

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005055.D
 Acq On : 01 Sep 2018 00:13
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 9/4/2018 9:36:51 AM

Quant Time: Sep 01 03:19:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	495289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	716537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	722520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	399577	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	43557	12.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.02%	
35) Dibromofluoromethane	7.90	113	42306	11.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.22%	
50) Toluene-d8	10.33	98	193441	9.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.78%	
62) 4-Bromofluorobenzene	12.62	95	68319	9.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	46622	10.95	ug/l	96
3) Chloromethane	2.22	50	63180	10.37	ug/l	93
4) Vinyl Chloride	2.36	62	59538	9.83	ug/l	99
5) Bromomethane	2.77	94	44702	11.21	ug/l	97
6) Chloroethane	2.92	64	36793	10.16	ug/l	100
7) Trichlorofluoromethane	3.26	101	64833	10.32	ug/l	96
8) Diethyl Ether	3.69	74	22984	12.33	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44694	11.31	ug/l	97
10) Methyl Iodide	4.28	142	47648	8.80	ug/l	100
11) Tert butyl alcohol	5.20	59	15315	60.43	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	39704	10.80	ug/l	98
13) Acrolein	3.90	56	13431	47.63	ug/l	96
14) Allyl chloride	4.68	41	59700	10.49	ug/l	99
15) Acrylonitrile	5.38	53	48328	52.48	ug/l	98
16) Acetone	4.14	43	42329	54.54	ug/l	96
17) Carbon Disulfide	4.38	76	137554	9.14	ug/l	97
18) Methyl Acetate	4.68	43	21874	11.31	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	92950	11.49	ug/l	98
20) Methylene Chloride	4.93	84	76490	11.78	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	48943	12.01	ug/l	98
22) Diisopropyl ether	6.32	45	125474	10.78	ug/l	97
23) Vinyl Acetate	6.26	43	334687	55.83	ug/l	97
24) 1,1-Dichloroethane	6.23	63	81632	11.51	ug/l	99
25) 2-Butanone	7.18	43	75382	61.45	ug/l	96
26) 2,2-Dichloropropane	7.17	77	69260	11.25	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	52131	11.69	ug/l	95
28) Bromochloromethane	7.52	49	33822	11.09	ug/l	99
29) Tetrahydrofuran	7.54	42	35459	56.65	ug/l	100
30) Chloroform	7.68	83	84541	12.03	ug/l	100
31) Cyclohexane	7.96	56	80980	10.98	ug/l #	91
32) 1,1,1-Trichloroethane	7.88	97	75059	11.73	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68478	11.10	ug/l	99
37) Ethyl Acetate	7.26	43	26465	11.72	ug/l	99
38) Carbon Tetrachloride	8.08	117	66700	11.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75789	9.00	ug/l	98
40) Benzene	8.33	78	206313	10.48	ug/l	100
41) Methacrylonitrile	7.49	41	15188	11.42	ug/l	98
42) 1,2-Dichloroethane	8.41	62	52961	11.85	ug/l	100
43) Isopropyl Acetate	8.43	43	45679	10.33	ug/l	98
44) Trichloroethene	9.10	130	55885	11.02	ug/l	93
45) 1,2-Dichloropropane	9.37	63	51034	11.24	ug/l	100
46) Dibromomethane	9.46	93	25436	11.70	ug/l	98
47) Bromodichloromethane	9.65	83	61646	11.47	ug/l	95
48) Methyl methacrylate	9.44	41	20584	8.98	ug/l	95
49) 1,4-Dioxane	9.46	88	8008	182.74	ug/l #	86
51) 4-Methyl-2-Pentanone	10.22	43	154627	47.35	ug/l	98
52) Toluene	10.39	92	137809	9.47	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56722	10.07	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	70843	10.71	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38609	11.00	ug/l	95
56) Ethyl methacrylate	10.65	69	39522	8.73	ug/l	99
57) 1,3-Dichloropropane	10.94	76	62231	10.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92953	47.18	ug/l	98
59) 2-Hexanone	10.98	43	102726	43.77	ug/l	99
60) Dibromochloromethane	11.13	129	42122	10.95	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34467	10.58	ug/l	100
64) Tetrachloroethene	10.87	164	55486	10.39	ug/l	97
65) Chlorobenzene	11.66	112	160704	10.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	47407	10.69	ug/l	98
67) Ethyl Benzene	11.74	91	258509	9.42	ug/l	100
68) m/p-Xylenes	11.85	106	209410	18.78	ug/l	100
69) o-Xylene	12.17	106	94285	9.26	ug/l	100
70) Styrene	12.19	104	156774	9.27	ug/l	100
71) Bromoform	12.35	173	25832	10.54	ug/l #	99
73) Isopropylbenzene	12.47	105	253269	9.34	ug/l	99
74) N-amyl acetate	12.28	43	44556	8.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42081	10.34	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33919m	11.86	ug/l	
77) Bromobenzene	12.75	156	66735	10.04	ug/l	99
78) n-propylbenzene	12.81	91	309325	9.28	ug/l	100
79) 2-Chlorotoluene	12.90	91	185254	9.62	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	223556	9.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10968	8.79	ug/l	92
82) 4-Chlorotoluene	12.99	91	200404	9.79	ug/l	100
83) tert-Butylbenzene	13.21	119	182917	9.12	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	227110	9.36	ug/l	100
85) sec-Butylbenzene	13.39	105	275309	9.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	240531	9.14	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137741	9.83	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	139531	10.06	ug/l	98
89) n-Butylbenzene	13.83	91	220740	8.96	ug/l	98
90) Hexachloroethane	14.10	117	40846	9.84	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122686	9.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6720	9.63	ug/l	97

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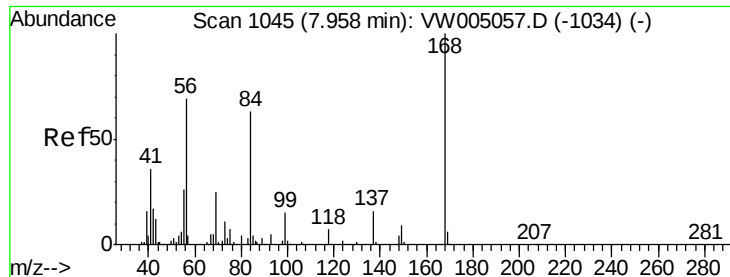
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78481	9.14	ug/l	100
94) Hexachlorobutadiene	15.24	225	50440	9.40	ug/l	99
95) Naphthalene	15.38	128	114112	8.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67140	8.89	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 495289

Ion Ratio Lower Upper

168 100

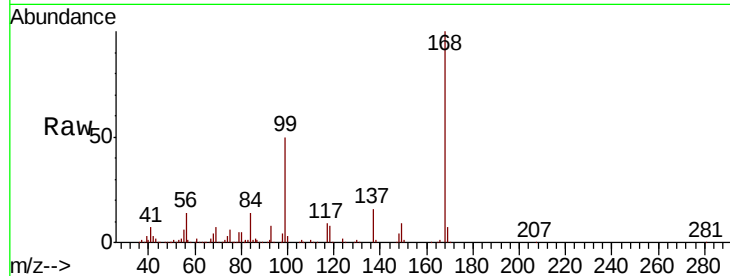
99 50.3 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

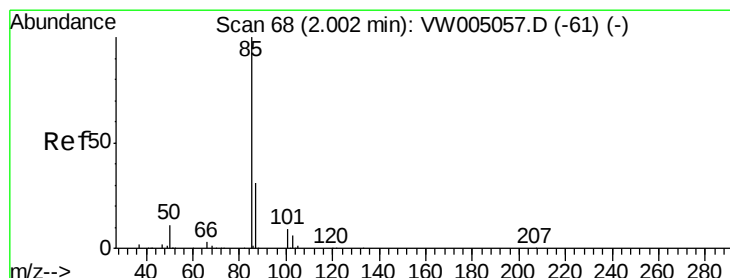
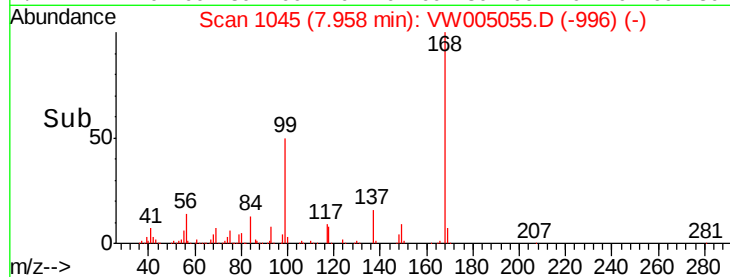
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50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 10.95 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005055.D

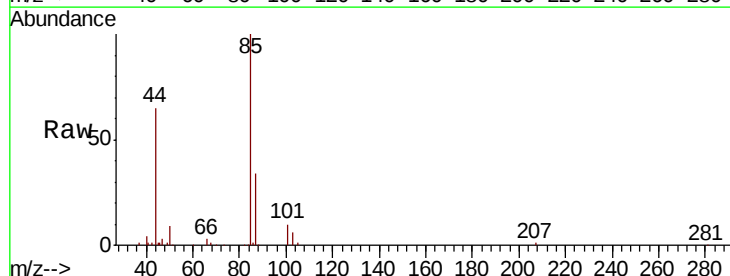
Acq: 01 Sep 2018 00:13

Tgt Ion: 85 Resp: 46622

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

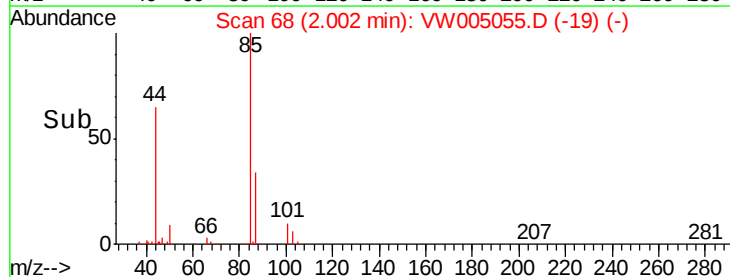
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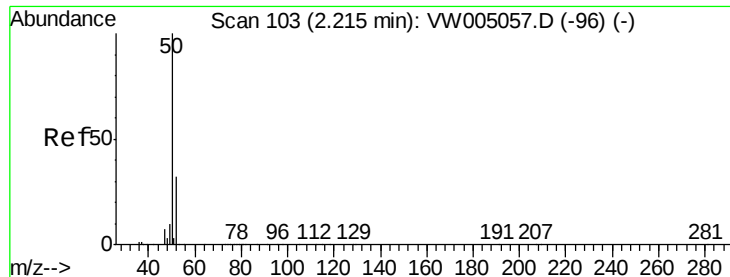
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 10.37 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 63180

Ion Ratio Lower Upper

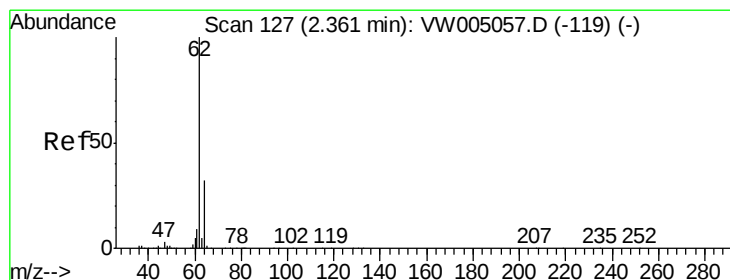
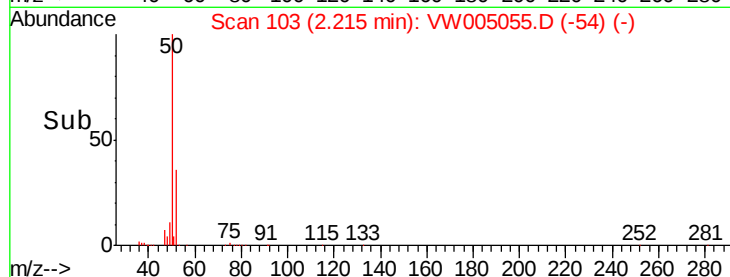
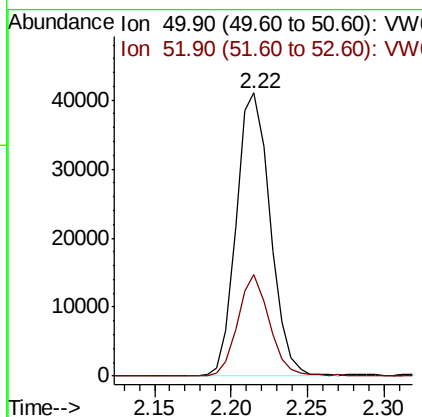
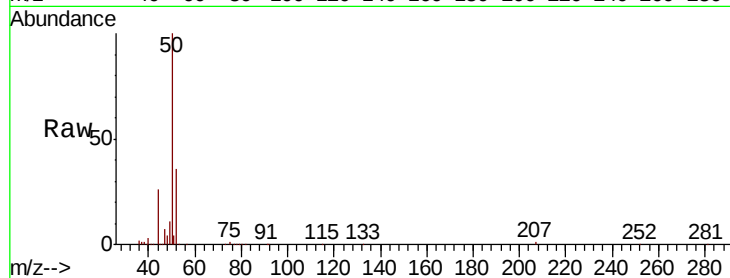
50 100

52 35.9 25.8 38.6

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#4

Vinyl Chloride

Concen: 9.83 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005055.D

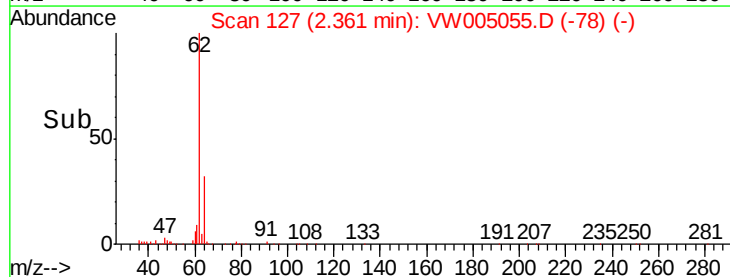
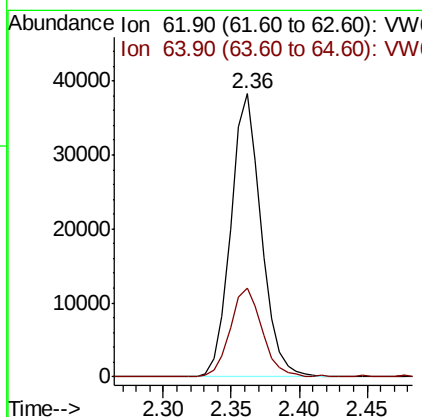
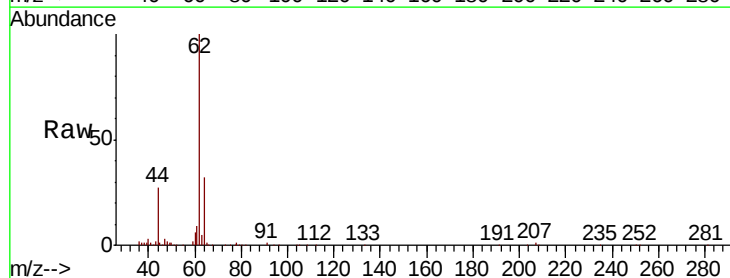
Acq: 01 Sep 2018 00:13

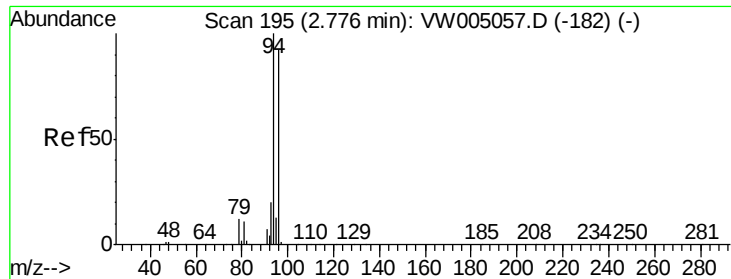
Tgt Ion: 62 Resp: 59538

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 11.21 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 44702

Ion Ratio Lower Upper

94 100

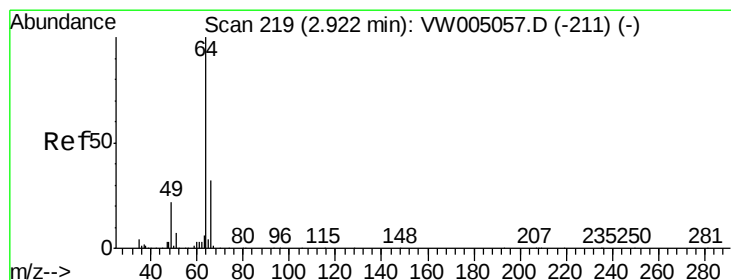
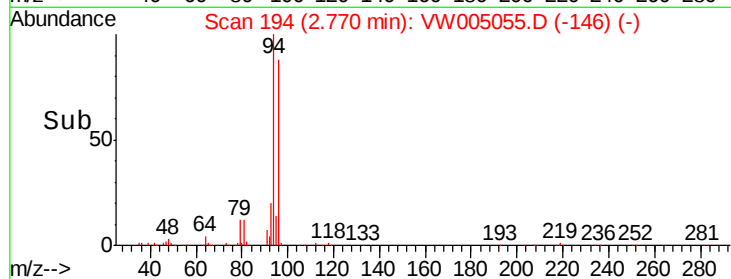
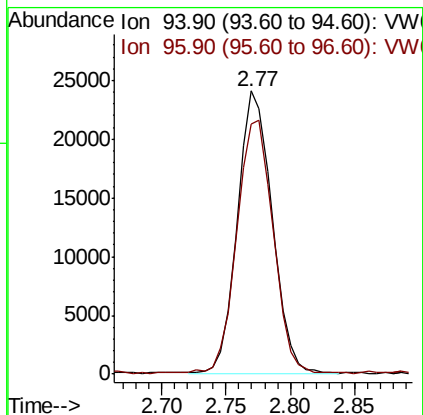
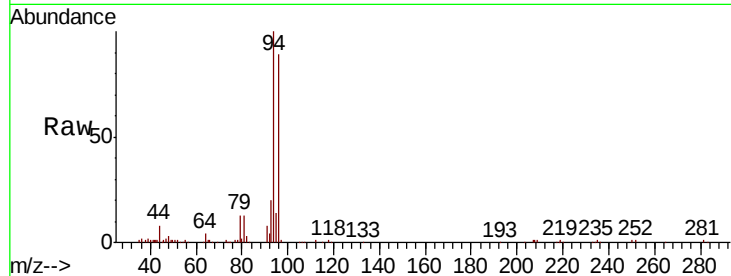
96 88.2 73.2 109.8

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#6

Chloroethane

Concen: 10.16 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005055.D

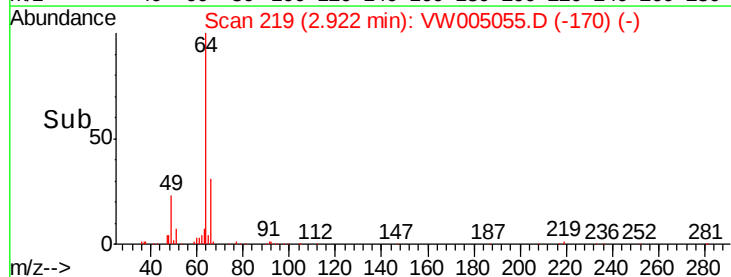
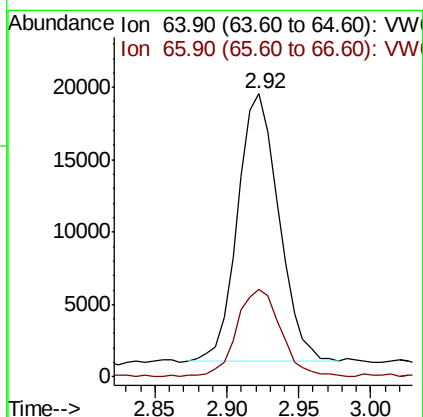
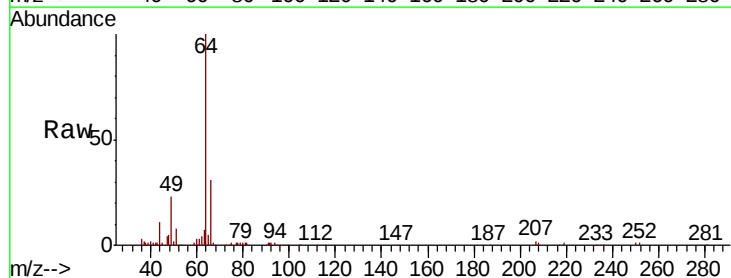
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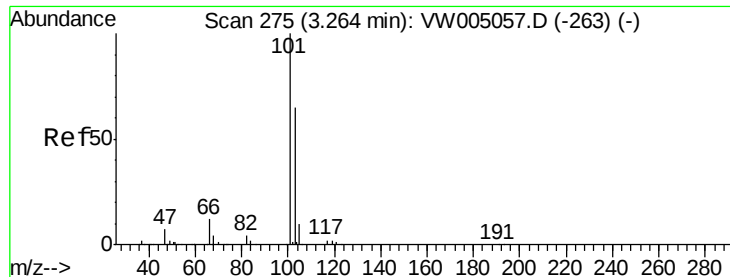
Tgt Ion: 64 Resp: 36793

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5





#7

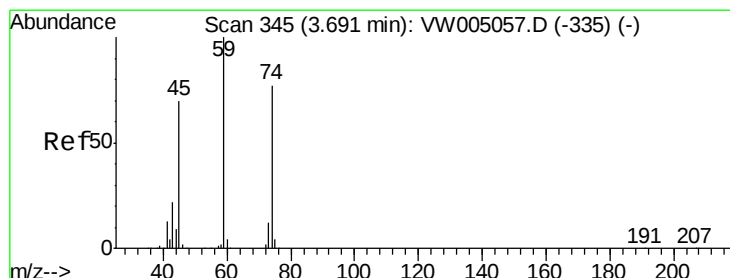
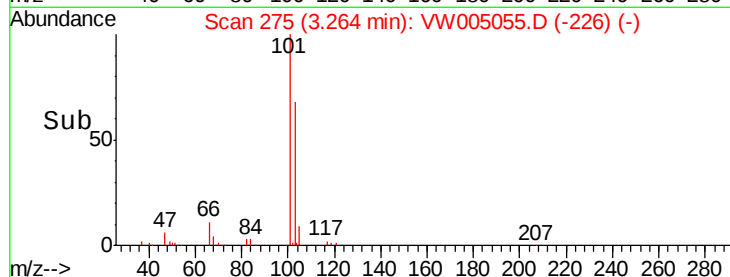
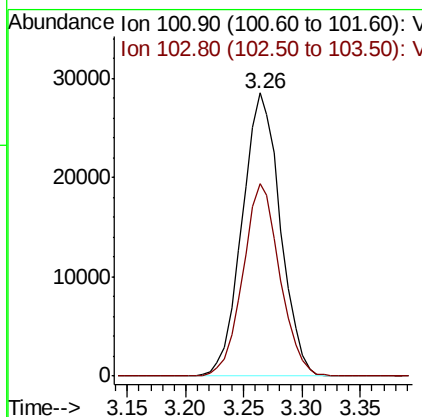
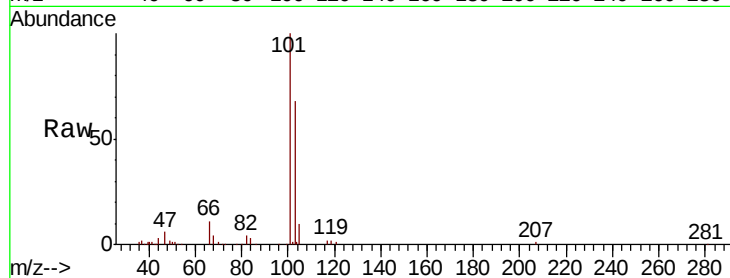
Trichlorofluoromethane
 Concen: 10.32 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.9	77.9

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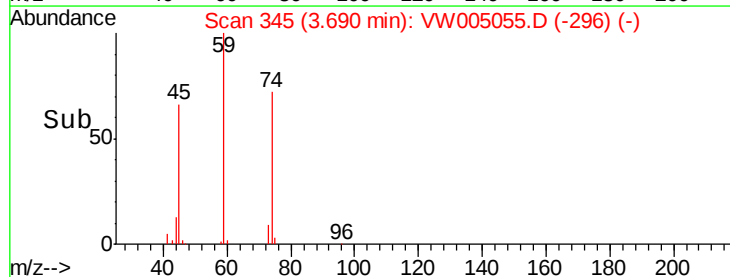
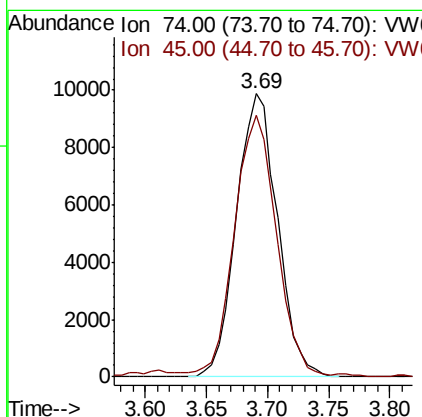
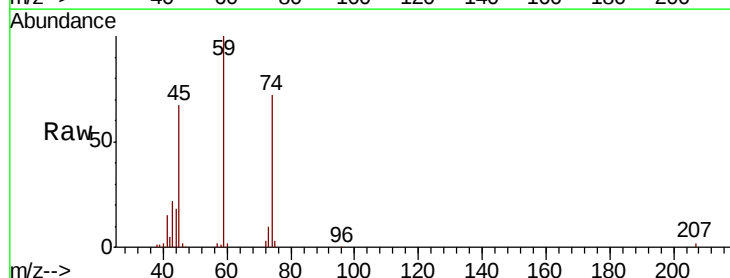
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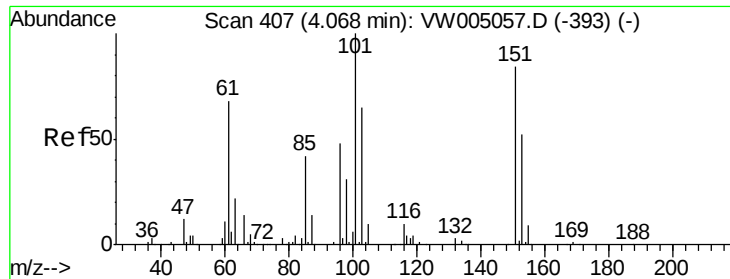


#8

Diethyl Ether
 Concen: 12.33 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.31 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

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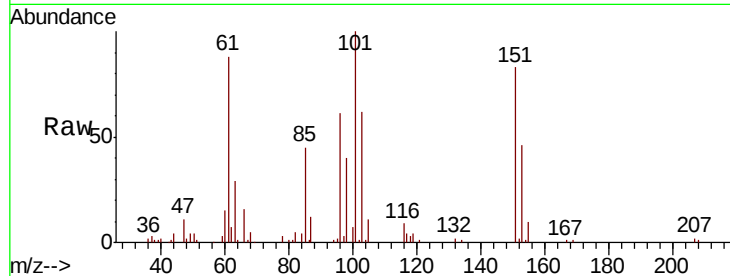
ClientSampleId :

VSTDIC010

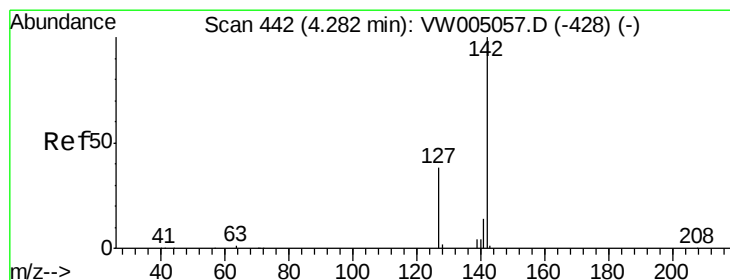
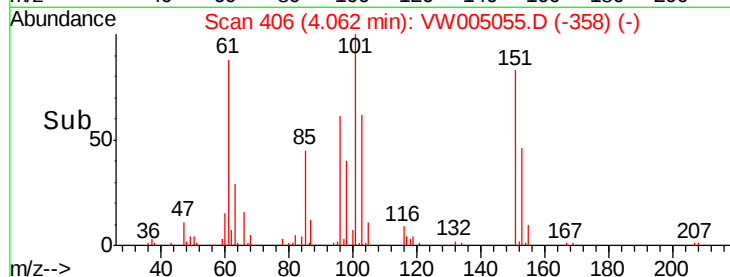
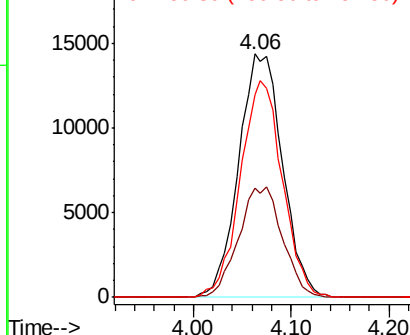
Tot Ion:	101	Resp:	44694
Ion Ratio	Lower	Upper	
101	100		
85	45.2	33.0	49.6
151	85.3	67.0	100.6

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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: 8.80 ug/l

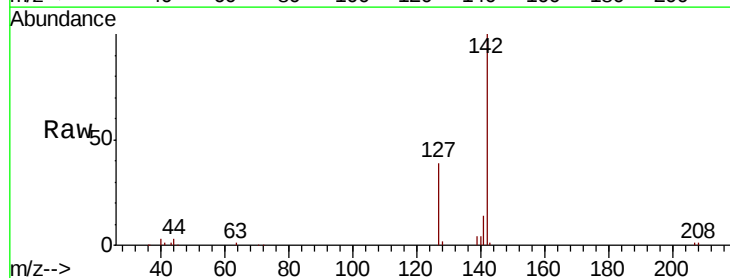
RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

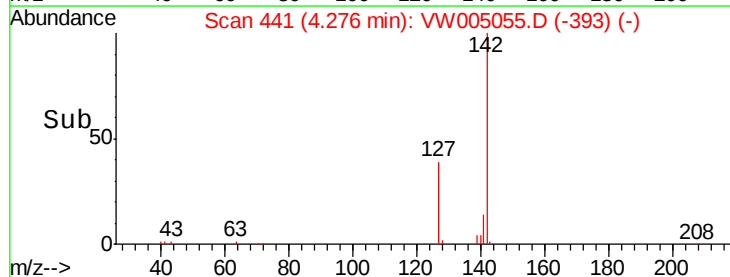
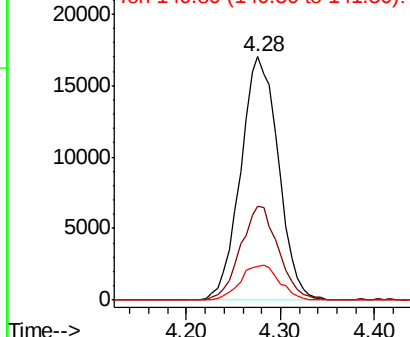
Lab File: VW005055.D

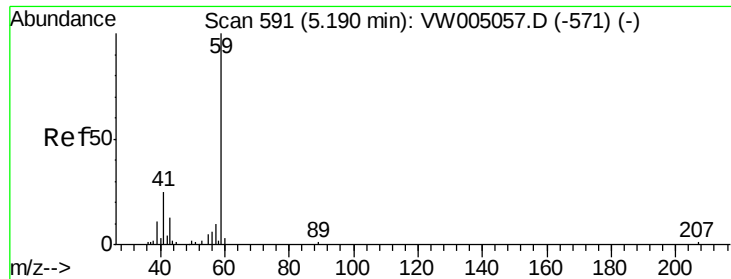
Acq: 01 Sep 2018 00:13

Tgt Ion:	142	Resp:	47648
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.8	46.2
141	14.5	11.6	17.4



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

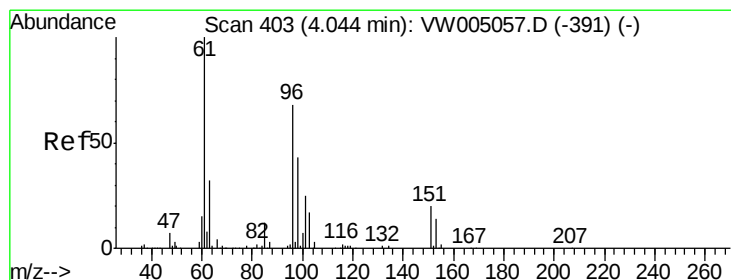
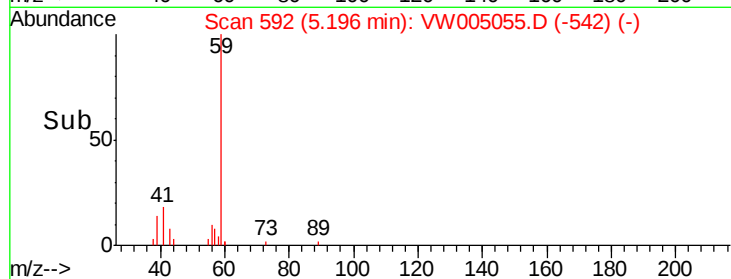
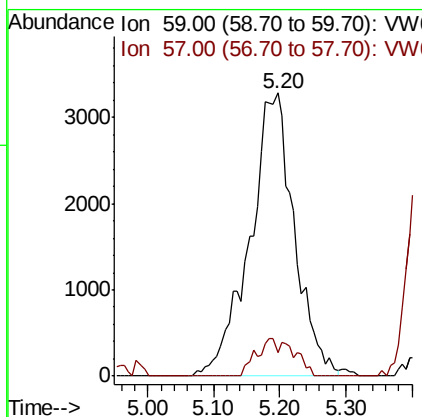
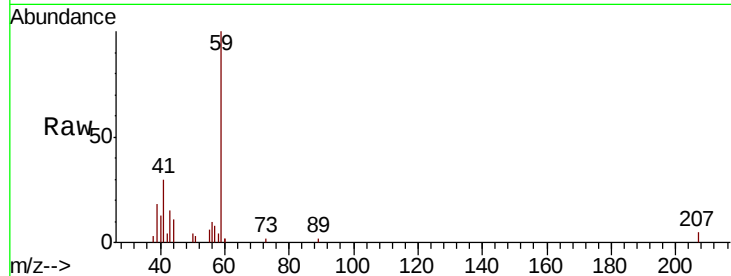
Tert butyl alcohol
 Concen: 60.43 ug/l
 RT: 5.20 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.2	8.6	12.8#

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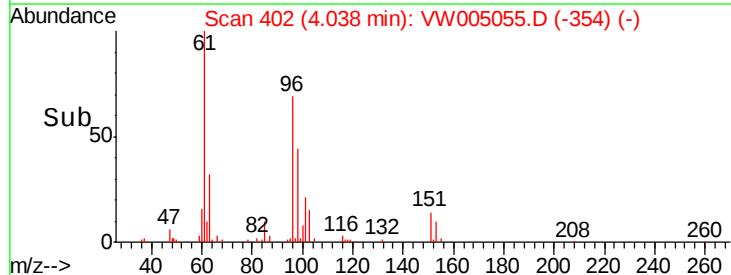
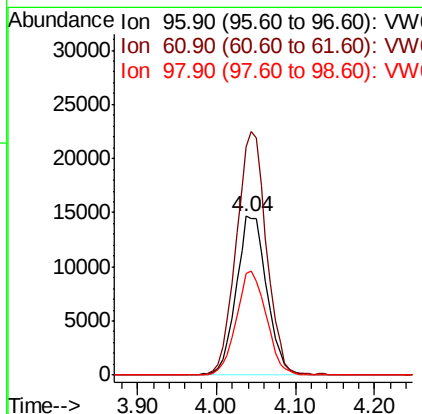
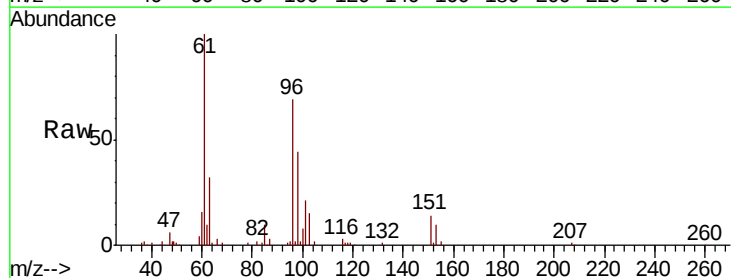
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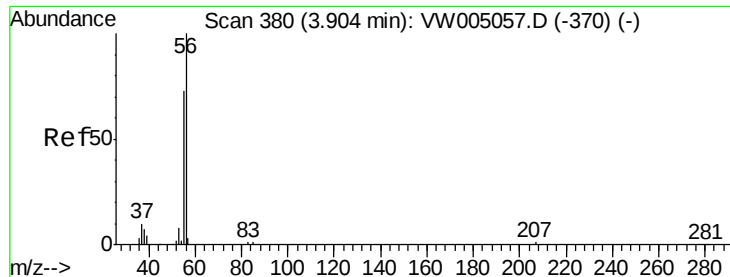


#12

1,1-Dichloroethene
 Concen: 10.80 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.9	117.4	176.0
98	63.7	51.0	76.4





#13

Acrolein

Concen: 47.63 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 13431

Ion Ratio Lower Upper

56 100

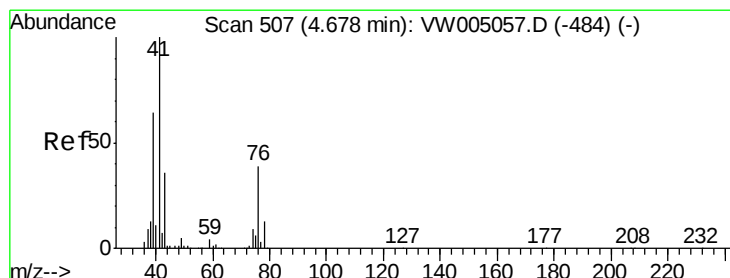
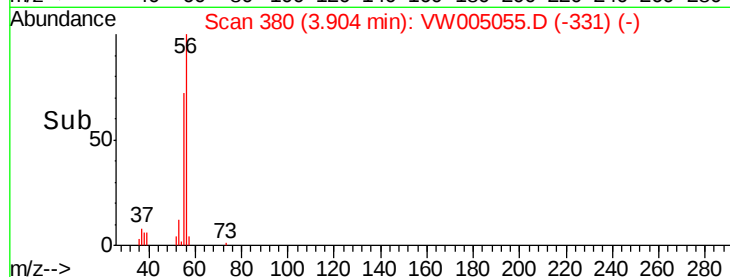
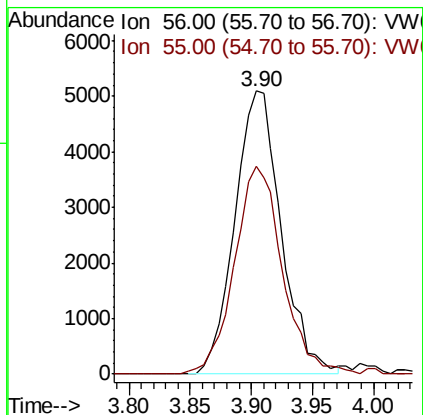
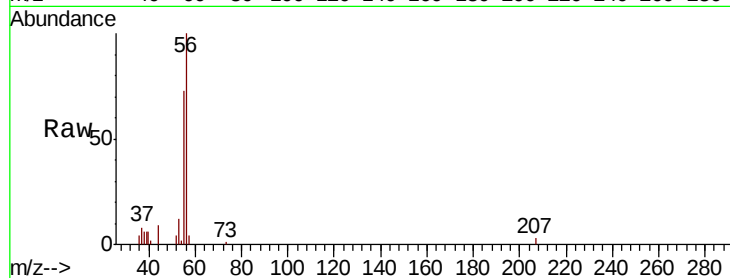
55 76.0 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 10.49 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

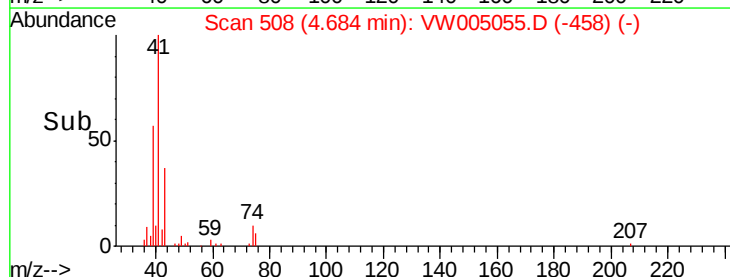
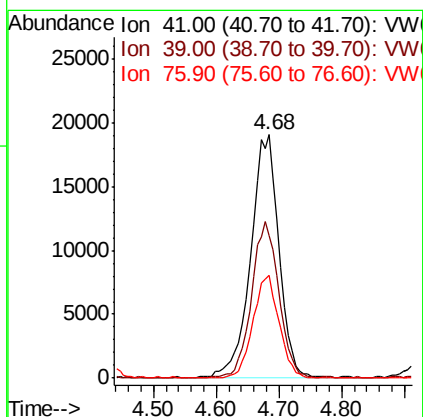
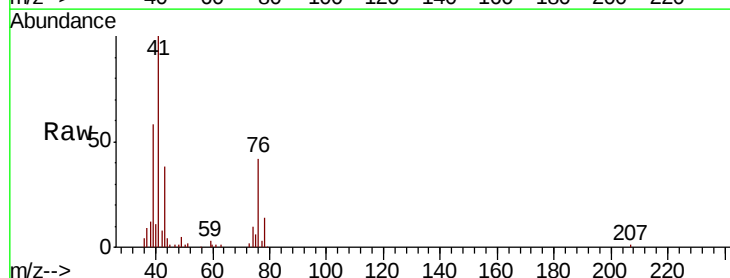
Tgt Ion: 41 Resp: 59700

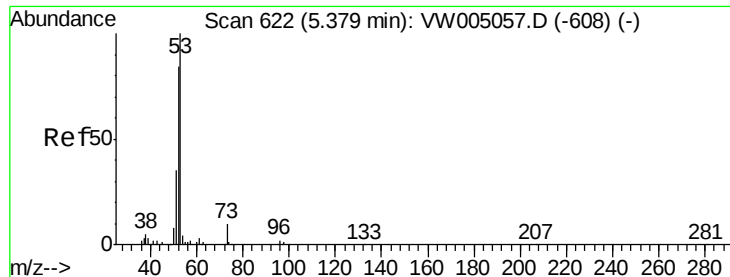
Ion Ratio Lower Upper

41 100

39 61.9 49.4 74.2

76 38.9 31.8 47.6





#15

Acrylonitrile

Concen: 52.48 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

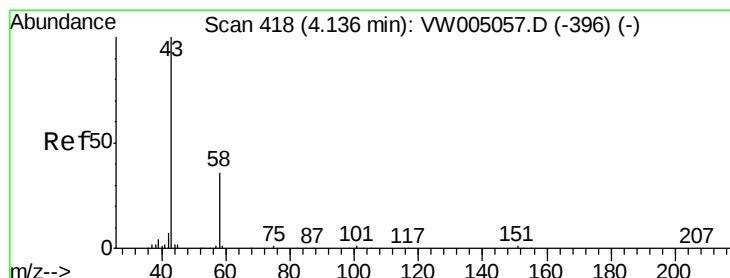
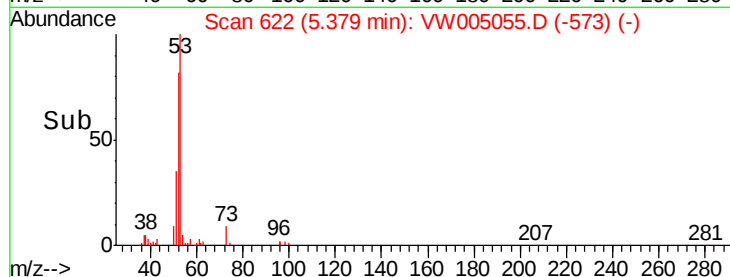
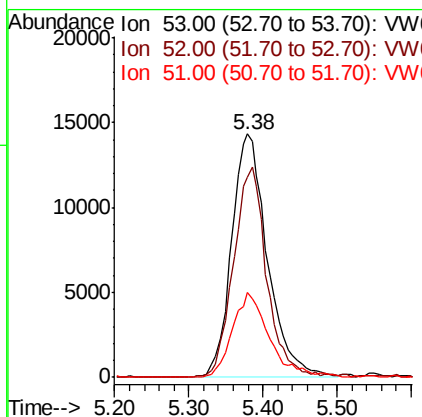
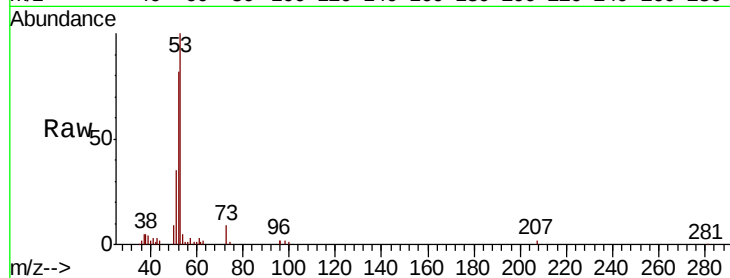
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	48328
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.7	98.5
51	35.7	28.8	43.2

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#16

Acetone

Concen: 54.54 ug/l

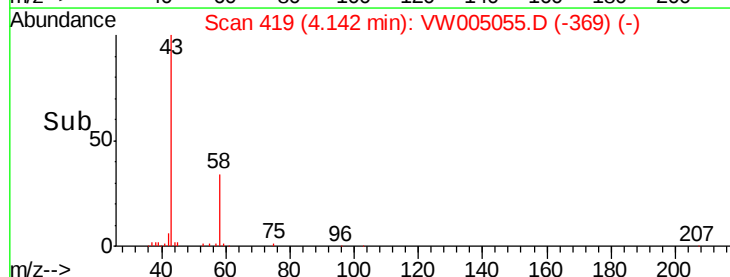
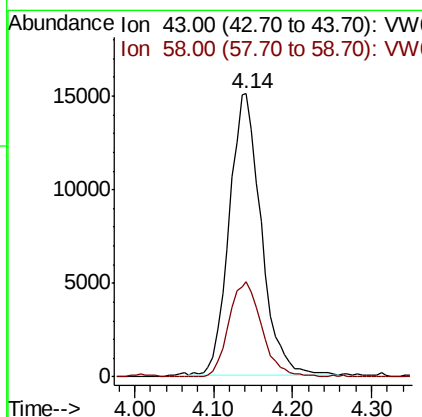
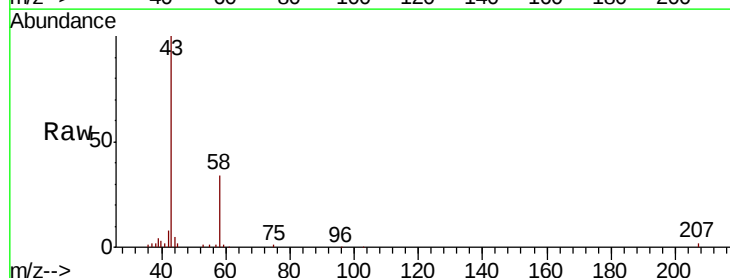
RT: 4.14 min Scan# 419

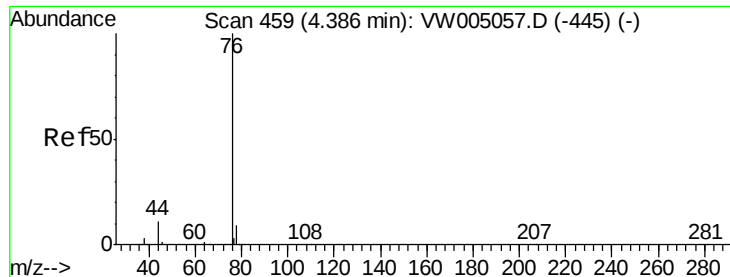
Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion:	43	Resp:	42329
Ion	Ratio	Lower	Upper
43	100		
58	34.1	29.0	43.6





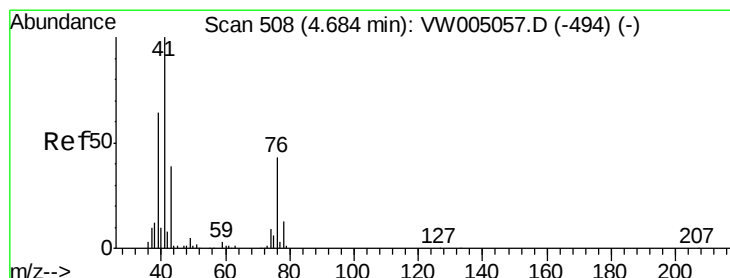
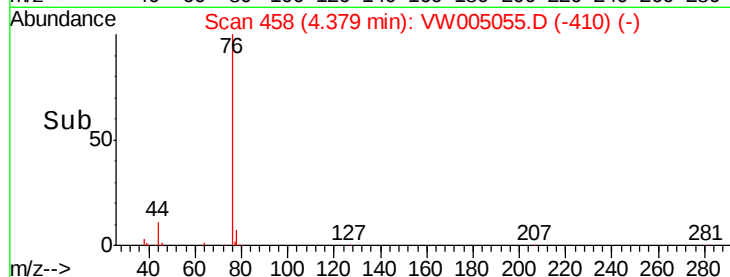
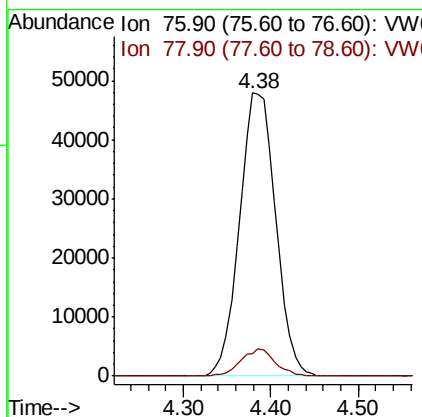
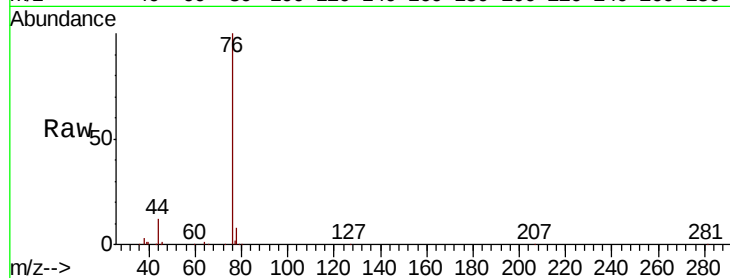
#17
Carbon Disulfide
Concen: 9.14 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.3	10.9

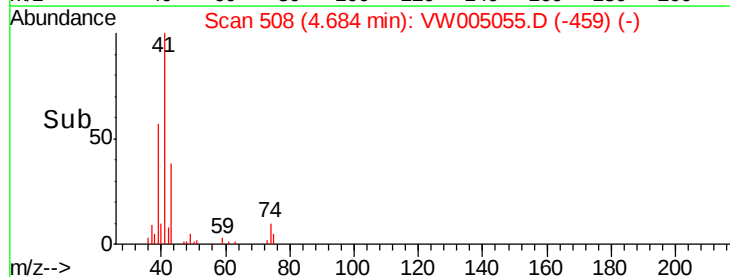
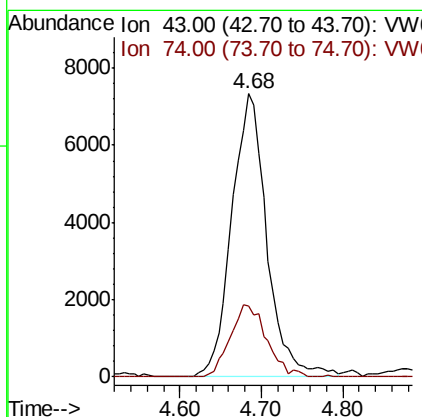
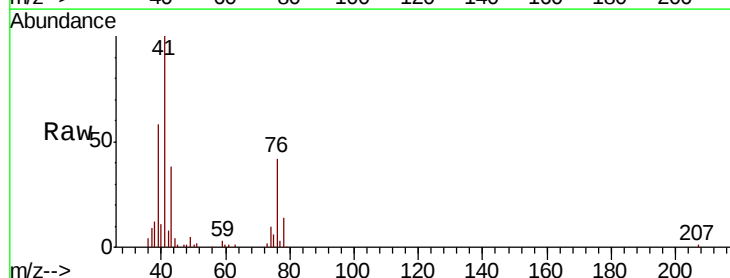
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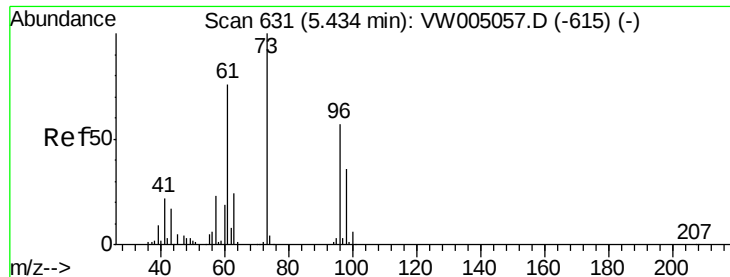
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#18
Methyl Acetate
Concen: 11.31 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	20.7	31.1





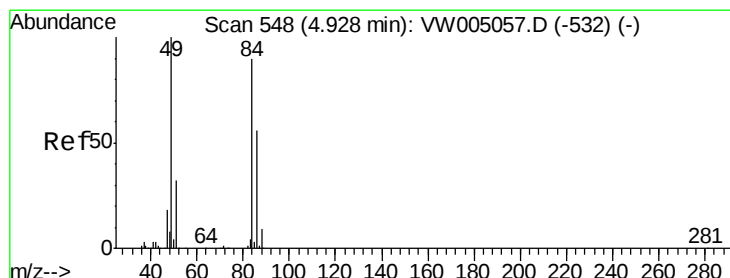
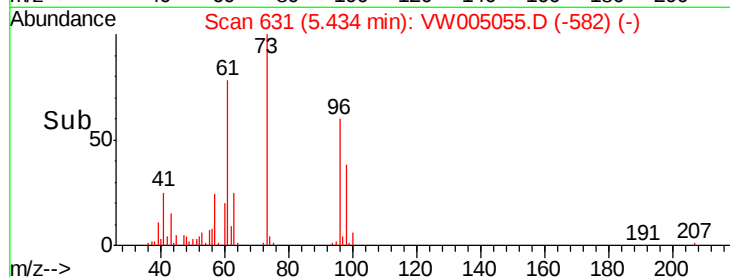
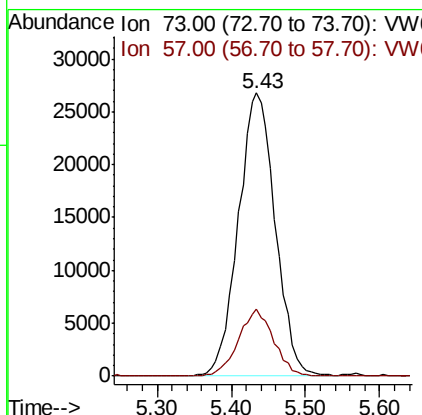
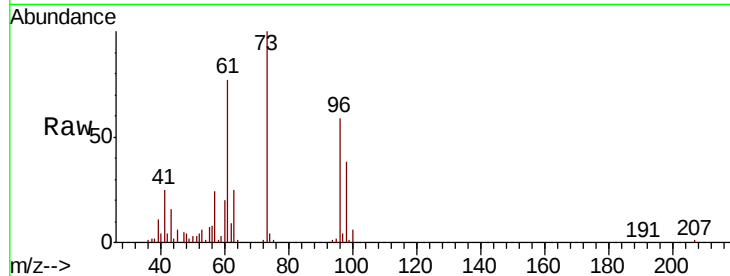
#19
Methyl tert-butyl Ether
Concen: 11.49 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 92950
Ion Ratio Lower Upper
73 100
57 23.8 18.1 27.1

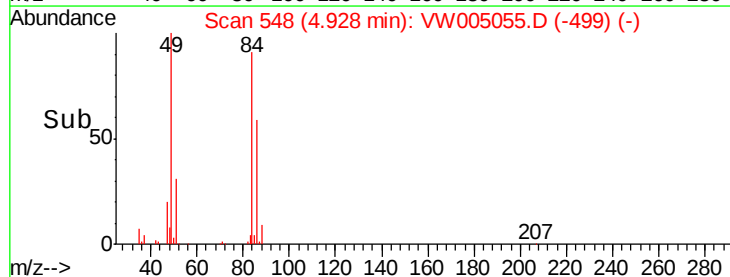
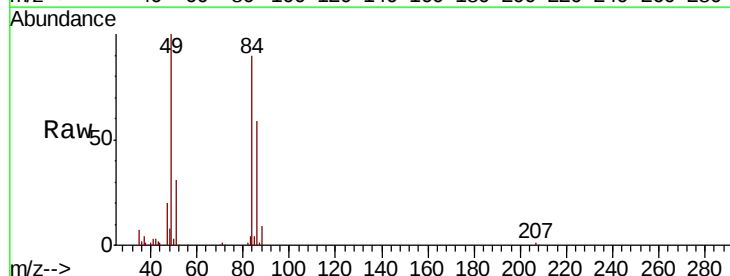
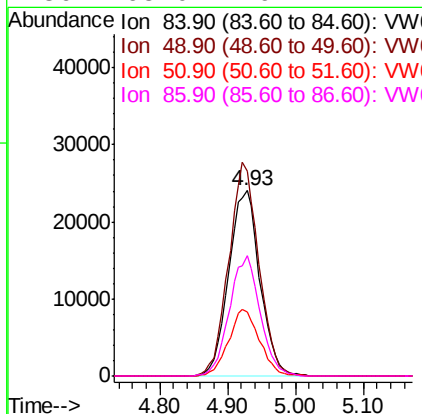
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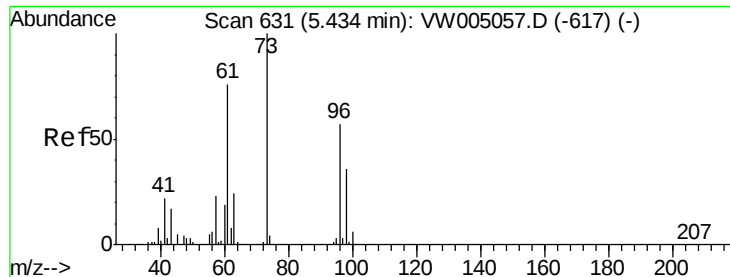
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#20
Methylene Chloride
Concen: 11.78 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 84 Resp: 76490
Ion Ratio Lower Upper
84 100
49 110.7 88.7 133.1
51 34.3 28.6 42.8
86 65.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 12.01 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

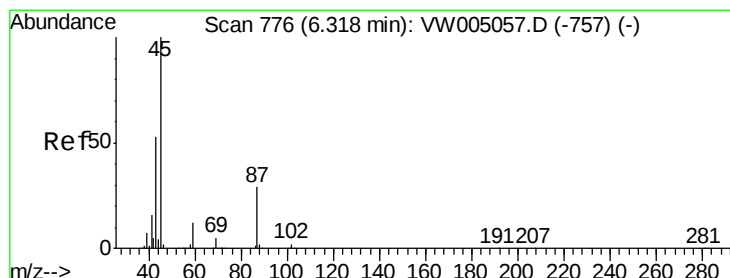
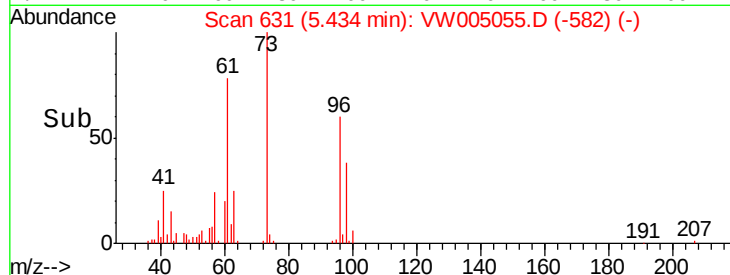
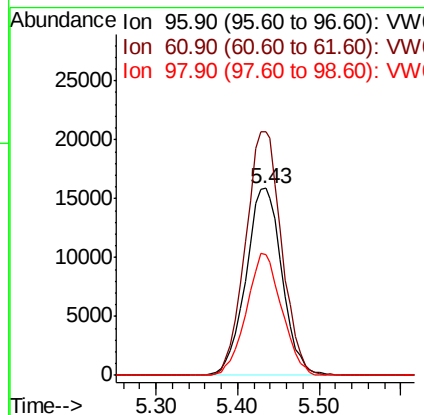
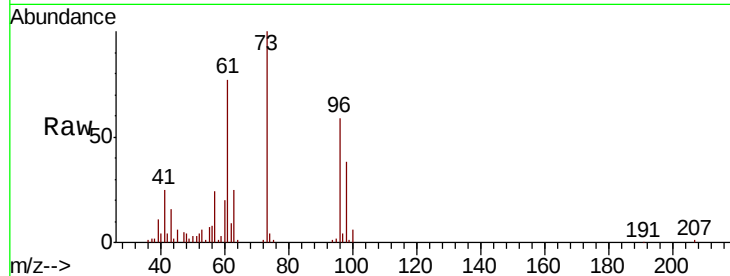
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	48943
Ion	Ratio	Lower	Upper
96	100		
61	130.0	106.3	159.5
98	64.3	50.9	76.3

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#22

Diisopropyl ether

Concen: 10.78 ug/l

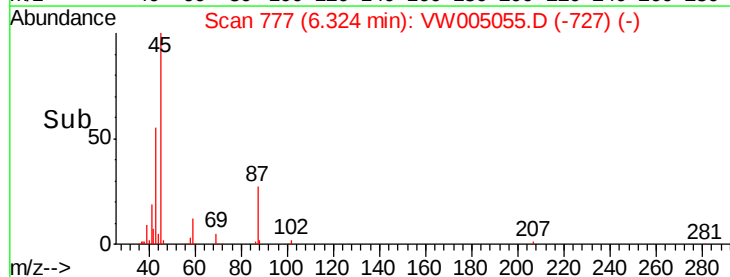
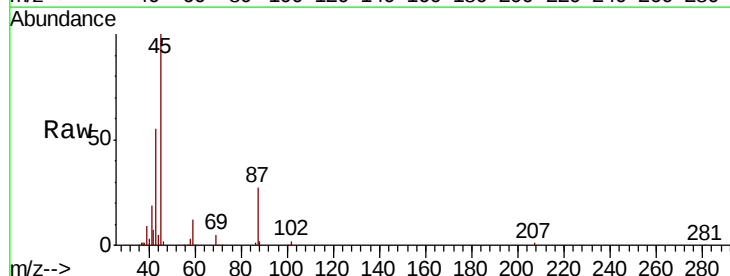
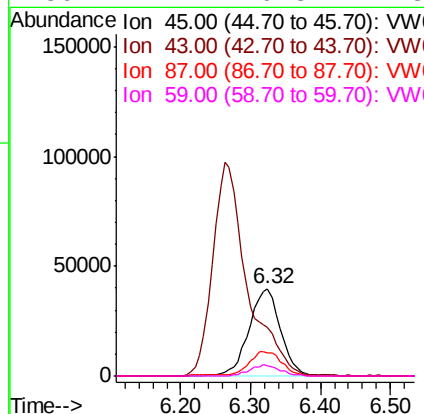
RT: 6.32 min Scan# 777

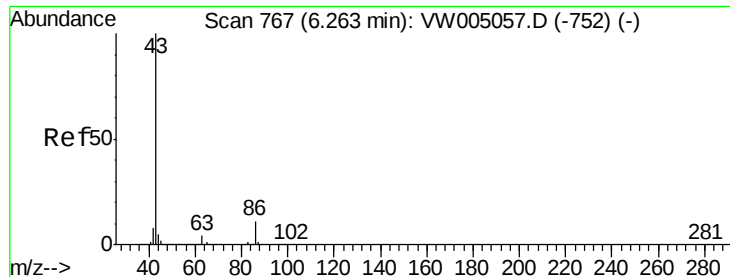
Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion:	45	Resp:	125474
Ion	Ratio	Lower	Upper
45	100		
43	54.4	42.6	63.8
87	26.8	23.6	35.4
59	11.7	9.8	14.8





#23

Vinyl Acetate

Concen: 55.83 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 334687

Ion Ratio Lower Upper

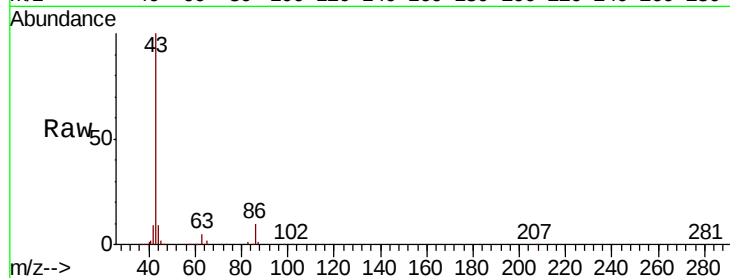
43 100

86 10.1 9.0 13.4

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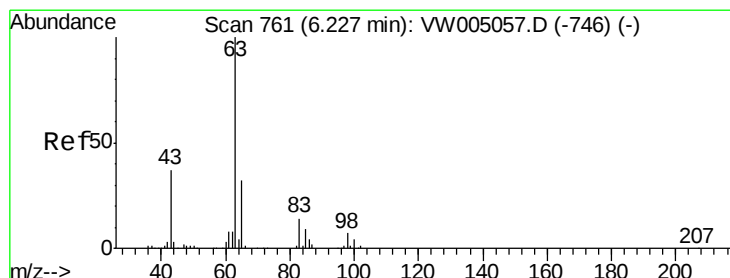
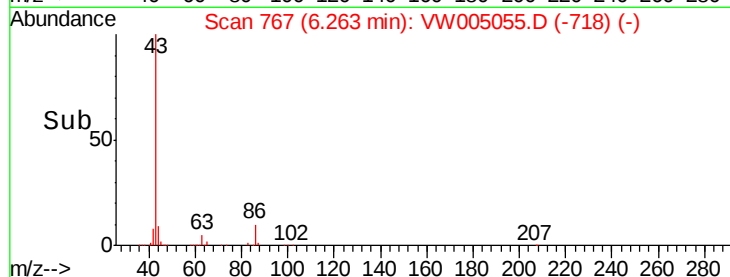
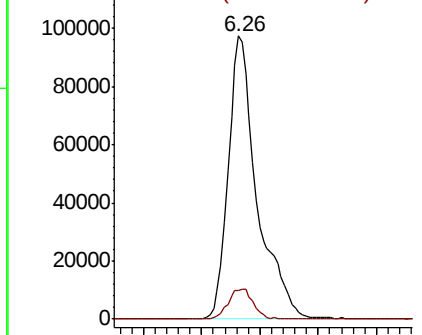
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 11.51 ug/l

RT: 6.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

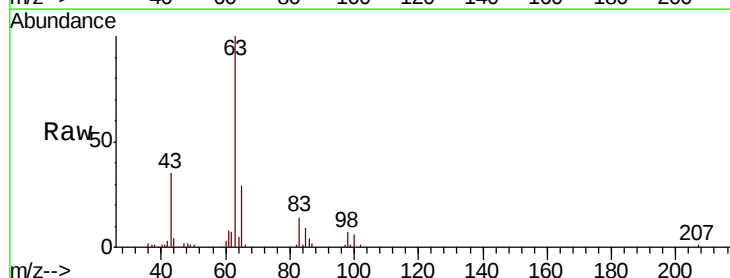
Tgt Ion: 63 Resp: 81632

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

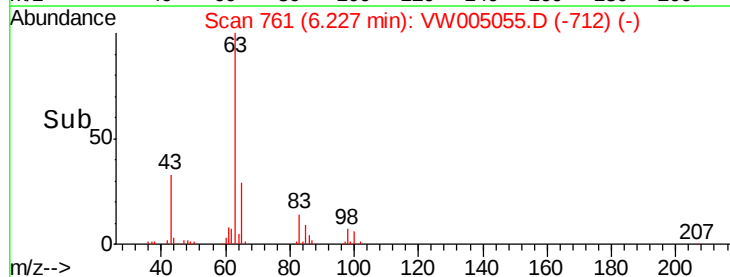
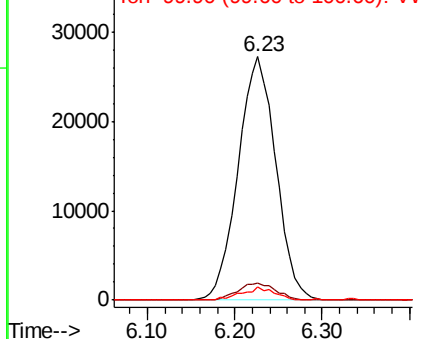
100 5.5 2.2 6.6

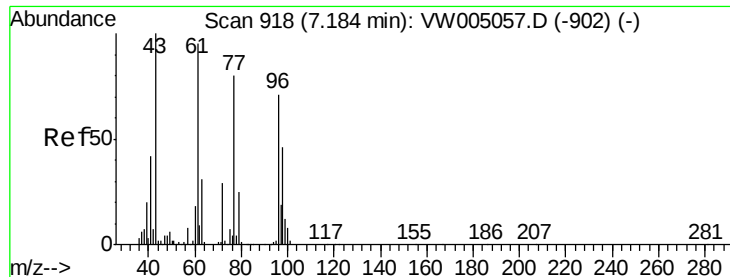


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 61.45 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 75382

Ion Ratio Lower Upper

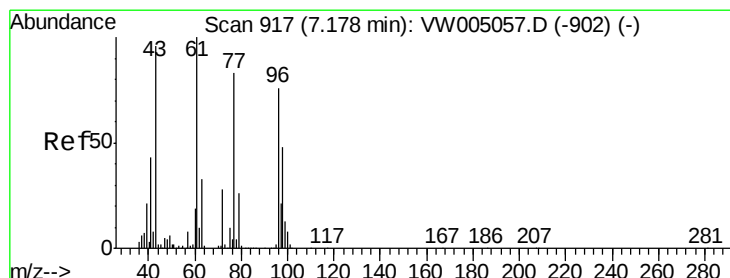
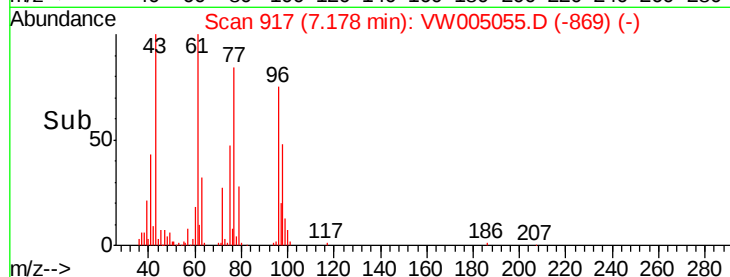
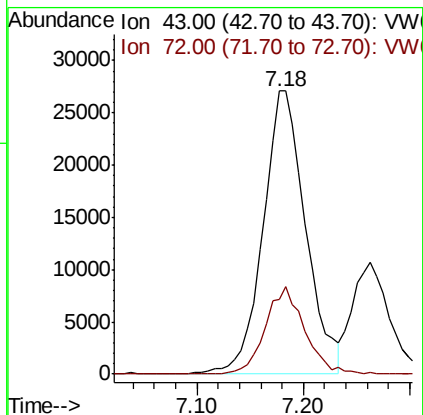
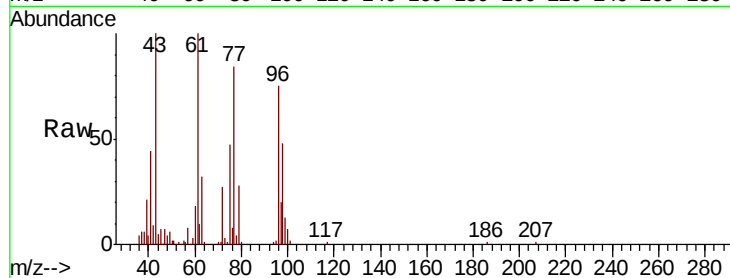
43 100

72 26.6 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 11.25 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005055.D

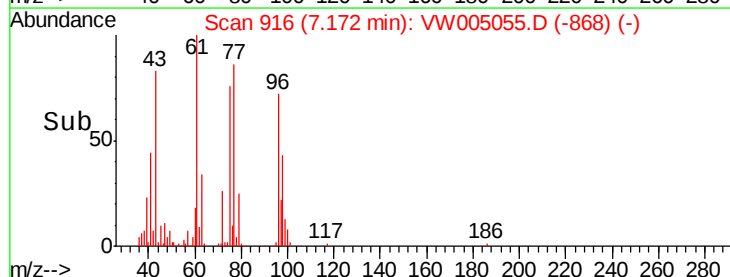
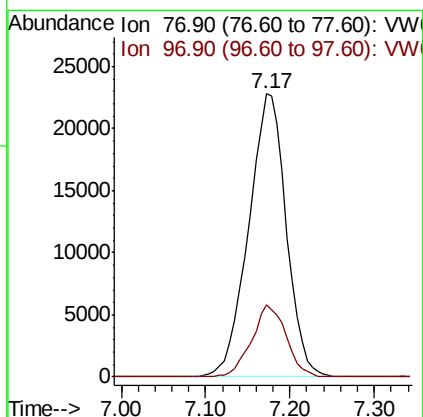
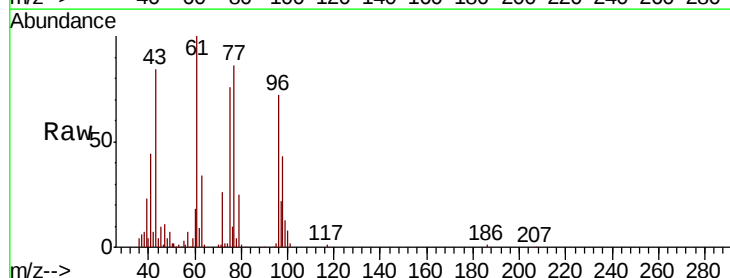
Acq: 01 Sep 2018 00:13

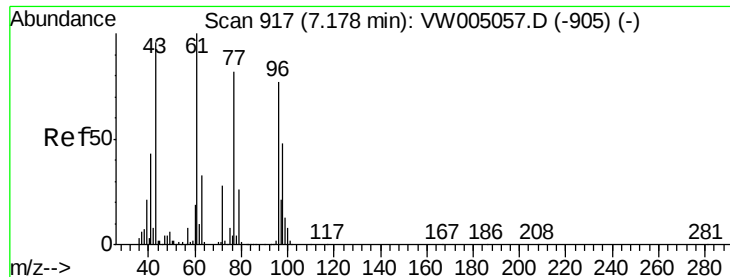
Tgt Ion: 77 Resp: 69260

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6





#27

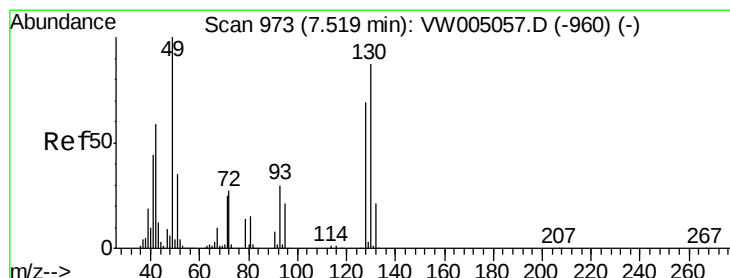
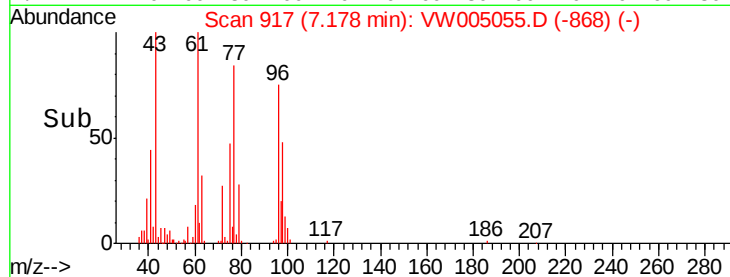
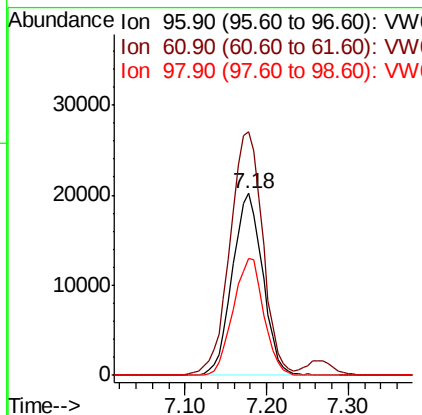
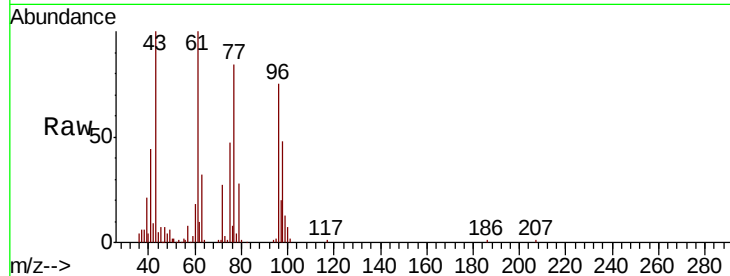
cis-1,2-Dichloroethene
 Concen: 11.69 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	273.2
98	64.4	0.0	127.8

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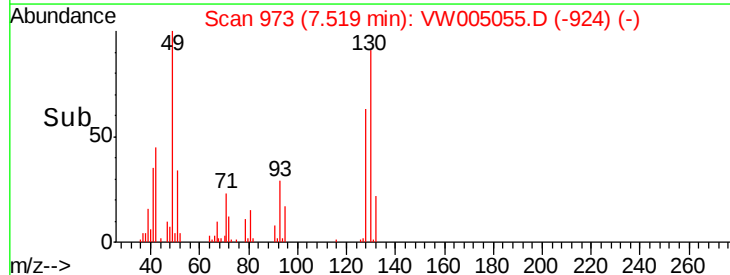
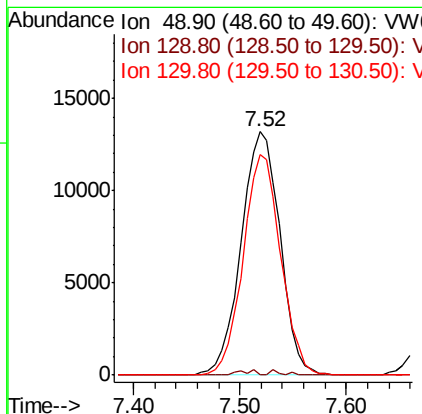
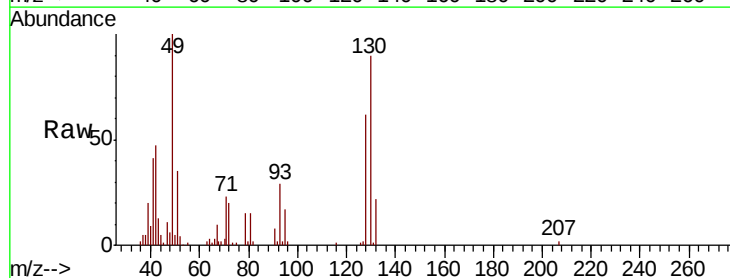
apatel
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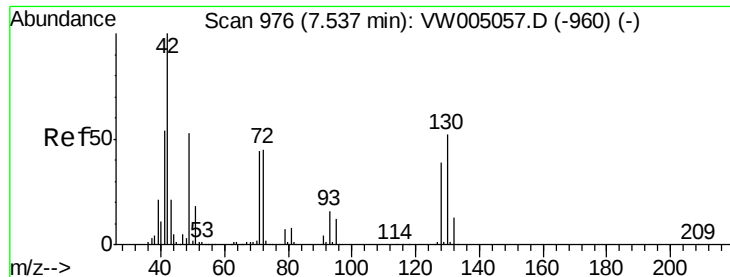


#28

Bromochloromethane
 Concen: 11.09 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	87.4	69.6	104.4





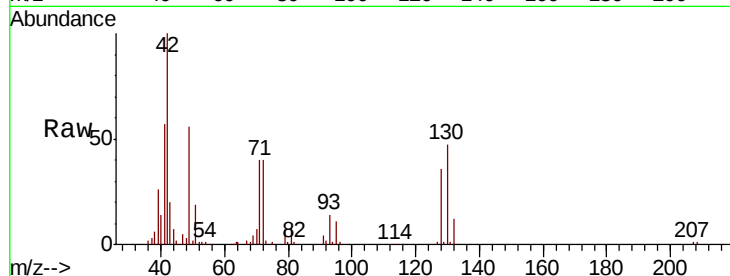
#29
Tetrahydrofuran
Concen: 56.65 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

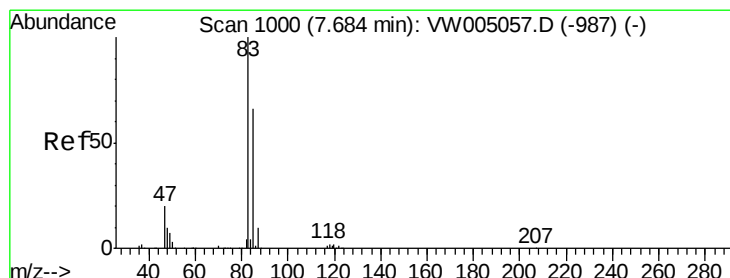
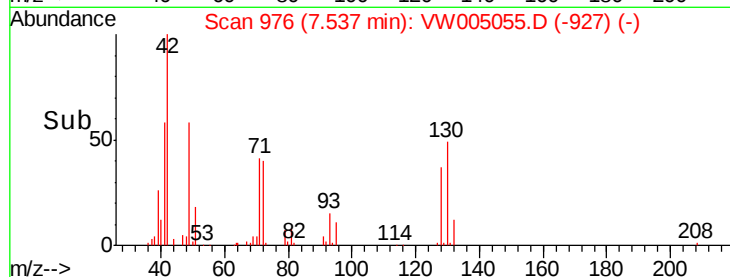
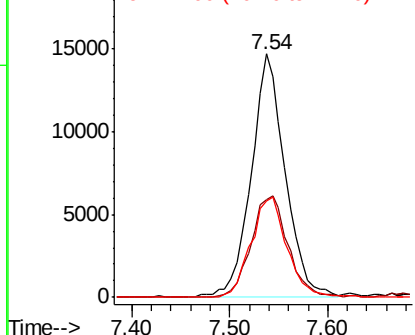
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.0	55.4
71	43.7	35.0	52.6

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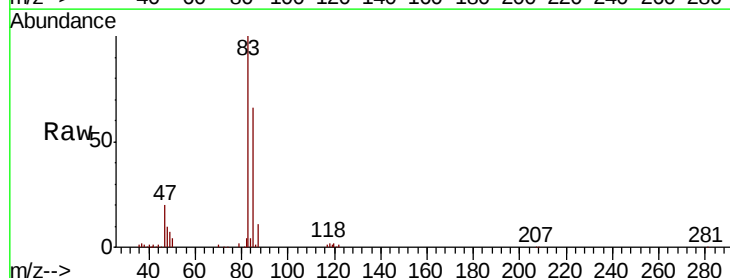


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

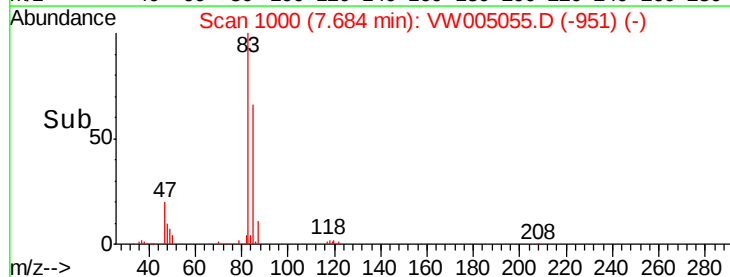
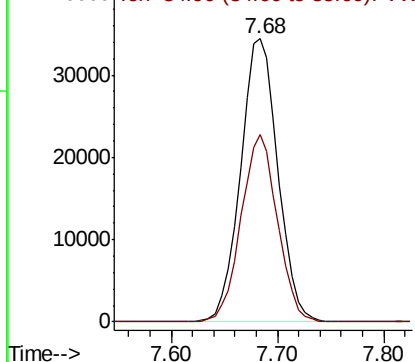


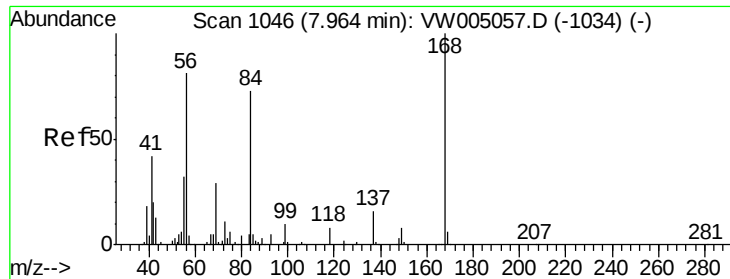
#30
Chloroform
Concen: 12.03 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.1	79.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





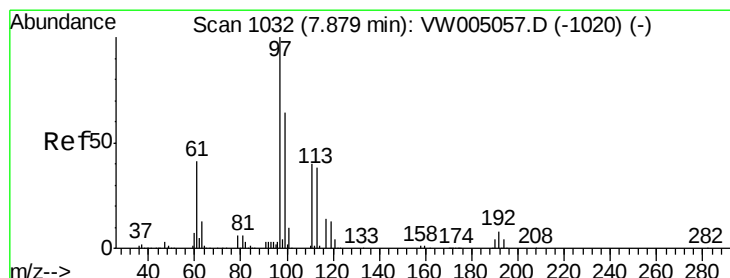
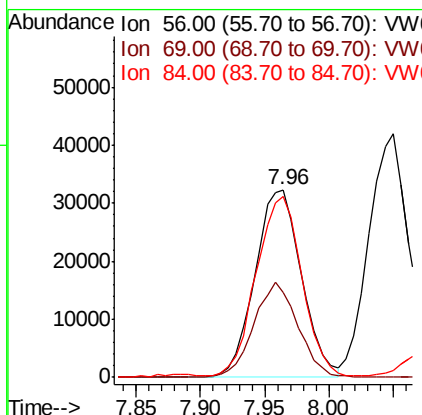
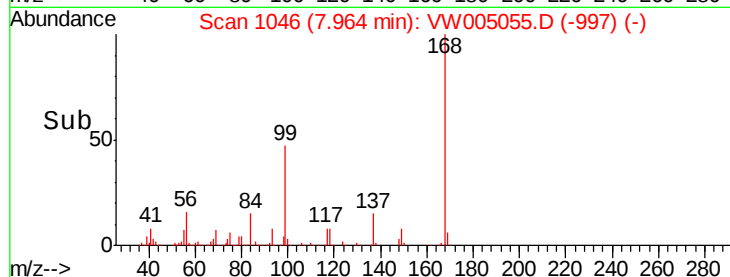
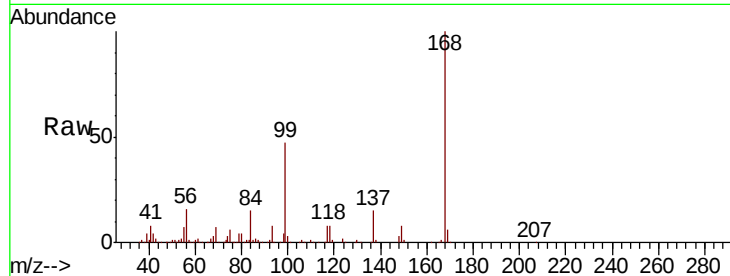
#31
Cyclohexane
Concen: 10.98 ug/l
RT: 7.96 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	45.3	28.2	42.2#	
84	95.3	71.8	107.8	

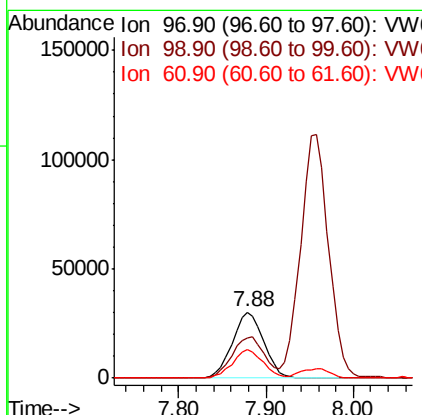
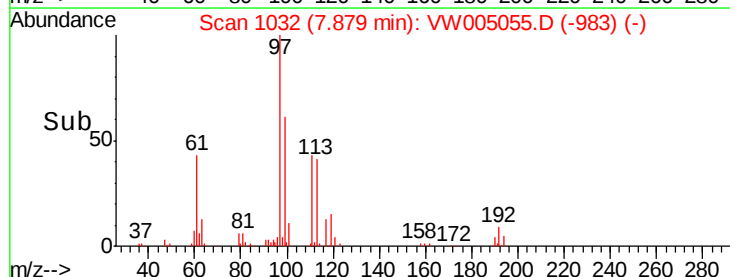
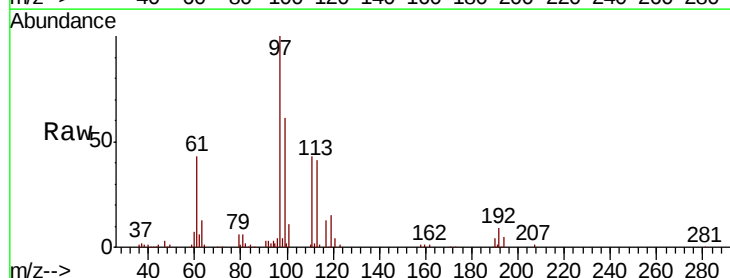
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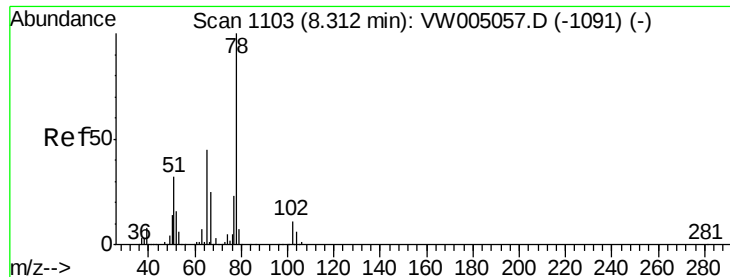
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#32
1,1,1-Trichloroethane
Concen: 11.73 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	66.2	51.8	77.8	
61	42.0	33.2	49.8	





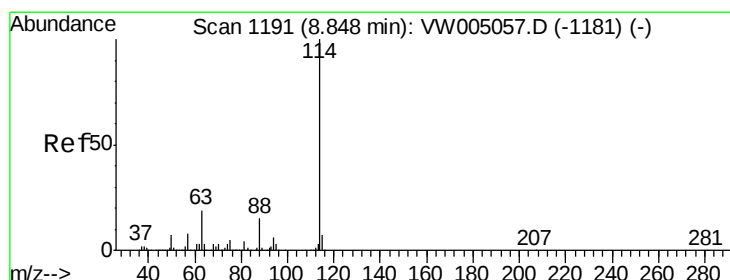
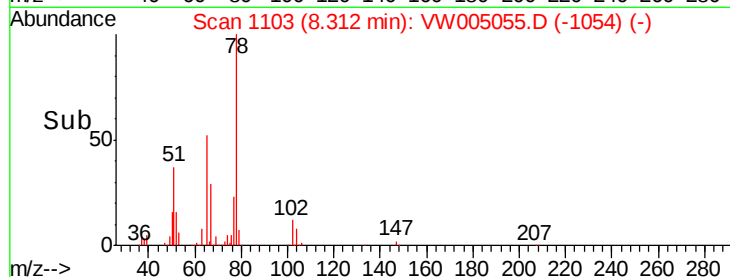
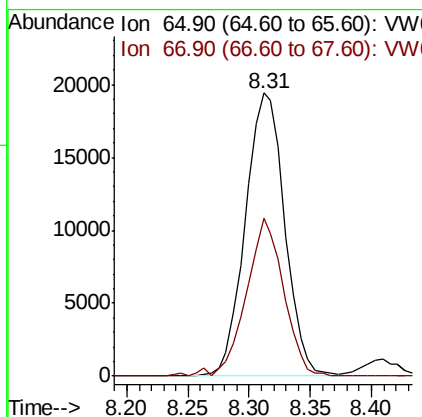
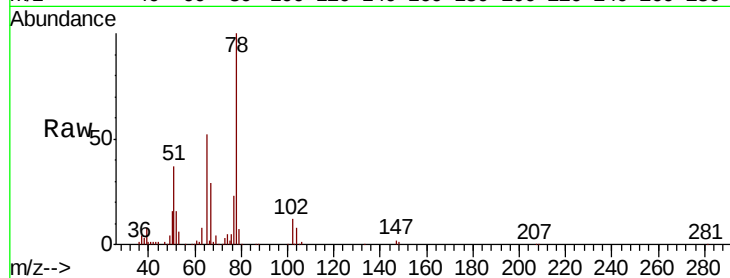
#33
 1,2-Dichloroethane-d4
 Concen: 12.51 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.4

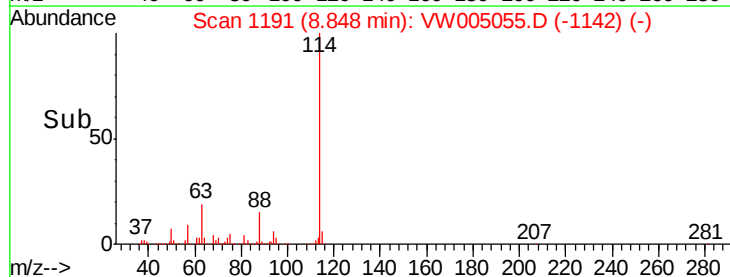
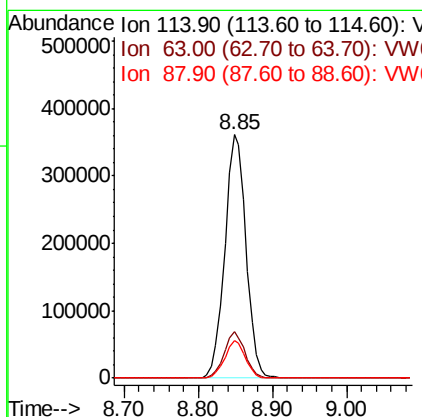
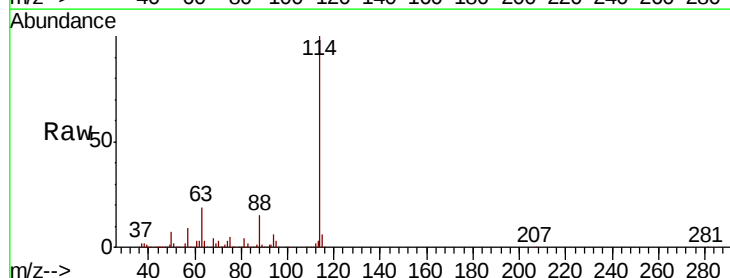
Manual Integrations
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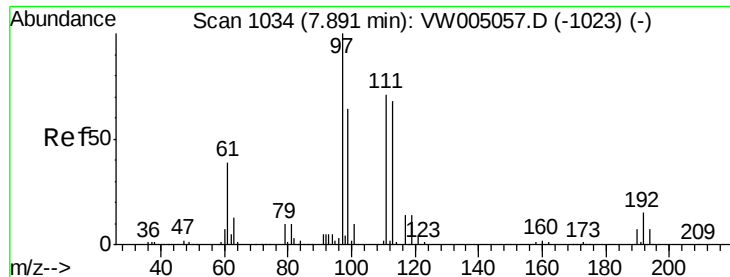
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.0
88	15.5	0.0	30.2





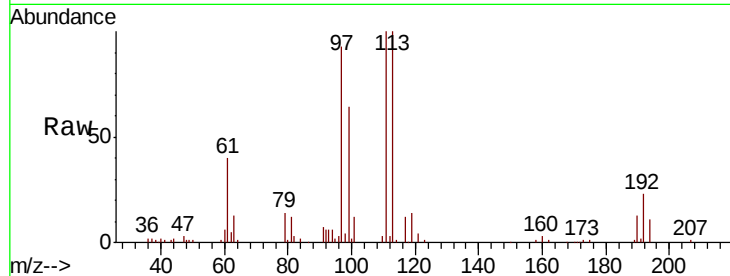
#35
Dibromofluoromethane
Concen: 11.61 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.2	123.2
192	22.4	18.1	27.1

Manual Integrations
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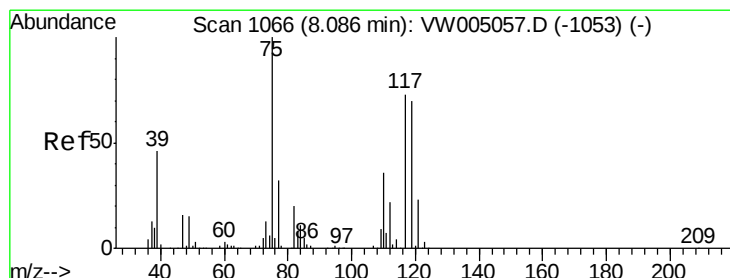
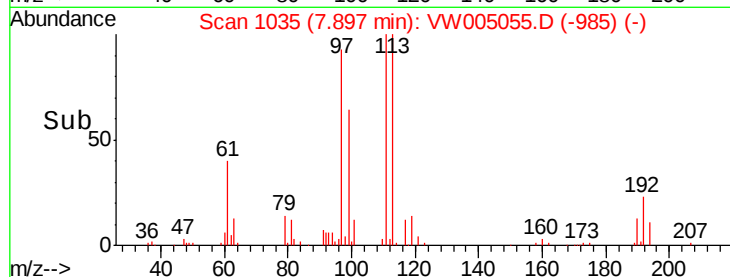
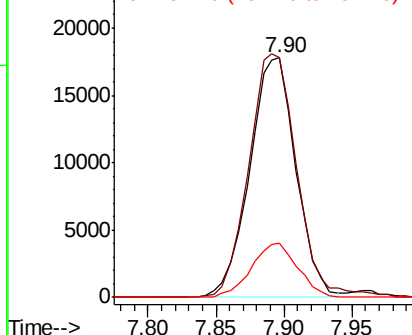


Abundance

Ion 112.80 (112.50 to 113.50): V

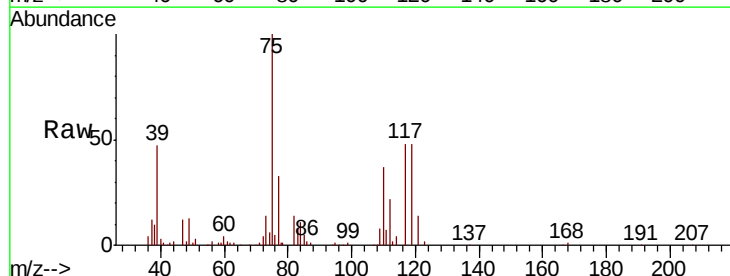
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 11.10 ug/l
RT: 8.09 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.9	56.7
77	31.7	25.5	38.3

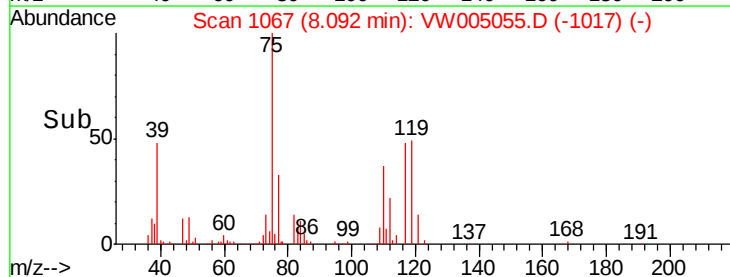
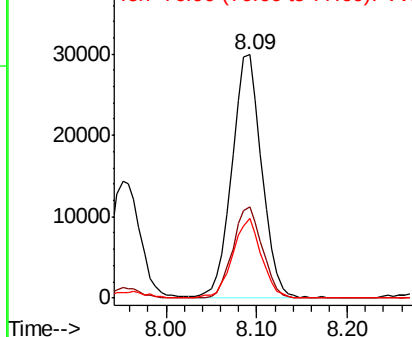


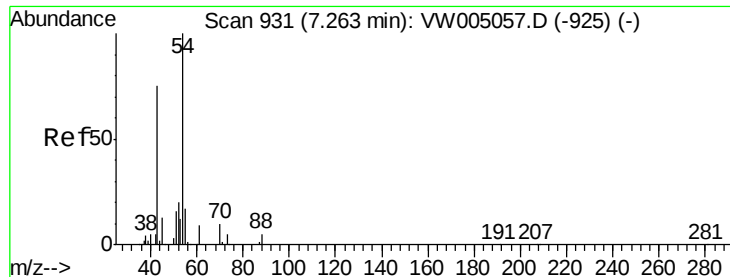
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





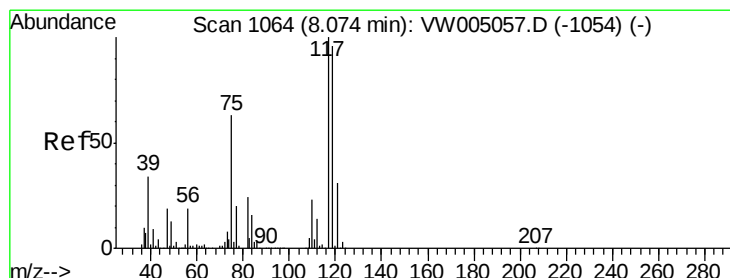
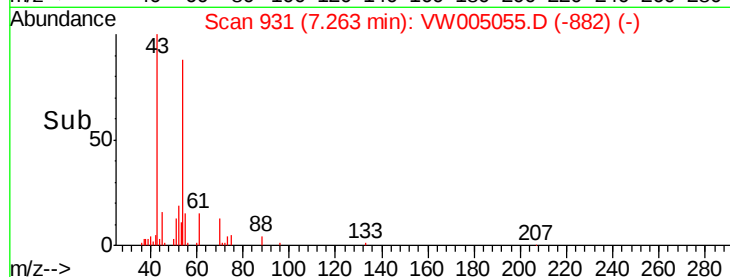
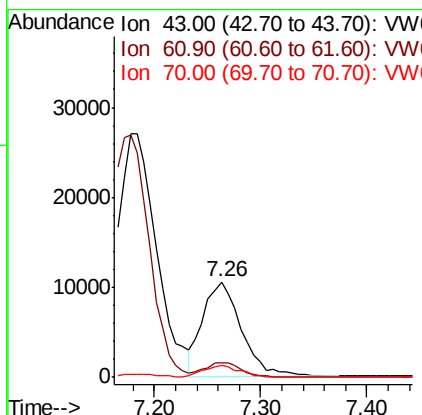
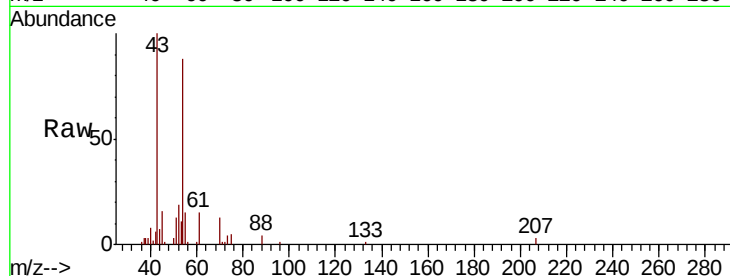
#37
Ethyl Acetate
Concen: 11.72 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	12.2	9.4	14.2

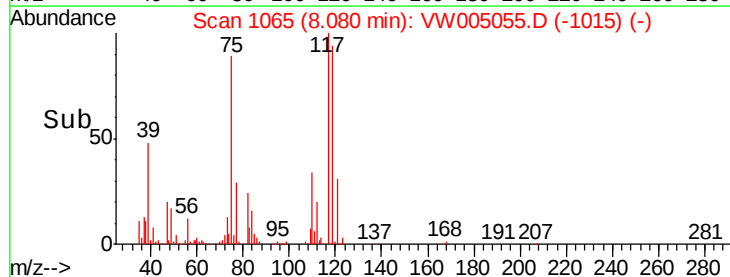
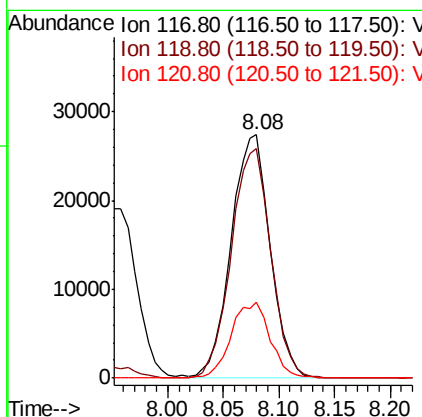
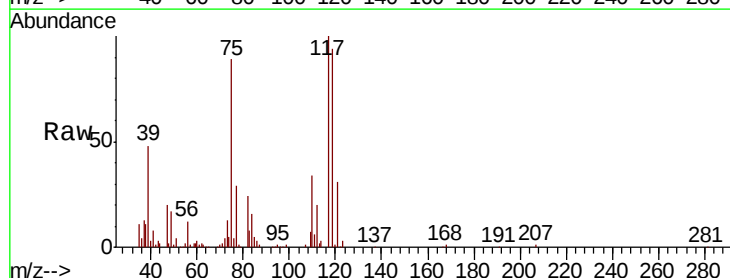
Manual Integrations
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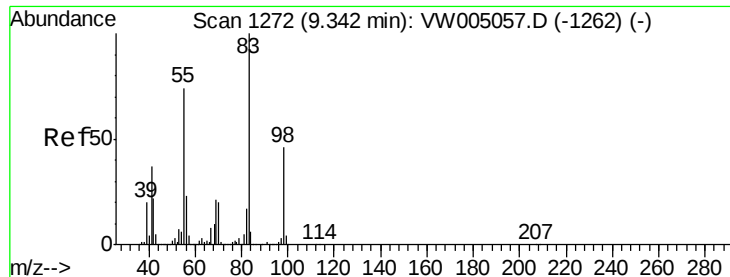
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#38
Carbon Tetrachloride
Concen: 11.12 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.6	115.0
121	31.1	24.8	37.2





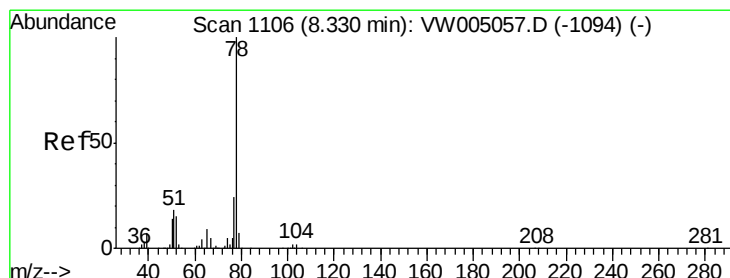
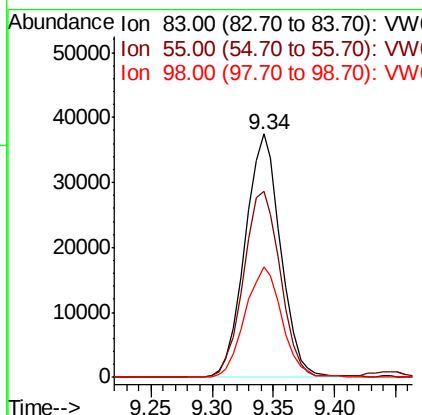
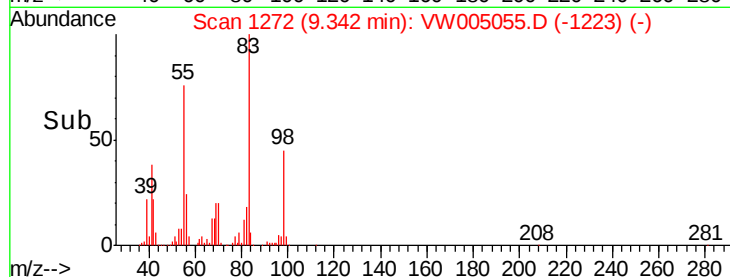
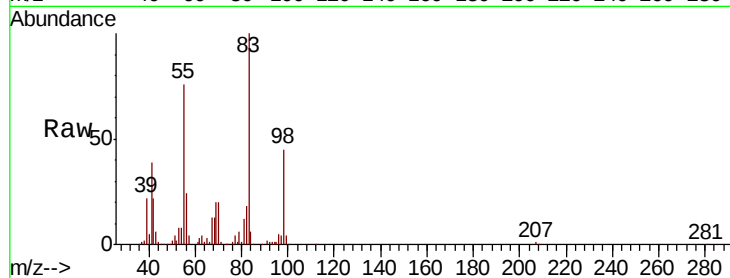
#39
Methvlcvclohexane
Concen: 9.00 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	58.9	88.3
98	45.1	36.8	55.2

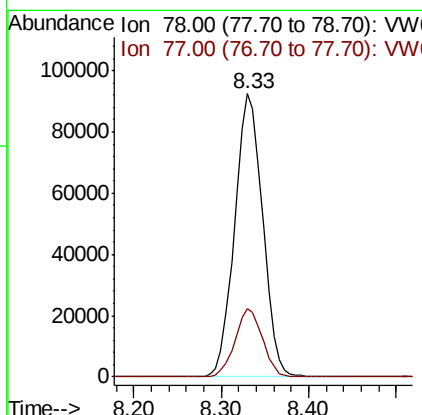
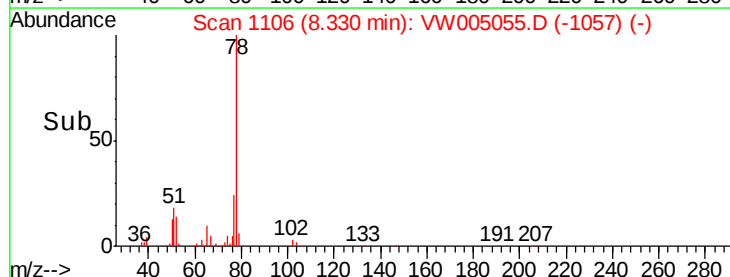
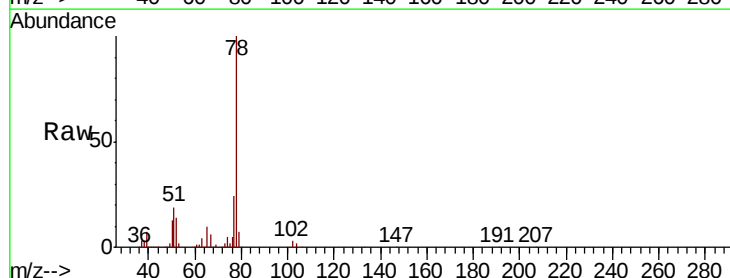
Manual Integrations
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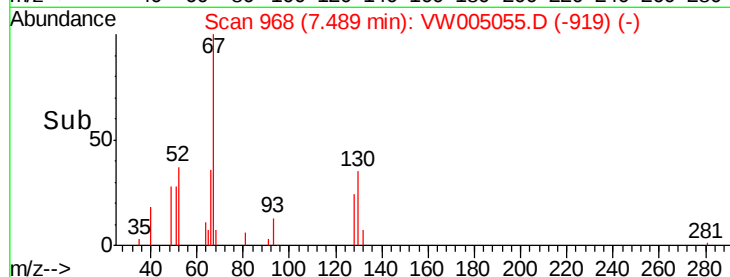
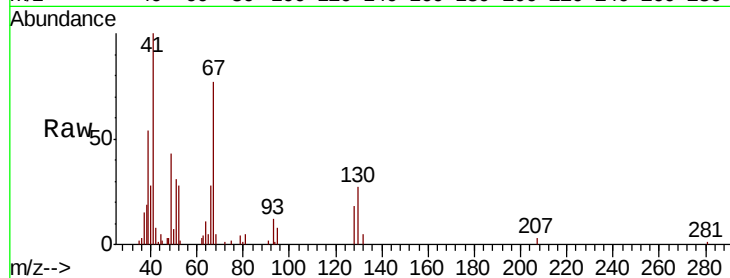
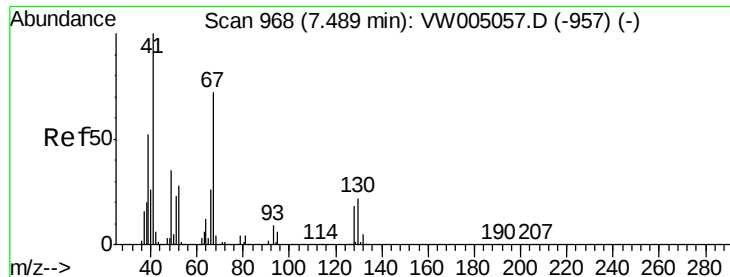
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#40
Benzene
Concen: 10.48 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





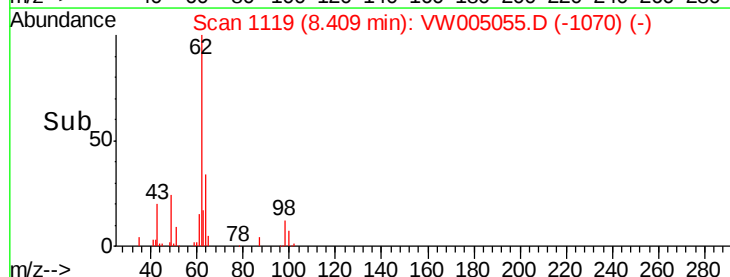
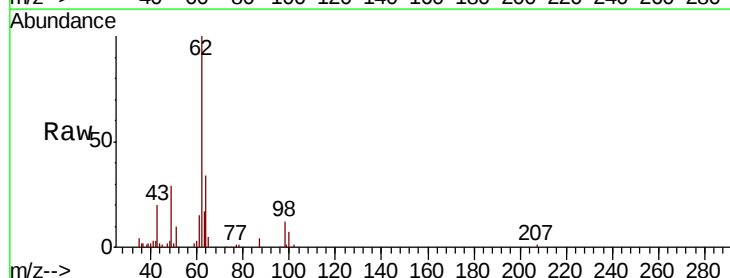
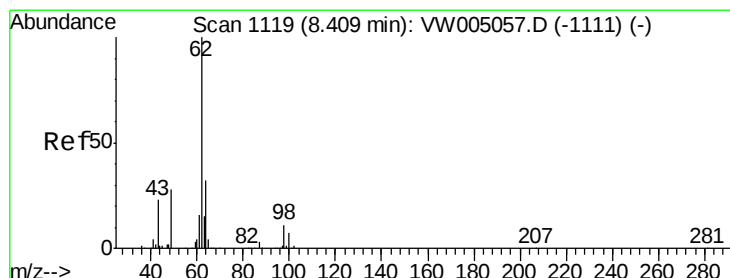
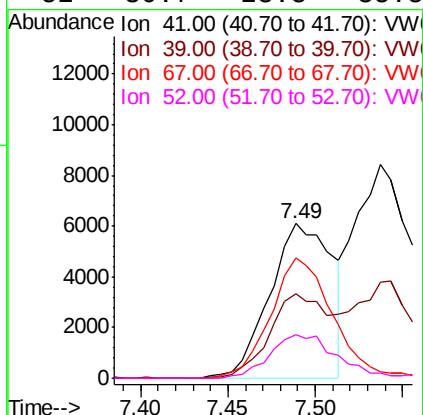
#41
Methacrylonitrile
Concen: 11.42 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tot Ion	41	Resp	15188
Ion Ratio	Lower	Upper	
41	100		
39	53.5	41.8	62.8
67	77.5	60.4	90.6
52	30.7	23.8	35.8

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

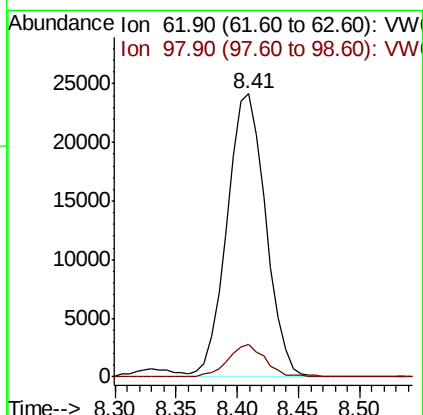
Manual Integrations
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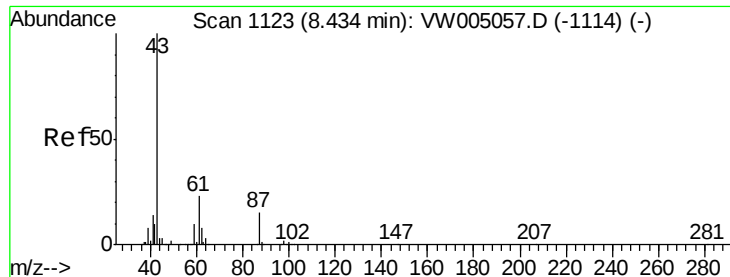
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#42
1,2-Dichloroethane
Concen: 11.85 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	62	Resp	52961
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	21.8





#43

Isopropyl Acetate

Concen: 10.33 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

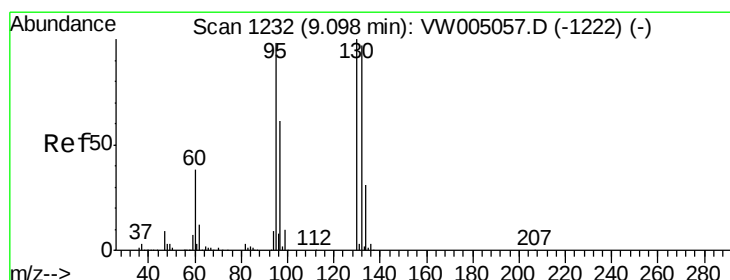
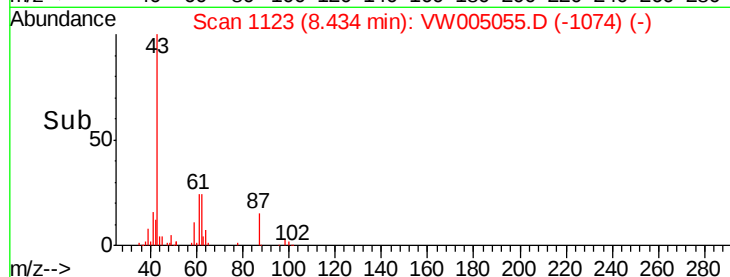
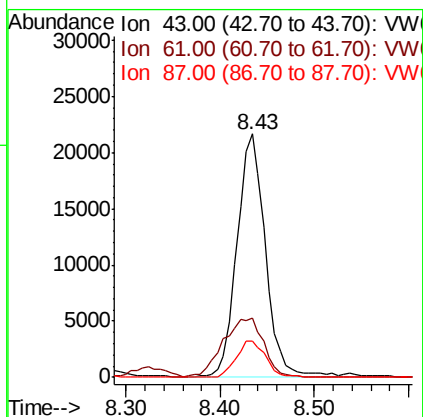
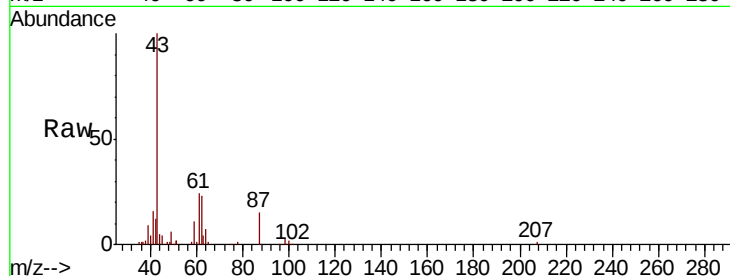
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	45679
Ion	Ratio	Lower	Upper
43	100		
61	34.8	26.8	40.2
87	15.6	11.6	17.4

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#44

Trichloroethene

Concen: 11.02 ug/l

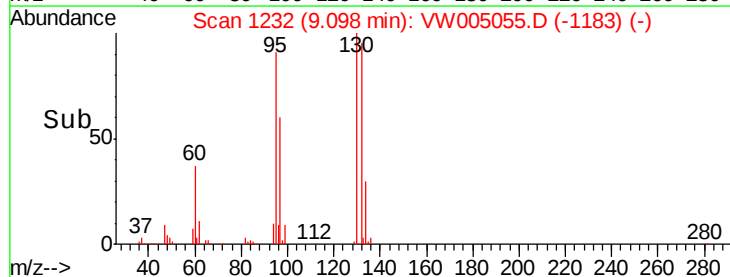
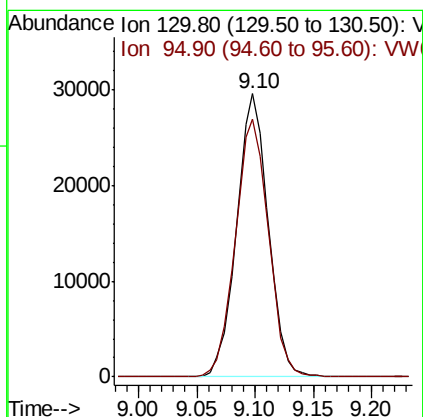
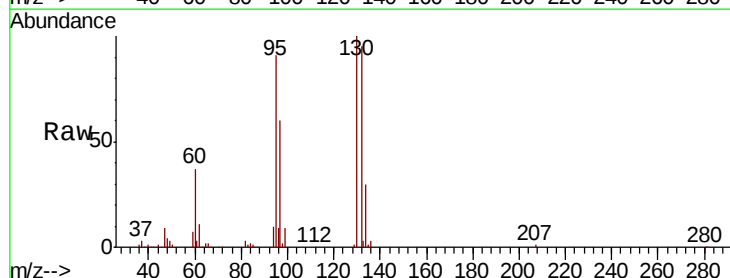
RT: 9.10 min Scan# 1232

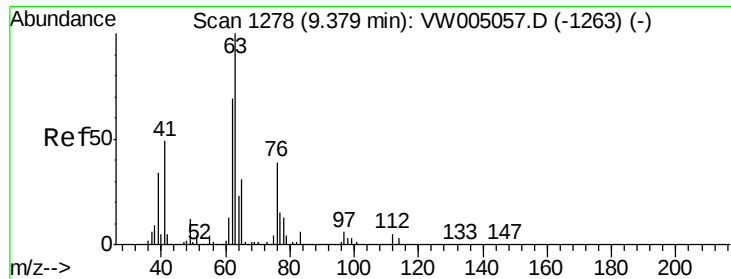
Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion:	130	Resp:	55885
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	195.2





#45

1,2-Dichloropropane

Concen: 11.24 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 63 Resp: 51034

Ion Ratio Lower Upper

63 100

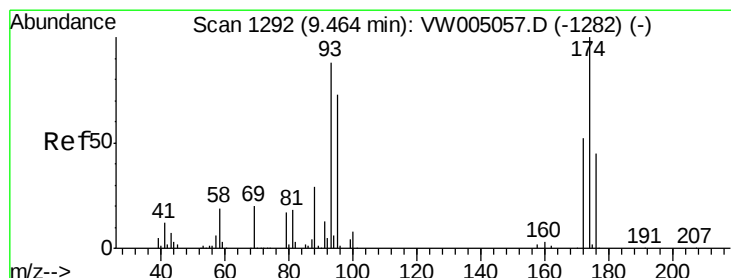
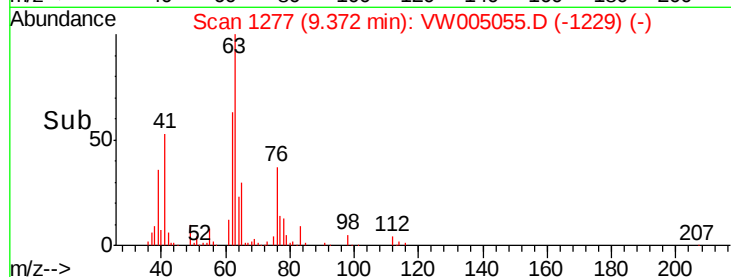
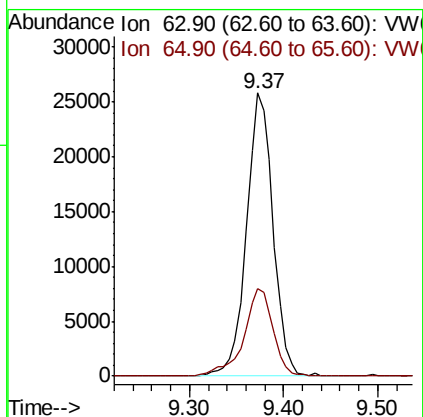
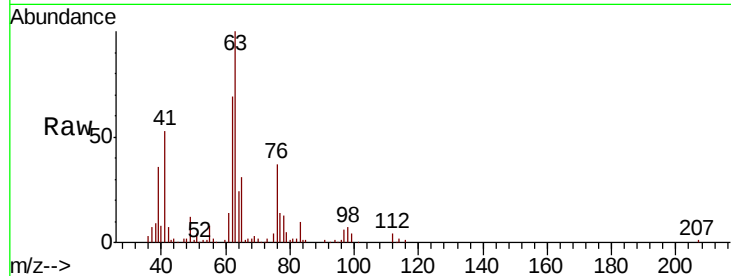
65 31.0 24.6 37.0

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#46

Dibromomethane

Concen: 11.70 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

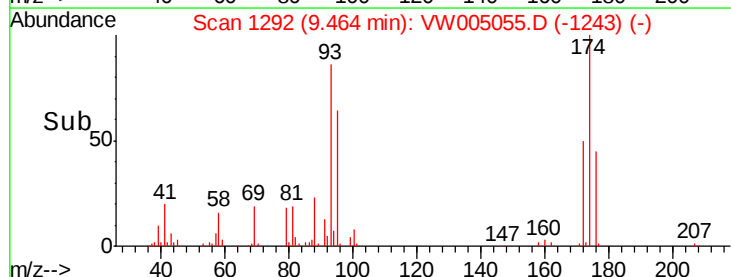
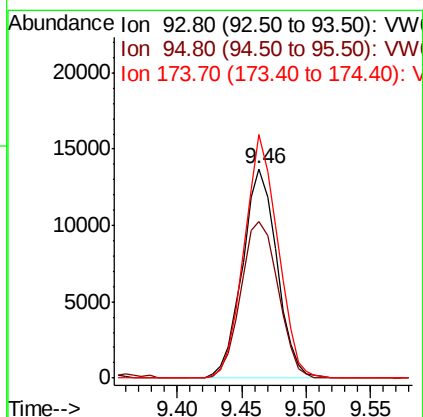
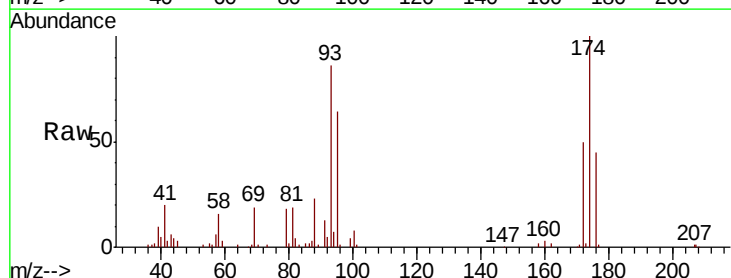
Tgt Ion: 93 Resp: 25436

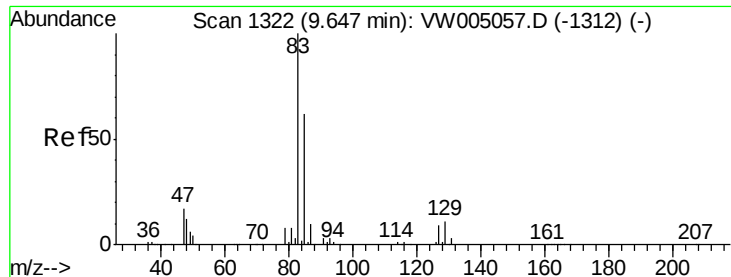
Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.4

174 112.9 92.0 138.0





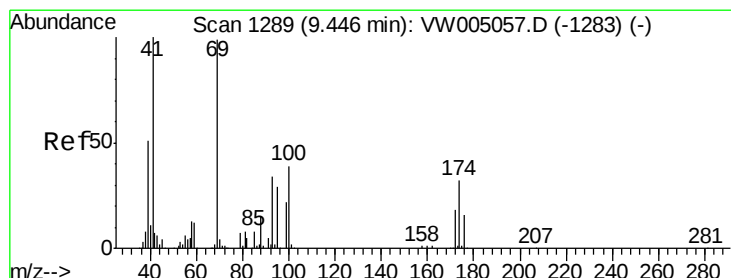
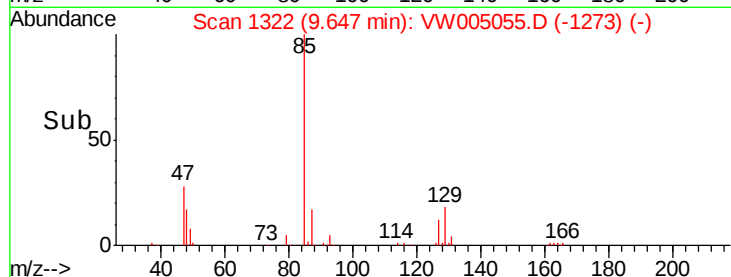
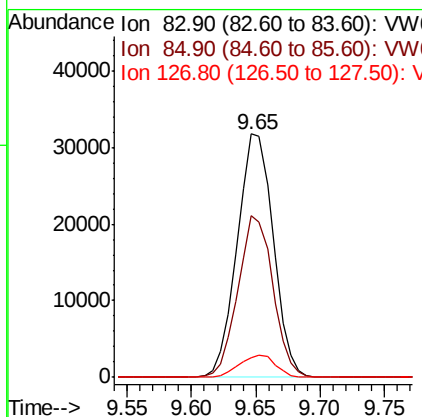
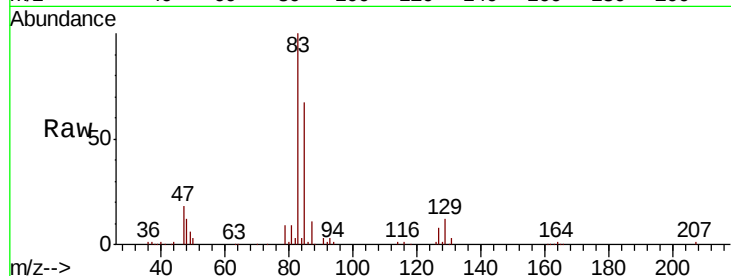
#47
Bromodichloromethane
Concen: 11.47 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.8	74.6
127	8.0	7.0	10.4

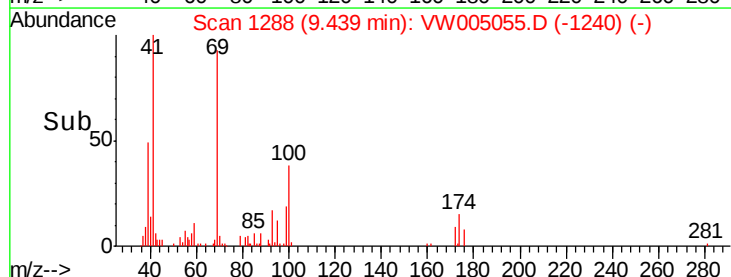
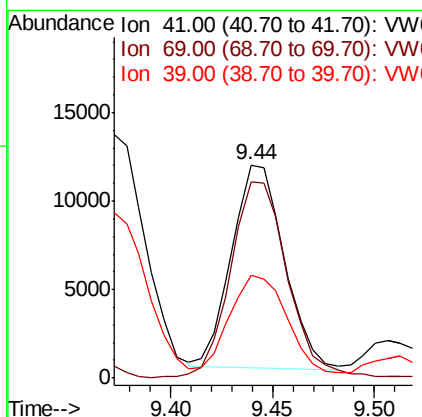
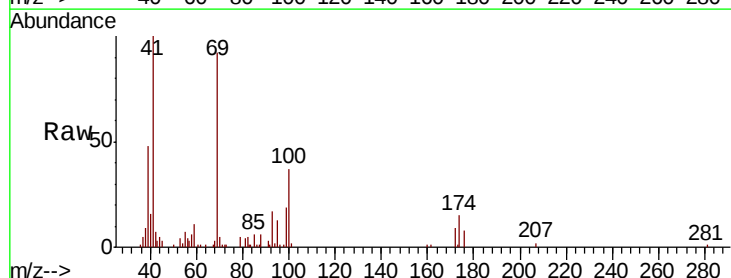
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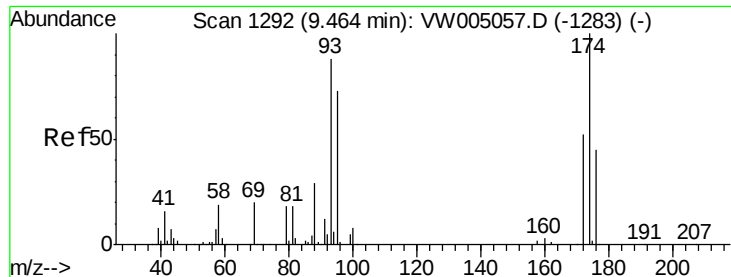
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#48
Methyl methacrylate
Concen: 8.98 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	105.2	80.4	120.6
39	58.4	43.5	65.3





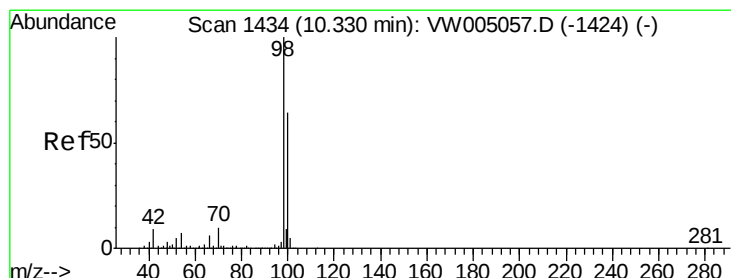
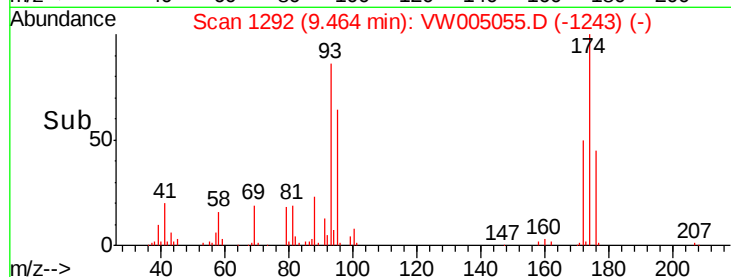
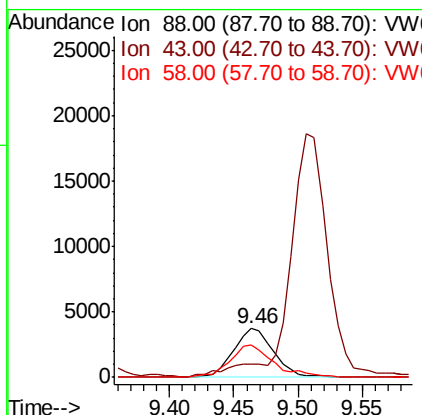
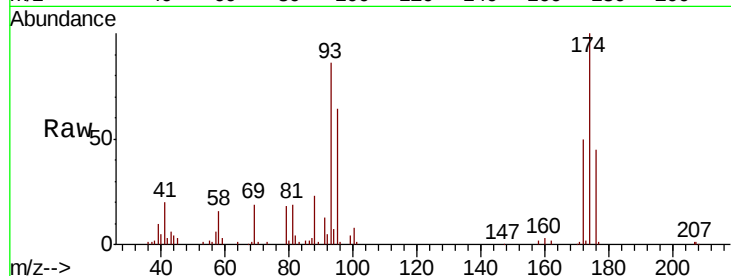
#49
1,4-Dioxane
Concen: 182.74 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.8	29.6#
58	73.3	57.1	85.7

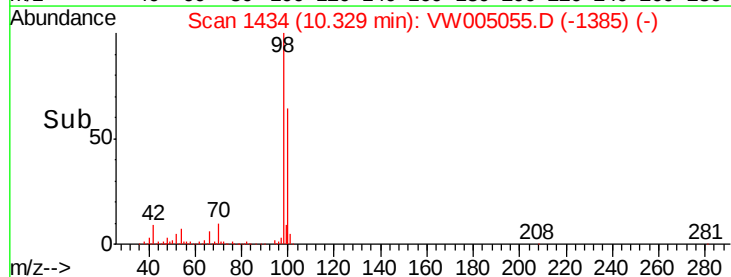
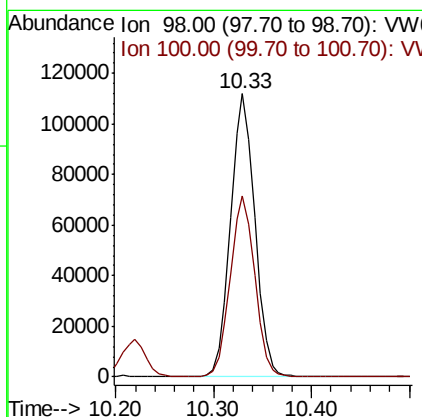
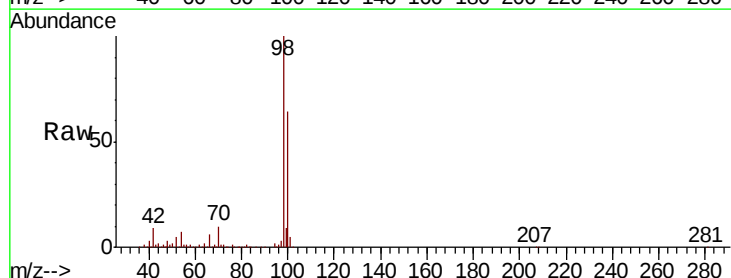
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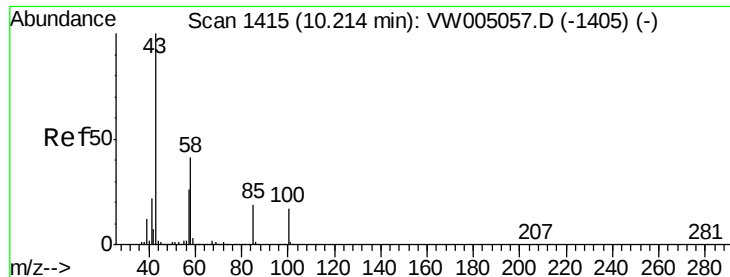
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#50
Toluene-d8
Concen: 9.89 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 47.35 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC010

Tot Ion: 43 Resp: 154627

Ion Ratio Lower Upper

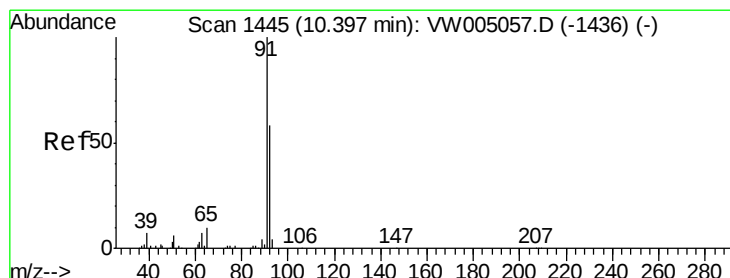
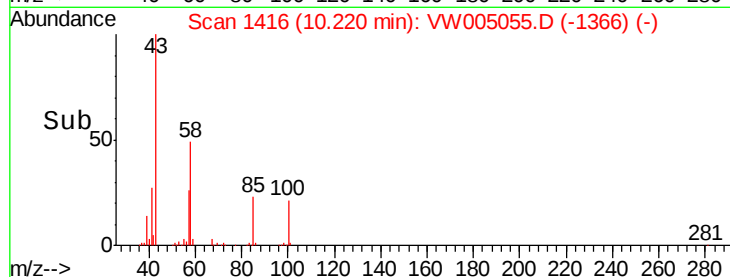
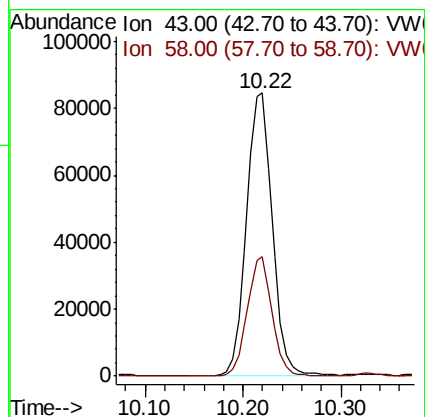
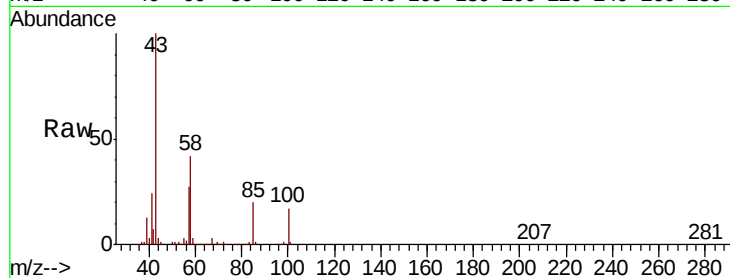
43 100

58 40.5 33.3 49.9

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#52

Toluene

Concen: 9.47 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005055.D

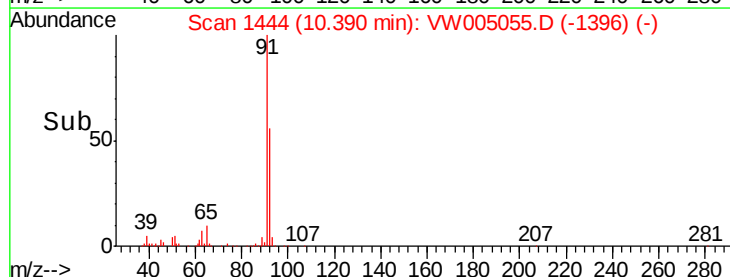
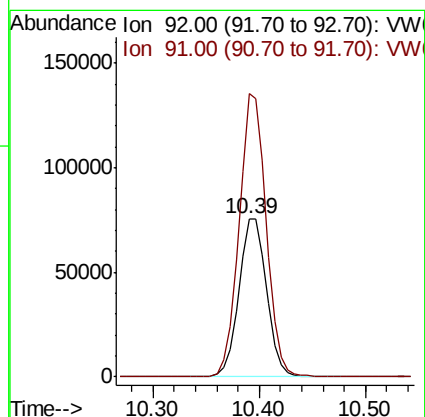
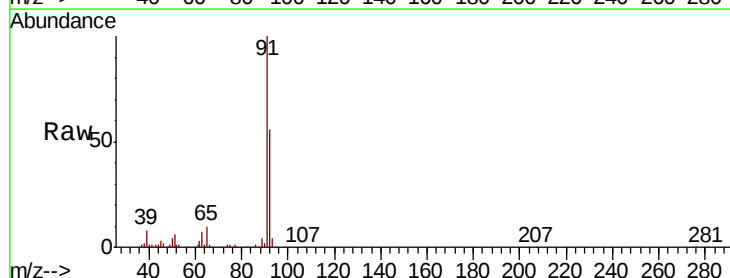
Acq: 01 Sep 2018 00:13

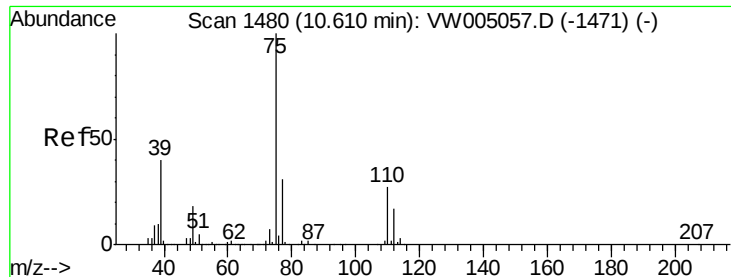
Tgt Ion: 92 Resp: 137809

Ion Ratio Lower Upper

92 100

91 175.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 10.07 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 56722

Ion Ratio Lower Upper

75 100

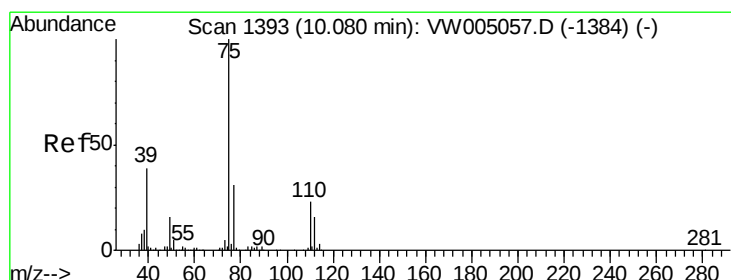
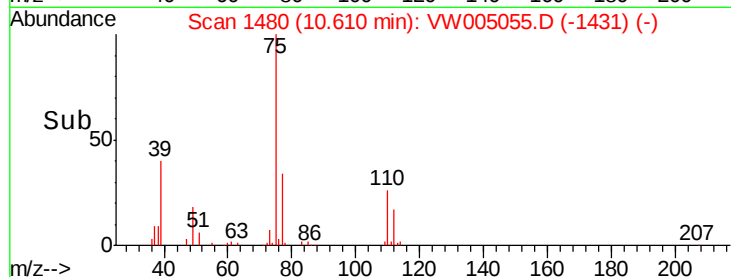
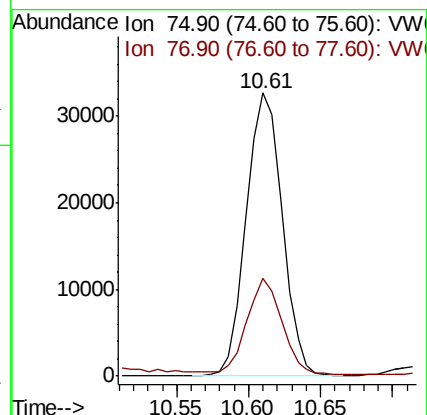
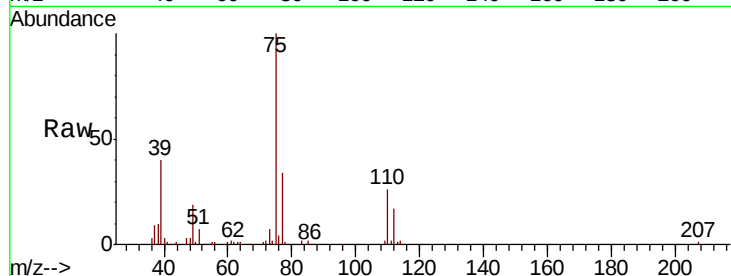
77 33.6 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 10.71 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

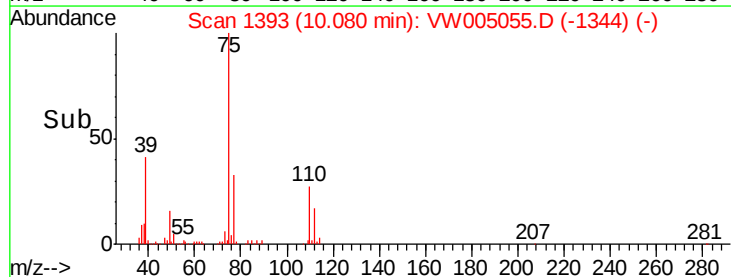
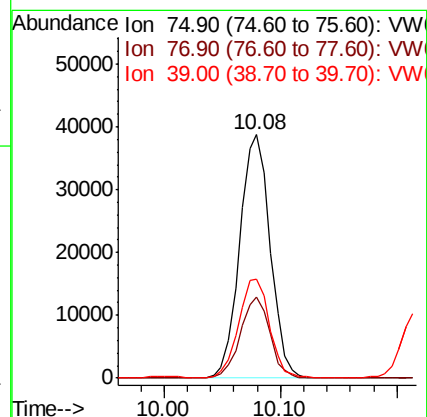
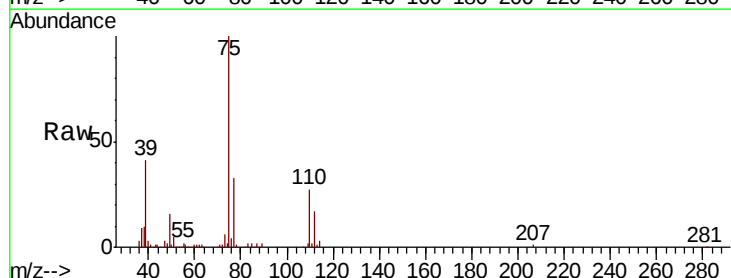
Tgt Ion: 75 Resp: 70843

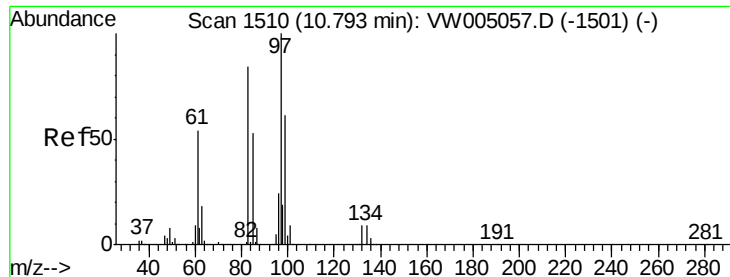
Ion Ratio Lower Upper

75 100

77 33.4 24.9 37.3

39 40.4 31.0 46.6





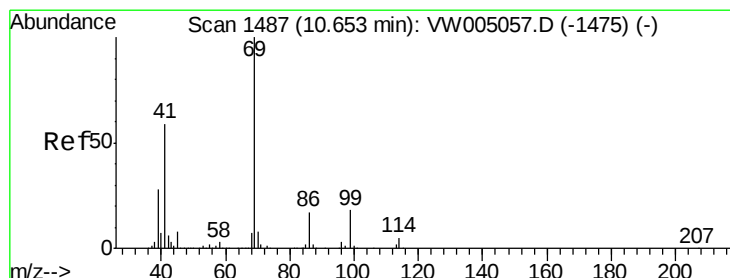
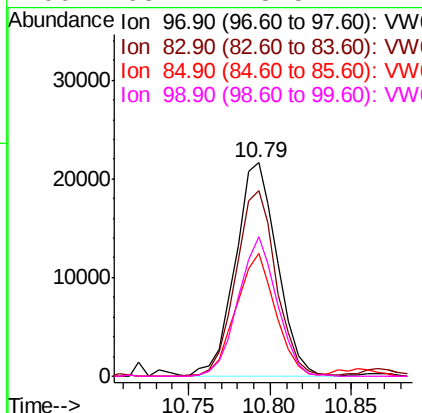
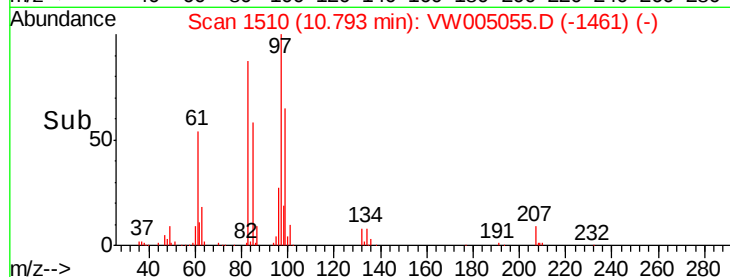
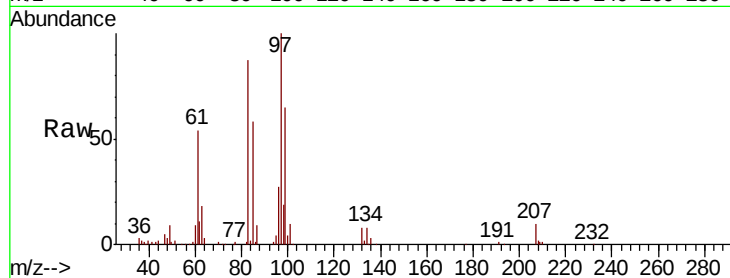
#55
 1,1,2-Trichloroethane
 Concen: 11.00 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	97	Resp	38609
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	57.6	42.3	63.5
99	65.2	48.5	72.7

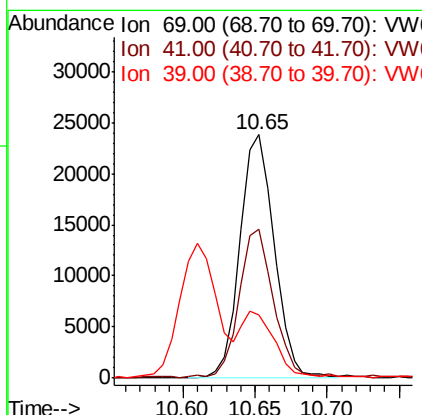
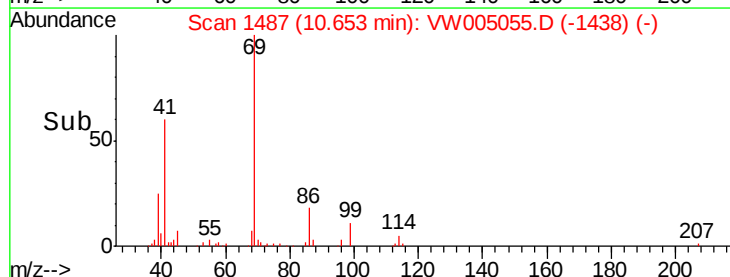
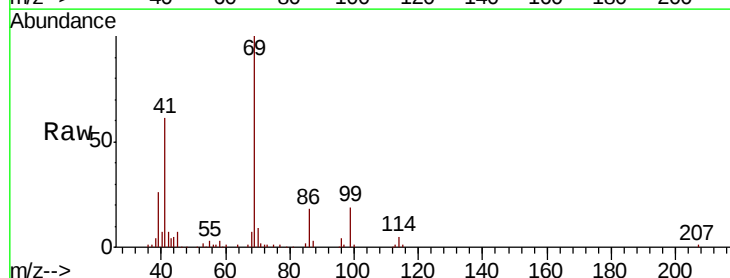
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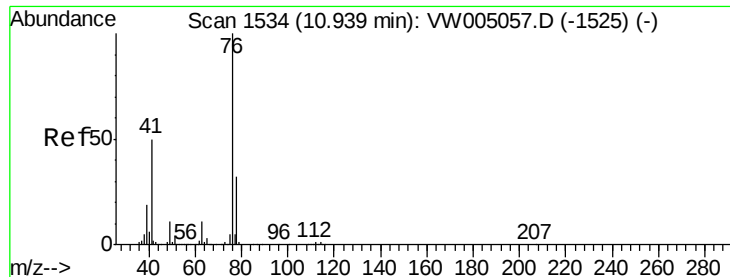
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#56
 Ethyl methacrylate
 Concen: 8.73 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	69	Resp	39522
Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.8	71.6
39	25.3	21.1	31.7





#57

1,3-Dichloropropane

Concen: 10.82 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 62231

Ion Ratio Lower Upper

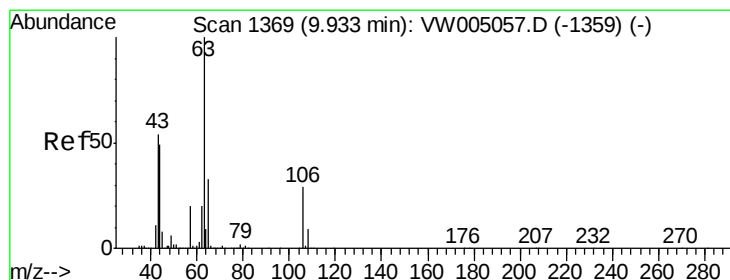
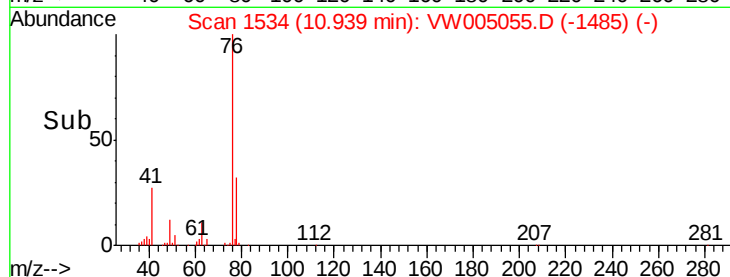
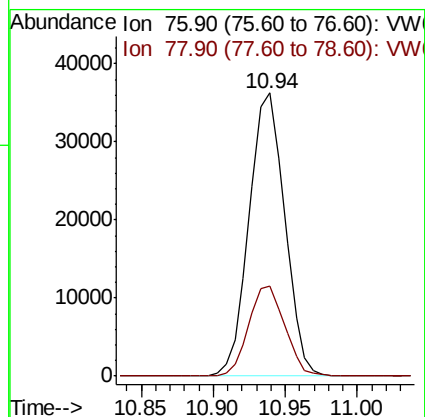
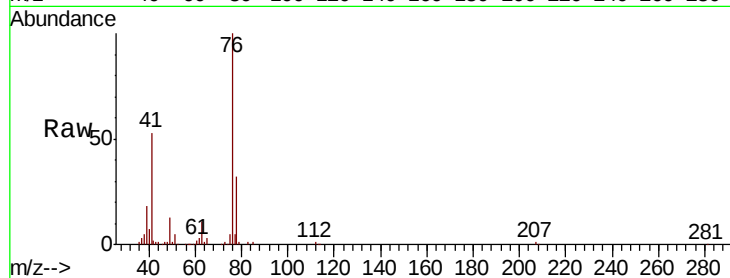
76 100

78 32.2 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 47.18 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW005055.D

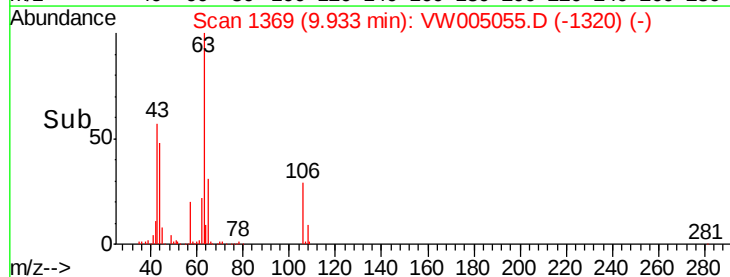
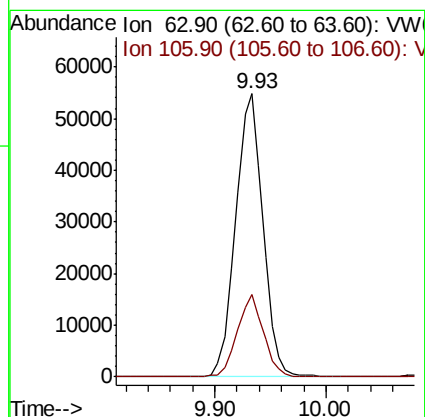
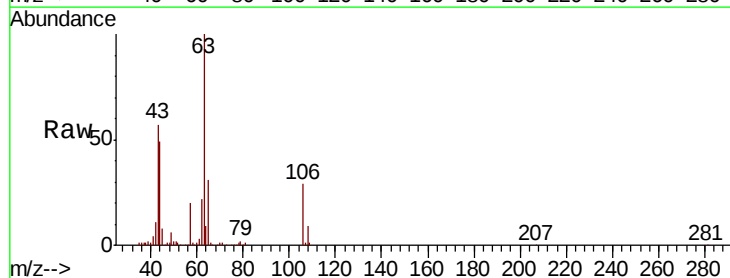
Acq: 01 Sep 2018 00:13

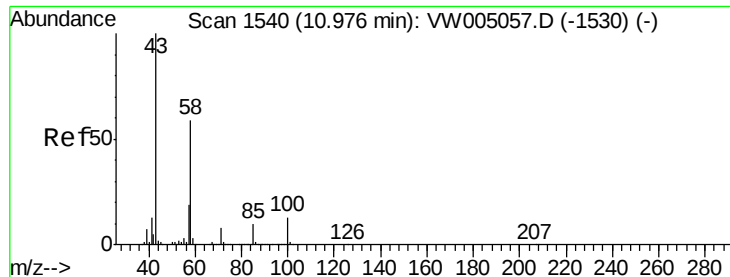
Tgt Ion: 63 Resp: 92953

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7





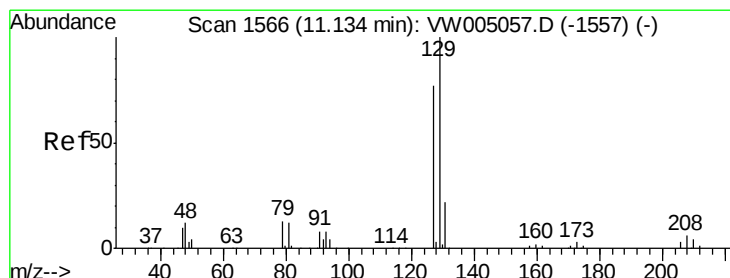
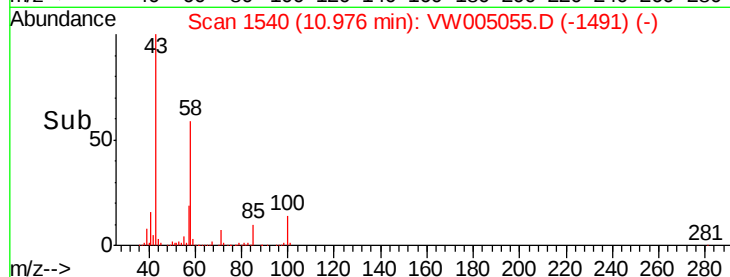
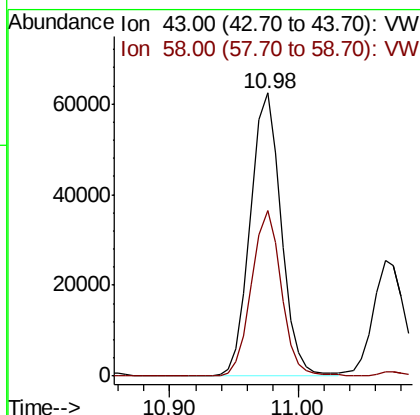
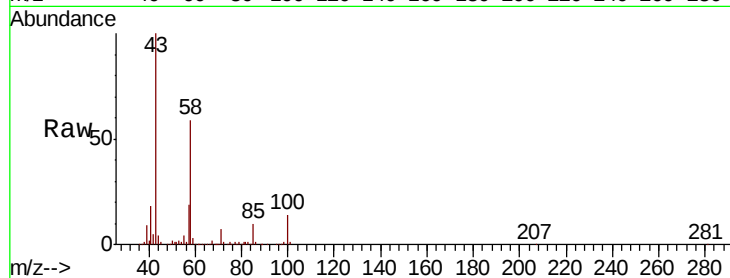
#59
2-Hexanone
Concen: 43.77 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 102726
Ion Ratio Lower Upper
43 100
58 56.8 28.7 86.3

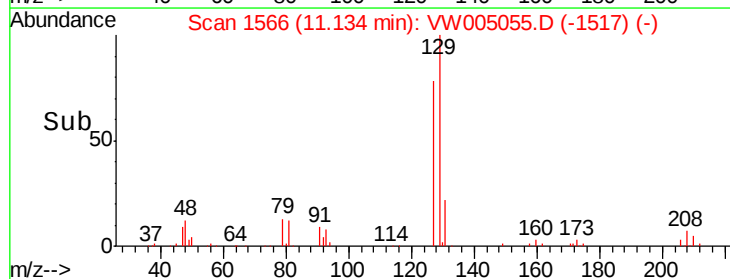
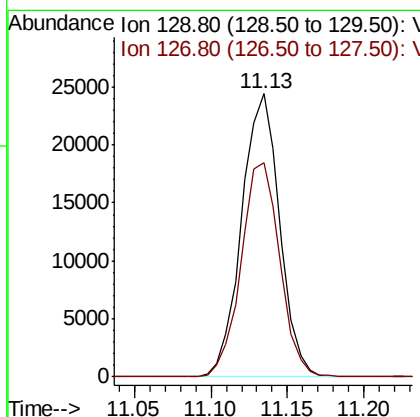
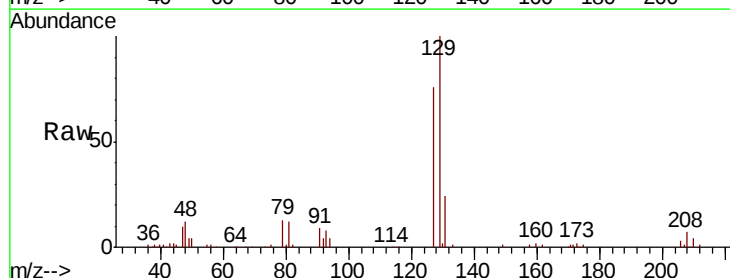
Manual Integrations
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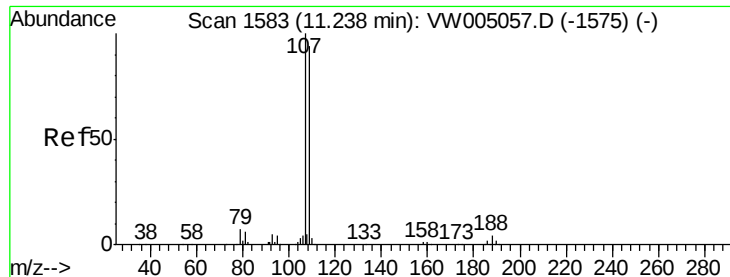
apatel
9/4/2018 9:36:51 AM



#60
Dibromochloromethane
Concen: 10.95 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 129 Resp: 42122
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





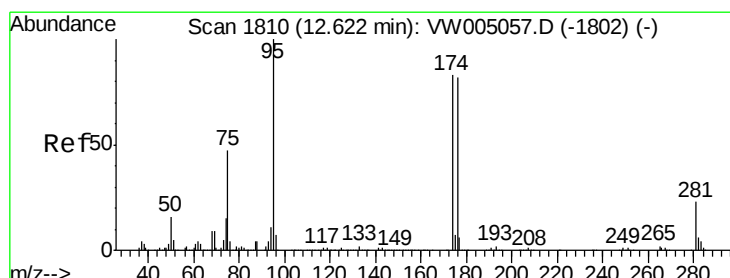
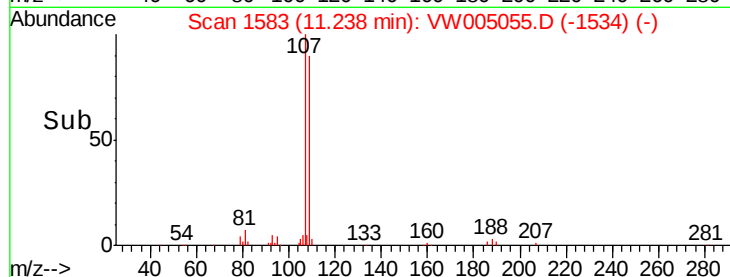
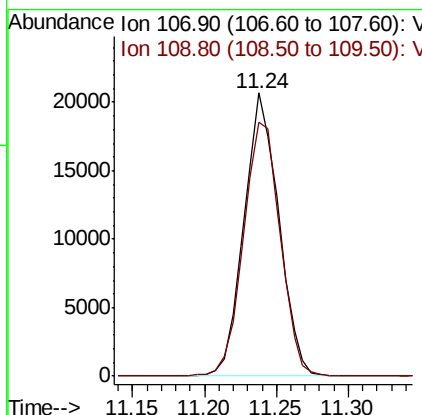
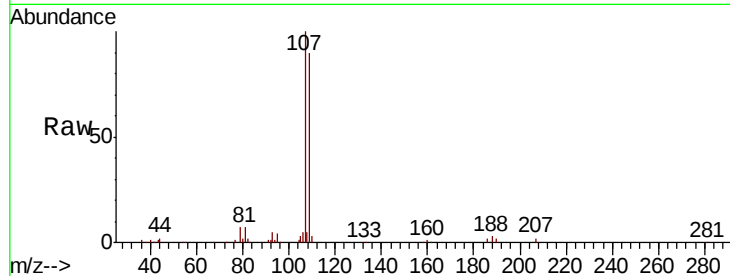
#61
 1,2-Dibromoethane
 Concen: 10.58 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 34467
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.9 113.9

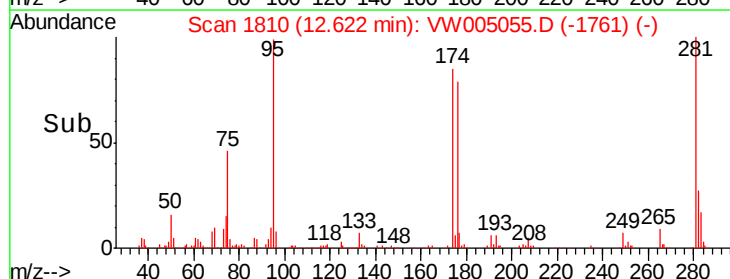
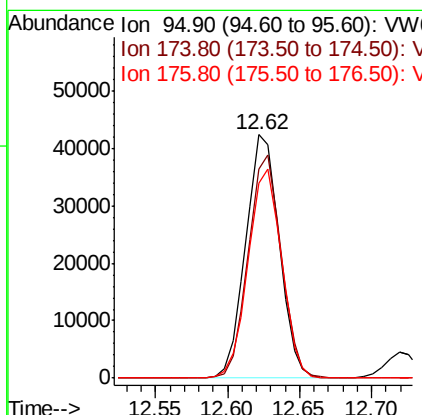
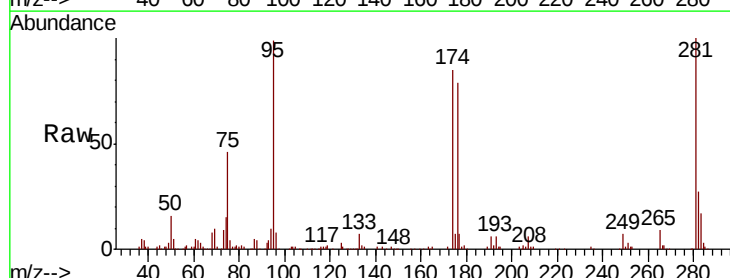
Manual Integrations
 APPROVED

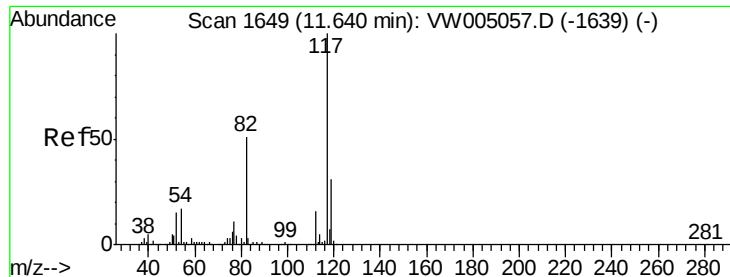
apatel
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#62
 4-Bromofluorobenzene
 Concen: 9.61 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 95 Resp: 68319
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 173.4
 176 85.6 0.0 167.4





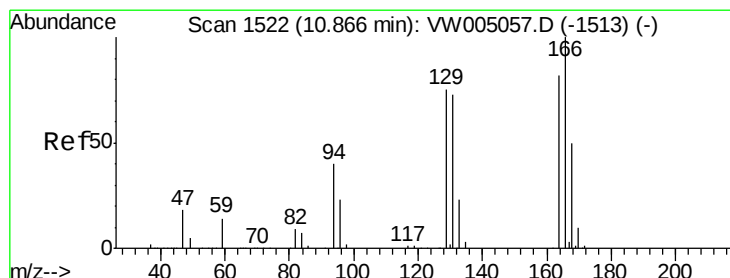
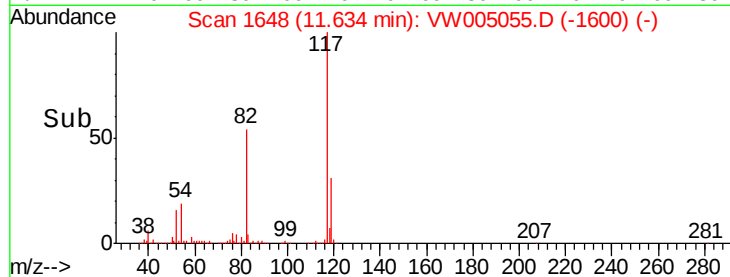
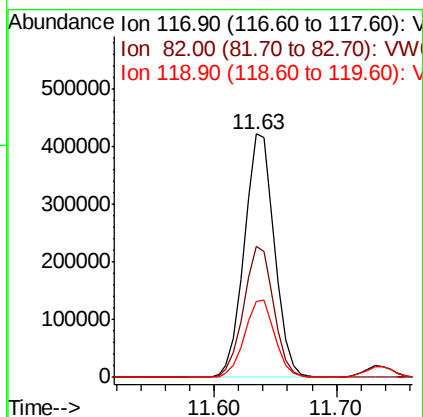
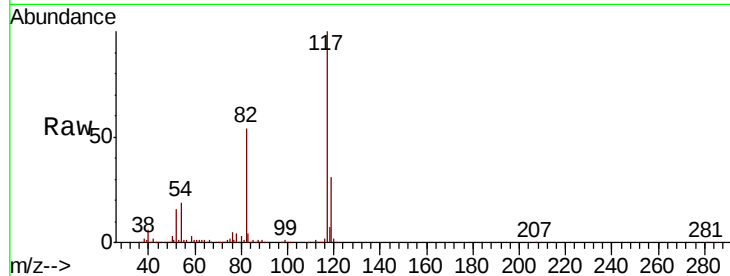
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.9	61.3
119	31.3	24.9	37.3

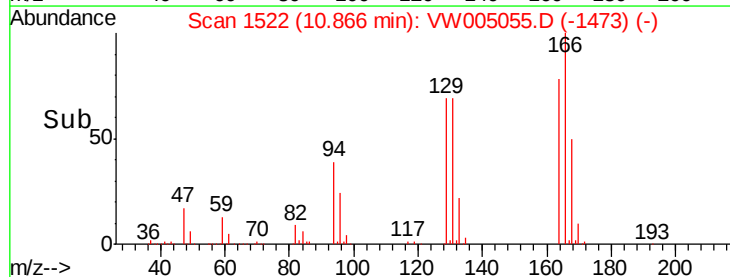
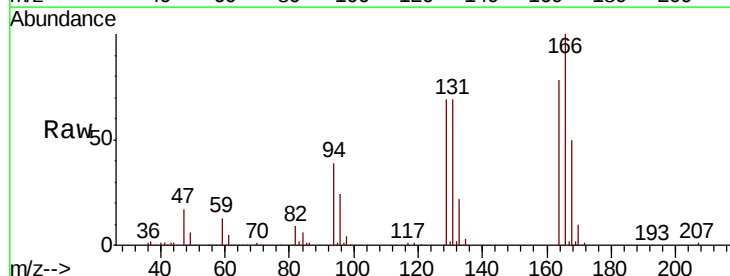
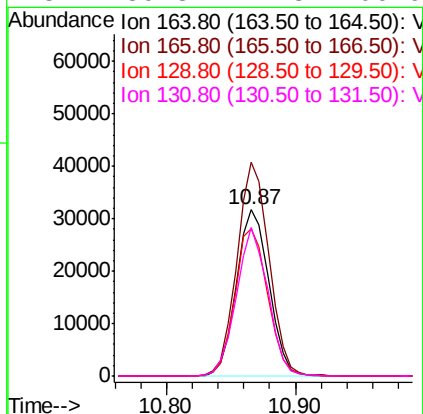
Manual Integrations
APPROVED

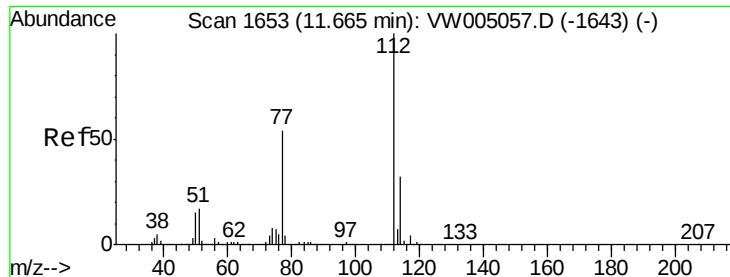
apatel
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#64
Tetrachloroethene
Concen: 10.39 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	97.3	145.9
129	88.7	73.1	109.7
131	89.3	71.3	106.9





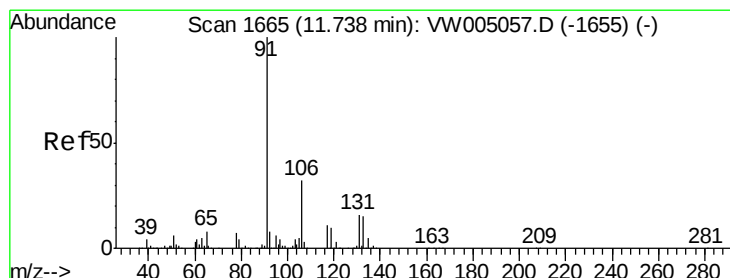
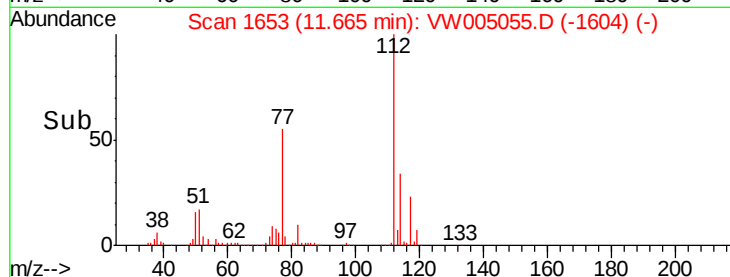
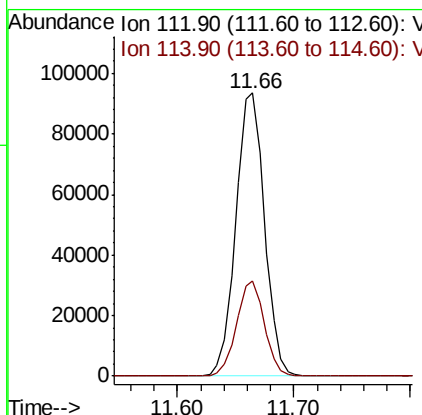
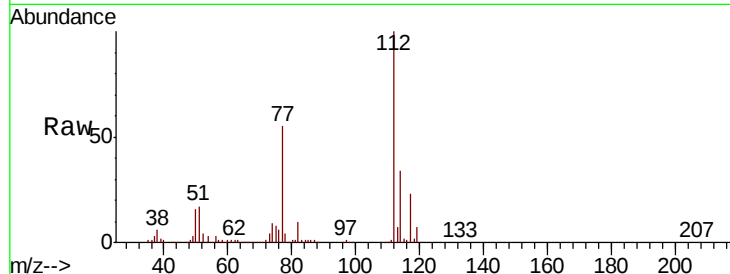
#65
Chlorobenzene
Concen: 10.03 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:112 Resp: 160704
Ion Ratio Lower Upper
112 100
114 33.8 26.0 39.0

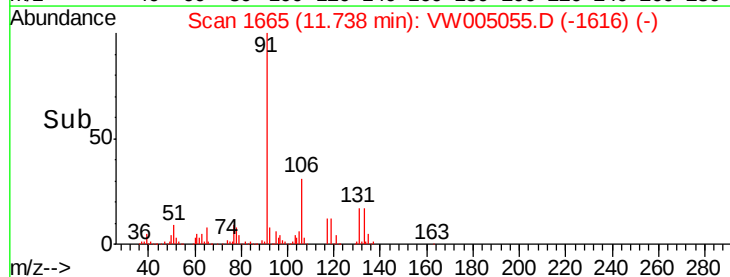
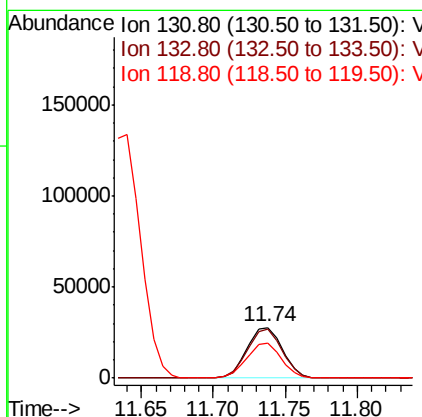
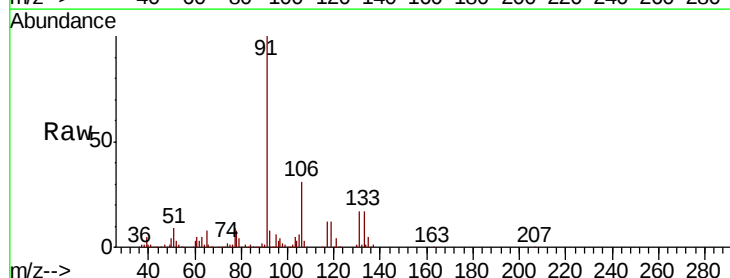
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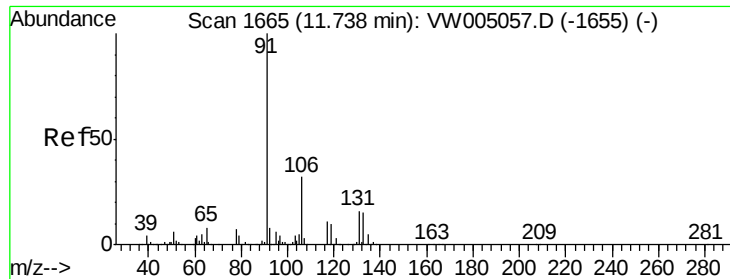
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.69 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:131 Resp: 47407
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 68.5 33.4 100.1





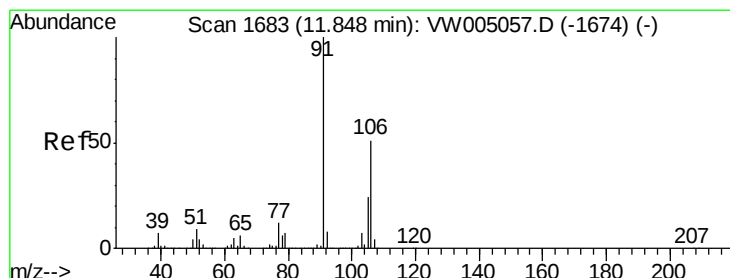
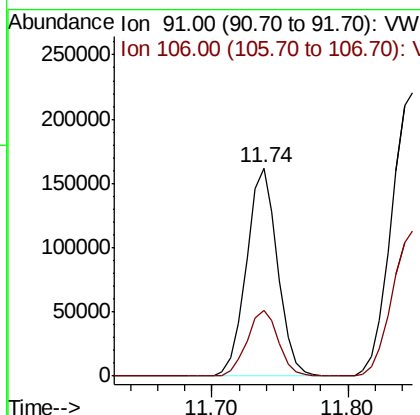
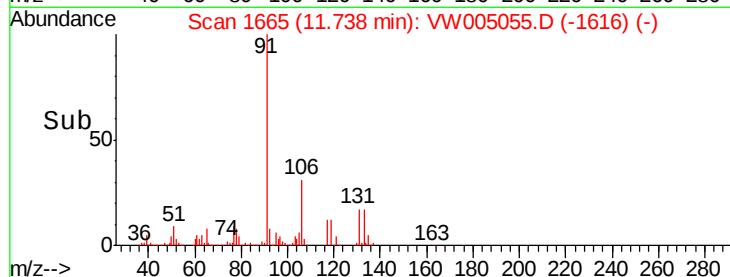
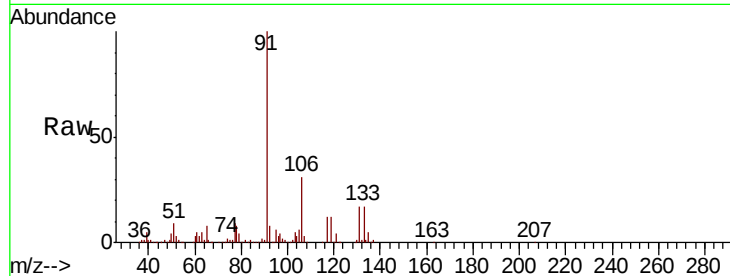
#67
Ethyl Benzene
Concen: 9.42 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	91	Resp	258509
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.3	37.9

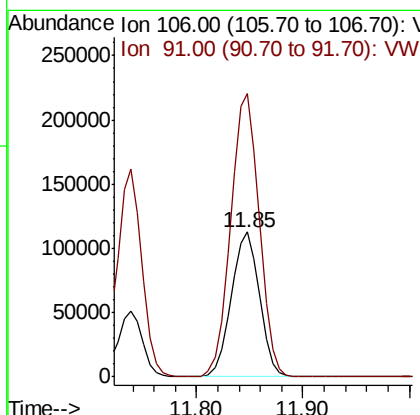
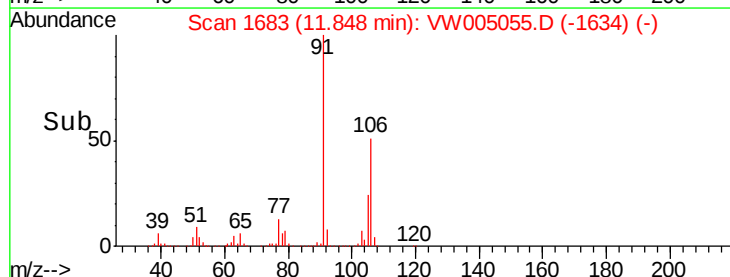
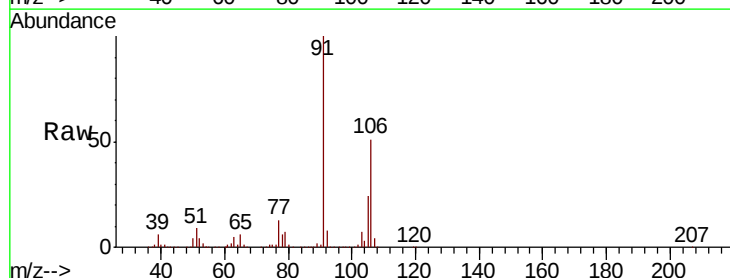
Manual Integrations
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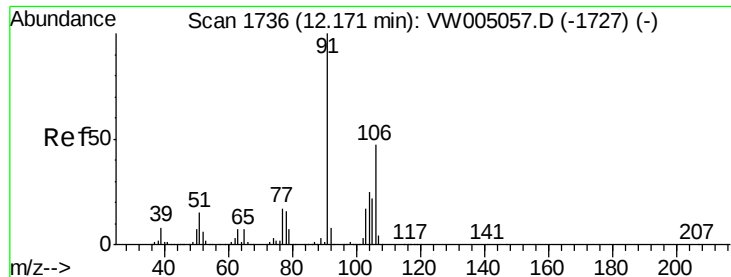
apatel
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#68
m/p-Xylenes
Concen: 18.78 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	106	Resp	209410
Ion Ratio	Lower	Upper	
106	100		
91	197.4	158.4	237.6





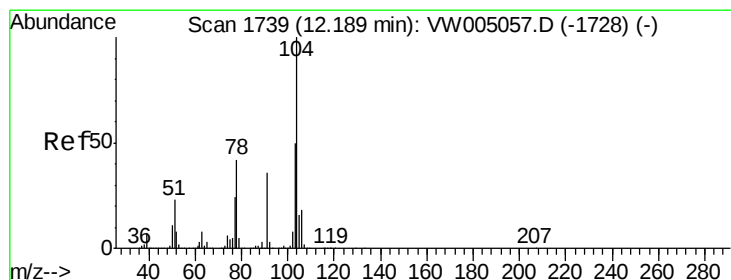
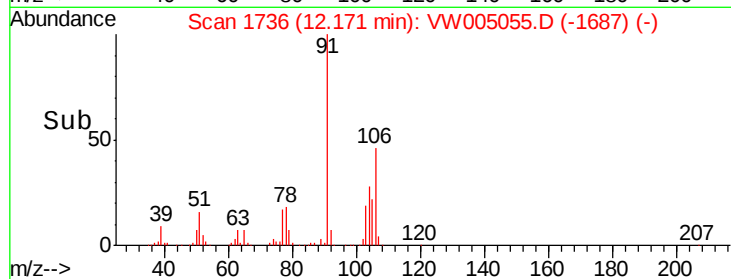
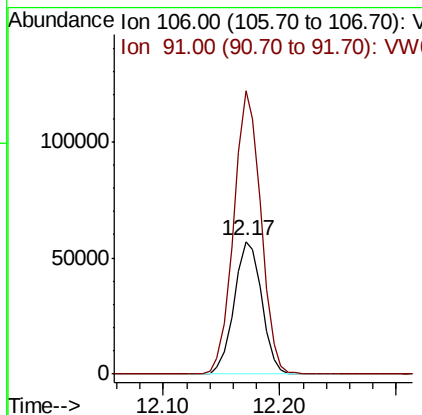
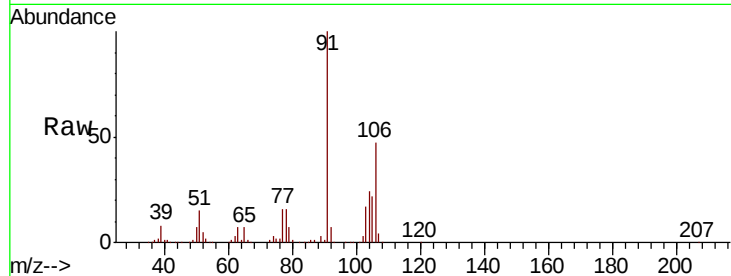
#69
o-Xylene
Concen: 9.26 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleID :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.8	105.6	316.8	

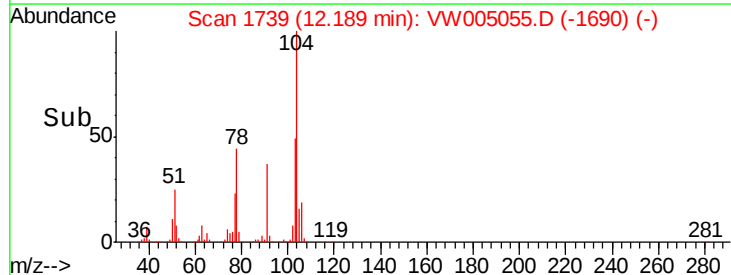
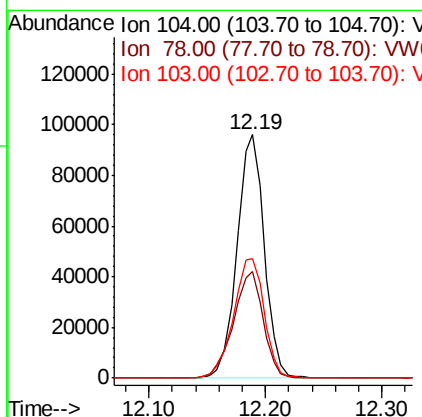
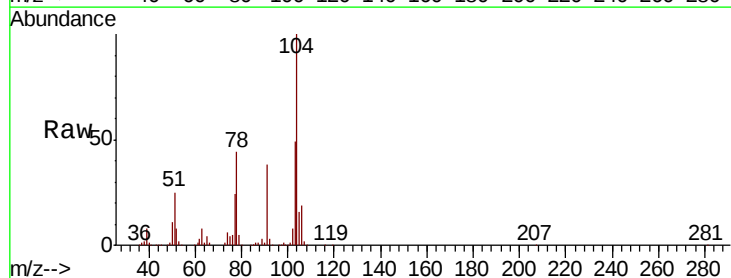
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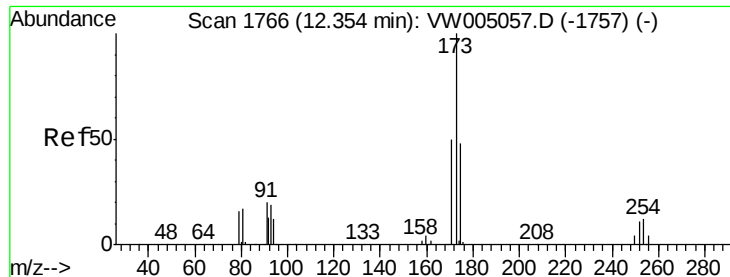
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#70
Styrene
Concen: 9.27 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	37.8	56.6	
103	55.3	44.1	66.1	





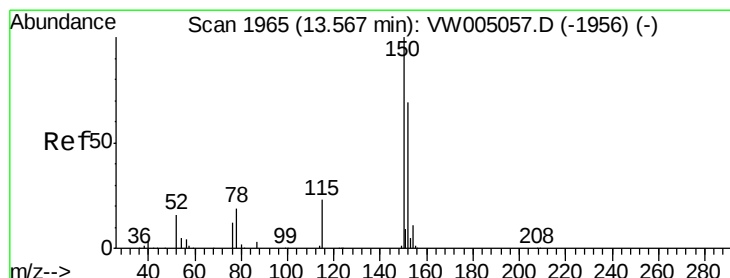
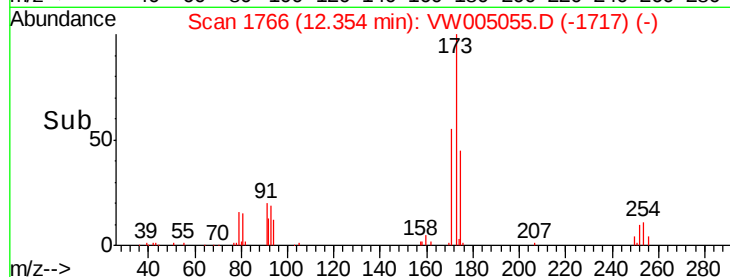
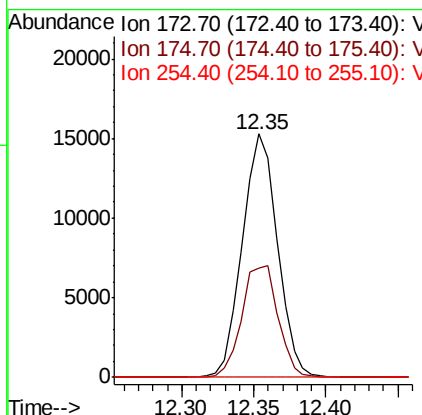
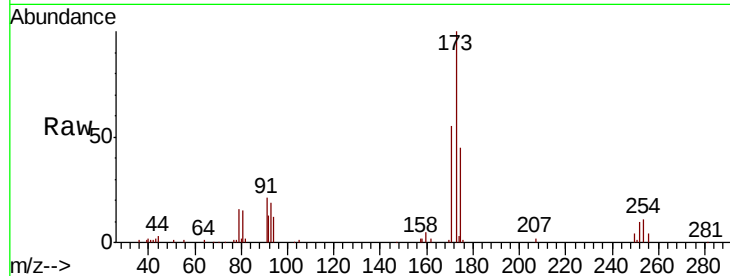
#71
Bromoform
Concen: 10.54 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.2
254	0.0	0.2	0.2

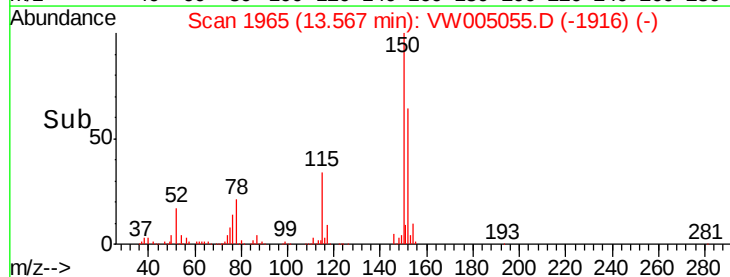
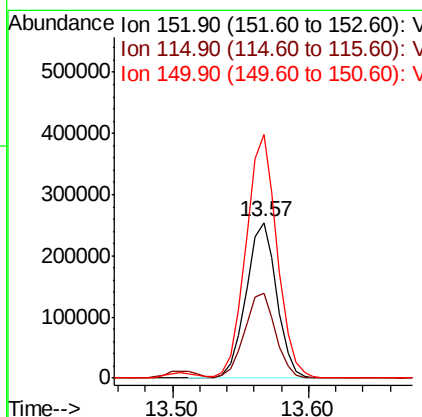
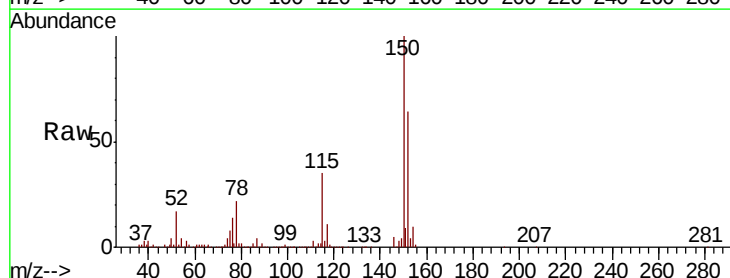
Manual Integrations
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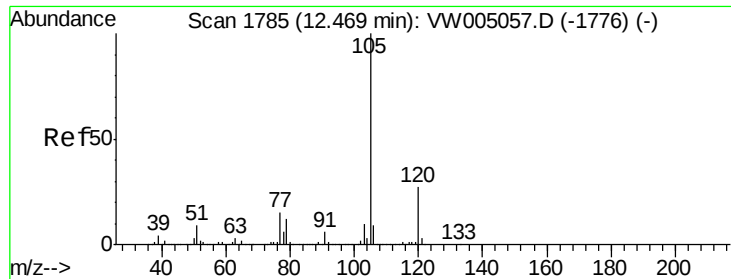
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.4
150	159.3	0.0	351.4





#73

Isopropylbenzene

Concen: 9.34 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 253269

Ion Ratio Lower Upper

105 100

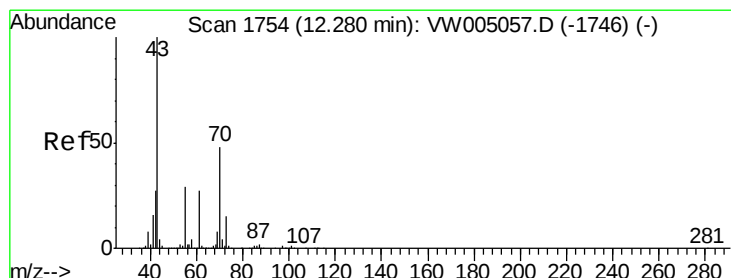
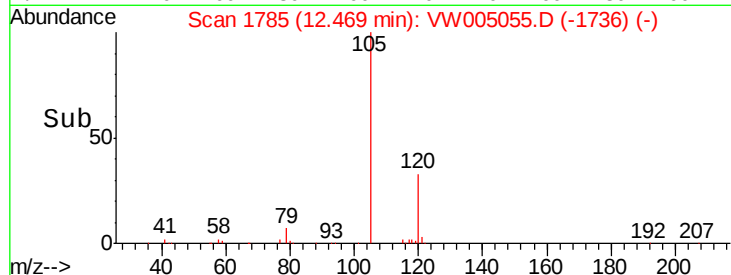
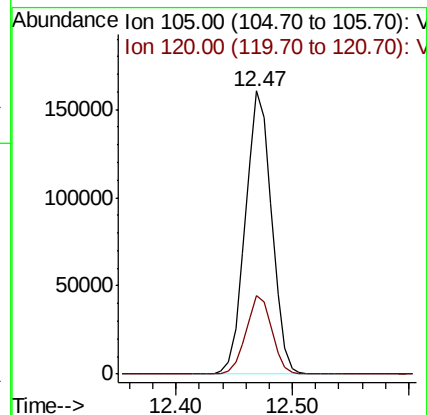
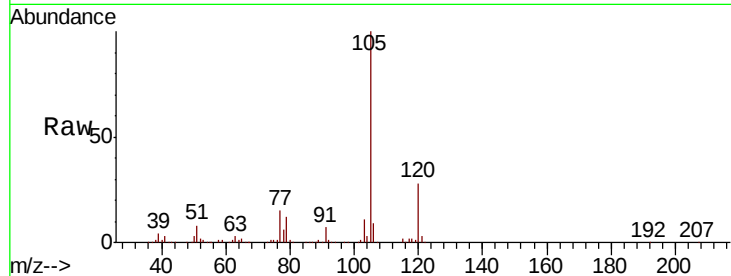
120 27.2 13.4 40.1

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#74

N-ethyl acetate

Concen: 8.86 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion: 43 Resp: 44556

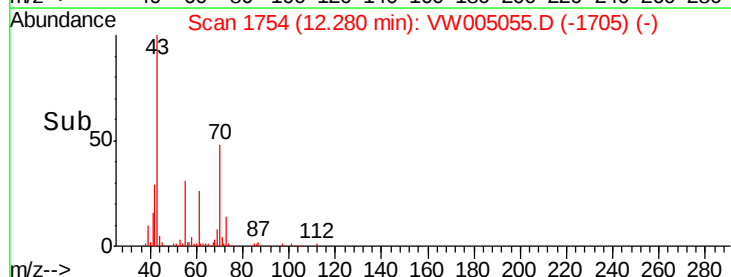
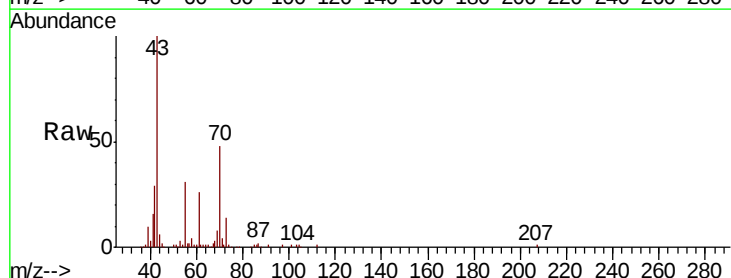
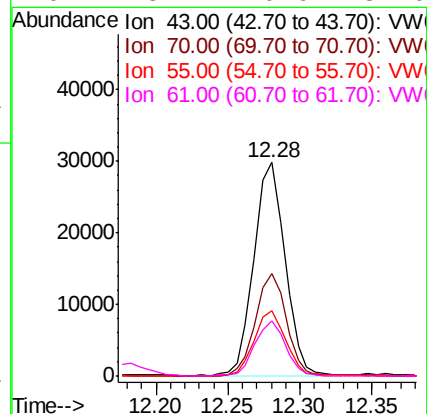
Ion Ratio Lower Upper

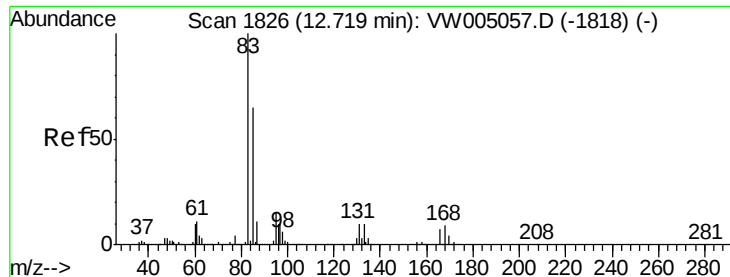
43 100

70 47.6 38.2 57.4

55 31.3 23.2 34.8

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.34 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

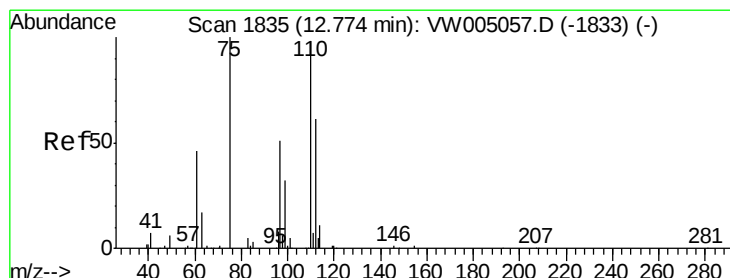
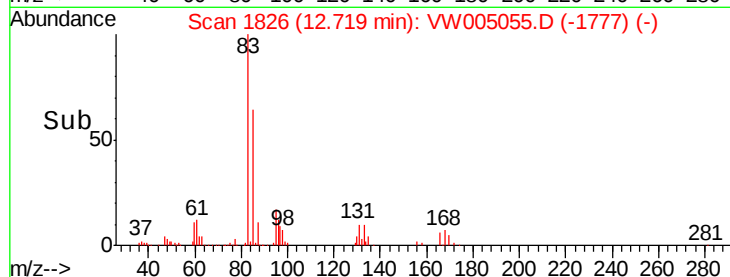
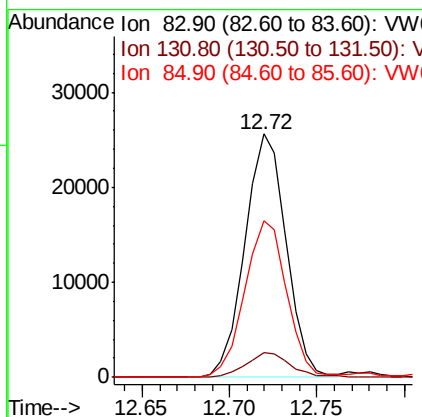
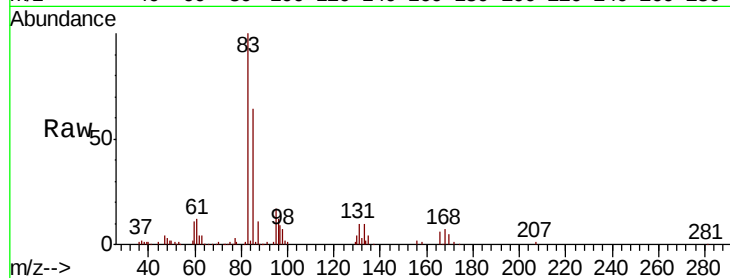
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	42081
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	65.4	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 11.86 ug/l m

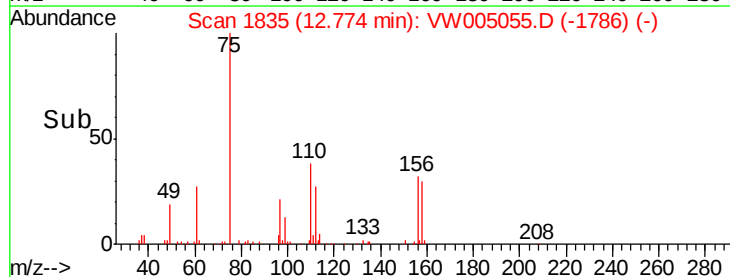
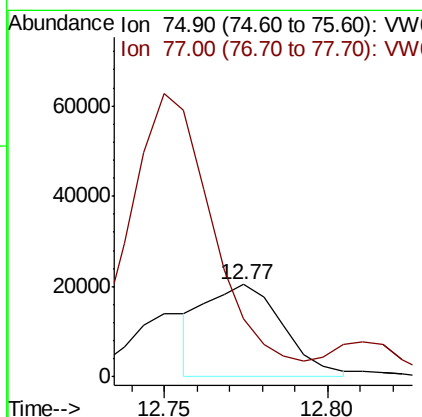
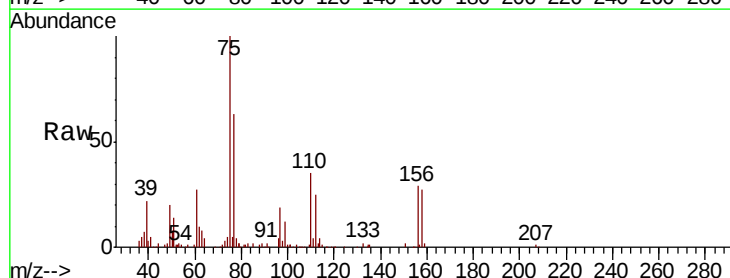
RT: 12.77 min Scan# 1835

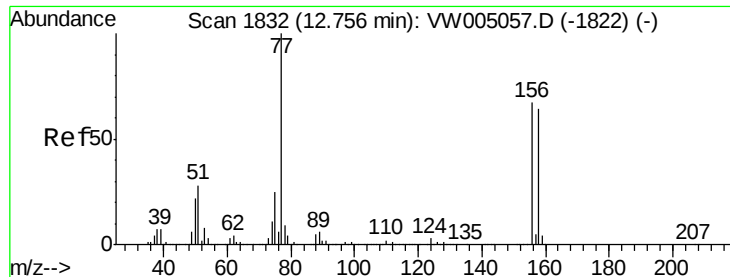
Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion:	75	Resp:	33919
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





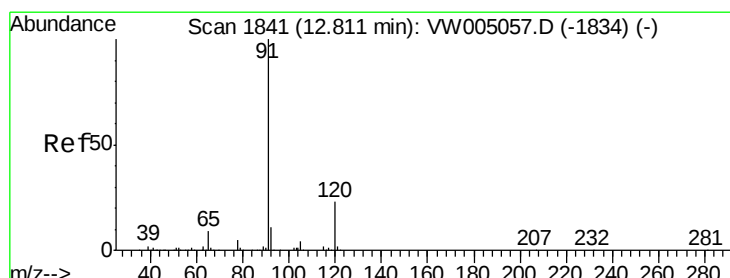
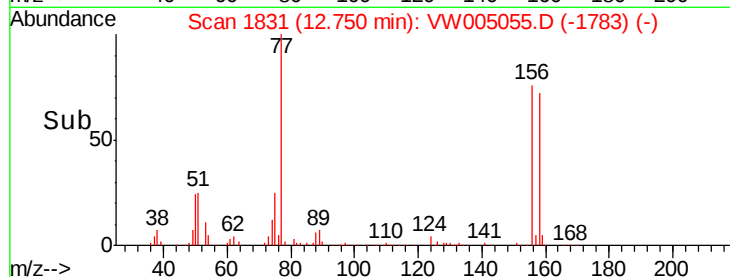
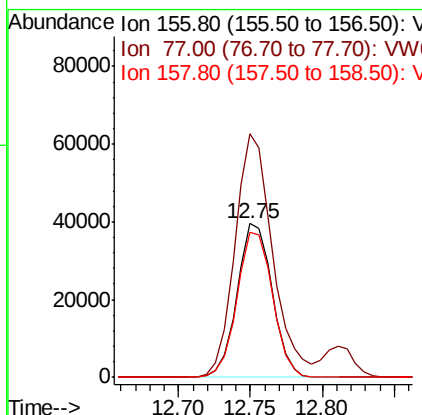
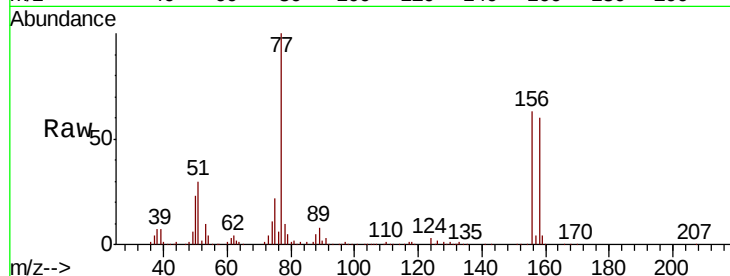
#77
Bromobenzene
Concen: 10.04 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.4	85.8	257.4
158	95.7	48.1	144.4

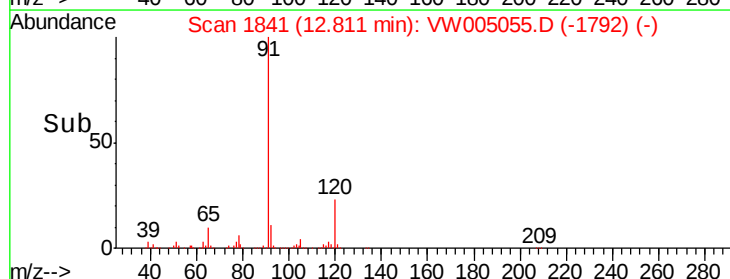
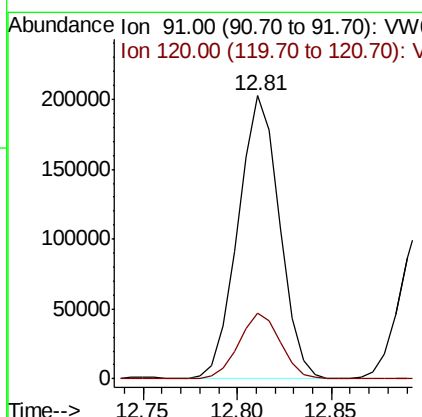
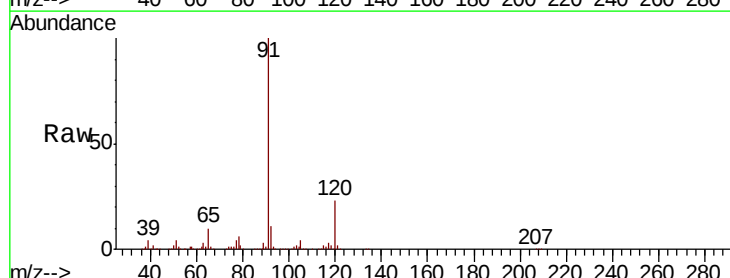
Manual Integrations
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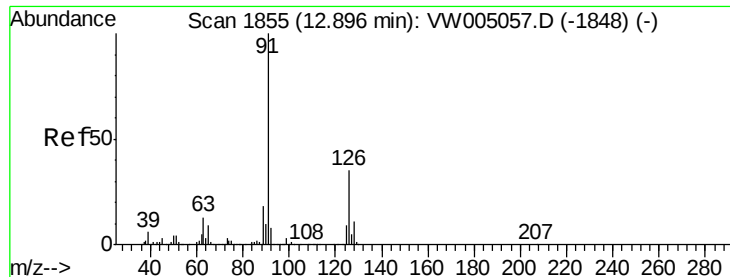
apatel
9/4/2018 9:36:51 AM



#78
n-propylbenzene
Concen: 9.28 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 9.62 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 185254

Ion Ratio Lower Upper

91 100

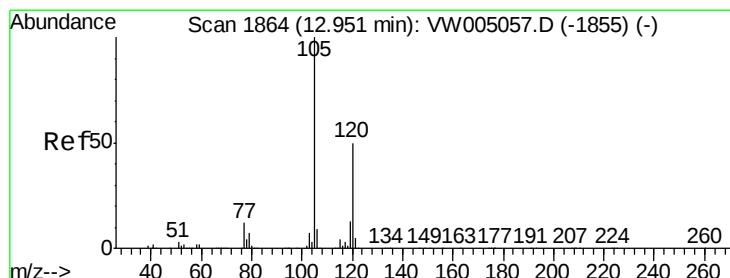
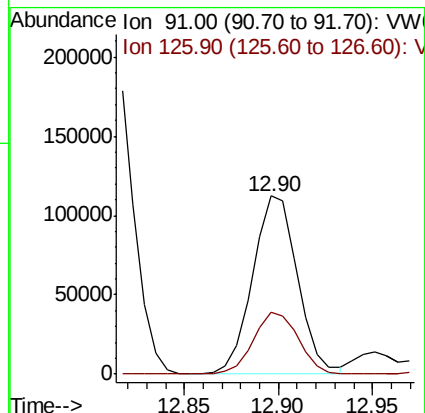
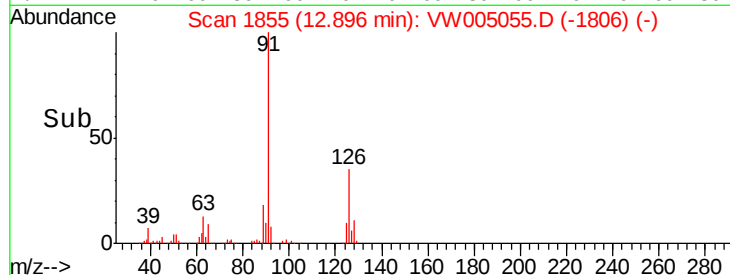
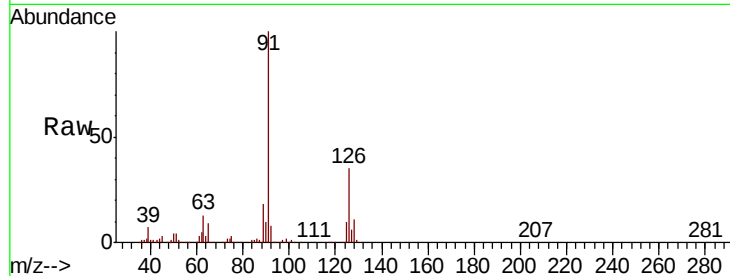
126 34.6 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 9.36 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005055.D

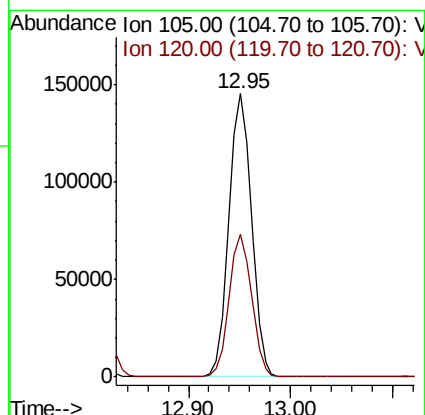
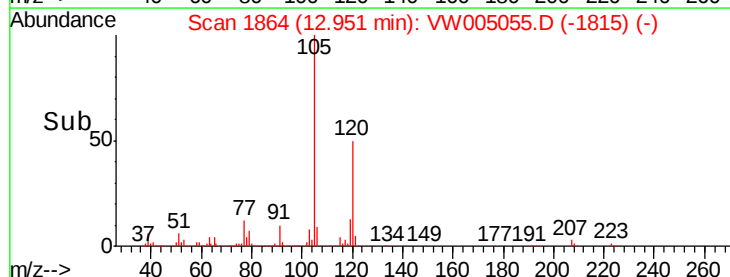
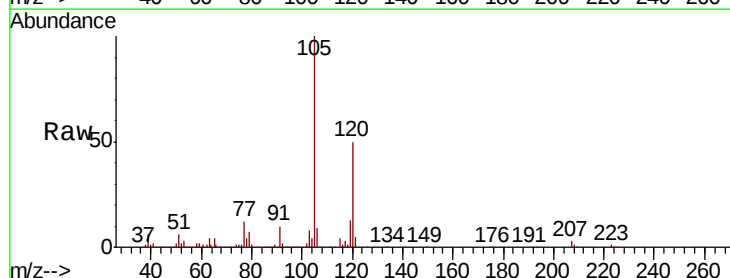
Acq: 01 Sep 2018 00:13

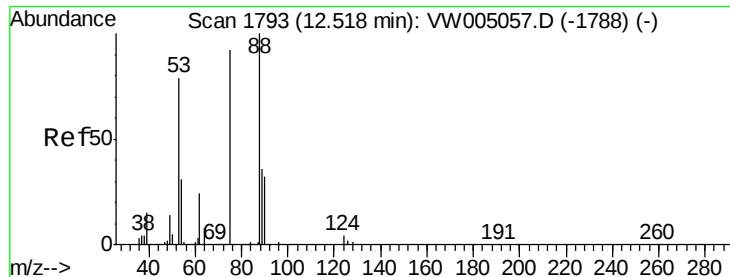
Tgt Ion: 105 Resp: 223556

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8





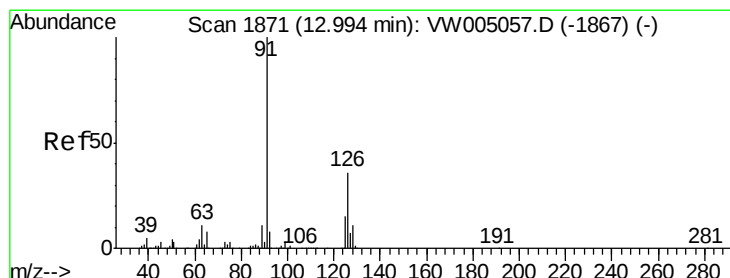
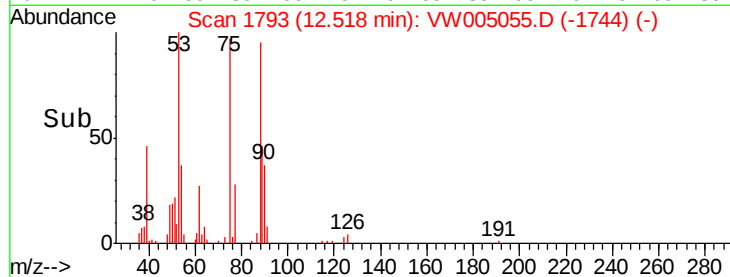
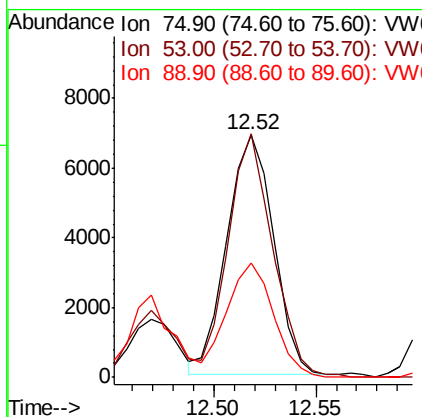
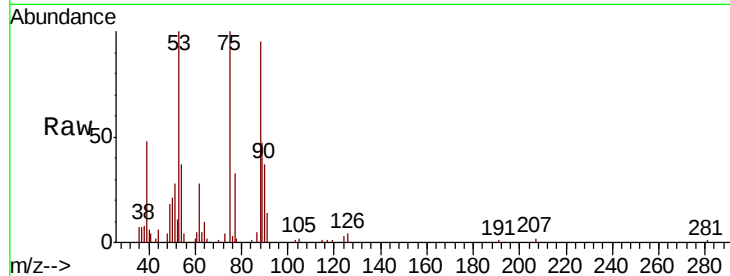
#81
trans-1,4-Dichloro-2-butene
Concen: 8.79 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	69.8	104.8
89	47.3	36.0	54.0

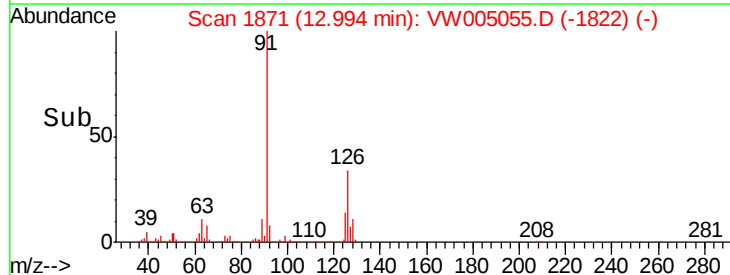
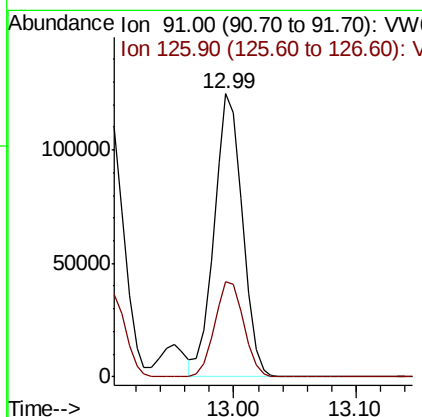
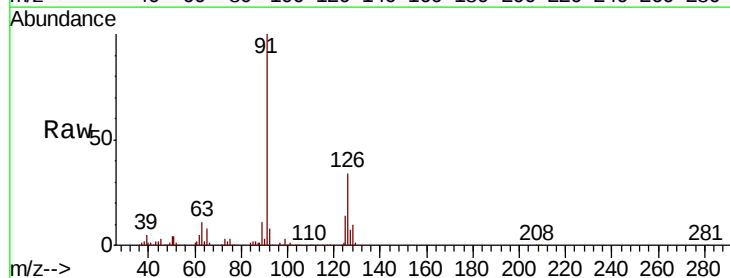
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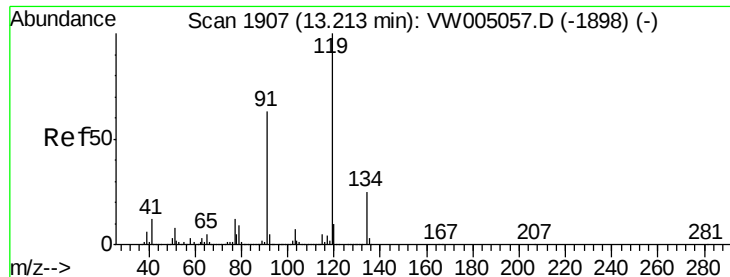
apatel
9/4/2018 9:36:51 AM



#82
4-Chlorotoluene
Concen: 9.79 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.4	52.3





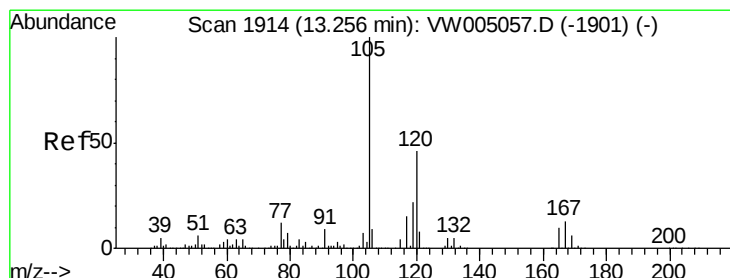
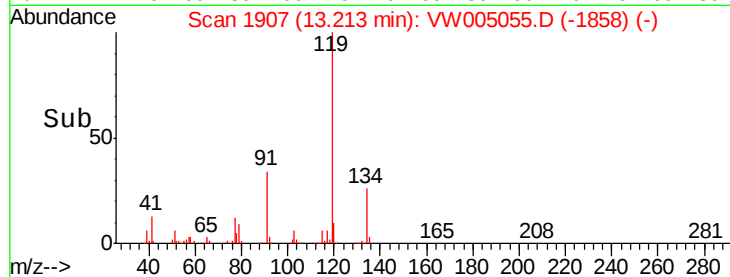
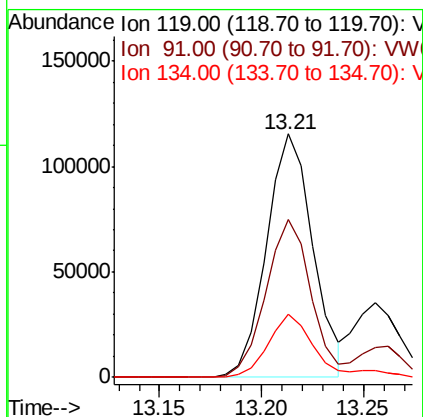
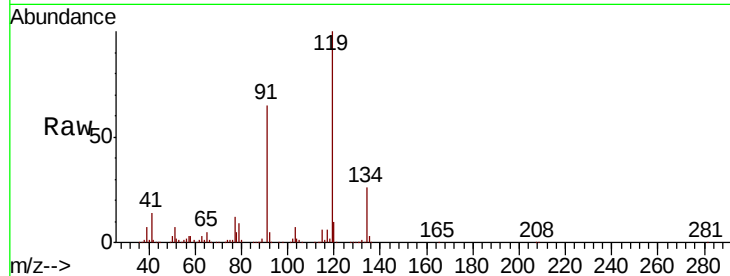
#83
tert-Butylbenzene
Concen: 9.12 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182917		
91	63.8	31.8	95.4	
134	26.6	13.0	39.0	

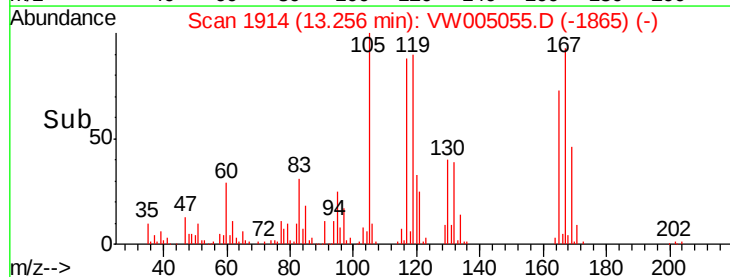
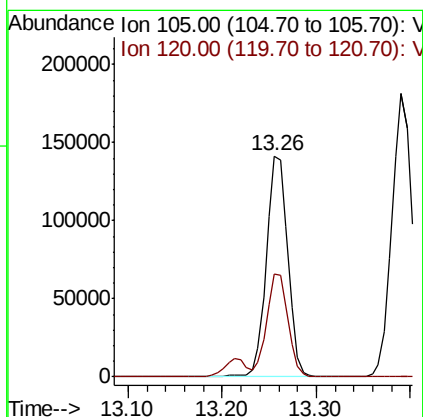
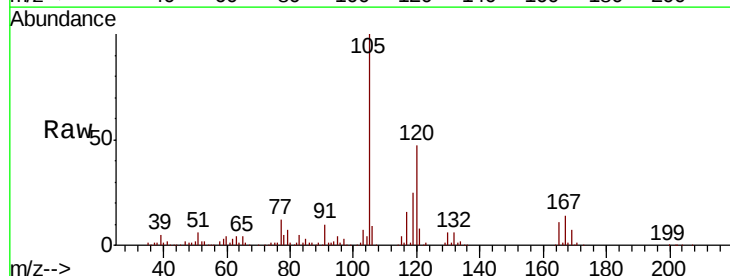
Manual Integrations
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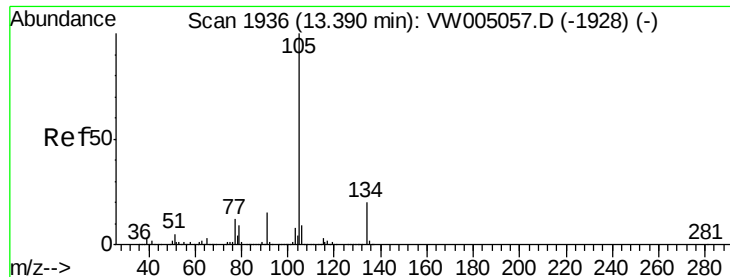
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 9.36 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227110		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 9.37 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 275309

Ion Ratio Lower Upper

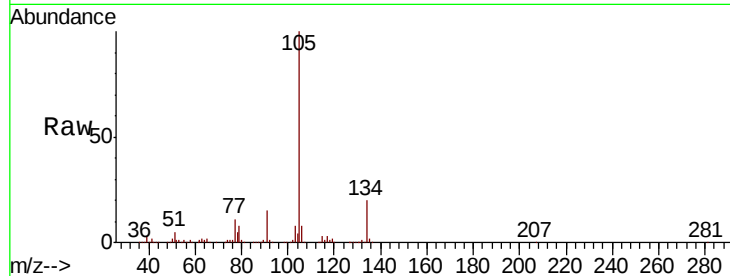
105 100

134 20.2 10.1 30.3

Manual Integrations
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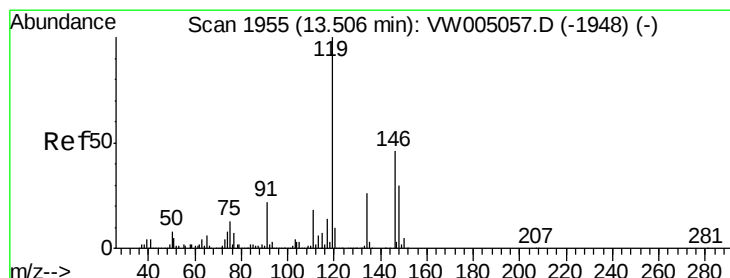
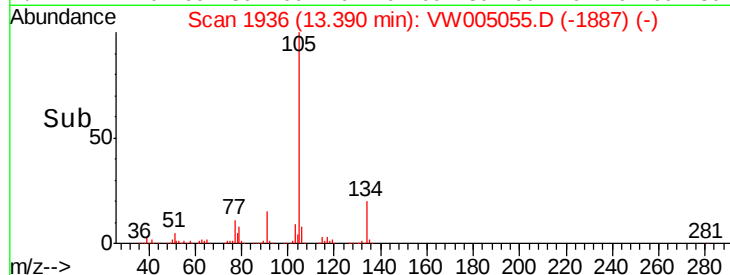
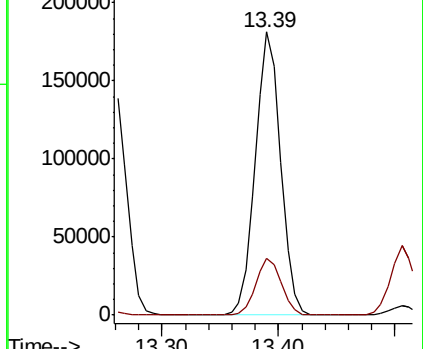
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.14 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

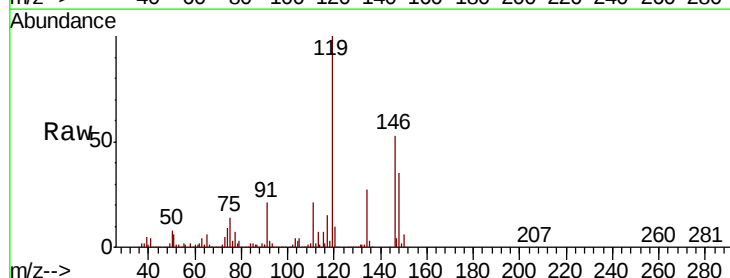
Tgt Ion:119 Resp: 240531

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

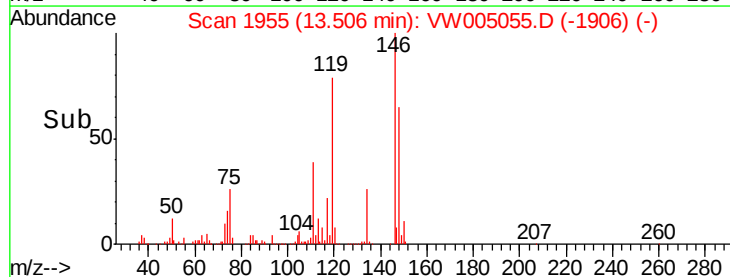
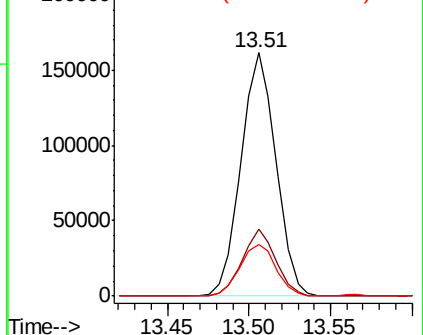
91 22.0 10.9 32.9

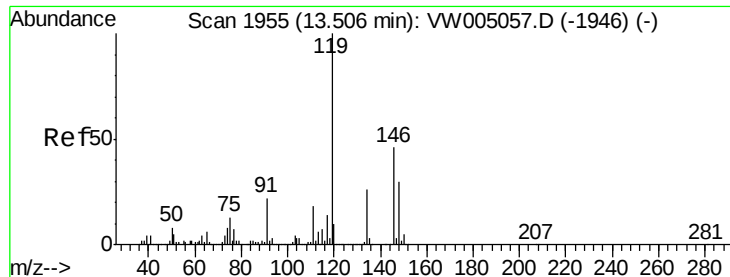


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





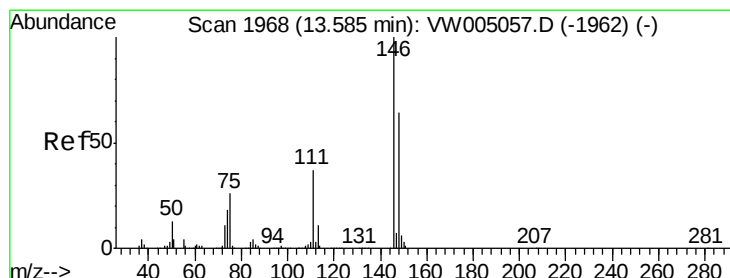
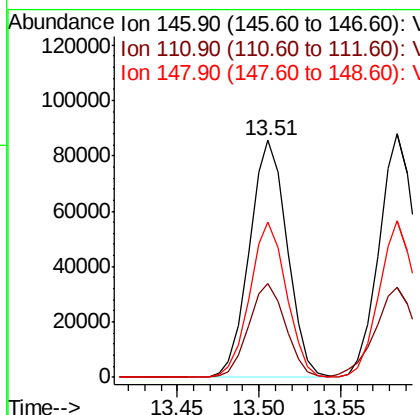
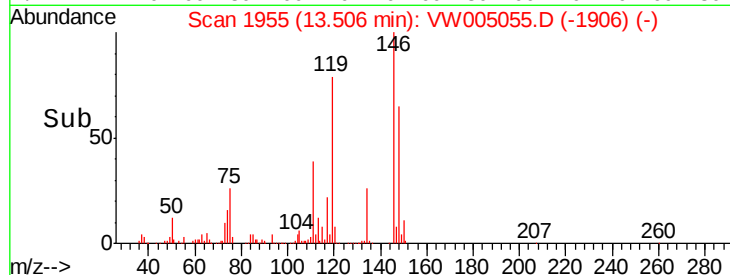
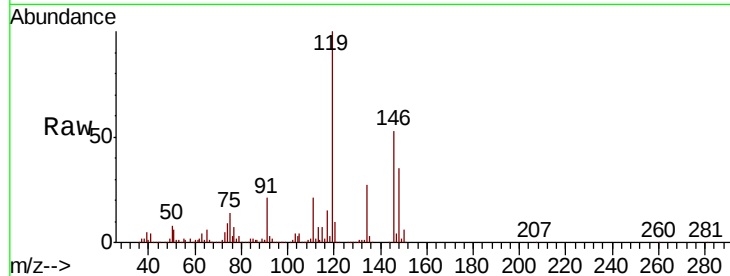
#87
 1,3-Dichlorobenzene
 Concen: 9.83 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	63.9	31.9	95.7

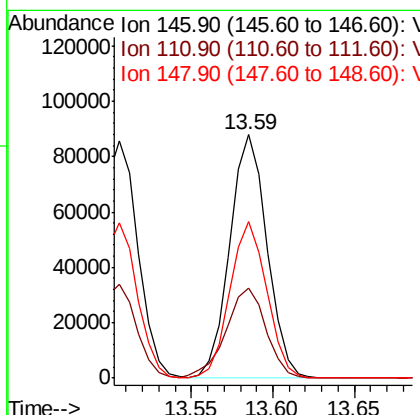
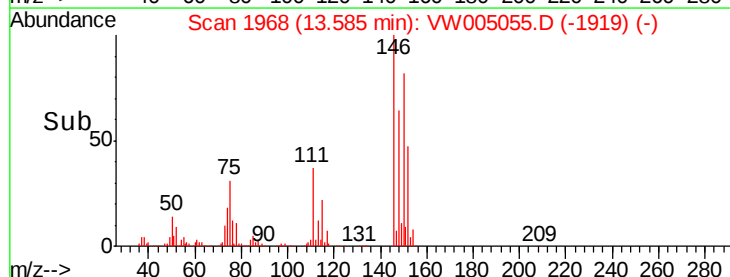
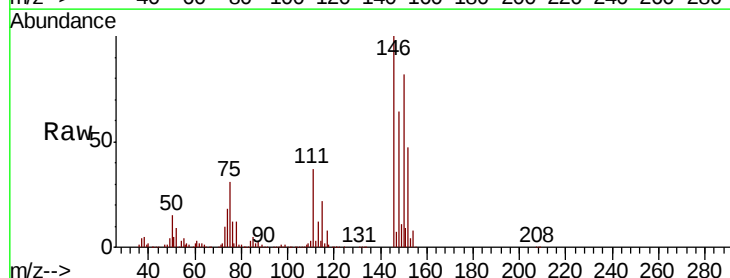
Manual Integrations
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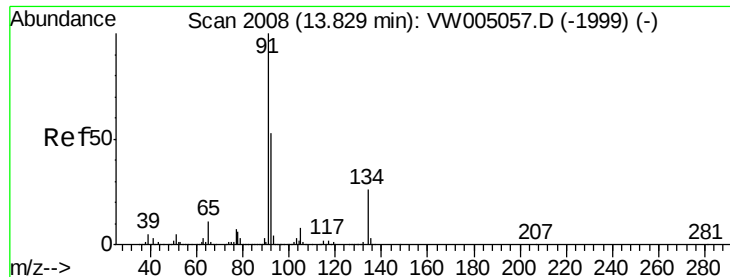
apatel
 9/4/2018 9:36:51 AM



#88
 1,4-Dichlorobenzene
 Concen: 10.06 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.6	56.0
148	63.9	32.0	96.0





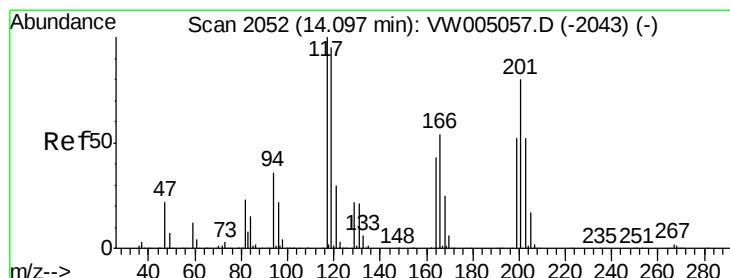
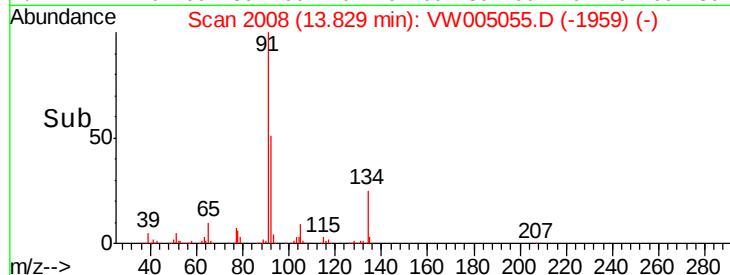
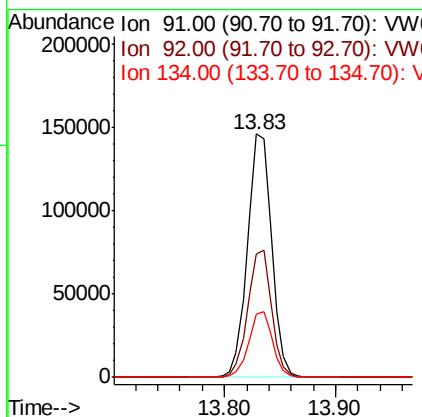
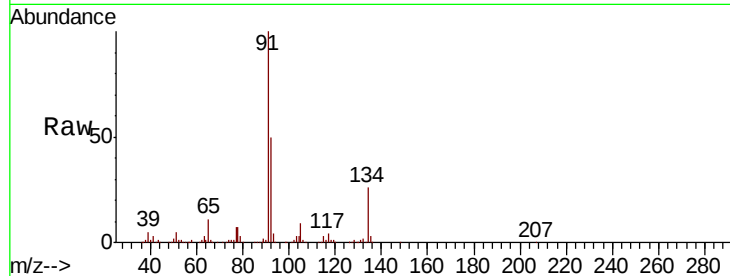
#89
n-Butylbenzene
Concen: 8.96 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	91	Resp:	220740
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.5	79.5
134	26.3	13.5	40.4

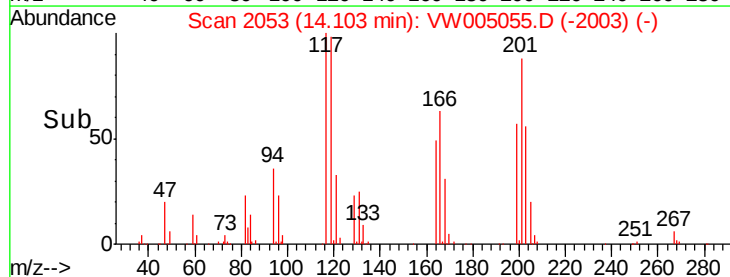
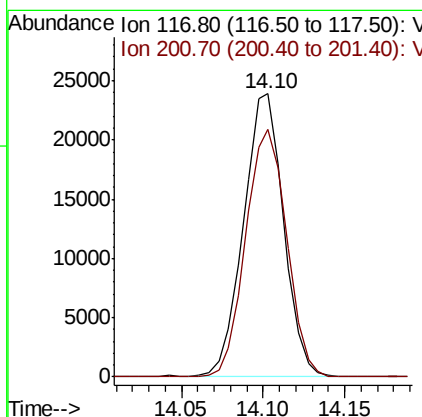
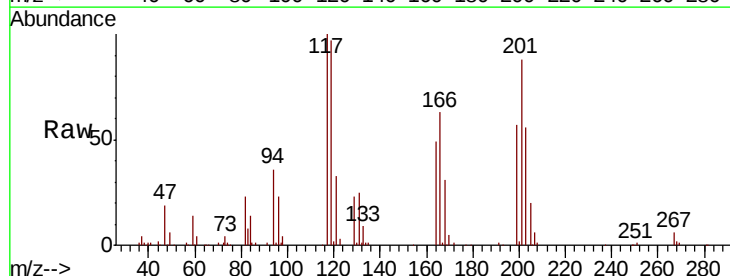
Manual Integrations
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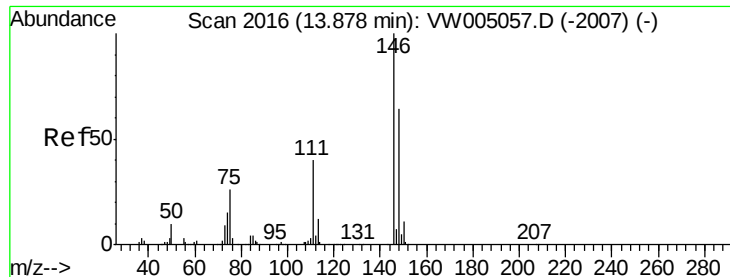
apatel
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#90
Hexachloroethane
Concen: 9.84 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:	117	Resp:	40846
Ion Ratio	Lower	Upper	
117	100		
201	89.1	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 9.95 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

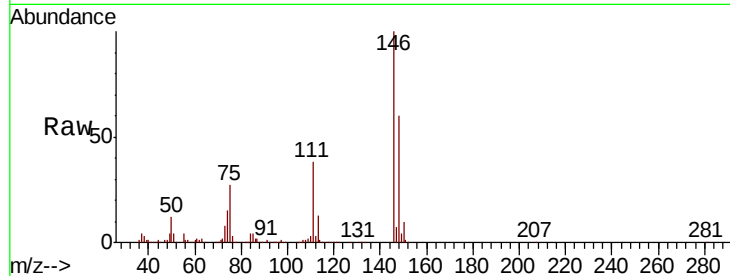
ClientSampleId :

VSTDIC010

Tot Ion:	146	Resp:	122686
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.9	59.7
148	63.2	31.9	95.9

Manual Integrations
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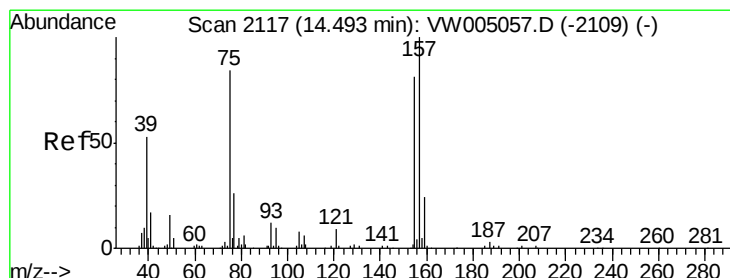
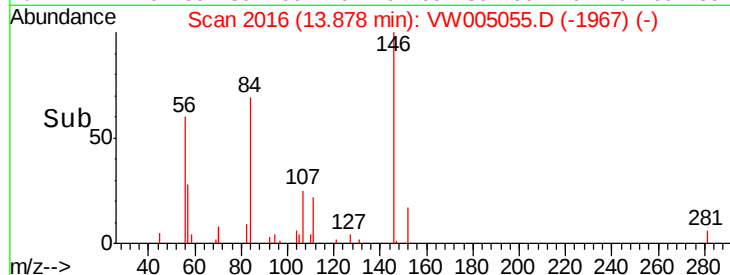
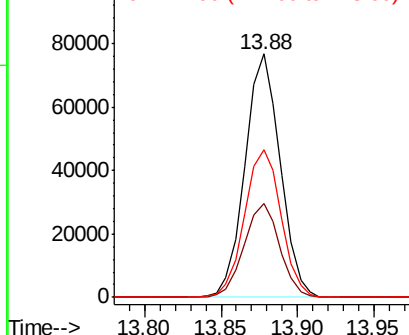


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.63 ug/l

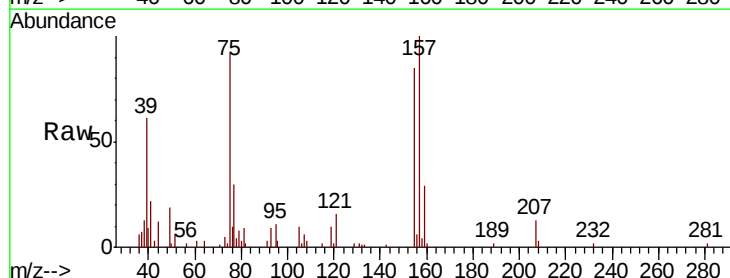
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion:	75	Resp:	6720
Ion Ratio	Lower	Upper	
75	100		
155	88.8	46.0	137.8
157	113.9	58.6	175.7

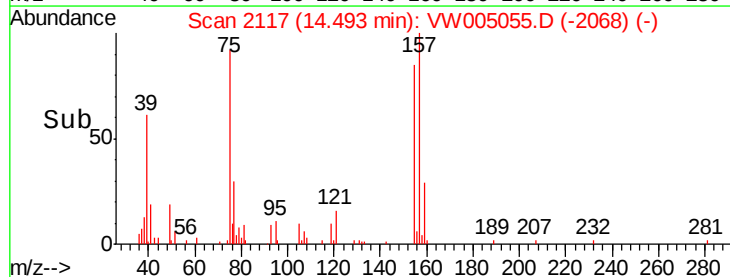
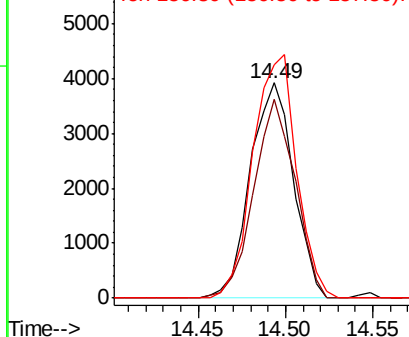


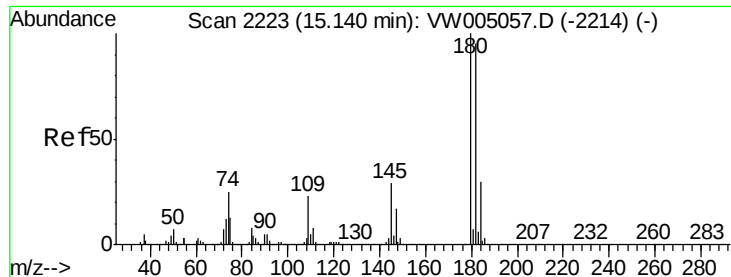
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





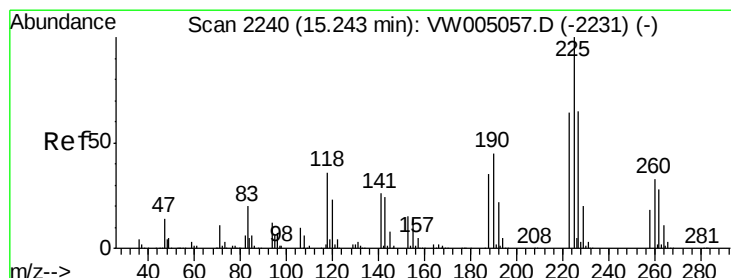
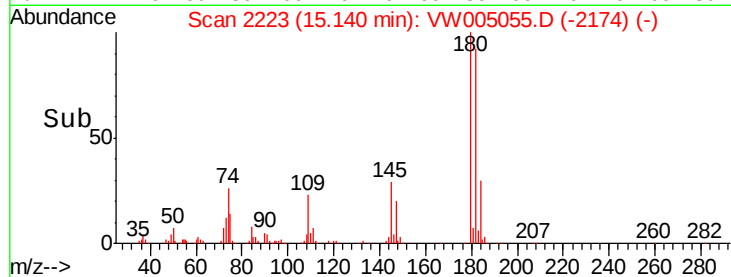
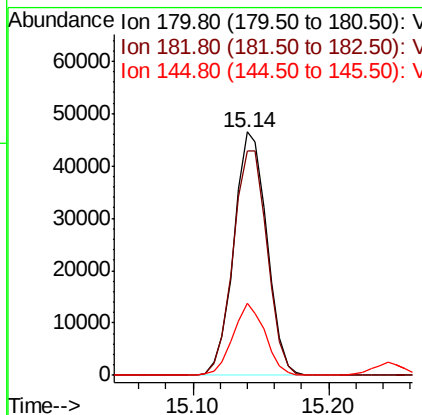
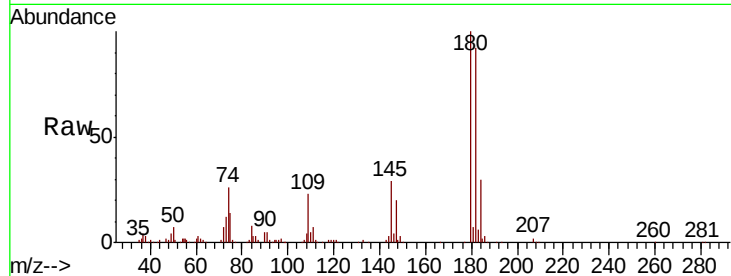
#93
 1,2,4-Trichlorobenzene
 Concen: 9.14 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78481		
182	95.4	47.5	142.6	
145	28.7	14.4	43.2	

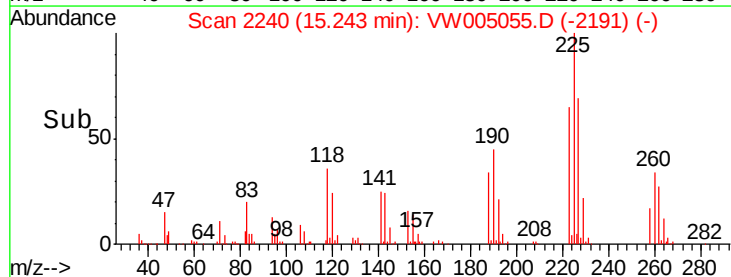
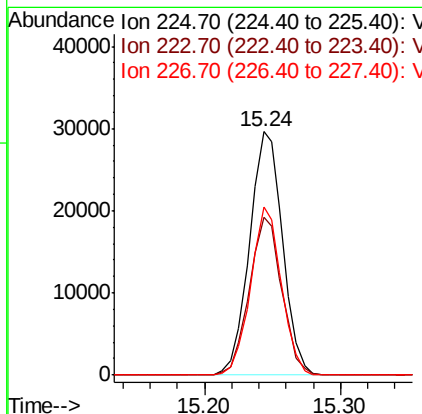
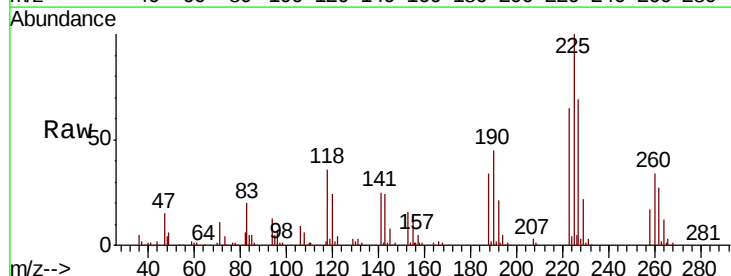
Manual Integrations
 APPROVED

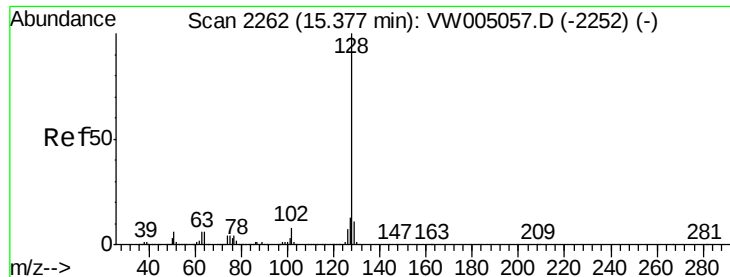
apatel
 9/4/2018 9:36:51 AM



#94
 Hexachlorobutadiene
 Concen: 9.40 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50440		
223	63.9	31.4	94.3	
227	64.6	32.0	96.0	





#95

Naphthalene

Concen: 8.16 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

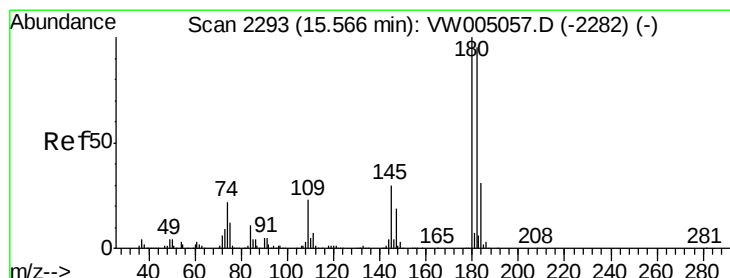
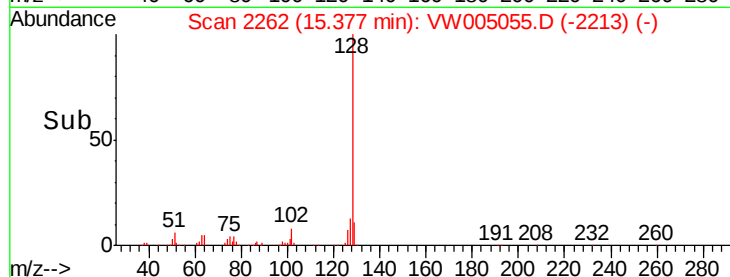
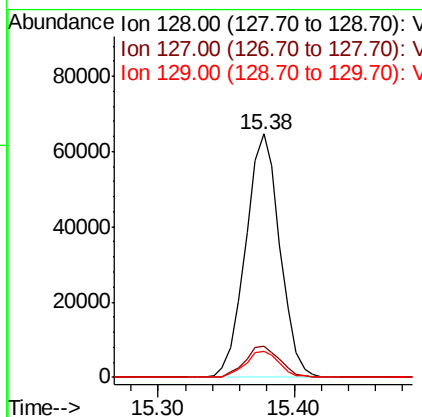
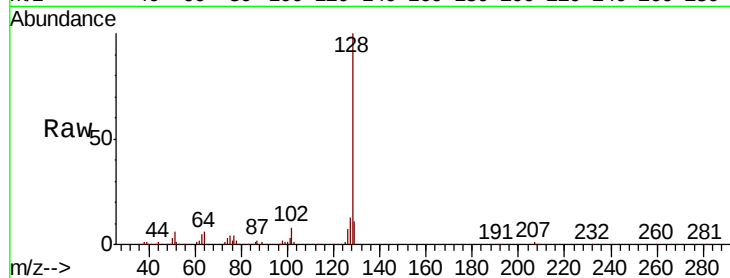
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	114112
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
9/4/2018 9:36:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 8.89 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion:	180	Resp:	67140
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.4	142.3
145	30.7	15.4	46.1

