2	9.7	14.5

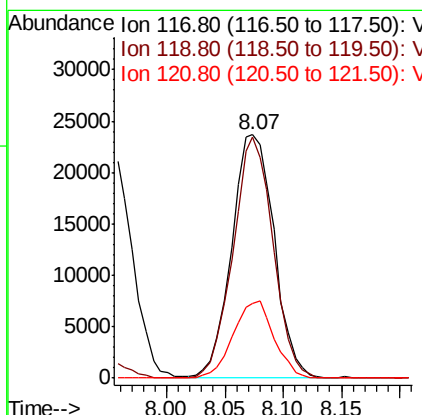
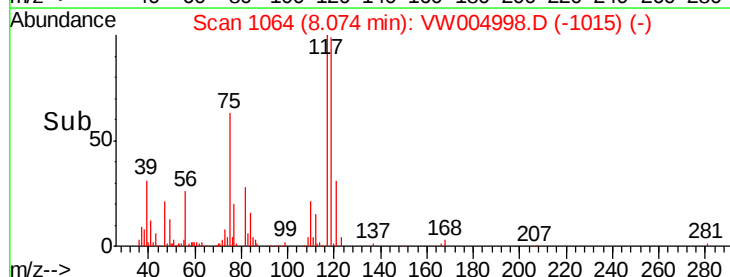
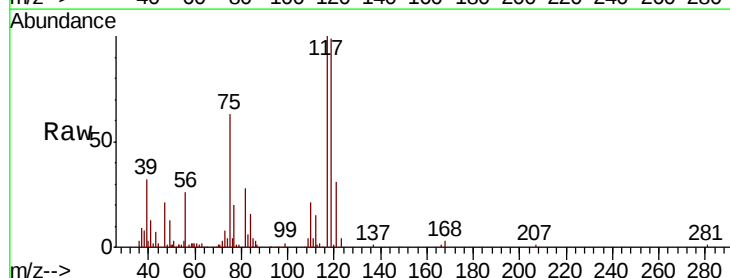
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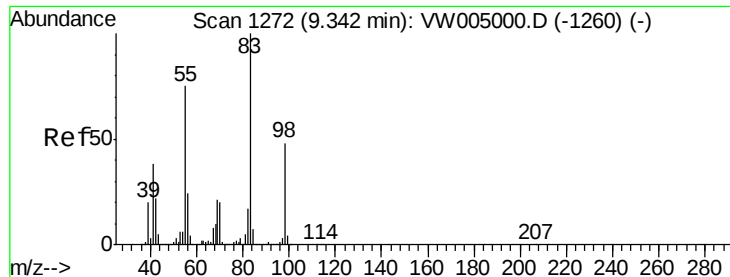
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#38
Carbon Tetrachloride
Concen: 10.133 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.8	116.8
121	30.9	25.2	37.8





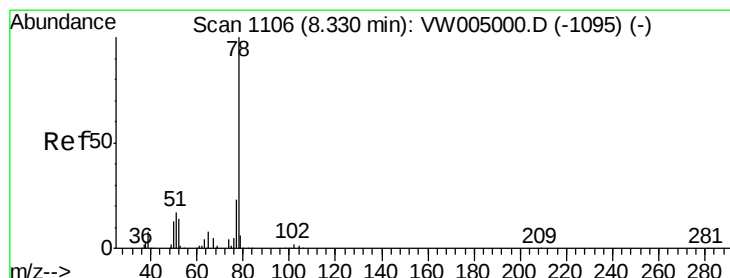
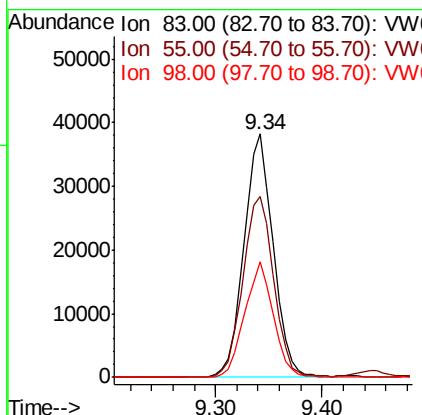
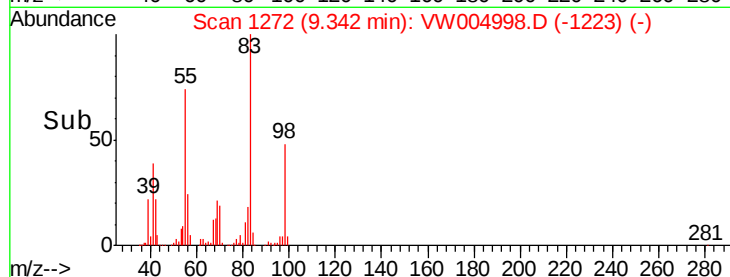
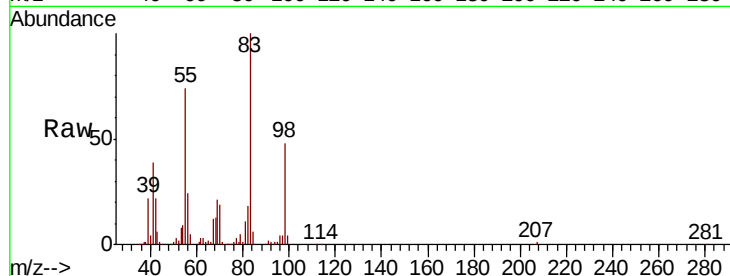
#39
Methvlcvclohexane
Concen: 8.764 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.2	90.2
98	47.6	38.6	57.8

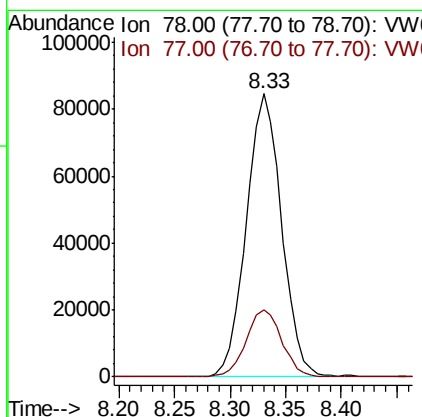
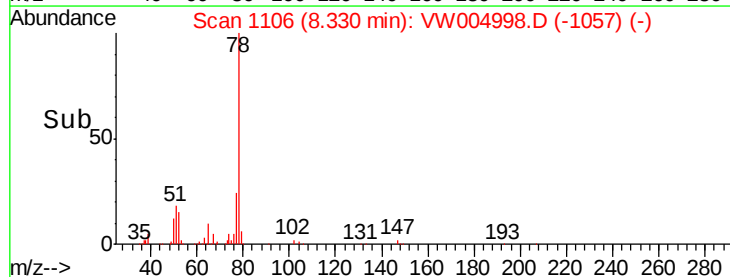
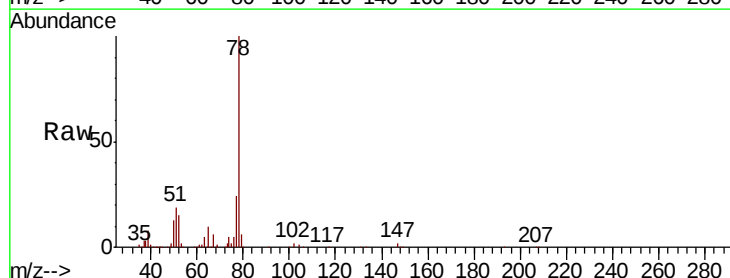
Manual Integrations
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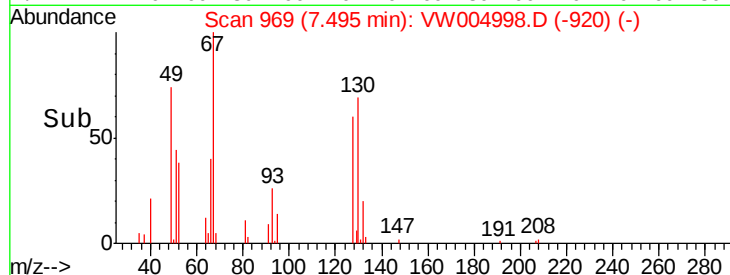
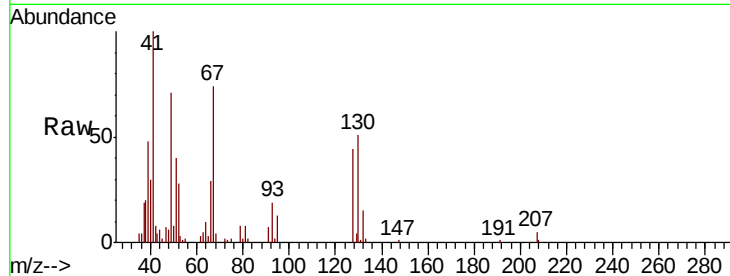
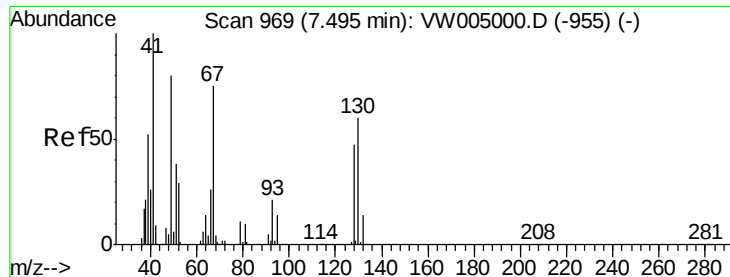
apatel
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#40
Benzene
Concen: 9.503 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





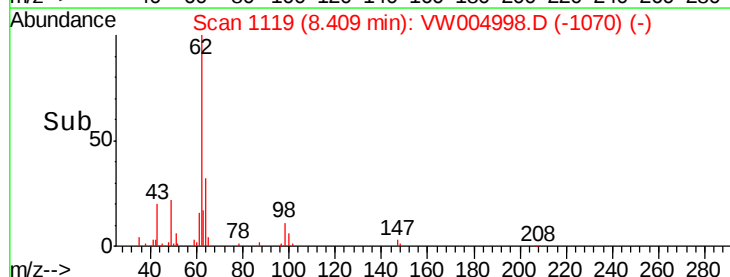
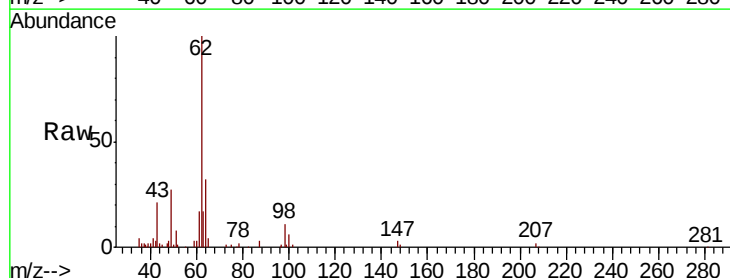
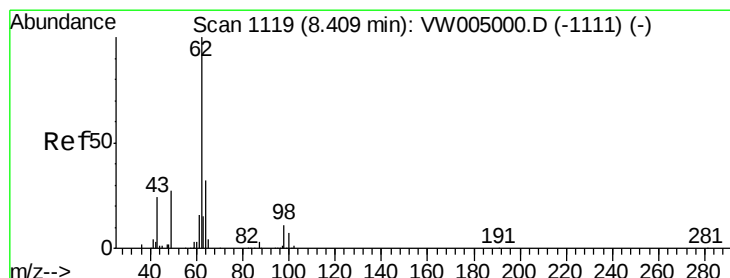
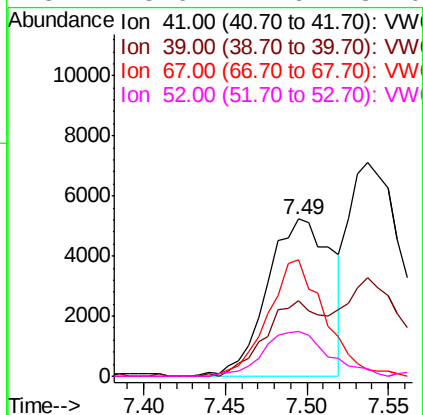
#41
Methacrylonitrile
Concen: 11.140 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tot Ion	41	Resp	14356
Ion	Ratio	Lower	Upper
41	100		
39	43.3	42.0	63.0
67	65.4	63.4	95.2
52	28.6	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

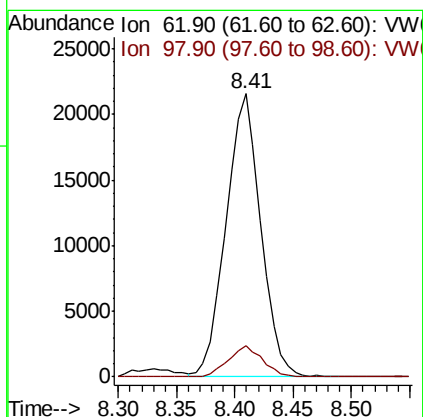
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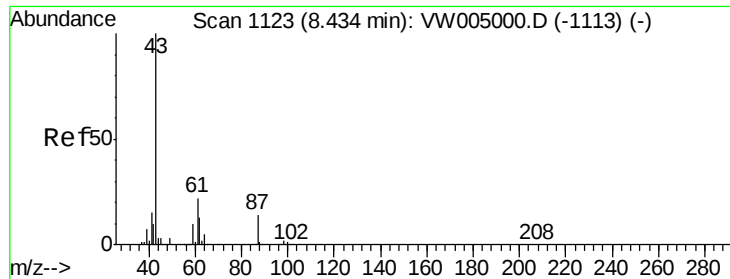
apatel
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#42
1,2-Dichloroethane
Concen: 10.241 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	62	Resp	44751
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 9.423 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

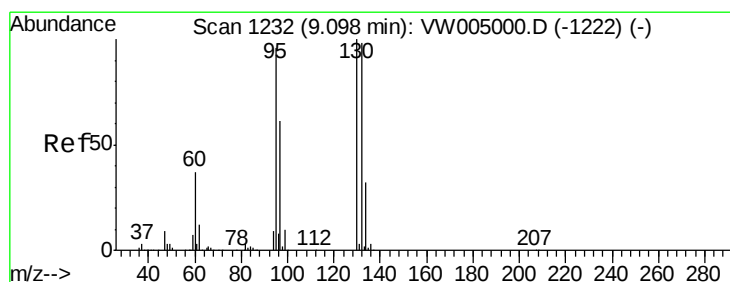
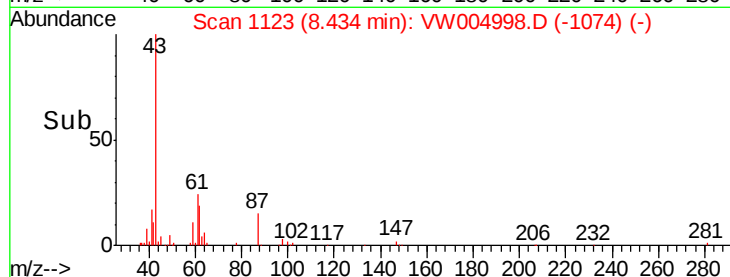
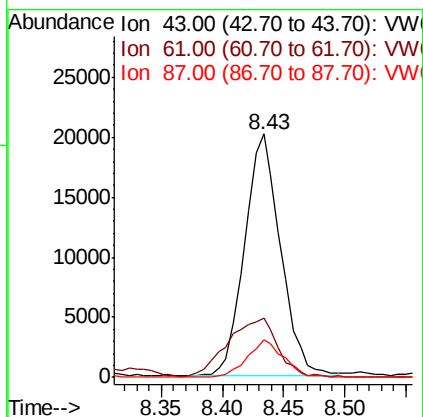
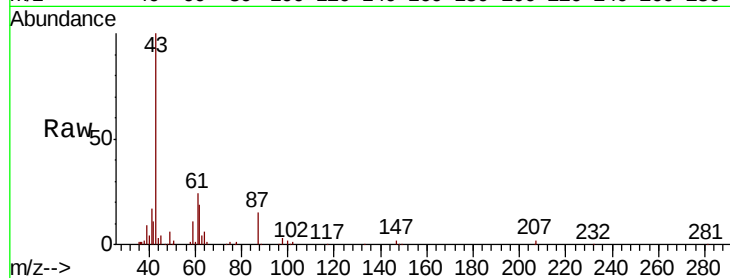
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	41463
Ion	Ratio	Lower	Upper
43	100		
61	33.9	26.2	39.4
87	15.4	11.8	17.6

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#44

Trichloroethene

Concen: 9.598 ug/l

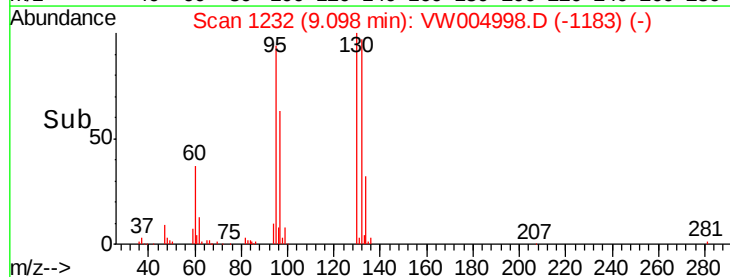
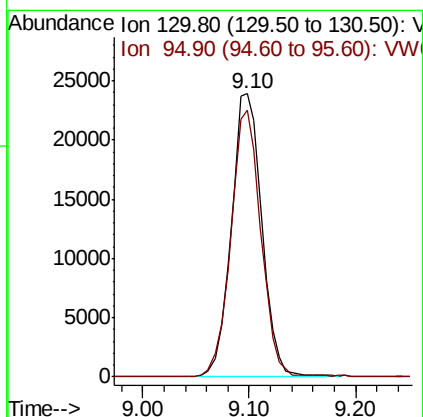
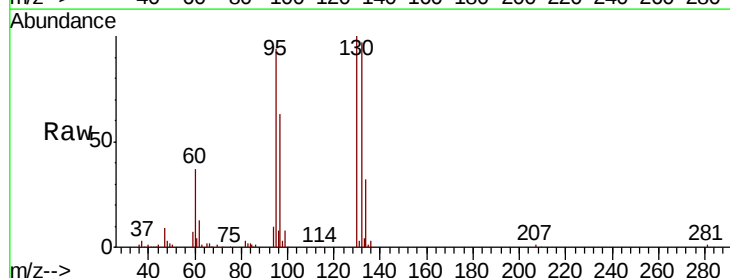
RT: 9.10 min Scan# 1232

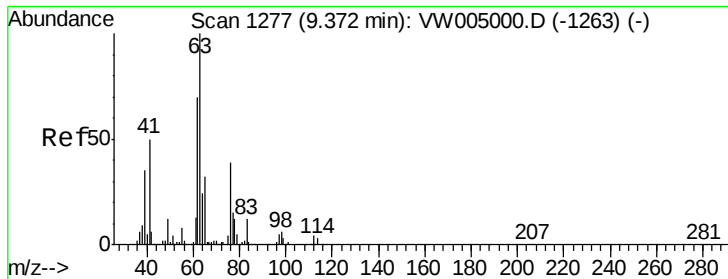
Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion:	130	Resp:	48142
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	192.2





#45

1,2-Dichloropropane

Concen: 9.617 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 43208

Ion Ratio Lower Upper

63 100

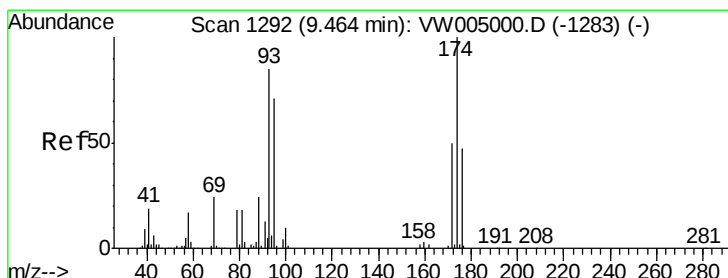
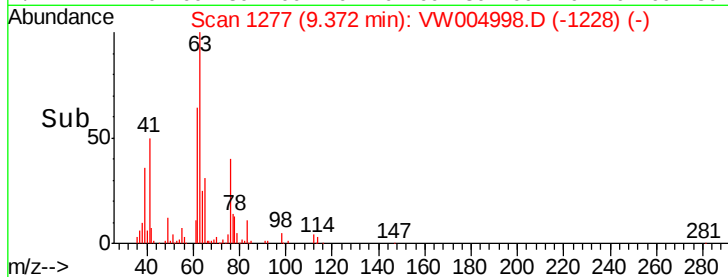
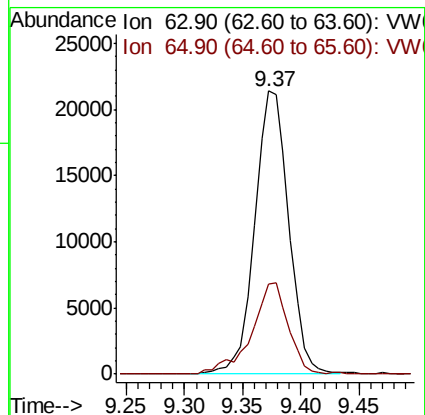
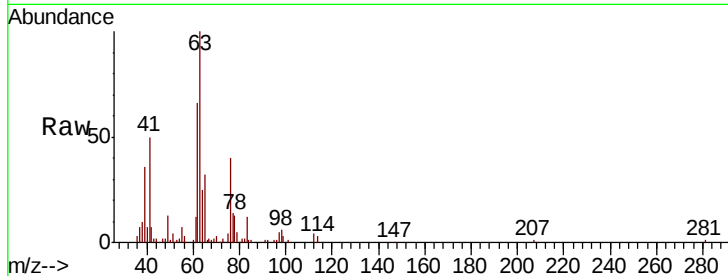
65 31.8 25.3 37.9

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#46

Dibromomethane

Concen: 10.082 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

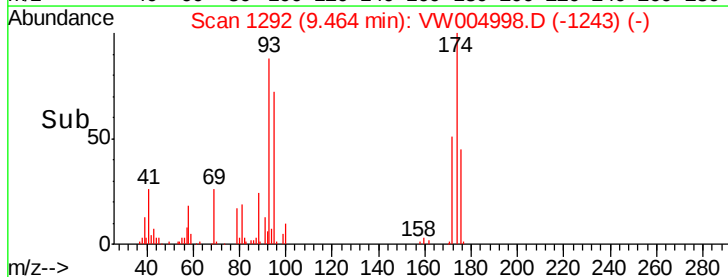
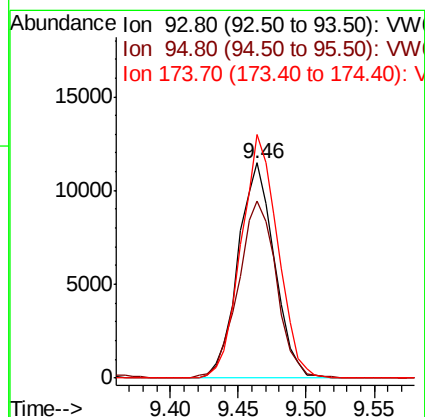
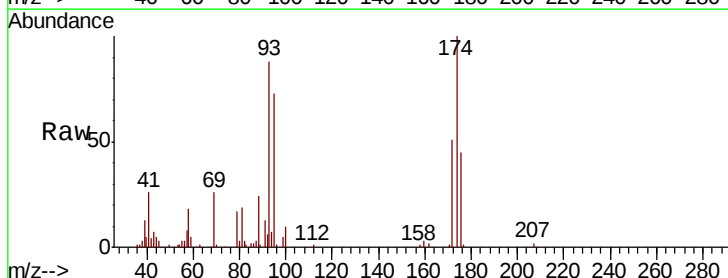
Tgt Ion: 93 Resp: 21439

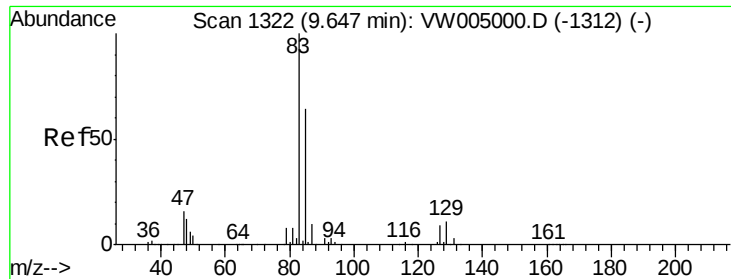
Ion Ratio Lower Upper

93 100

95 86.2 68.0 102.0

174 114.2 91.4 137.0





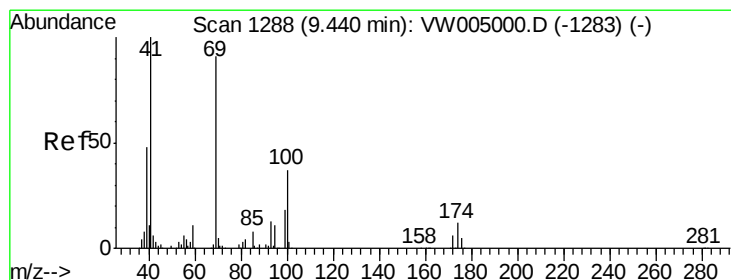
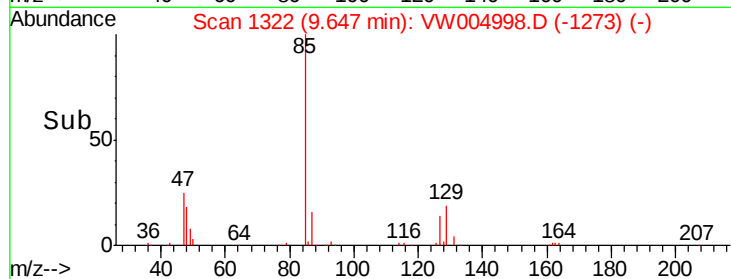
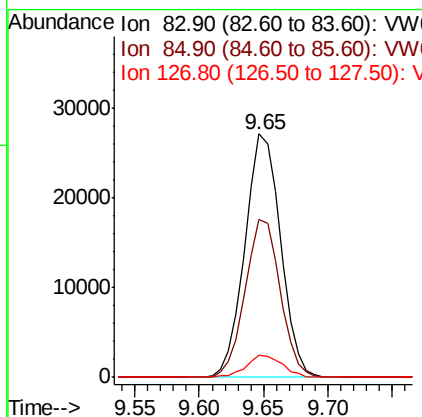
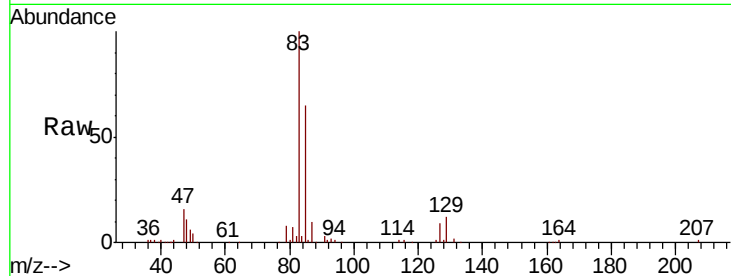
#47
 Bromodichloromethane
 Concen: 9.886 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	83	Resp	51944
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	51.3	76.9
127	9.3	7.2	10.8

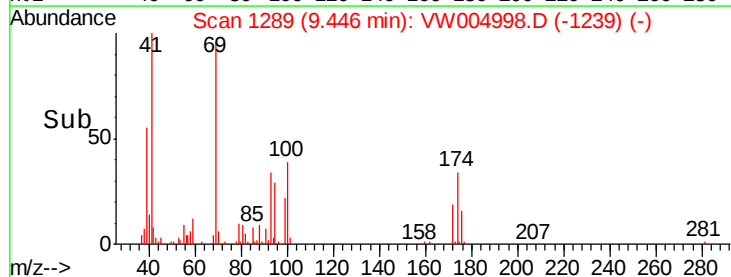
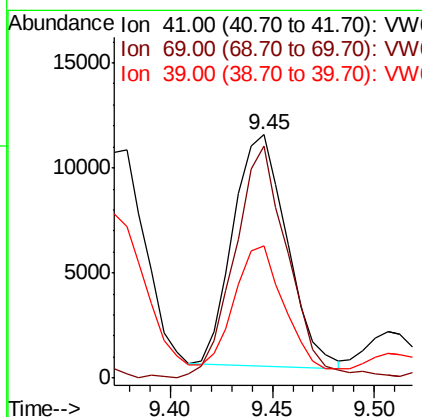
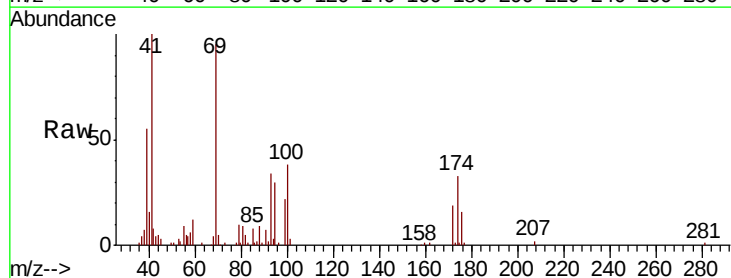
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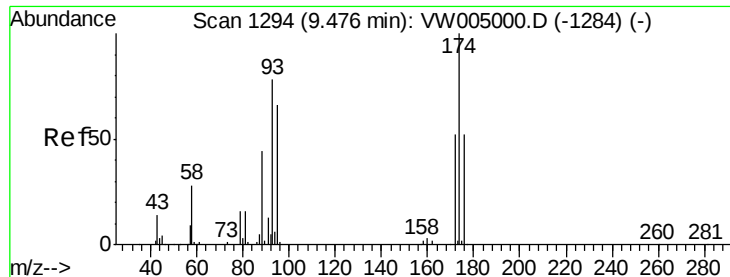
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#48
 Methyl methacrylate
 Concen: 8.647 ug/l
 RT: 9.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	41	Resp	20202
Ion Ratio	100	Lower	Upper
41	100		
69	97.6	72.5	108.7
39	57.7	37.0	55.6#





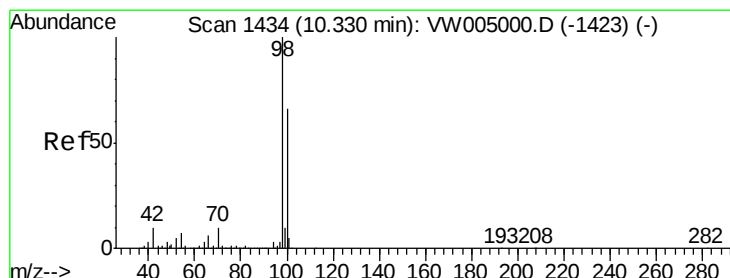
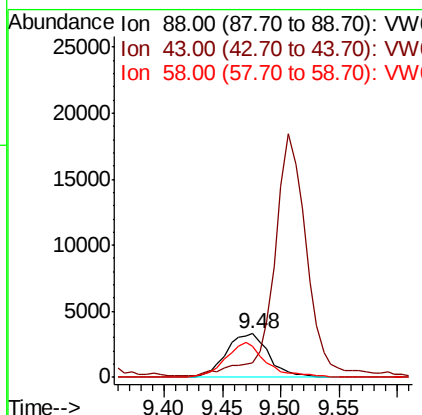
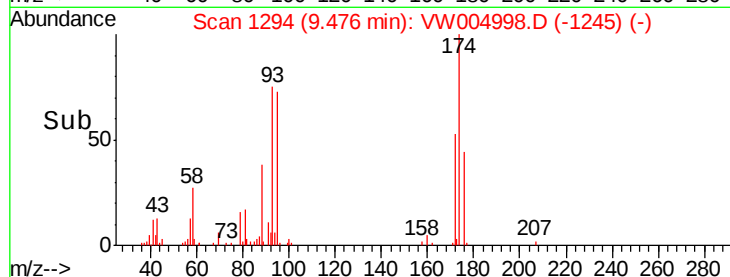
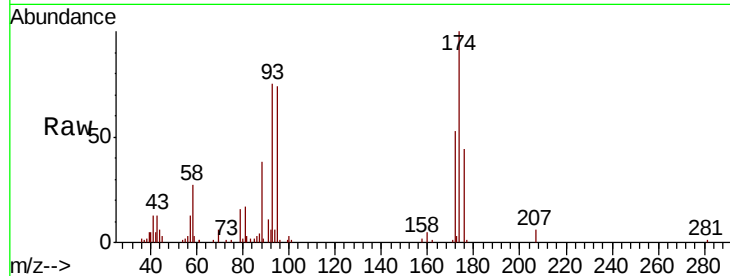
#49
1,4-Dioxane
Concen: 188.921 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.6	57.0	85.4

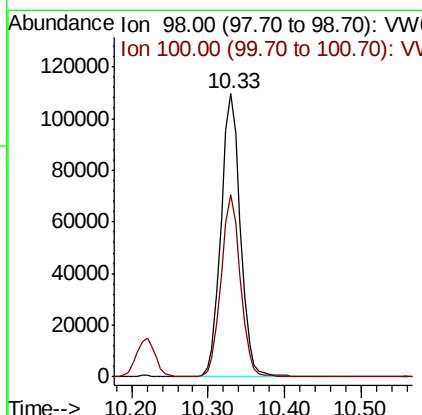
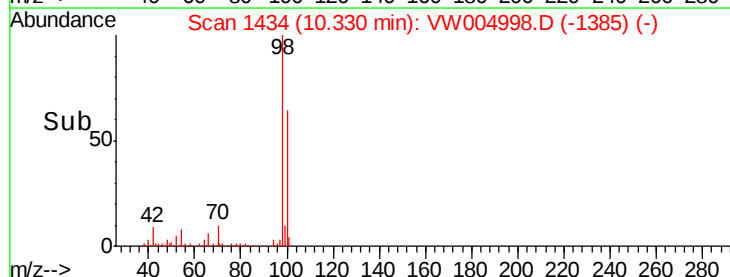
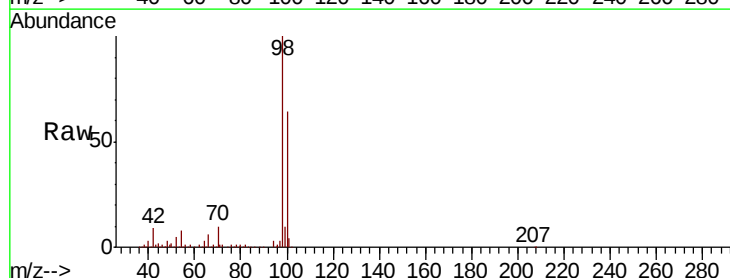
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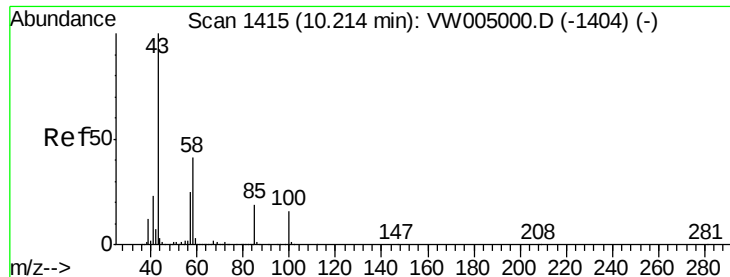
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#50
Toluene-d8
Concen: 9.782 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 47.692 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC010

Tot Ion: 43 Resp: 157169

Ion Ratio Lower Upper

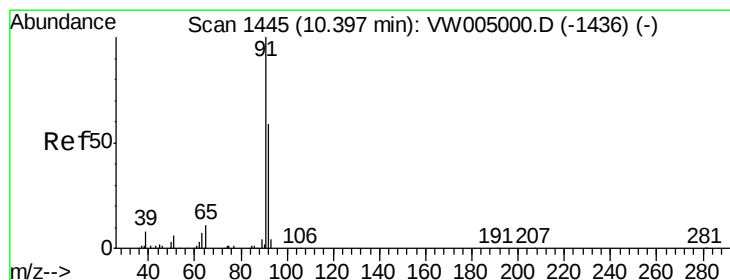
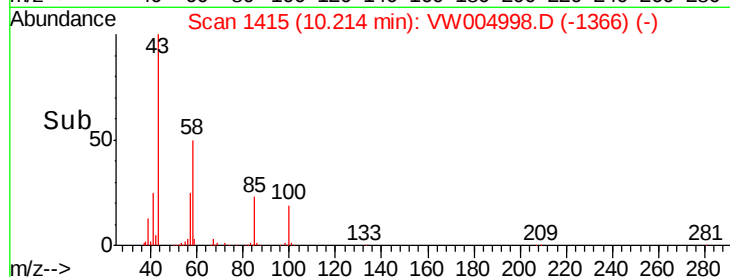
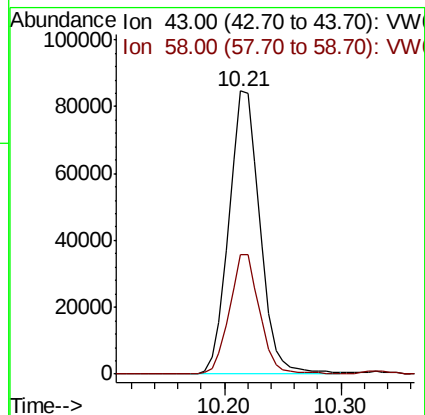
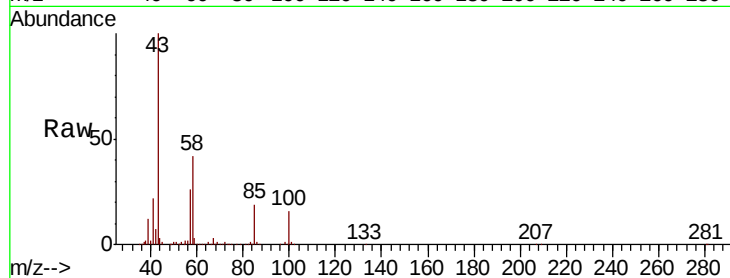
43 100

58 41.0 33.5 50.3

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#52

Toluene

Concen: 9.634 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004998.D

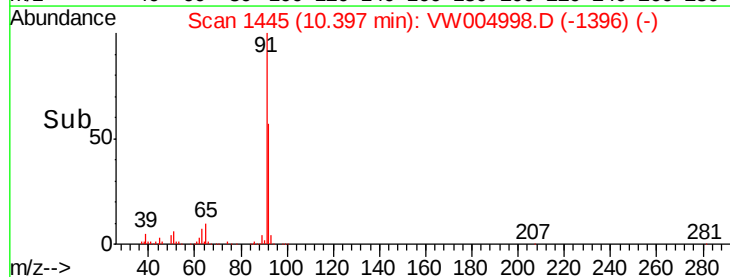
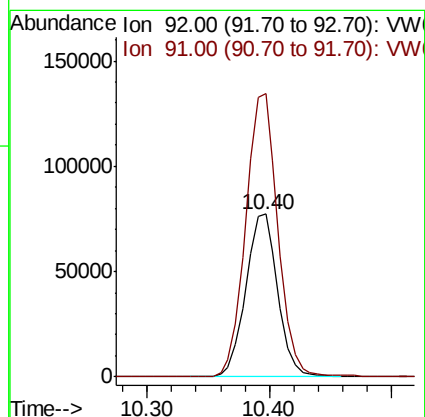
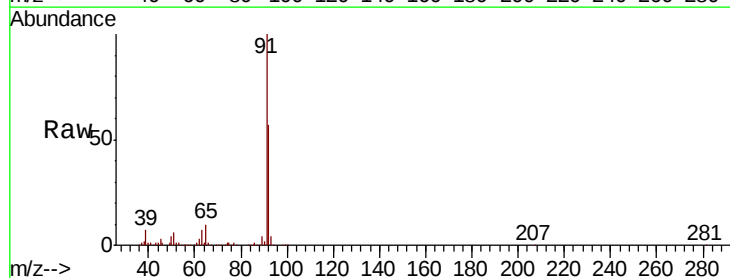
Acq: 29 Aug 2018 12:36

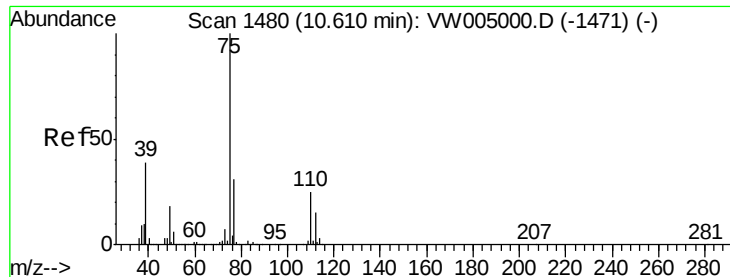
Tgt Ion: 92 Resp: 140368

Ion Ratio Lower Upper

92 100

91 175.7 137.4 206.2





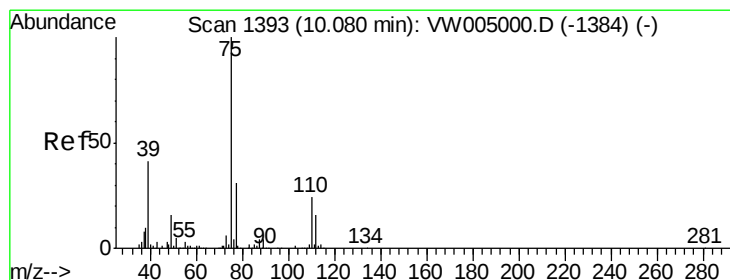
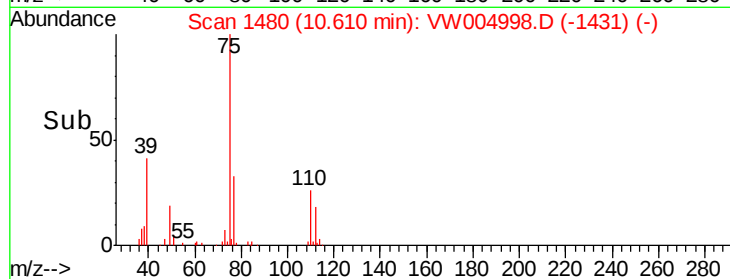
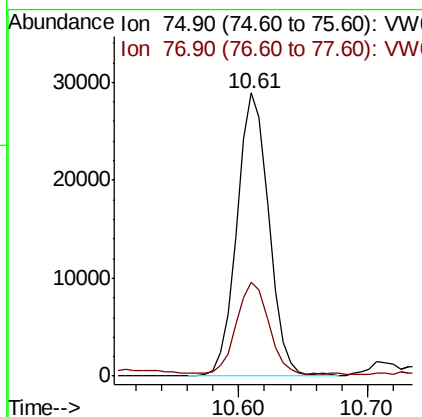
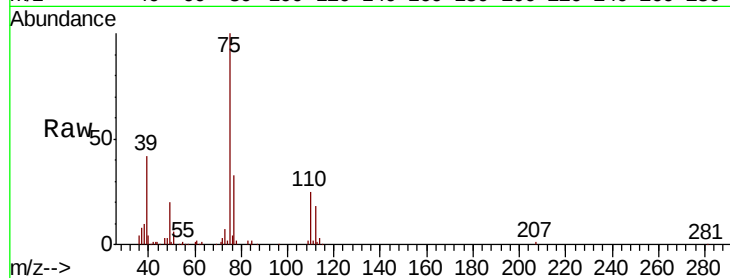
#53
 t-1,3-Dichloropropene
 Concen: 8.843 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.1	37.7

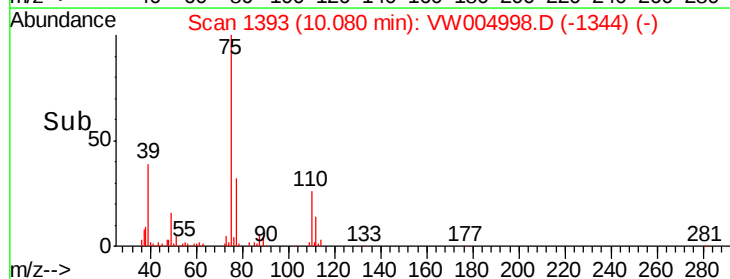
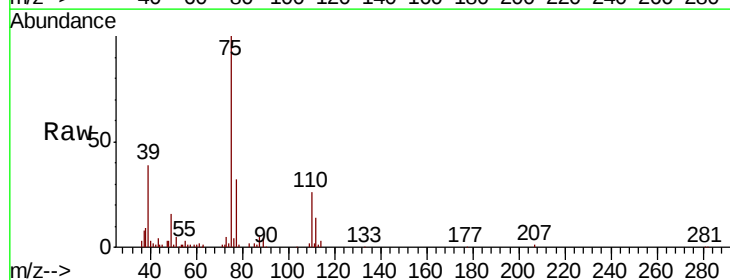
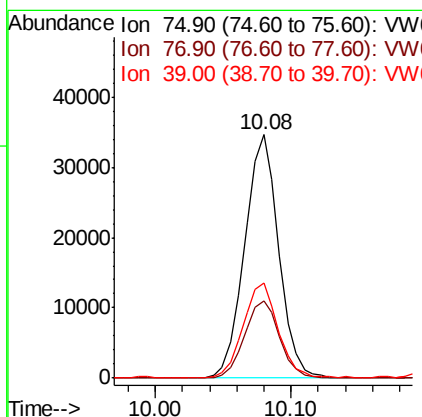
Manual Integrations
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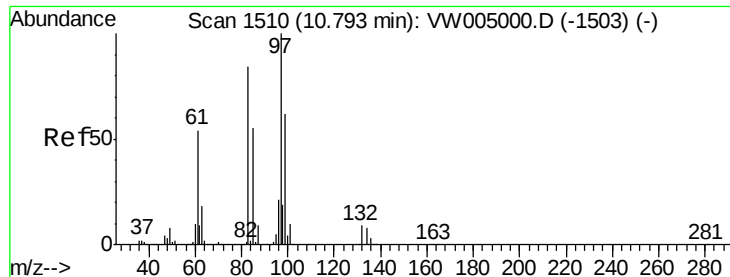
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#54
 cis-1,3-Dichloropropene
 Concen: 9.253 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	39.1	32.9	49.3





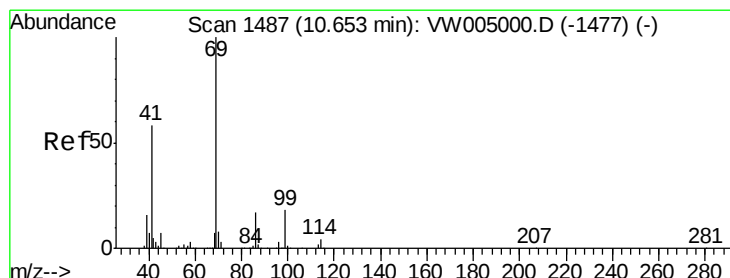
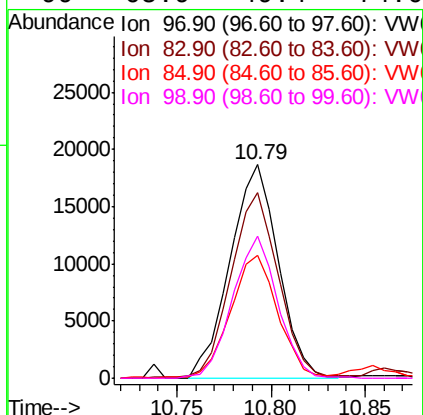
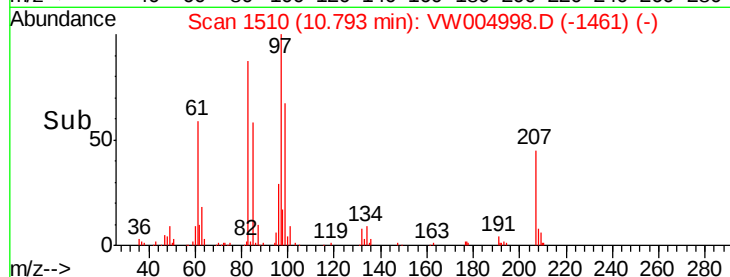
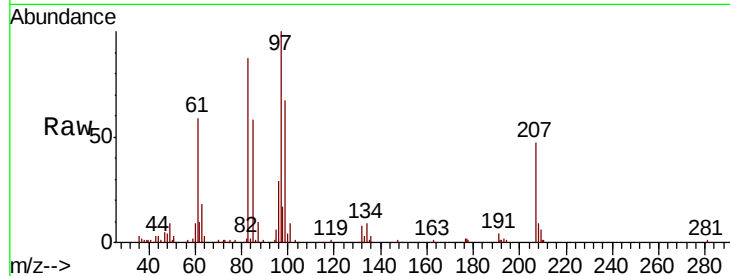
#55
 1,1,2-Trichloroethane
 Concen: 9.522 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	33142
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.3	100.9
85	56.7	44.3	66.5
99	65.9	49.4	74.0

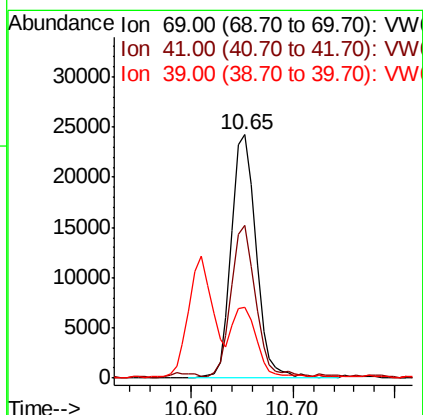
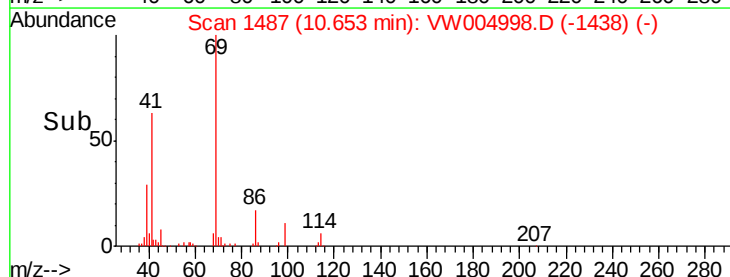
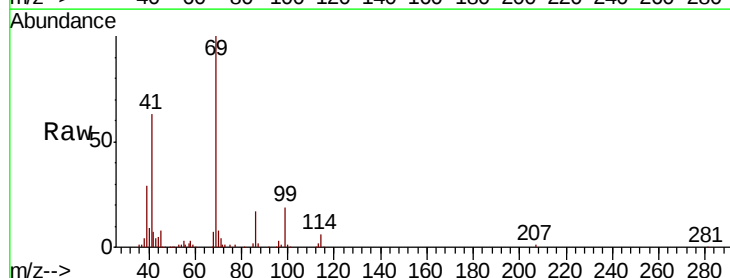
Manual Integrations
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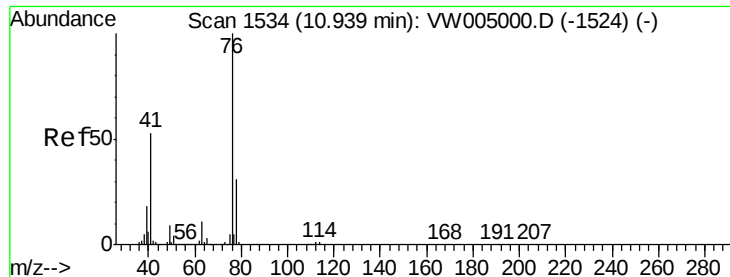
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#56
 Ethyl methacrylate
 Concen: 8.938 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion:	69	Resp:	40807
Ion	Ratio	Lower	Upper
69	100		
41	61.5	47.7	71.5
39	27.9	21.0	31.6





#57

1,3-Dichloropropane

Concen: 9.622 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 55111

Ion Ratio Lower Upper

76 100

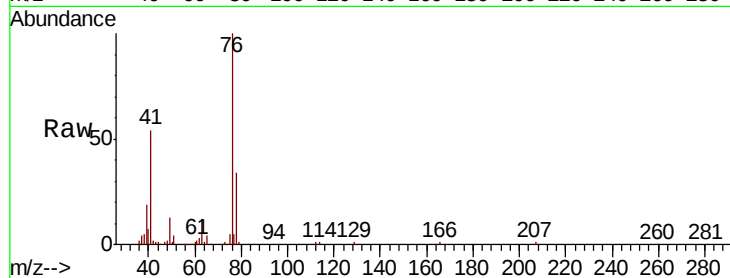
78 32.7 25.6 38.4

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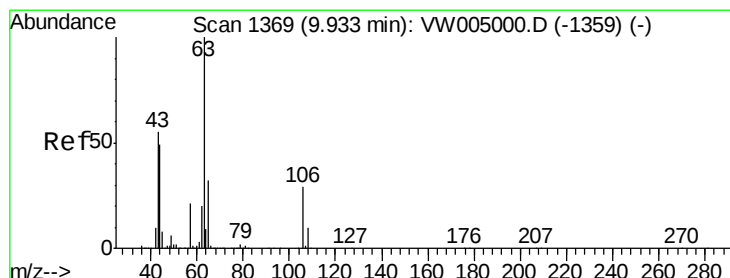
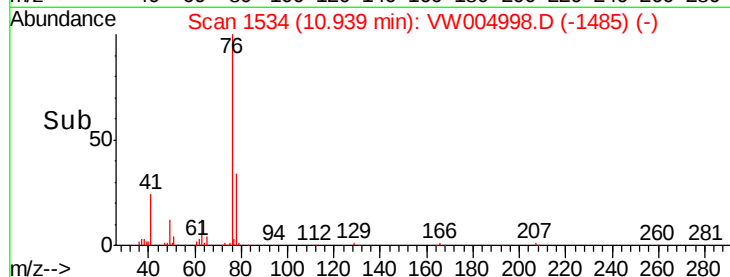
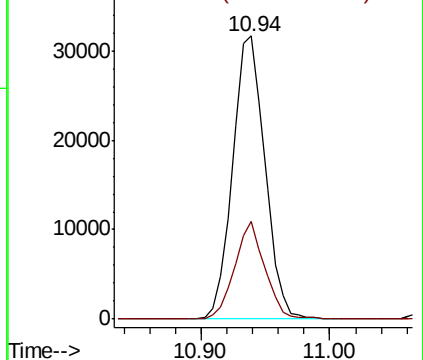
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 43.971 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW004998.D

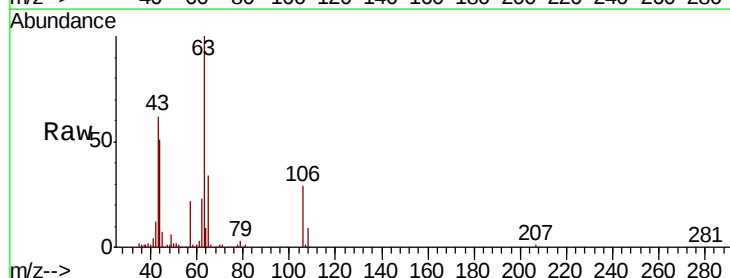
Acq: 29 Aug 2018 12:36

Tgt Ion: 63 Resp: 86489

Ion Ratio Lower Upper

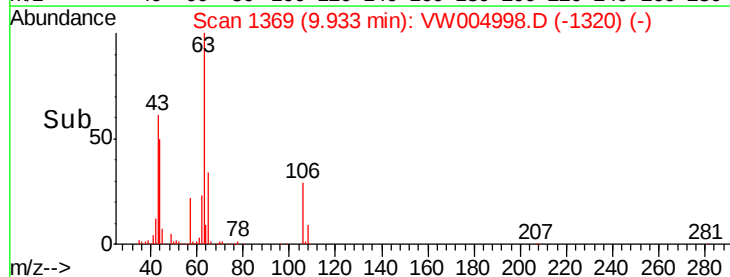
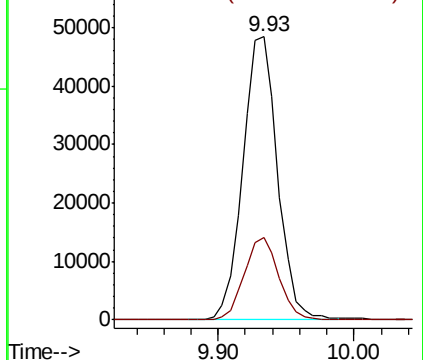
63 100

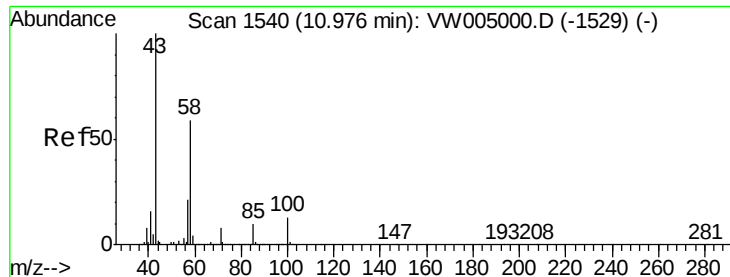
106 29.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





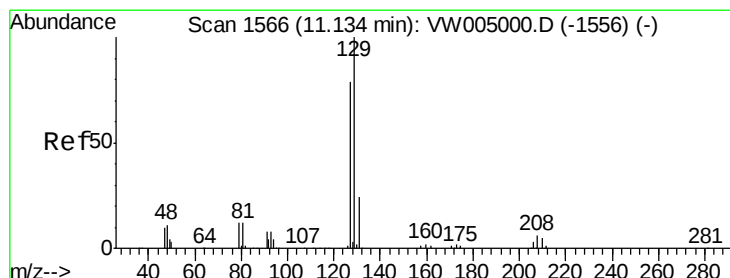
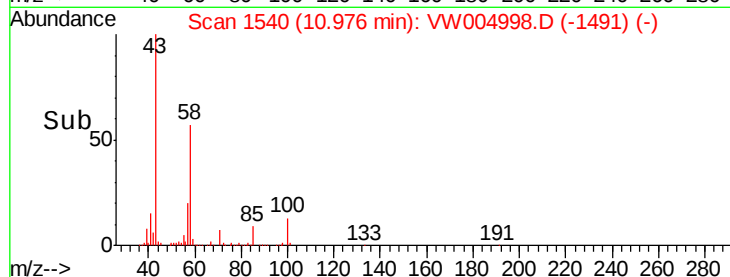
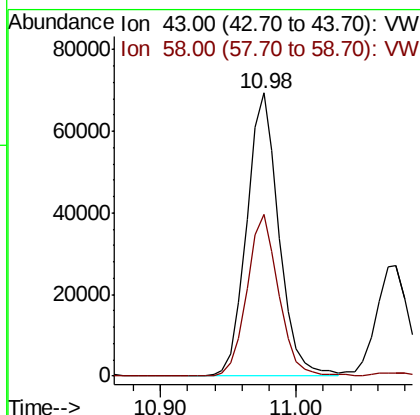
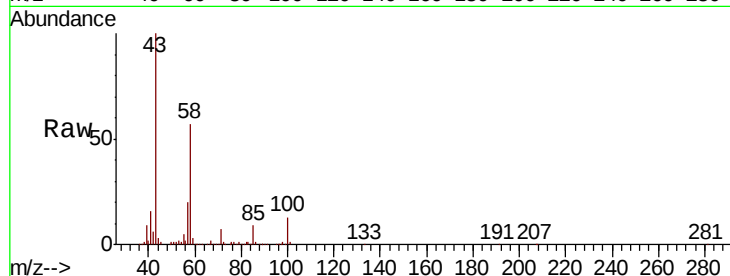
#59
2-Hexanone
Concen: 48.108 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	29.2	87.6

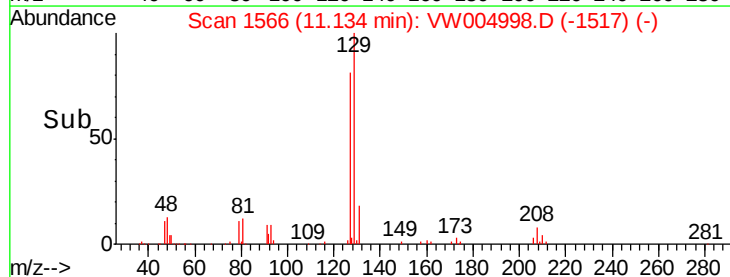
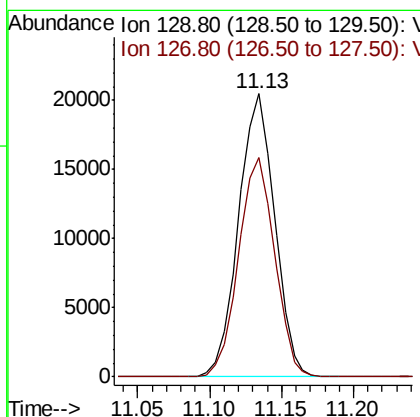
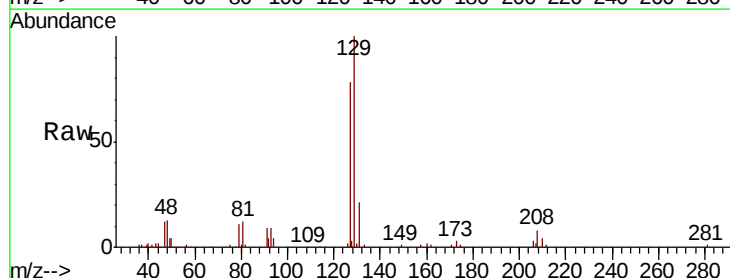
Manual Integrations
APPROVED

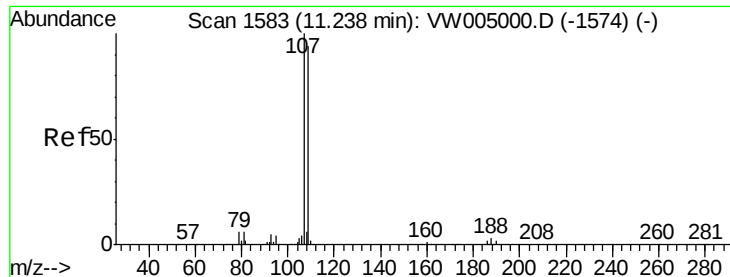
apatel
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#60
Dibromochloromethane
Concen: 9.326 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.3	114.8





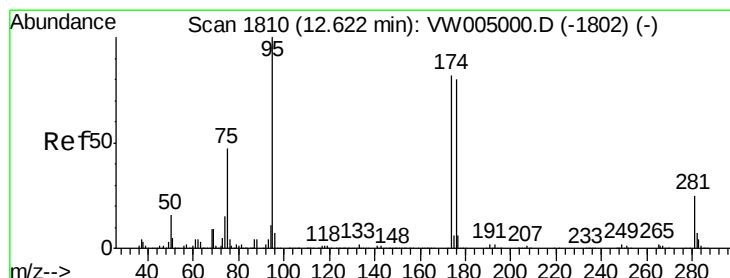
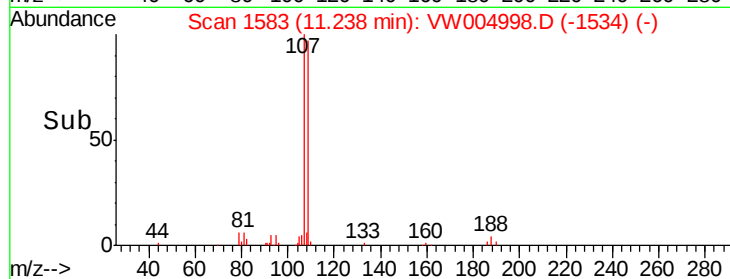
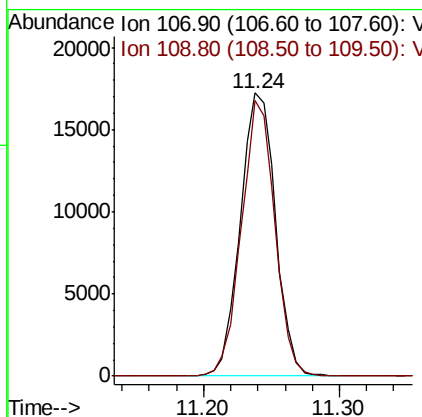
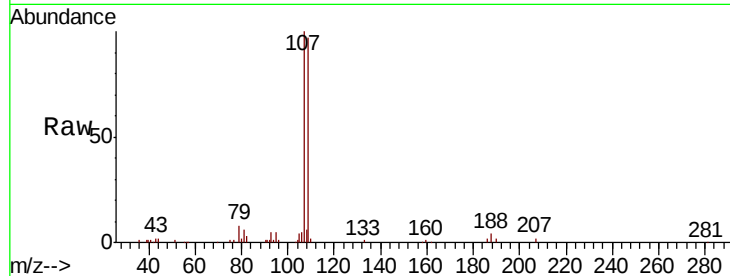
#61
 1,2-Dibromoethane
 Concen: 9.541 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.2	112.8

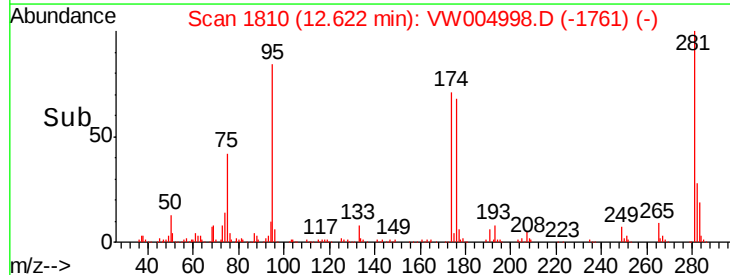
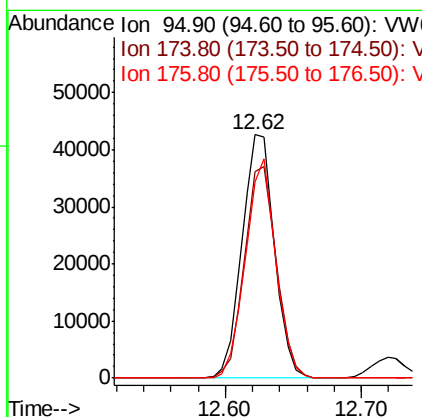
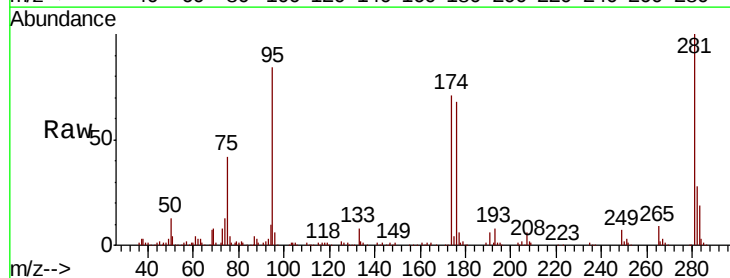
Manual Integrations
 APPROVED

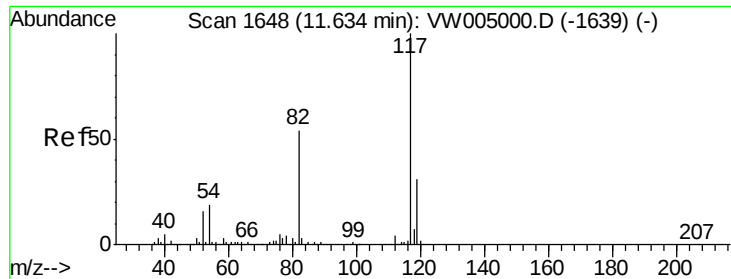
apatel
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#62
 4-Bromofluorobenzene
 Concen: 9.901 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	173.4
176	84.7	0.0	167.8





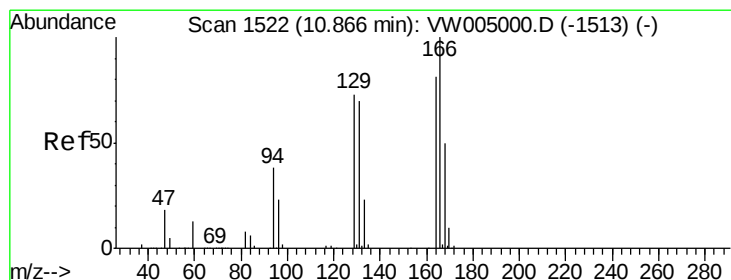
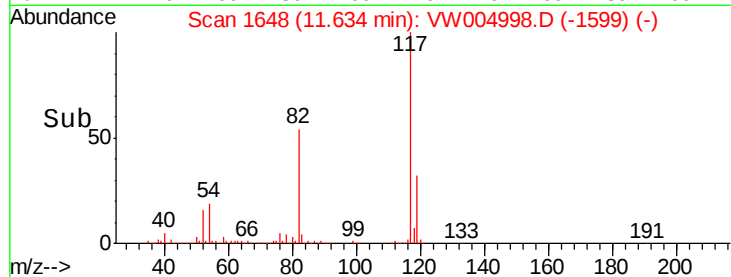
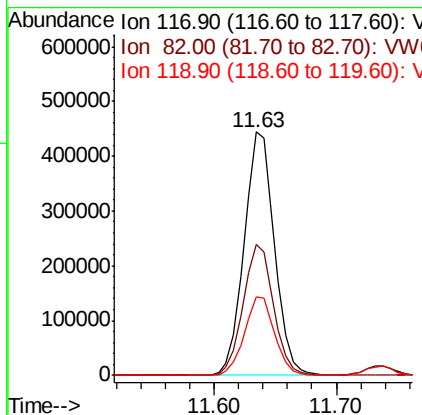
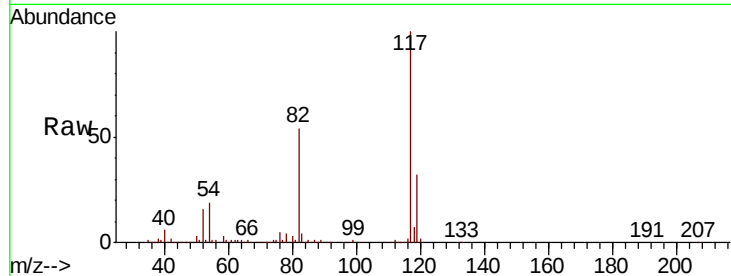
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	32.3	25.0	37.6

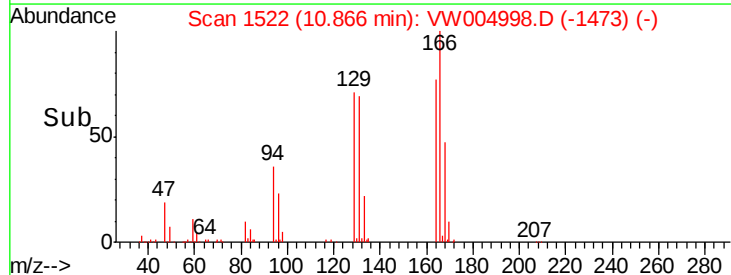
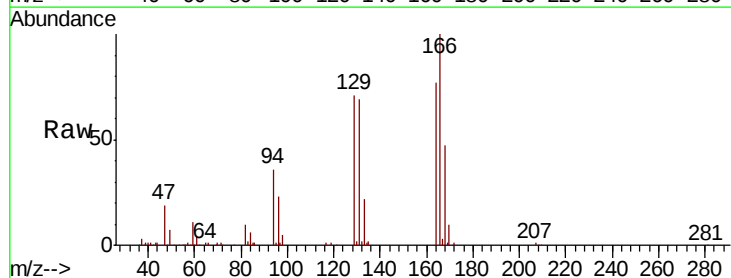
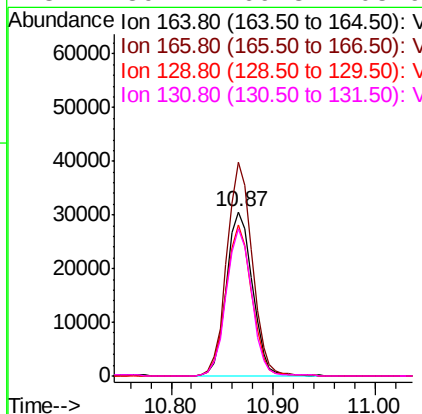
Manual Integrations
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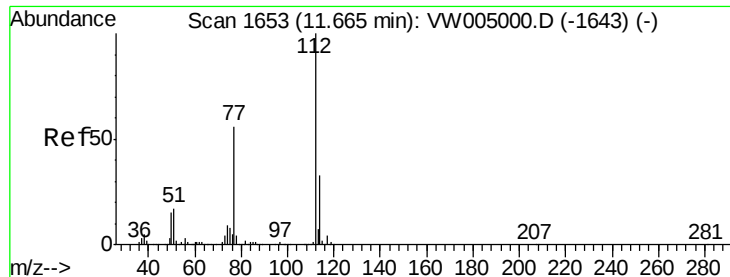
apatel
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#64
Tetrachloroethene
Concen: 9.722 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	99.4	149.0
129	92.3	72.2	108.2
131	89.4	69.3	103.9





#65

Chlorobenzene

Concen: 9.714 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:112 Resp: 163075

Ion Ratio Lower Upper

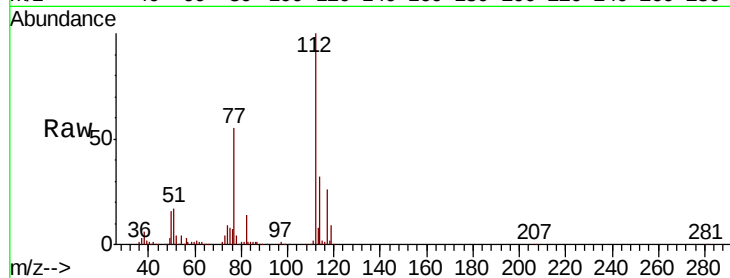
112 100

114 31.7 26.1 39.1

Manual Integrations
APPROVED

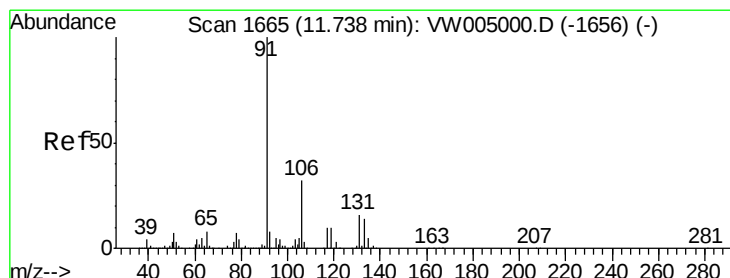
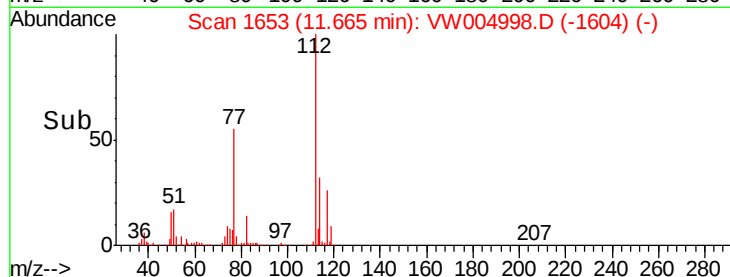
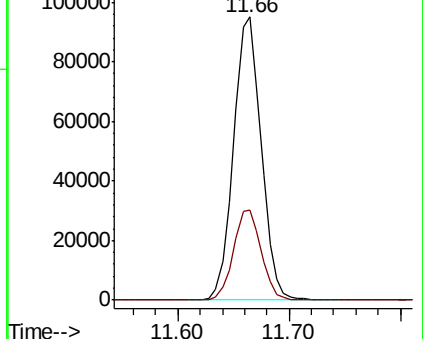
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.336 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

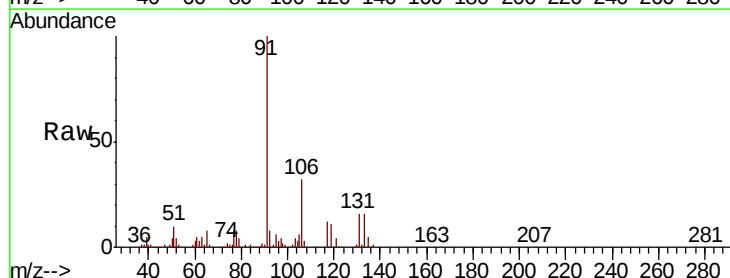
Tgt Ion:131 Resp: 43044

Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.3

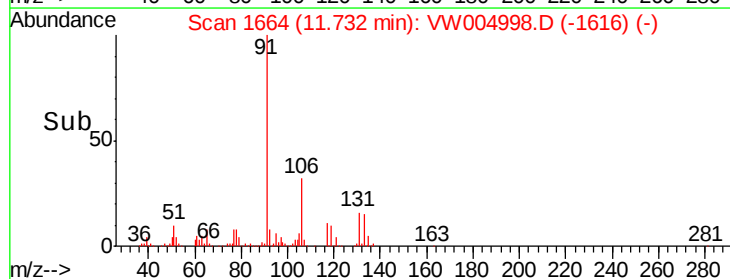
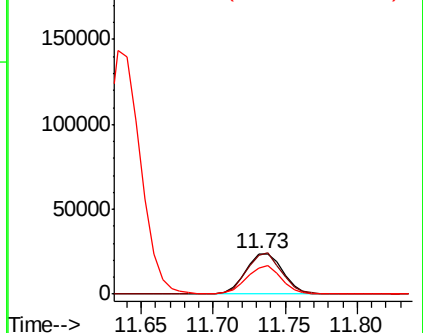
119 66.3 33.1 99.3

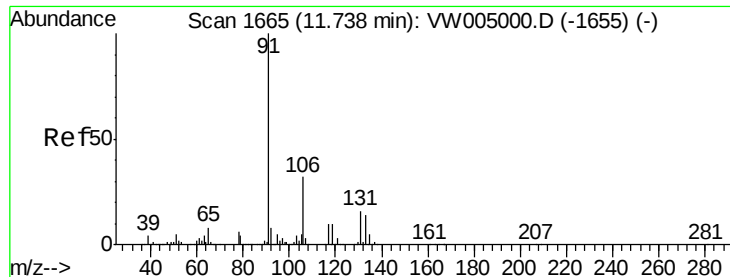


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





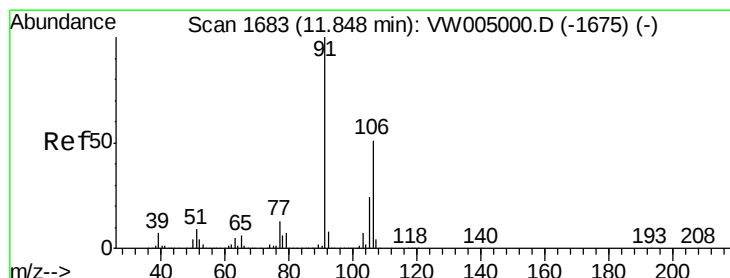
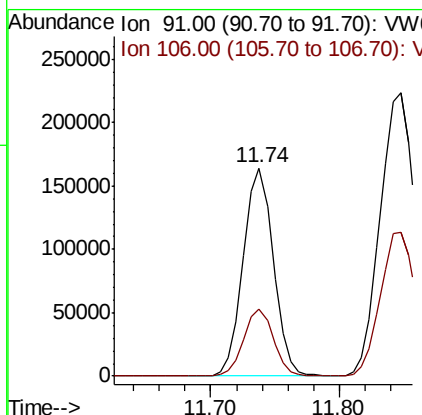
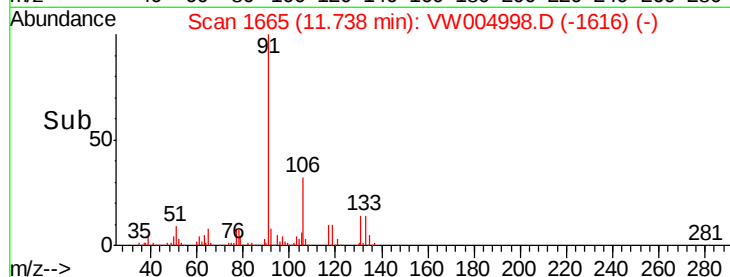
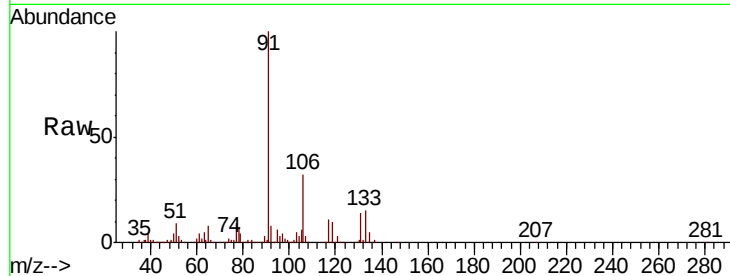
#67
Ethyl Benzene
Concen: 9.285 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	91	Resp	266886
Ion Ratio	Lower	Upper	
91	100		
106	32.1	25.4	38.2

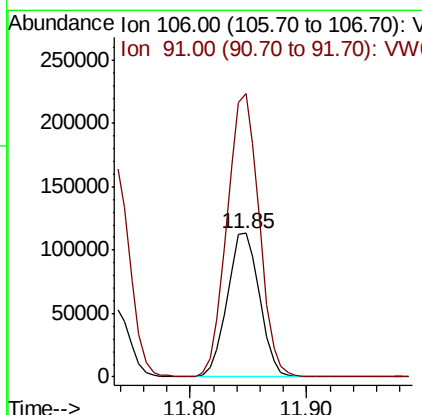
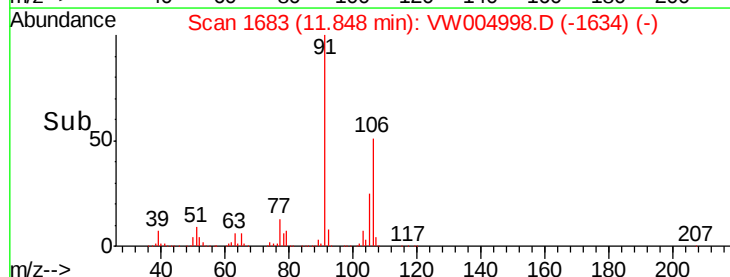
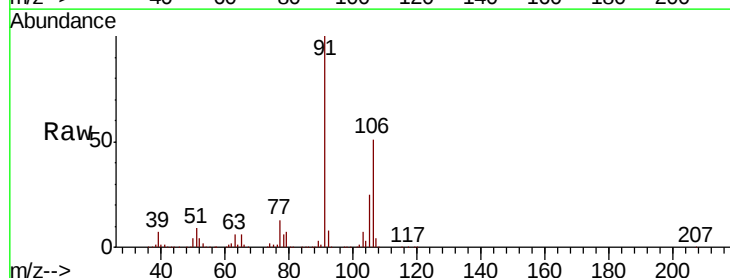
Manual Integrations
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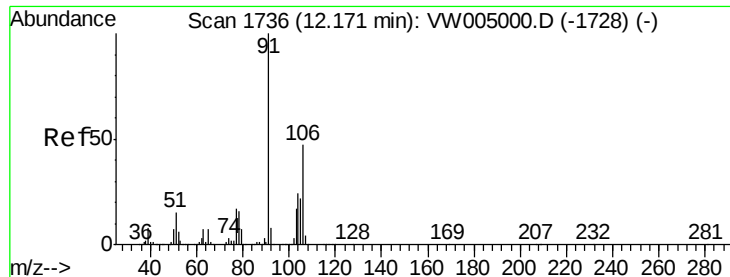
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#68
m/p-Xylenes
Concen: 18.666 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	106	Resp	218837
Ion Ratio	Lower	Upper	
106	100		
91	195.7	158.4	237.6





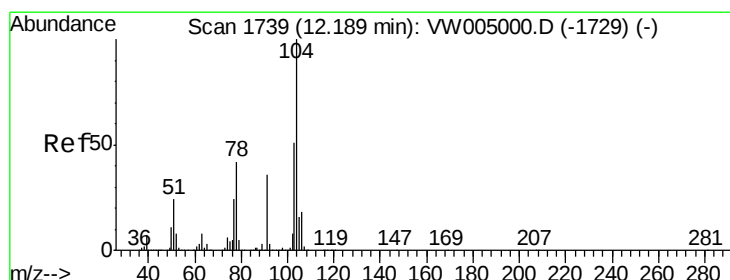
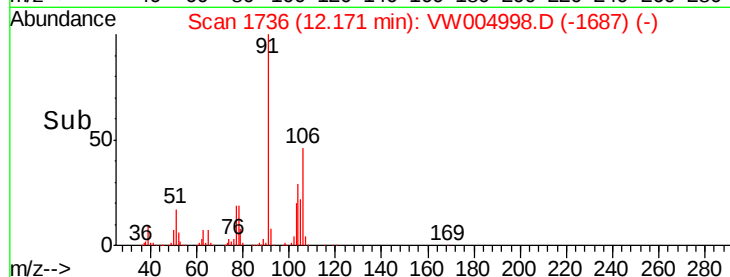
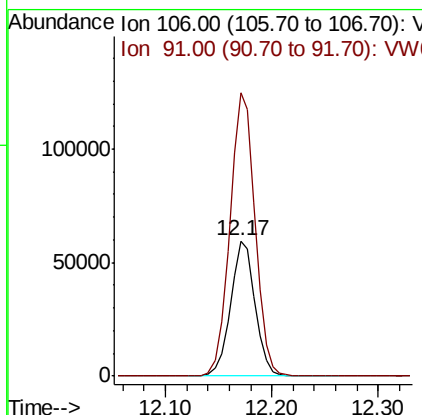
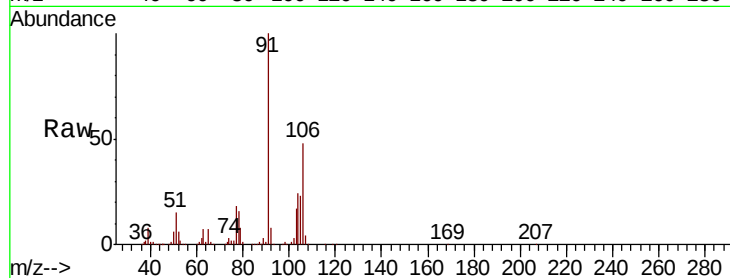
#69
o-Xylene
Concen: 8.918 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.7	104.4	313.1

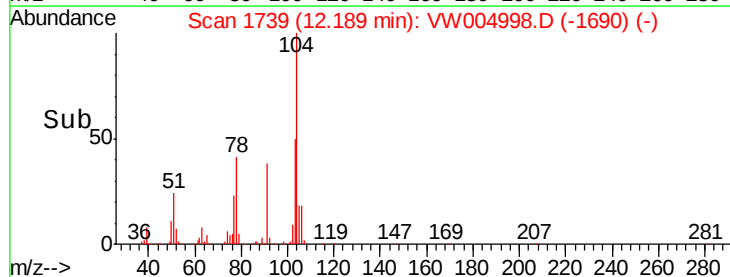
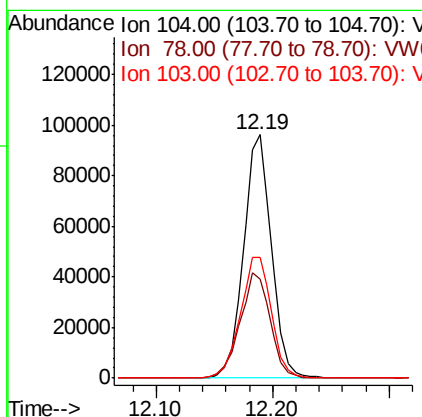
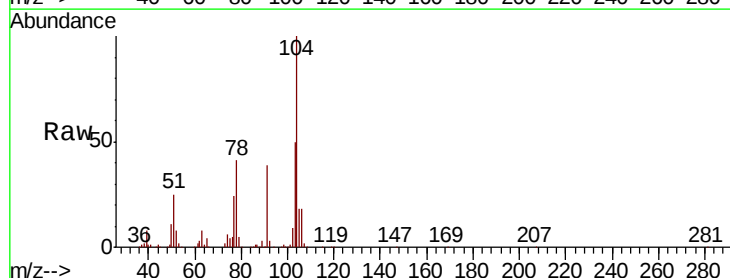
Manual Integrations
APPROVED

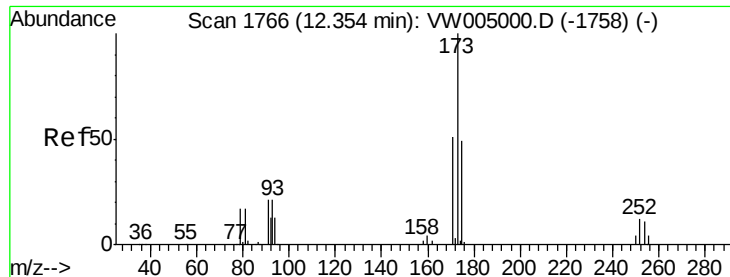
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#70
Styrene
Concen: 8.981 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.6	56.4
103	55.6	43.9	65.9





#71

Bromoform

Concen: 9.352 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

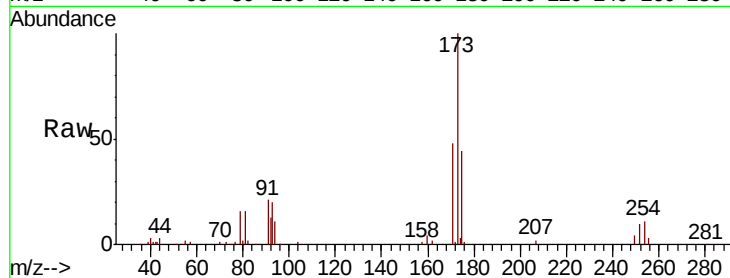
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.3	73.0
254	0.0	0.1	0.1#

Manual Integrations
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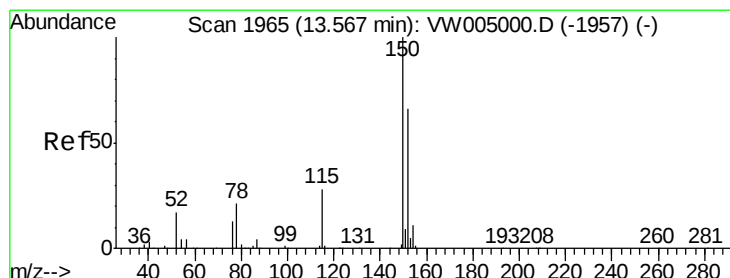
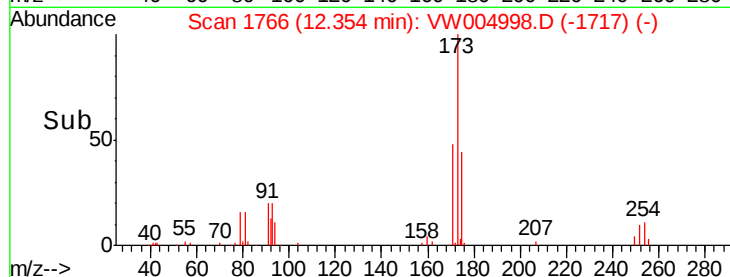
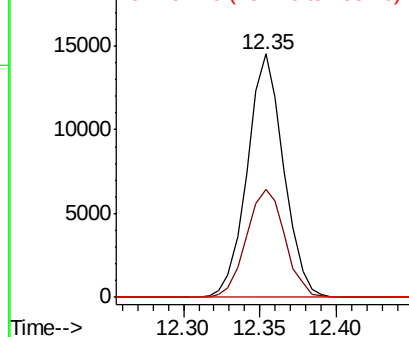


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

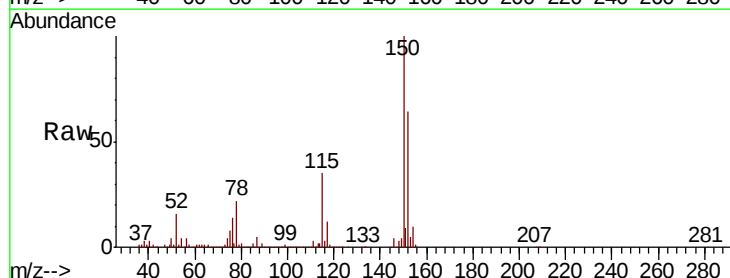
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.0	83.9
150	158.5	0.0	347.2

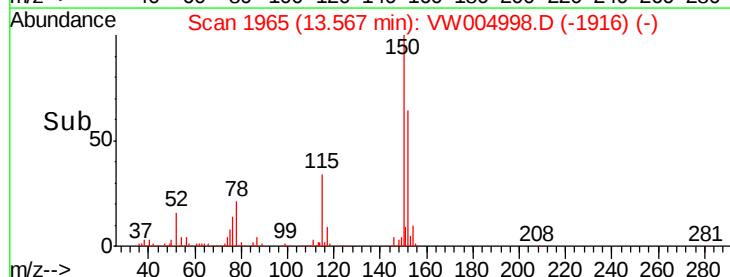
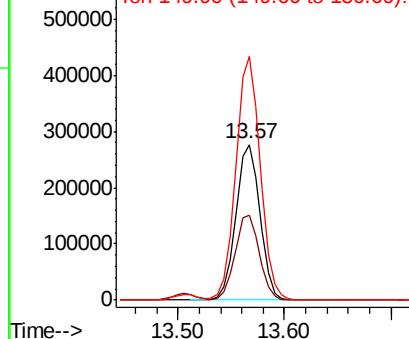


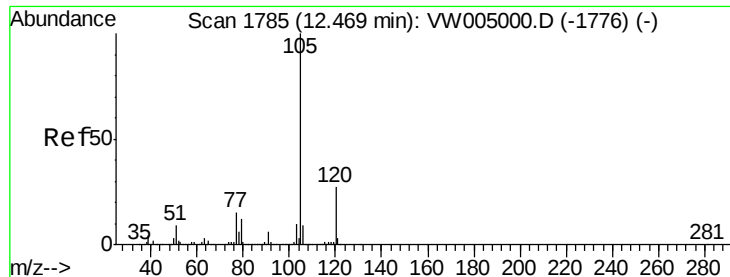
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.886 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 260539

Ion Ratio Lower Upper

105 100

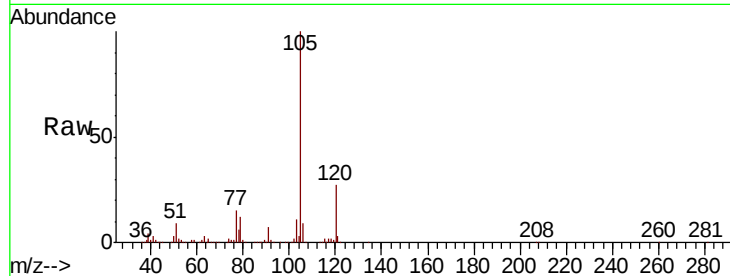
120 26.9 13.4 40.2

Manual Integrations

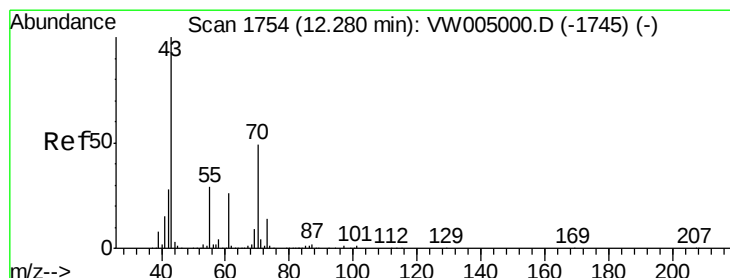
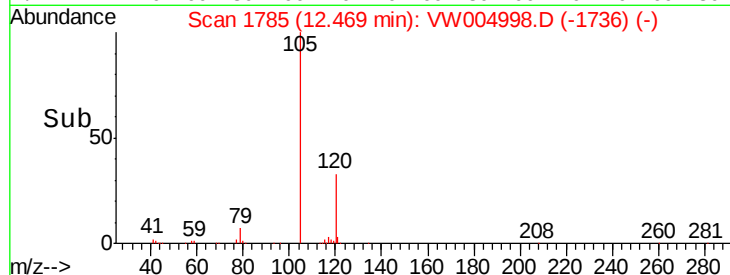
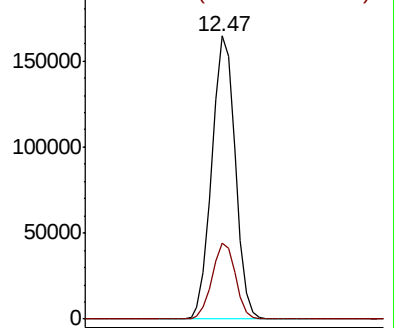
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apatel

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Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 9.000 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion: 43 Resp: 49798

Ion Ratio Lower Upper

43 100

70 46.4 38.6 57.8

55 30.8 23.6 35.4

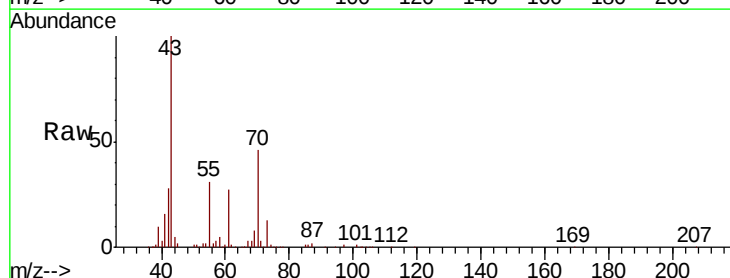
61 25.6 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VW

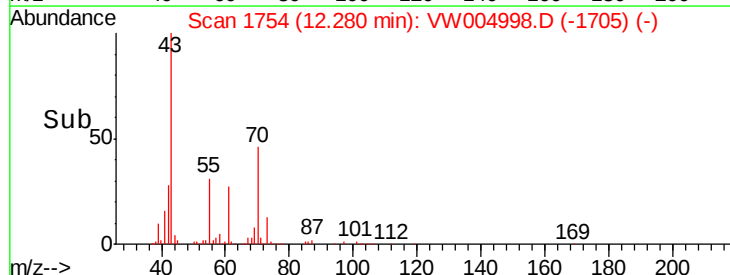
Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Abundance Scan 1754 (12.280 min): VW004998.D (-1705) (-)



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Abundance Ion 43.00 (42.70 to 43.70): VW

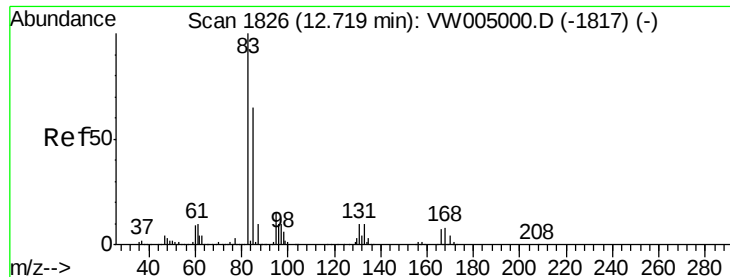
Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 9.709 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

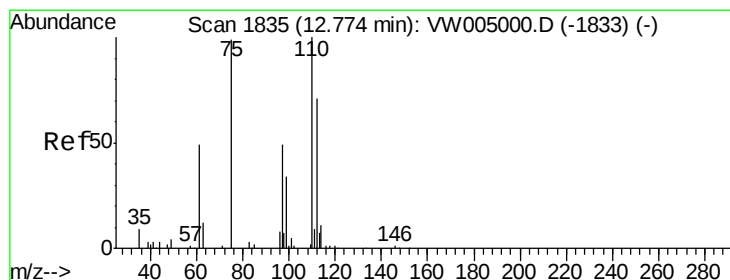
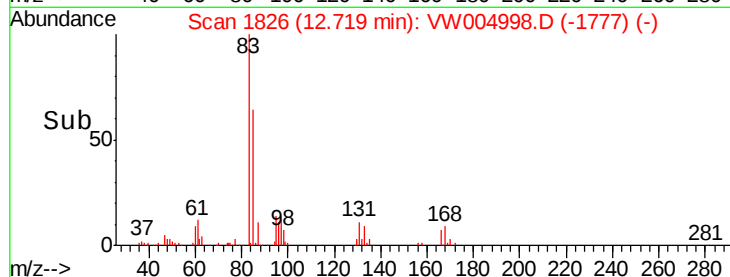
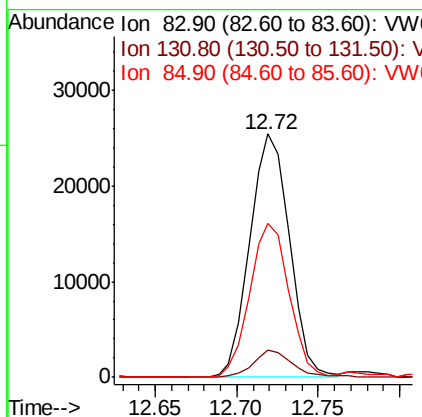
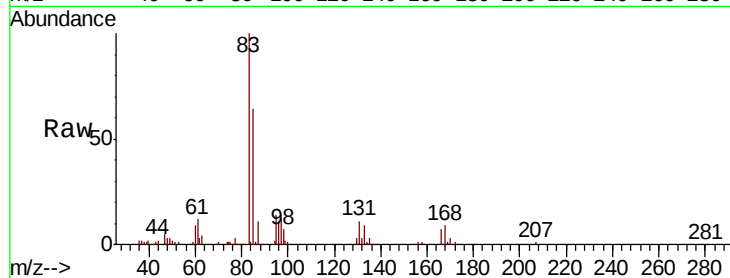
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	43104
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.5
85	63.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 5.324 ug/l m

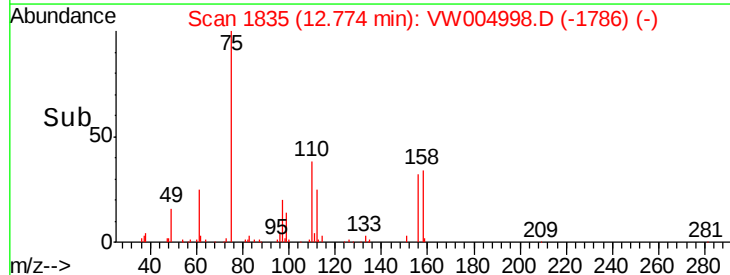
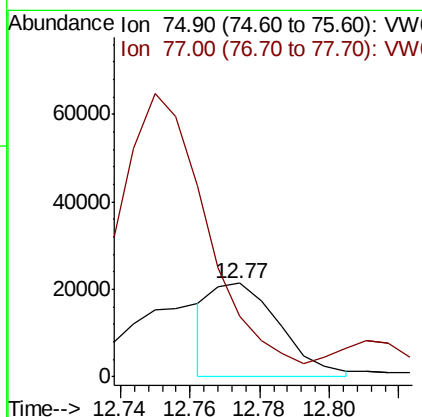
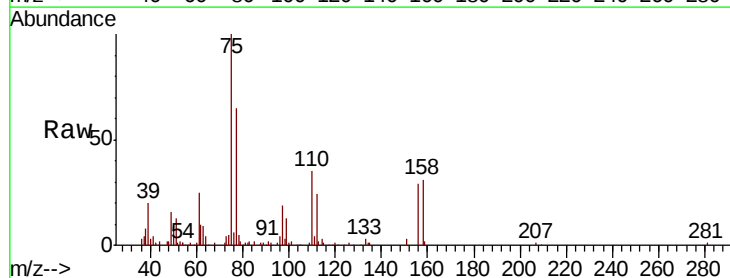
RT: 12.77 min Scan# 1835

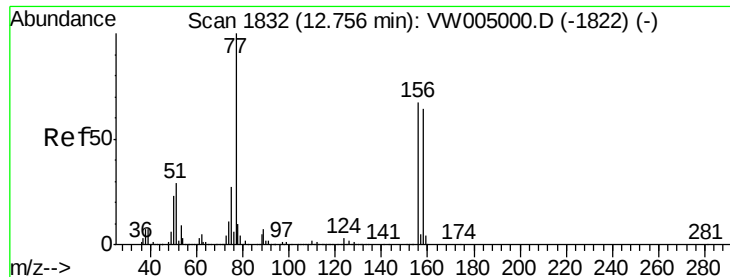
Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion:	75	Resp:	29232
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





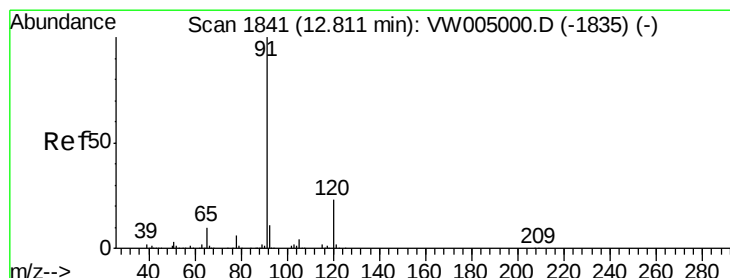
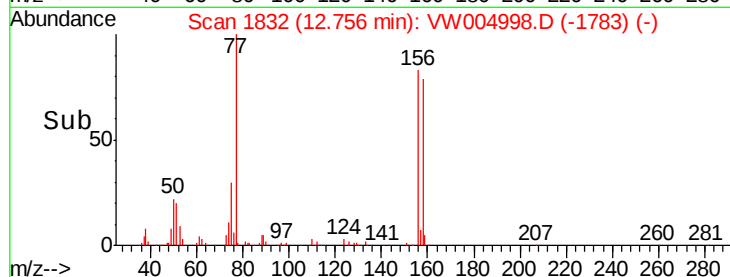
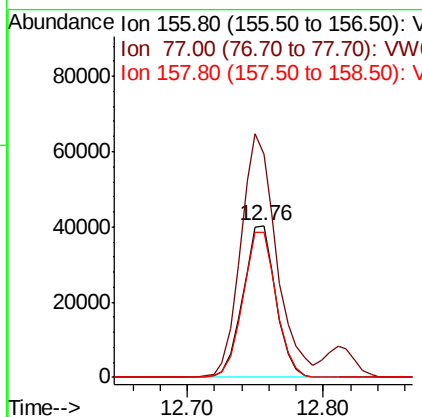
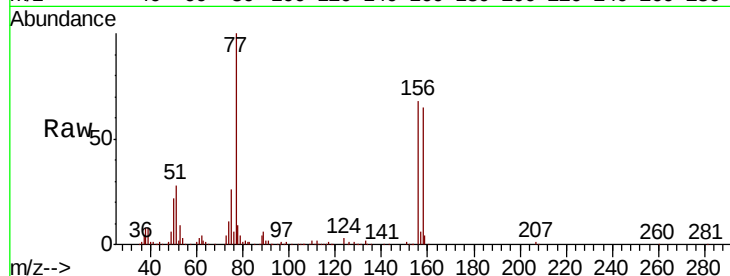
#77
Bromobenzene
Concen: 9.401 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.1	86.9	260.6
158	97.7	48.6	145.9

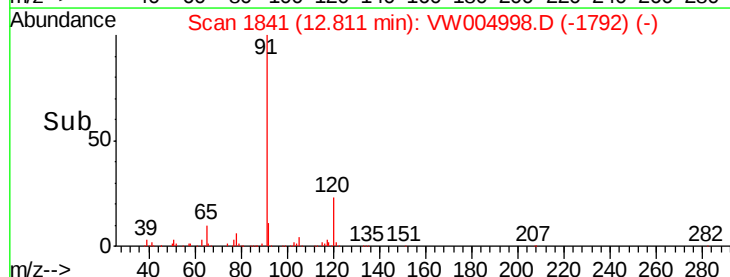
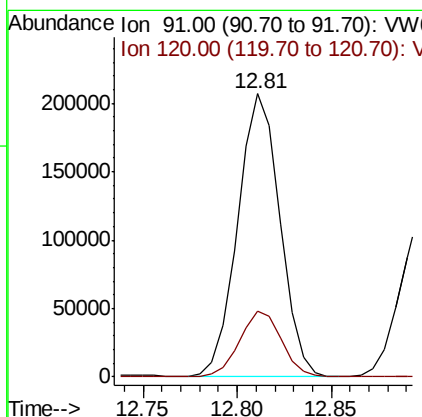
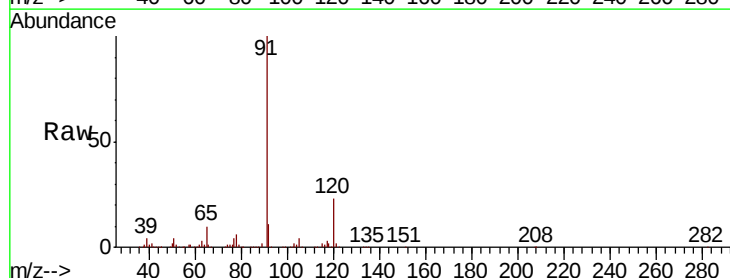
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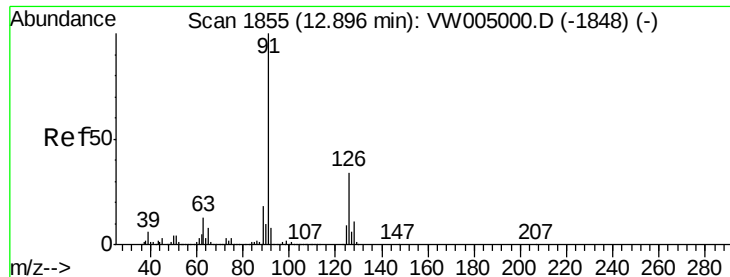
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#78
n-propylbenzene
Concen: 8.873 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 9.181 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 191780

Ion Ratio Lower Upper

91 100

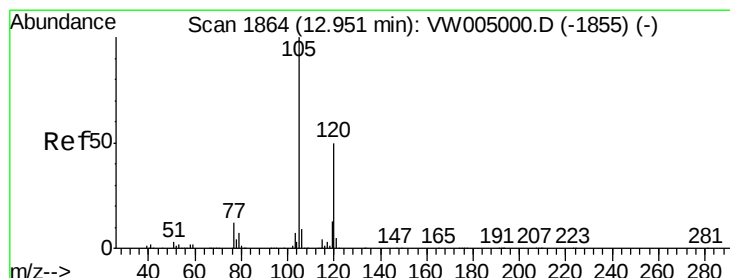
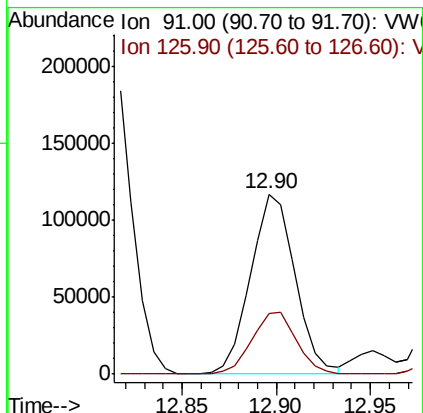
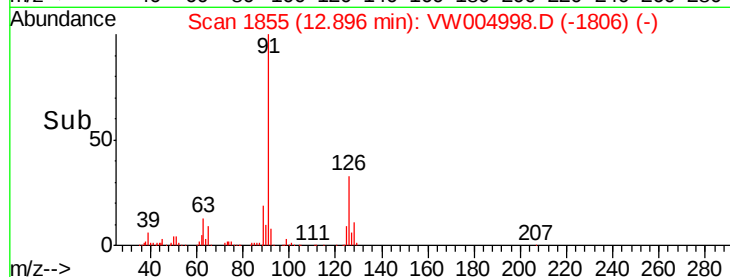
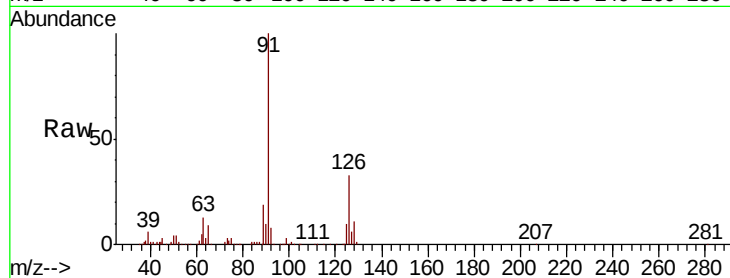
126 34.4 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 8.863 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004998.D

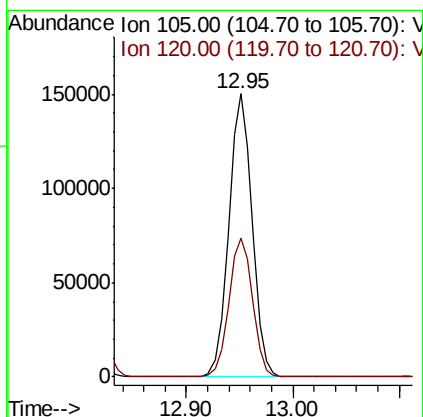
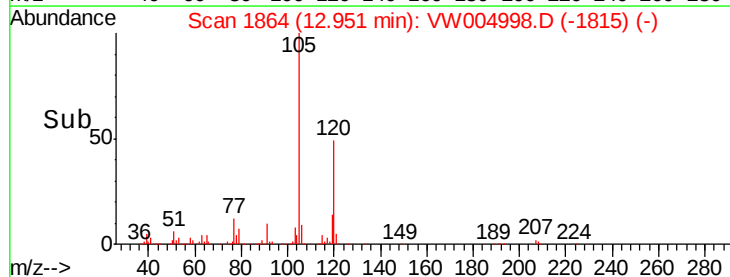
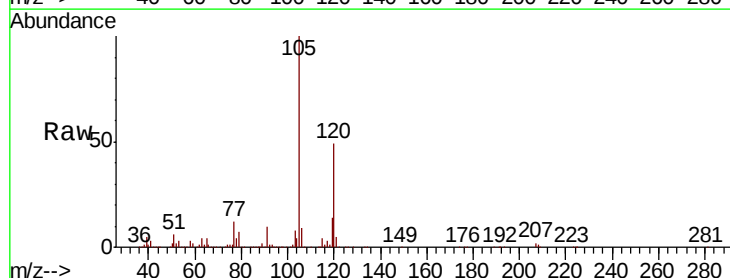
Acq: 29 Aug 2018 12:36

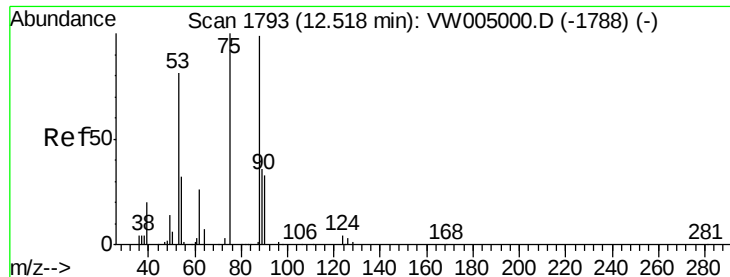
Tgt Ion:105 Resp: 229592

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 9.152 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

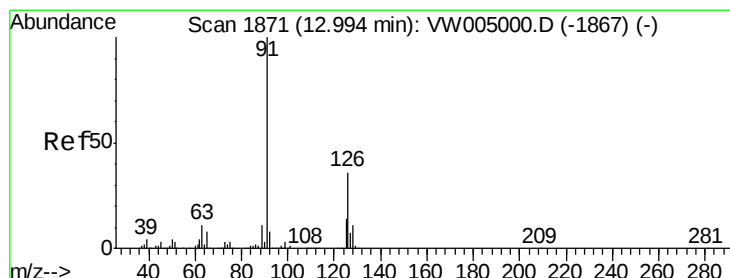
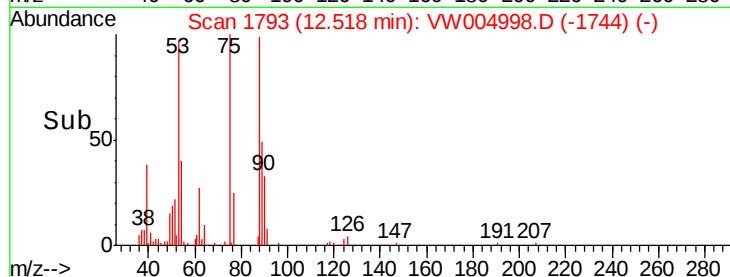
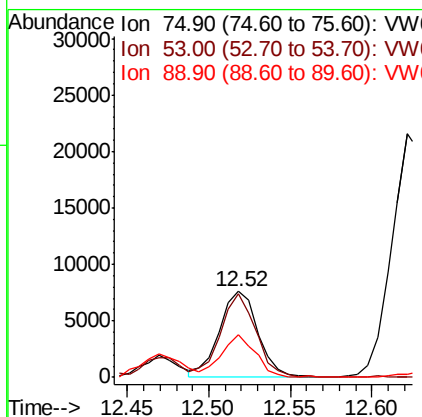
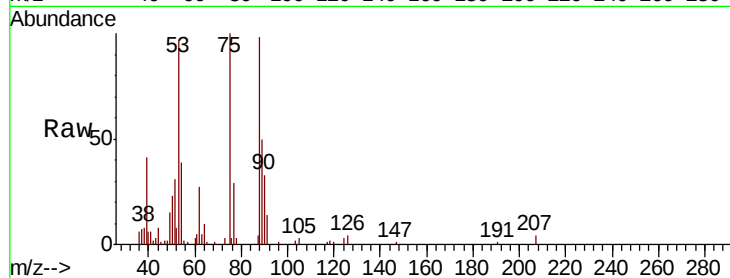
ClientSampled :

VSTDIC010

Tot Ion:	75	Resp:	12615
Ion	Ratio	Lower	Upper
75	100		
53	89.1	67.4	101.2
89	44.3	35.0	52.6

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#82

4-Chlorotoluene

Concen: 9.379 ug/l

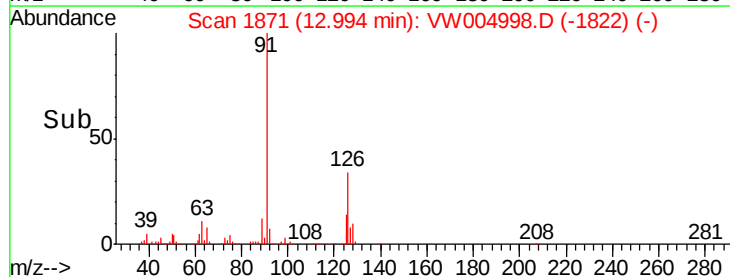
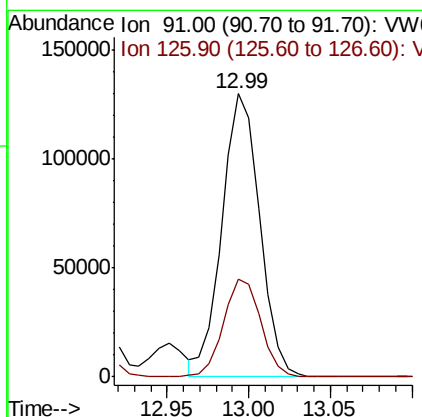
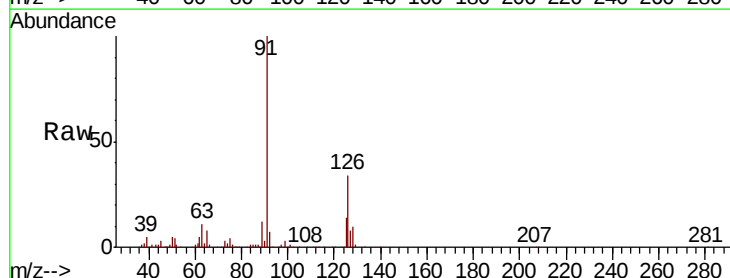
RT: 12.99 min Scan# 1871

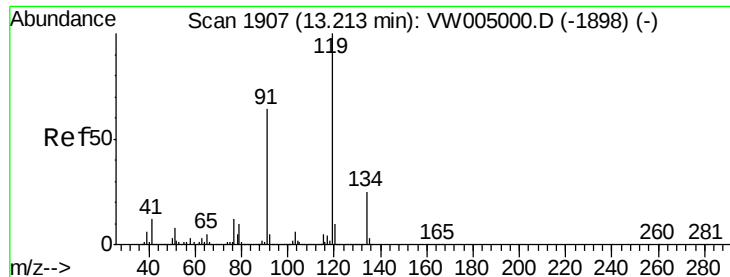
Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion:	91	Resp:	208736
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.5	52.5





#83

tert-Butylbenzene

Concen: 8.903 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

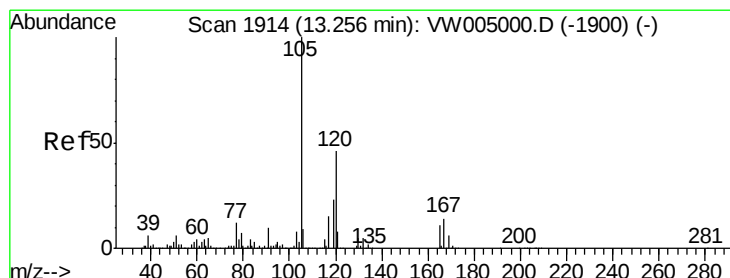
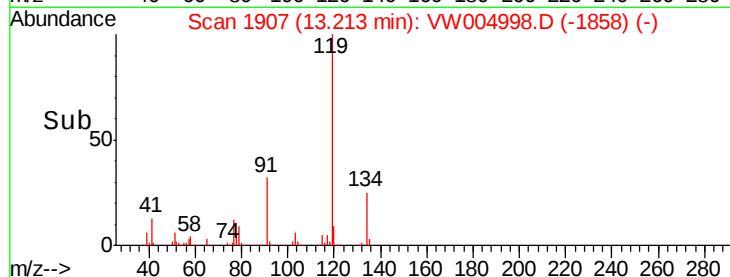
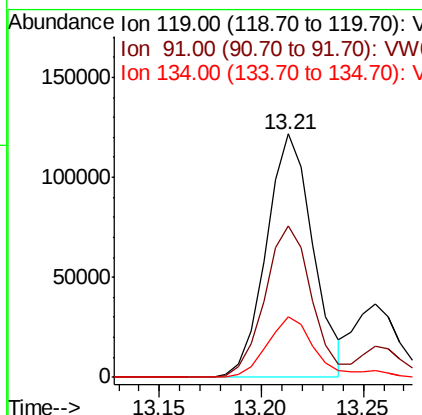
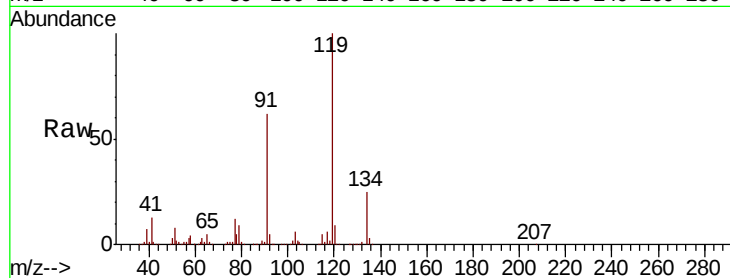
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		193714		
91	63.1	31.9	95.5		
134	24.5	13.2	39.5		

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#84

1,2,4-Trimethylbenzene

Concen: 8.875 ug/l

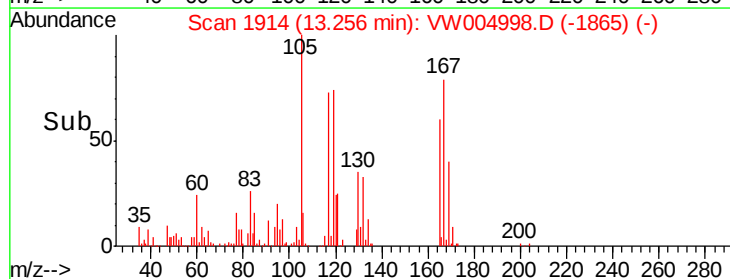
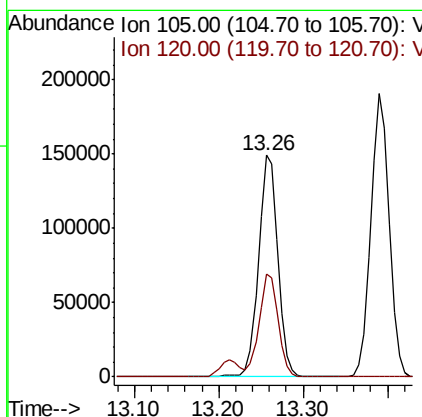
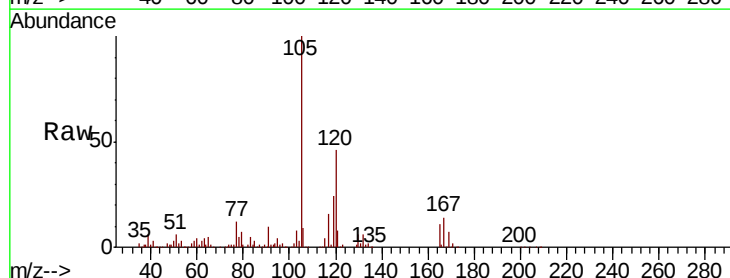
RT: 13.26 min Scan# 1914

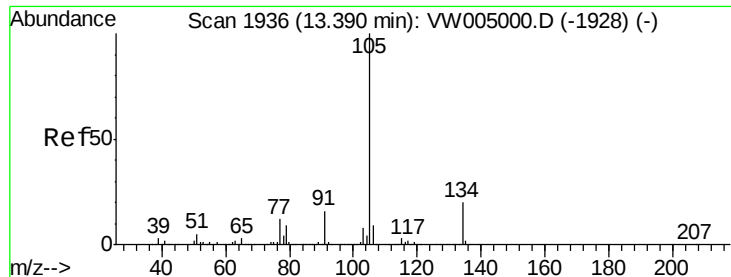
Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		233277		
120	45.7	22.9	68.7		





#85

sec-Butylbenzene

Concen: 9.015 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 287941

Ion Ratio Lower Upper

105 100

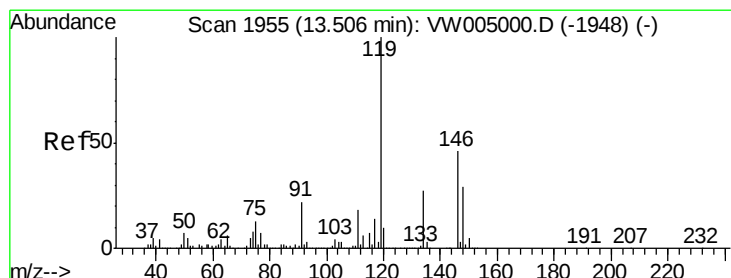
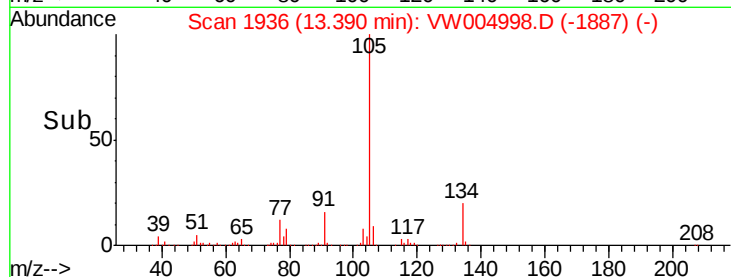
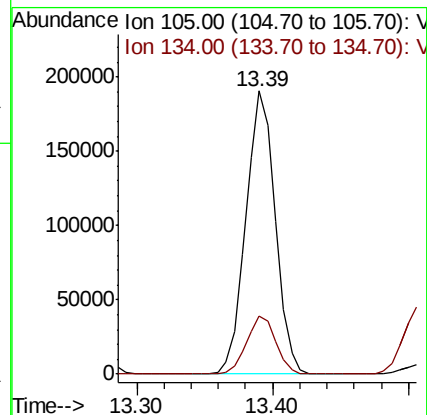
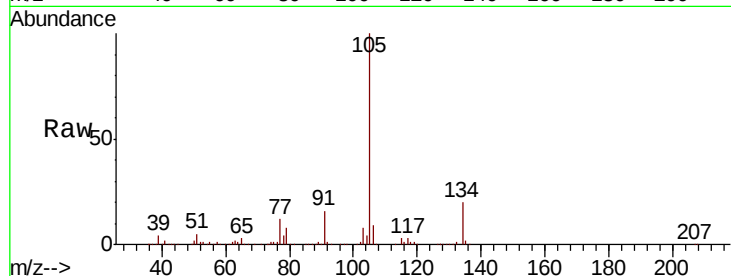
134 20.5 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 8.837 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

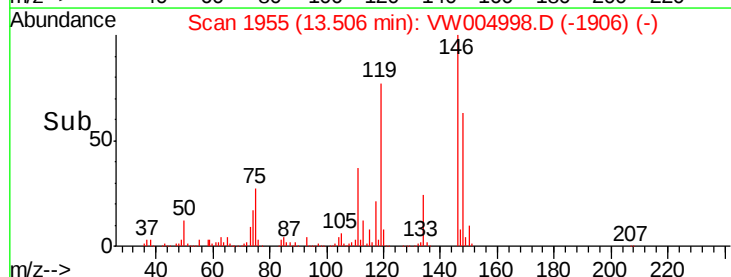
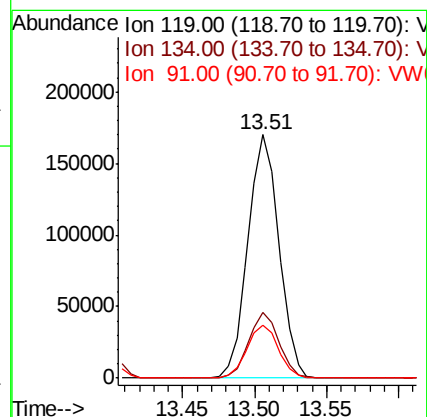
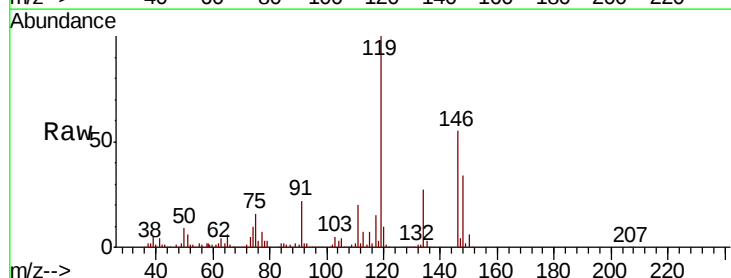
Tgt Ion:119 Resp: 252858

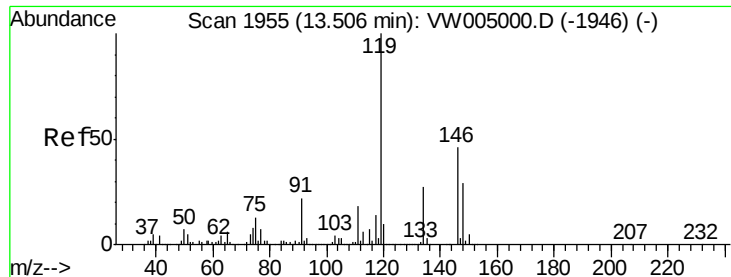
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 9.538 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

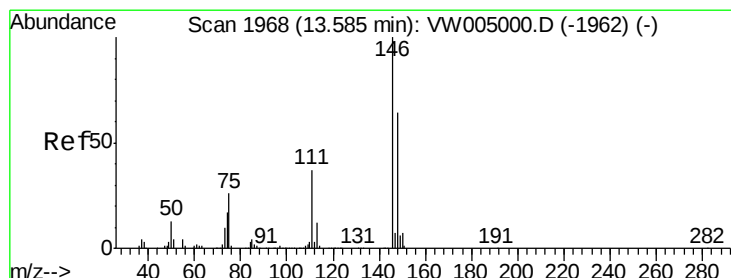
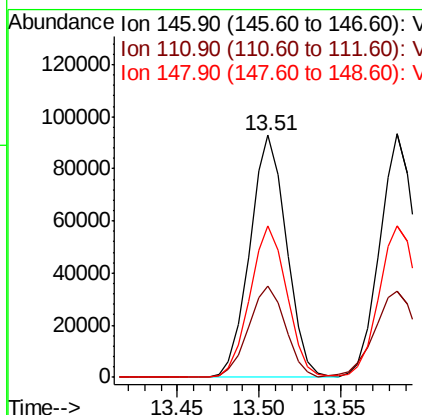
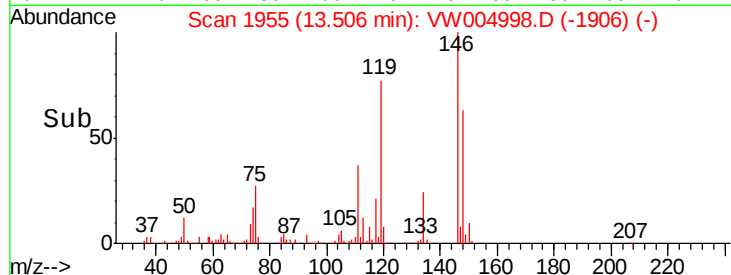
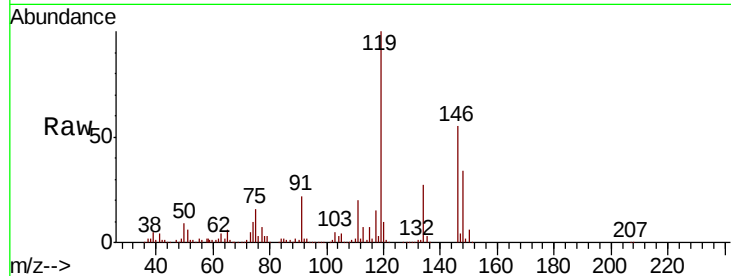
ClientSampled :

VSTDIC010

Tot Ion:	146	Resp:	145459
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.3	57.8
148	63.2	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 9.634 ug/l

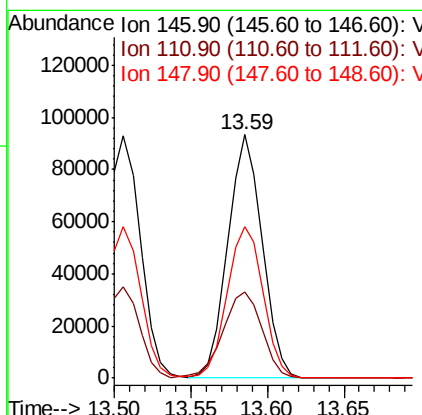
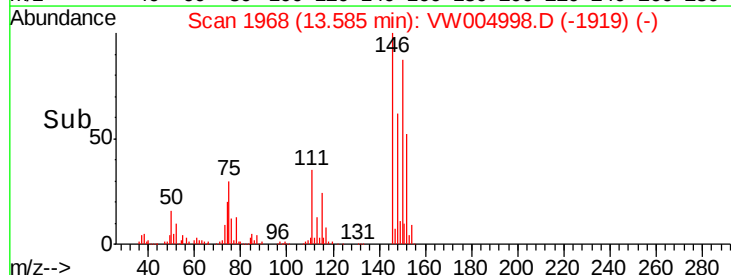
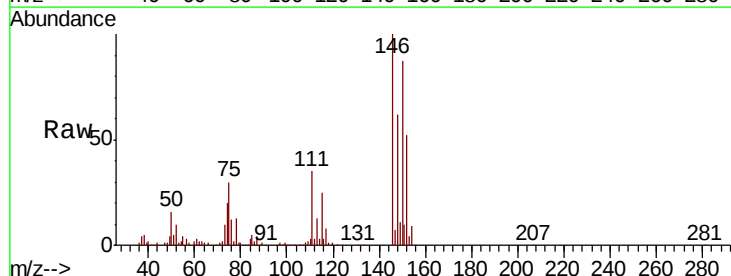
RT: 13.59 min Scan# 1968

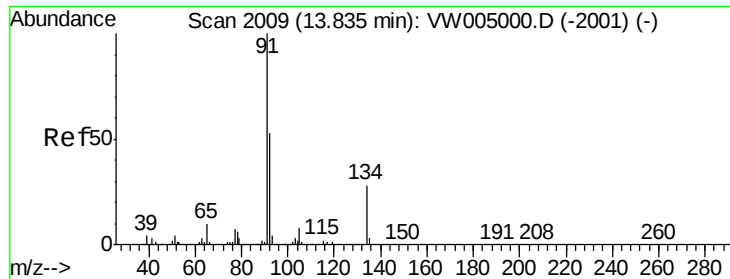
Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion:	146	Resp:	145544
Ion Ratio	Lower	Upper	
146	100		
111	40.1	18.7	56.1
148	65.0	31.7	95.1





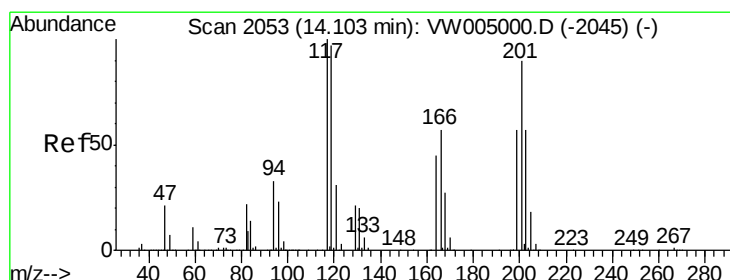
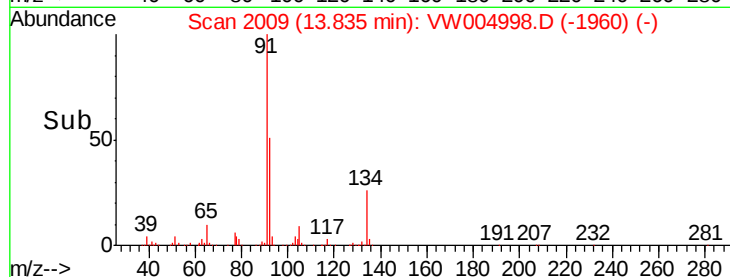
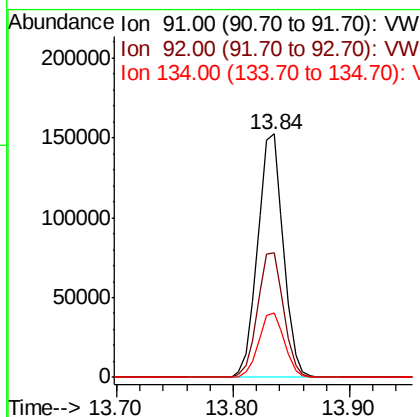
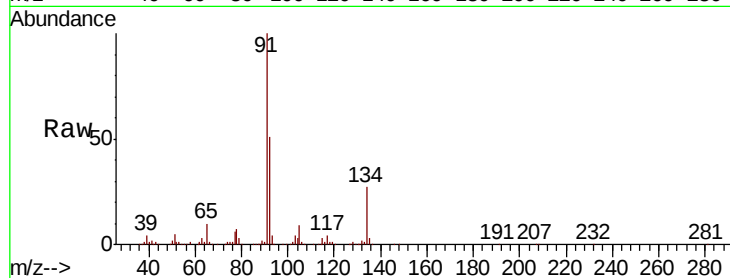
#89
n-Butylbenzene
Concen: 8.660 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.5	79.4
134	26.4	13.4	40.1

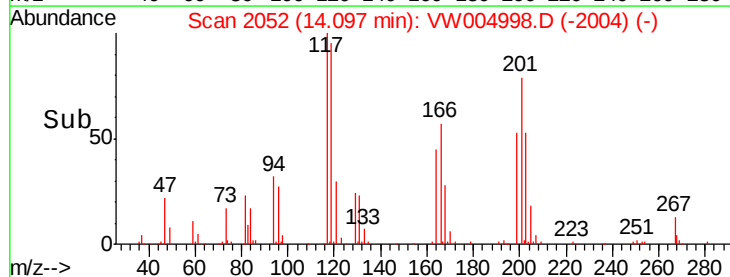
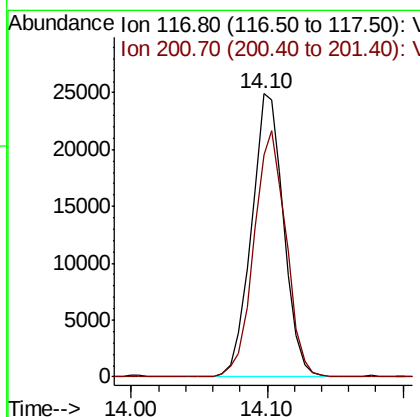
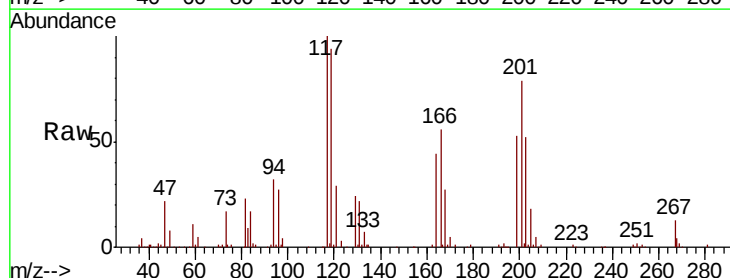
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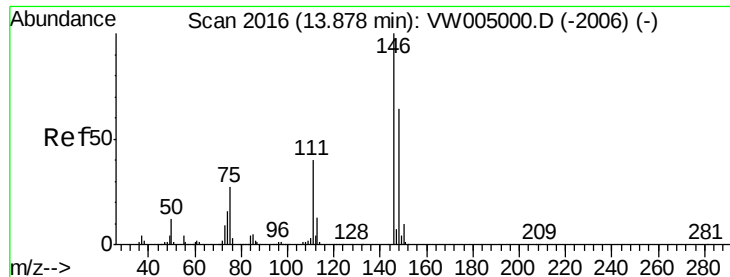
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#90
Hexachloroethane
Concen: 9.169 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	44.3	132.8





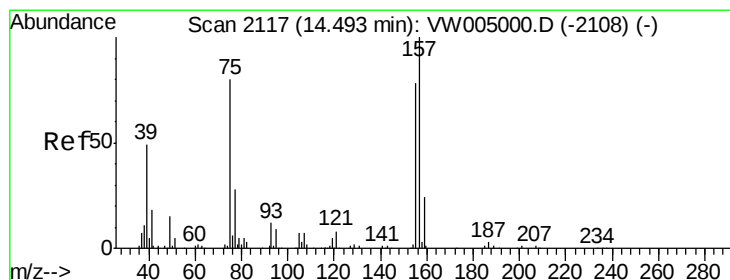
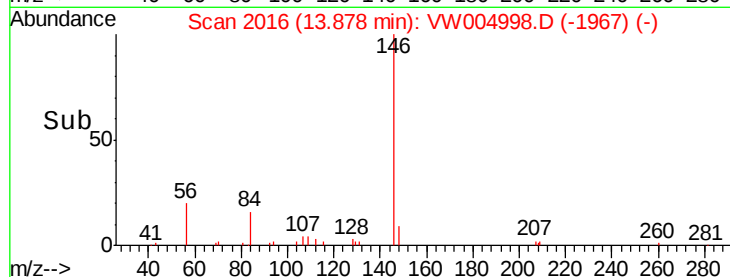
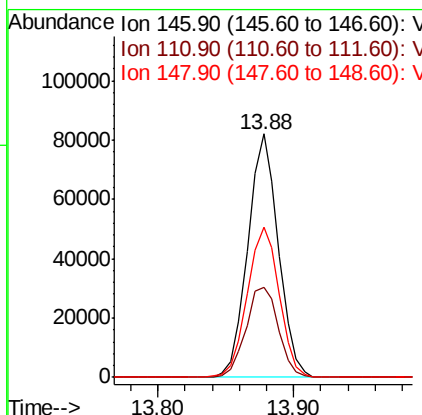
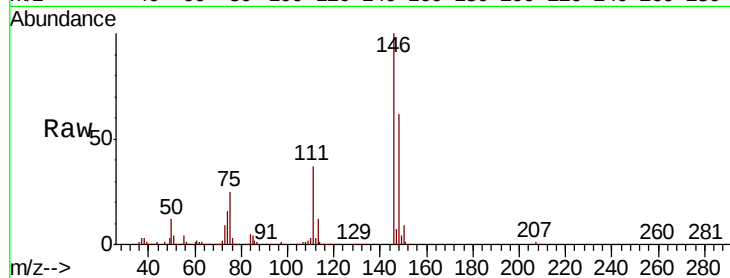
#91
 1,2-Dichlorobenzene
 Concen: 9.615 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129080		
111	39.4		19.9	59.7
148	64.5		31.9	95.7

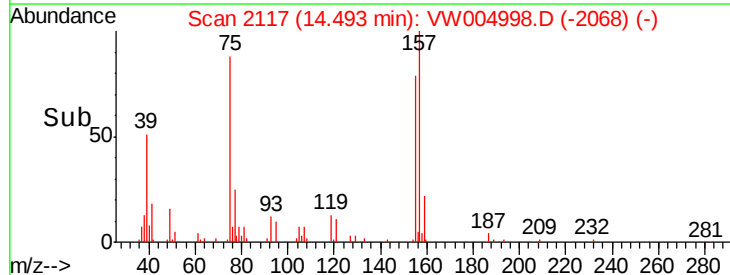
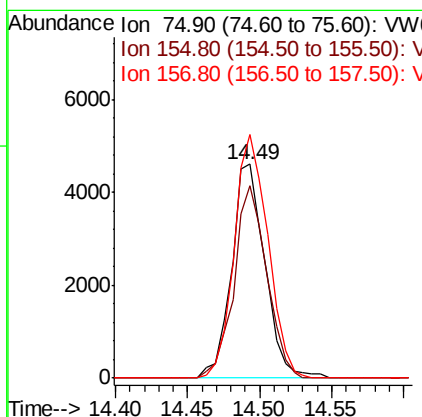
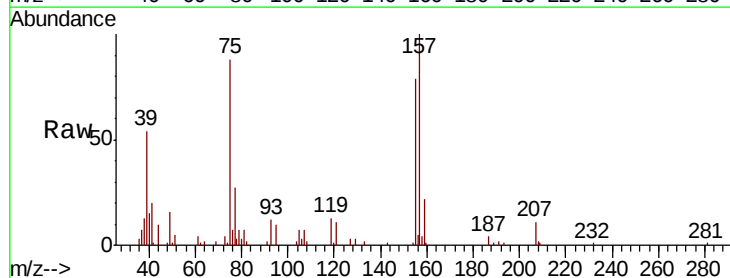
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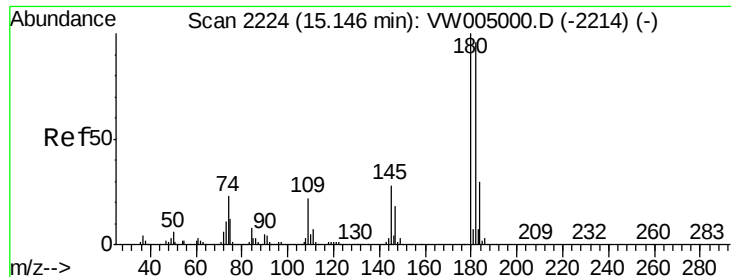
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.743 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7470		
155	87.8		46.1	138.2
157	114.6		58.7	176.1





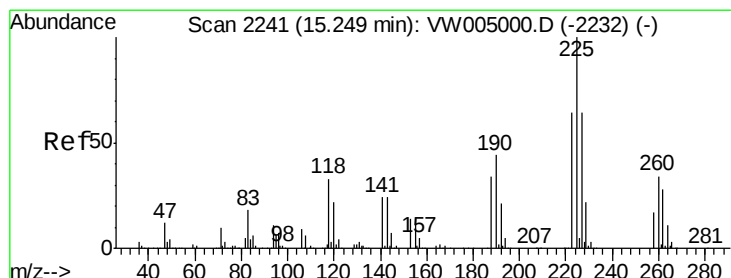
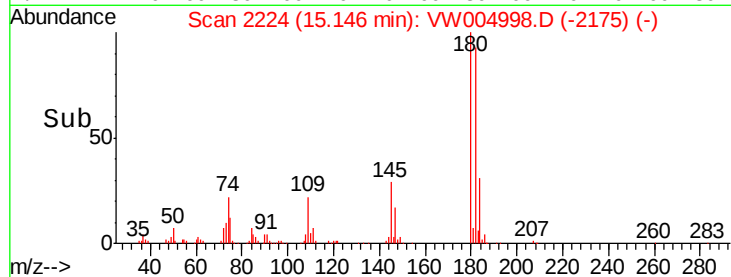
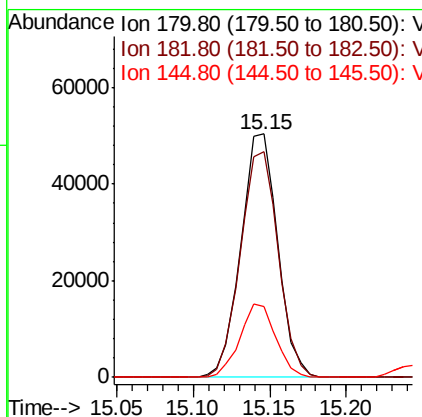
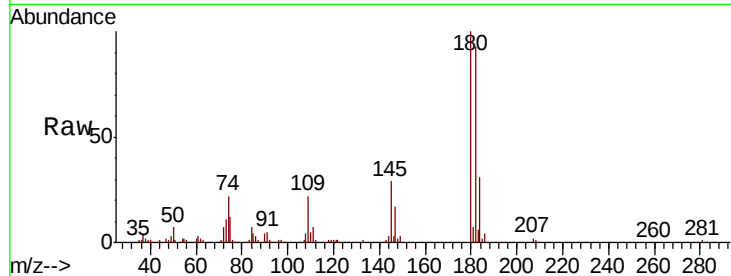
#93
 1,2,4-Trichlorobenzene
 Concen: 8.964 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	180	Resp:	84306
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.6	142.8
145	29.4	14.3	42.9

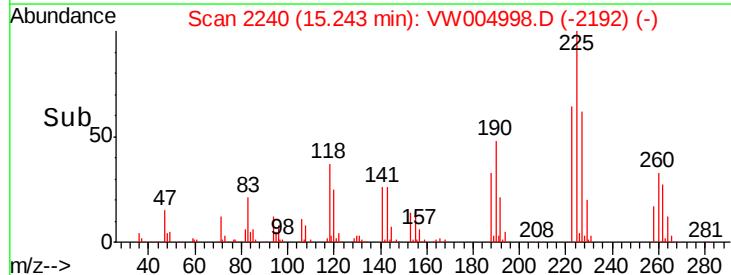
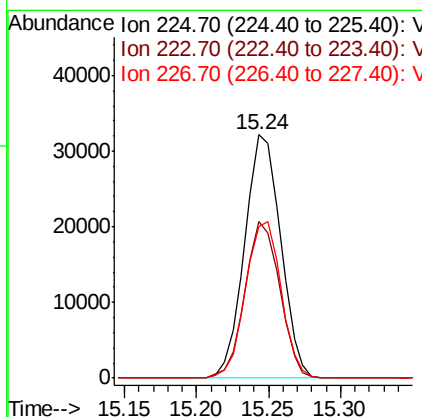
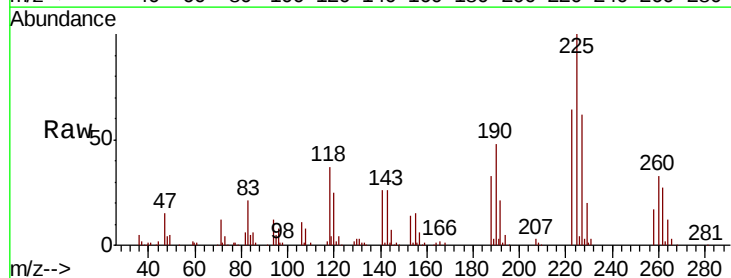
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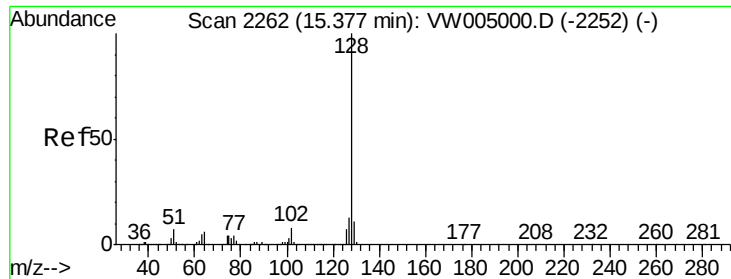
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#94
 Hexachlorobutadiene
 Concen: 9.494 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion:	225	Resp:	55893
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.0	96.0
227	63.2	31.9	95.7





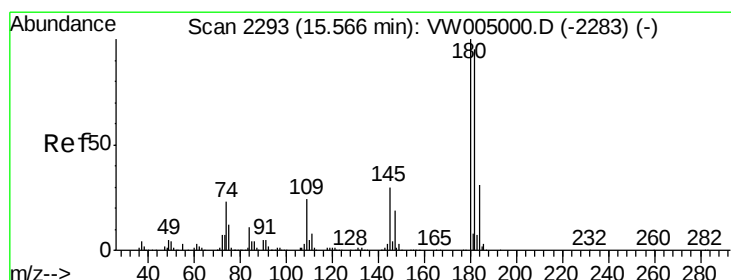
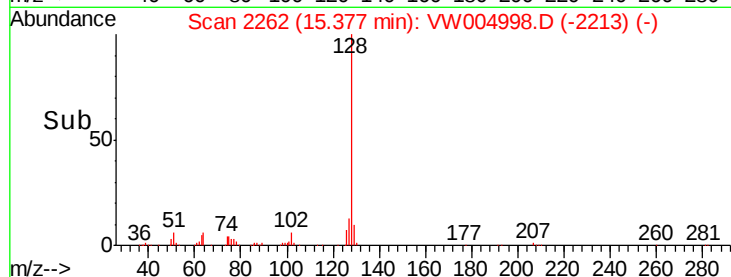
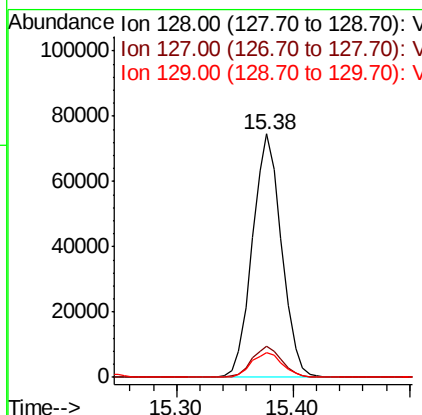
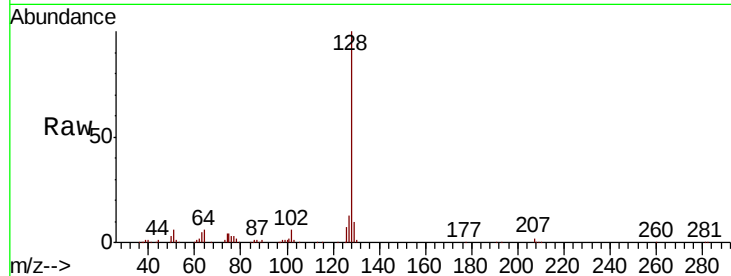
#95
Naphthalene
Concen: 8.418 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 9.111 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	30.9	15.1	45.3

