

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005000.D
 Acq On : 29 Aug 2018 13:27
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:35 PM

Quant Time: Aug 30 01:37:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	520682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	733785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	724506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	408647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	168818	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	7.89	113	174694	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.33	98	984272	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	349601	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	205839	45.760	ug/l	100
3) Chloromethane	2.22	50	296790	46.458	ug/l	100
4) Vinyl Chloride	2.36	62	298653	46.834	ug/l	100
5) Bromomethane	2.78	94	189290	45.412	ug/l	100
6) Chloroethane	2.92	64	177211	46.996	ug/l	100
7) Trichlorofluoromethane	3.26	101	323919	49.128	ug/l	100
8) Diethyl Ether	3.69	74	89376	47.674	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	198805	48.852	ug/l	100
10) Methyl Iodide	4.28	142	309901	55.678	ug/l	100
11) Tert butyl alcohol	5.21	59	54564	256.655	ug/l	100
12) 1,1-Dichloroethene	4.04	96	188454	49.566	ug/l	100
13) Acrolein	3.90	56	74314	244.690	ug/l	100
14) Allyl chloride	4.68	41	291891	49.857	ug/l	100
15) Acrylonitrile	5.39	53	234128	244.891	ug/l	100
16) Acetone	4.15	43	186880	232.669	ug/l	100
17) Carbon Disulfide	4.39	76	784550	49.091	ug/l	100
18) Methyl Acetate	4.69	43	92188	47.385	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	418468	51.217	ug/l	100
20) Methylene Chloride	4.92	84	285021	42.113	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	203453	49.282	ug/l	100
22) Diisopropyl ether	6.32	45	639884	53.540	ug/l	100
23) Vinyl Acetate	6.26	43	1615373	264.364	ug/l	100
24) 1,1-Dichloroethane	6.22	63	357501	49.439	ug/l	100
25) 2-Butanone	7.18	43	306371	244.603	ug/l	100
26) 2,2-Dichloropropane	7.18	77	307753	48.488	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	218195	48.585	ug/l	100
28) Bromochloromethane	7.52	49	161766	50.875	ug/l	100
29) Tetrahydrofuran	7.54	42	154818	244.683	ug/l	100
30) Chloroform	7.68	83	344833	48.482	ug/l	100
31) Cyclohexane	7.96	56	397648	51.885	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	331605	50.670	ug/l	100
36) 1,1-Dichloropropene	8.09	75	332229	53.435	ug/l	100
37) Ethyl Acetate	7.26	43	110512	49.313	ug/l	100
38) Carbon Tetrachloride	8.07	117	301110	50.043	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	447072	52.162	ug/l	100
40) Benzene	8.33	78	1041408	52.328	ug/l	100
41) Methacrylonitrile	7.49	41	62972	48.218	ug/l	100
42) 1,2-Dichloroethane	8.41	62	213194	48.142	ug/l	100
43) Isopropyl Acetate	8.43	43	224169	50.271	ug/l	100
44) Trichloroethene	9.10	130	264301	51.994	ug/l	100
45) 1,2-Dichloropropane	9.37	63	238895	52.465	ug/l	100
46) Dibromomethane	9.46	93	103442	47.998	ug/l	100
47) Bromodichloromethane	9.65	83	263578	49.497	ug/l	100
48) Methyl methacrylate	9.44	41	127910	54.024	ug/l	100
49) 1,4-Dioxane	9.48	88	45582	1019.214	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	849949	254.491	ug/l	100
52) Toluene	10.40	92	738430	50.012	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	297546	52.319	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	351188	52.955	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	174350	49.426	ug/l	100
56) Ethyl methacrylate	10.65	69	240013	51.873	ug/l	100
57) 1,3-Dichloropropane	10.94	76	297592	51.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	533670	267.722	ug/l	100
59) 2-Hexanone	10.98	43	615511	254.540	ug/l	100
60) Dibromochloromethane	11.13	129	200822	51.873	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168425	50.929	ug/l	100
64) Tetrachloroethene	10.87	164	275351	52.127	ug/l	100
65) Chlorobenzene	11.66	112	803171	50.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	231478	52.946	ug/l	100
67) Ethyl Benzene	11.74	91	1423591	52.231	ug/l	100
68) m/p-Xylenes	11.85	106	1165701	104.859	ug/l	100
69) o-Xylene	12.17	106	537490	52.913	ug/l	100
70) Styrene	12.19	104	901502	53.500	ug/l	100
71) Bromoform	12.35	173	126622	52.088	ug/l #	100
73) Isopropylbenzene	12.47	105	1444753	53.036	ug/l	100
74) N-amyl acetate	12.28	43	266848	51.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	212040	51.409	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	144474m	28.323	ug/l	
77) Bromobenzene	12.76	156	341670	51.119	ug/l	100
78) n-propylbenzene	12.81	91	1780552	52.990	ug/l	100
79) 2-Chlorotoluene	12.90	91	1006963	51.886	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1276219	53.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	67864	52.993	ug/l	100
82) 4-Chlorotoluene	12.99	91	1059304	51.230	ug/l	100
83) tert-Butylbenzene	13.21	119	1070371	52.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1293867	52.983	ug/l	100
85) sec-Butylbenzene	13.39	105	1571561	52.961	ug/l	100
86) p-Isopropyltoluene	13.51	119	1421245	53.460	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	718455	50.705	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	707440	50.405	ug/l	100
89) n-Butylbenzene	13.84	91	1331027	53.333	ug/l	100
90) Hexachloroethane	14.10	117	216889	51.900	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	631764	50.651	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35025	49.168	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:20:44 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	452446	51.778	ug/l	100
94) Hexachlorobutadiene	15.25	225	280835	51.343	ug/l	100
95) Naphthalene	15.38	128	757984	52.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	396040	51.304	ug/l	100

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

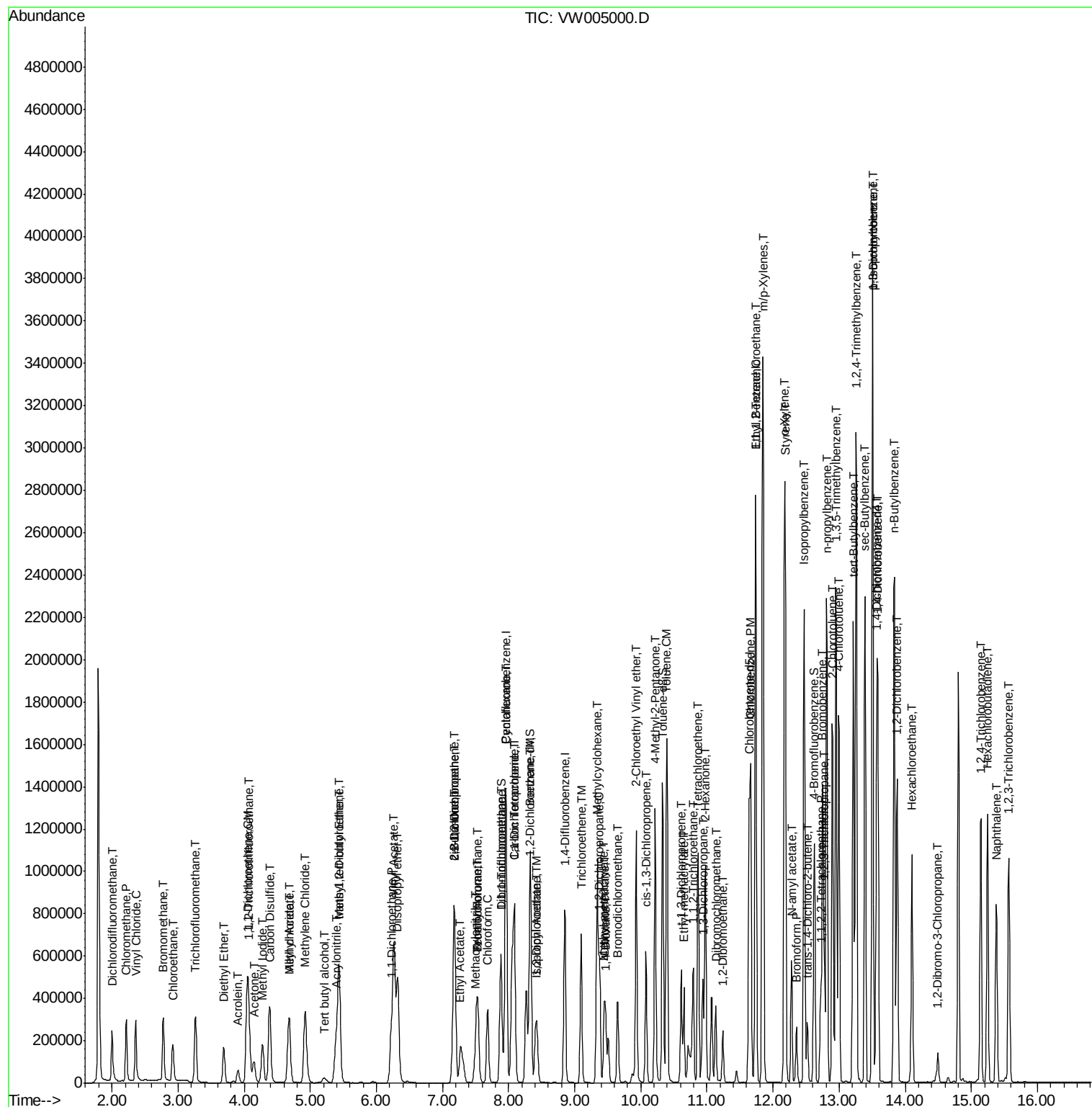
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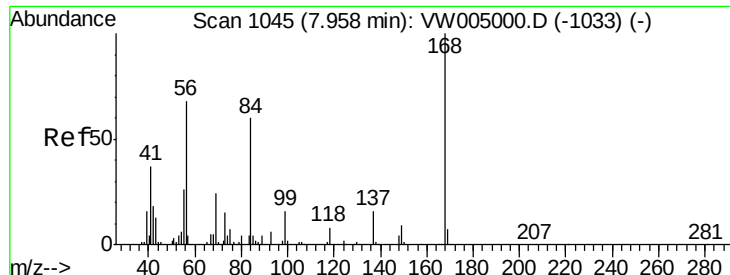
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 520682

Ion Ratio Lower Upper

168 100

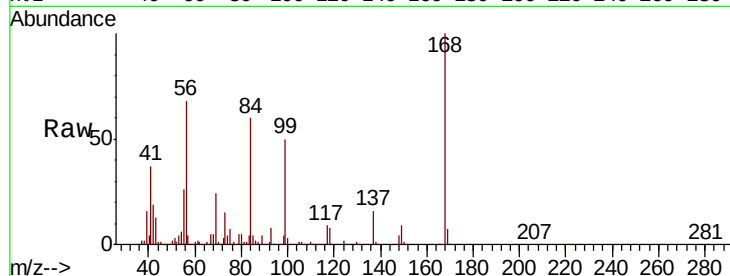
99 50.2 40.2 60.2

Manual Integrations

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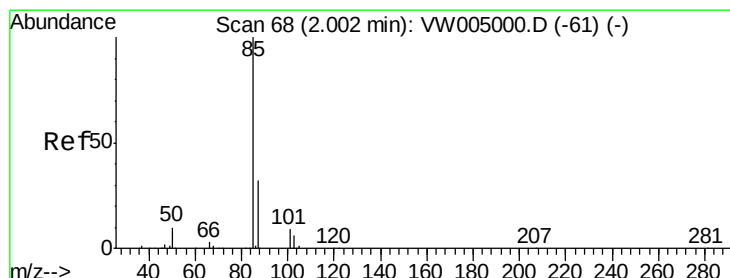
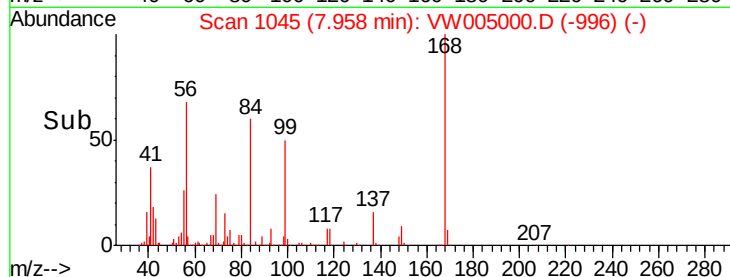
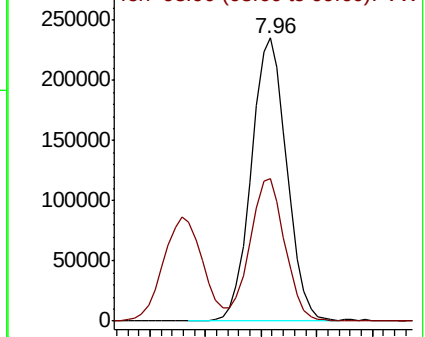
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.760 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005000.D

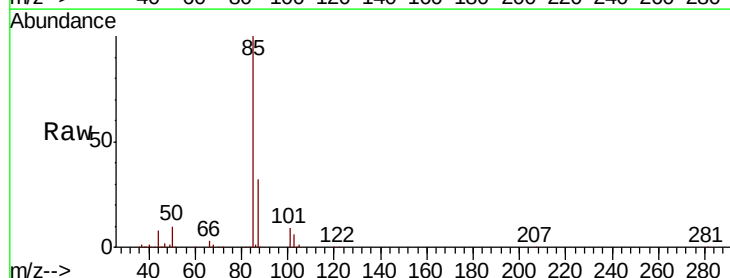
Acq: 29 Aug 2018 13:27

Tgt Ion: 85 Resp: 205839

Ion Ratio Lower Upper

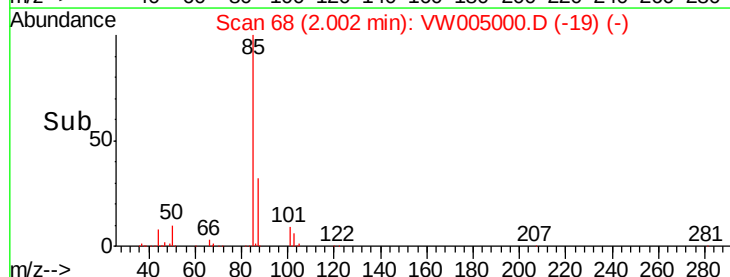
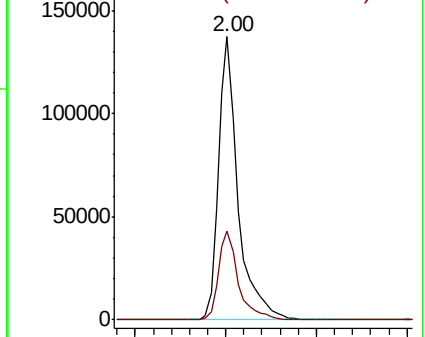
85 100

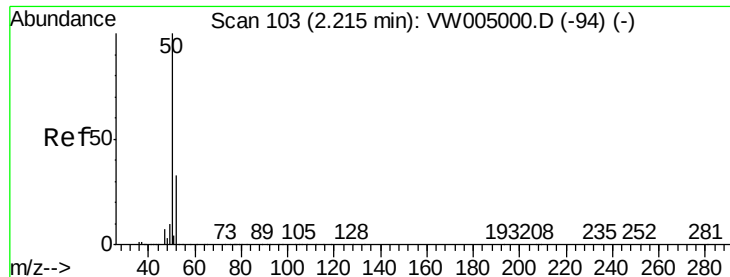
87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.458 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 296790

Ion Ratio Lower Upper

50 100

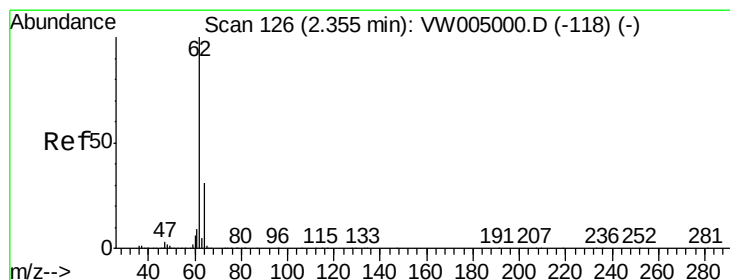
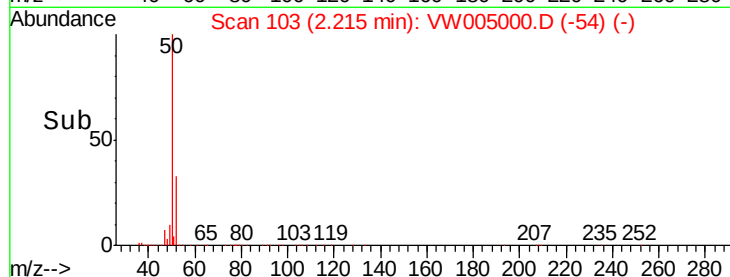
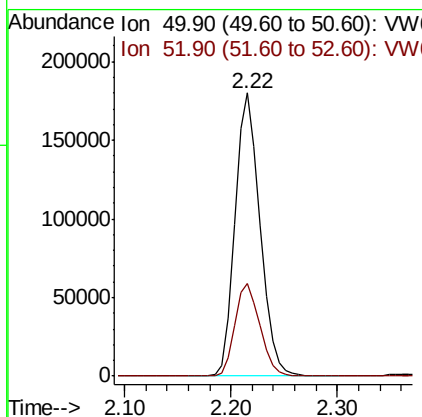
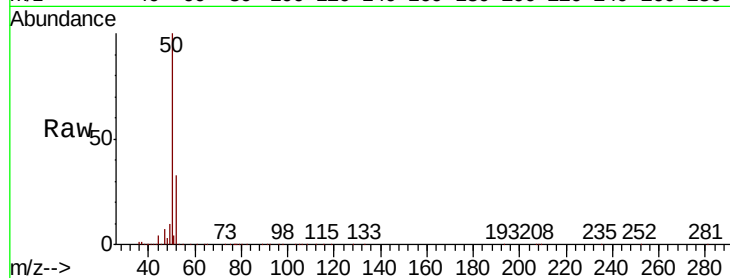
52 32.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.834 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW005000.D

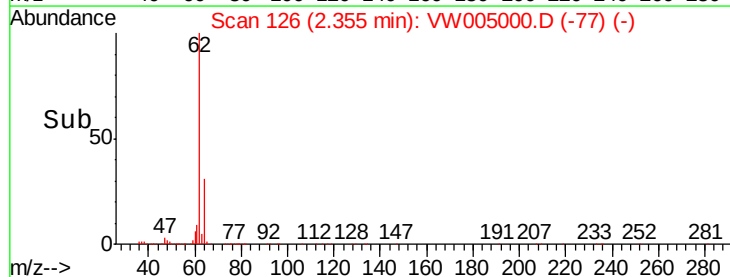
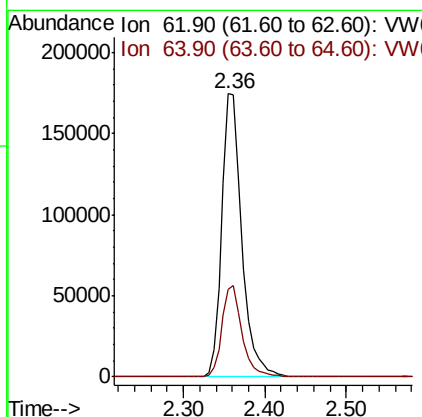
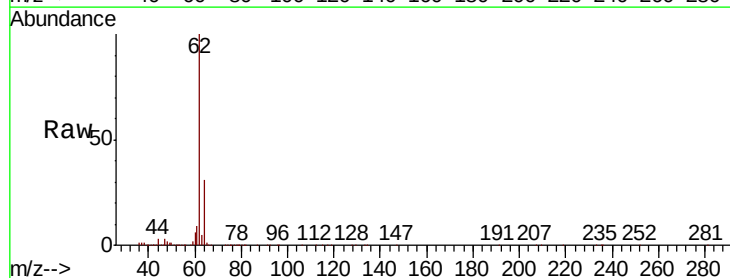
Acq: 29 Aug 2018 13:27

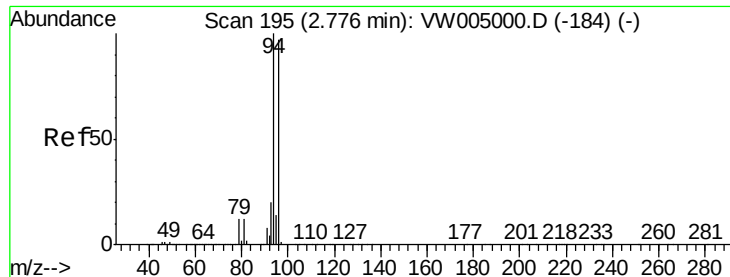
Tgt Ion: 62 Resp: 298653

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 45.412 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 189290

Ion Ratio Lower Upper

94 100

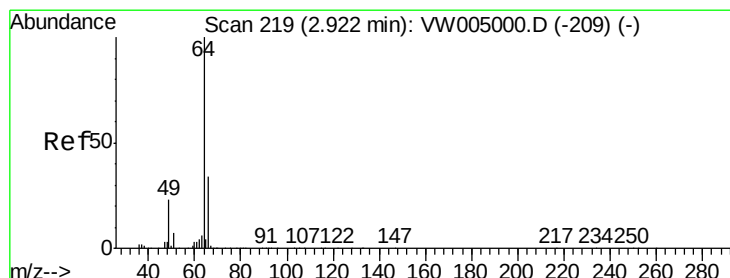
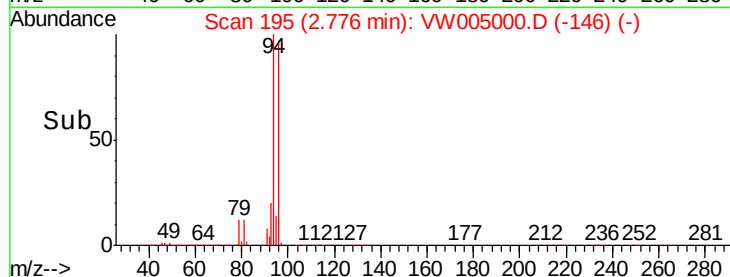
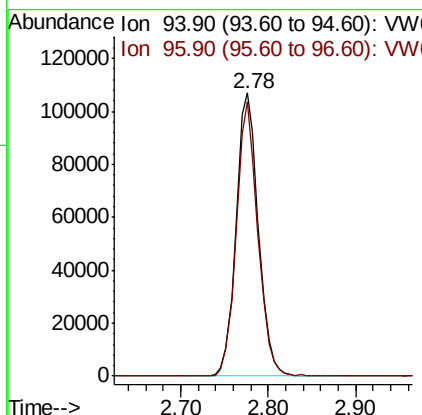
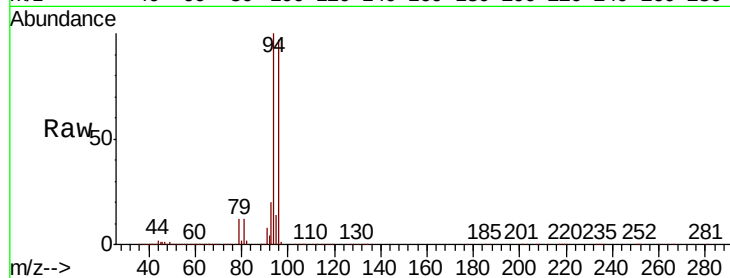
96 96.9 77.5 116.3

Manual Integrations

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#6

Chloroethane

Concen: 46.996 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW005000.D

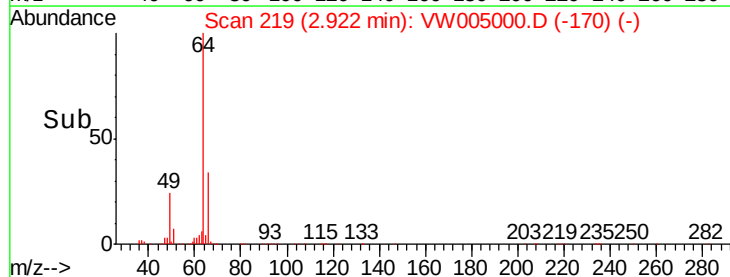
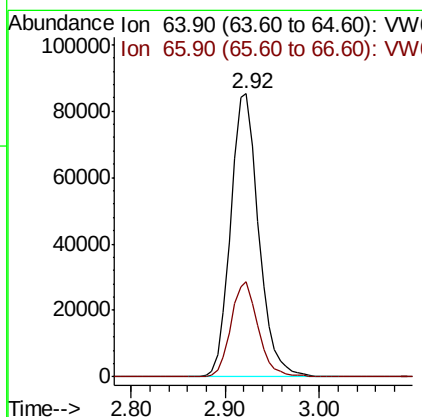
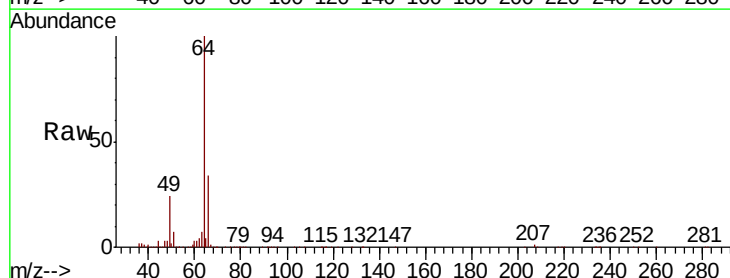
Acq: 29 Aug 2018 13:27

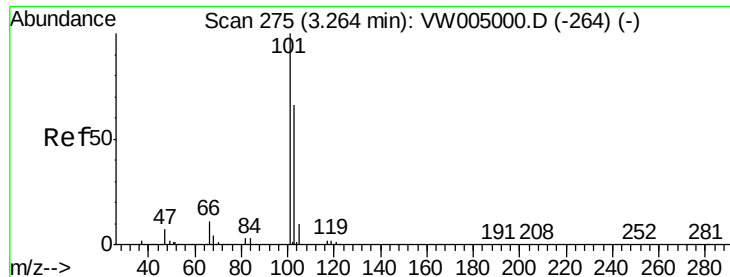
Tgt Ion: 64 Resp: 177211

Ion Ratio Lower Upper

64 100

66 33.5 26.8 40.2





#7

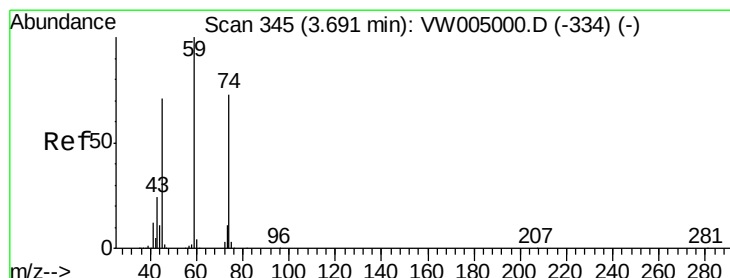
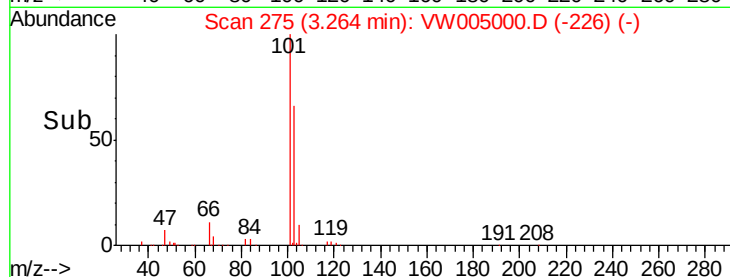
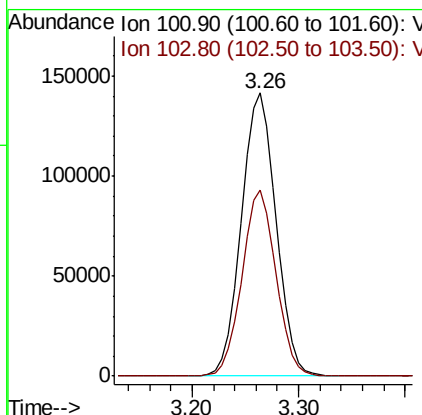
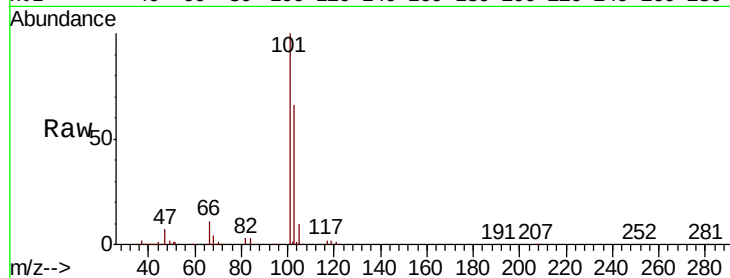
Trichlorofluoromethane
Concen: 49.128 ug/l
RT: 3.26 min Scan# 275
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
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VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.6	78.8

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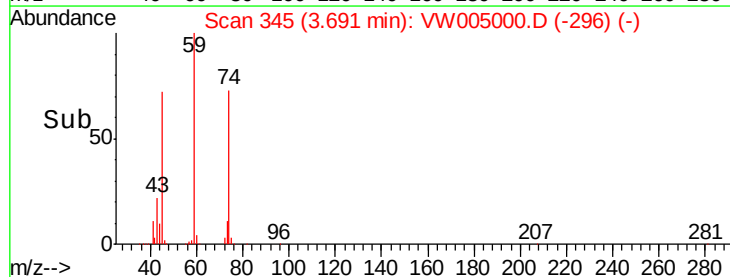
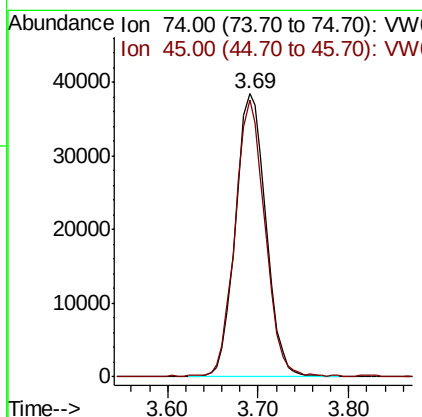
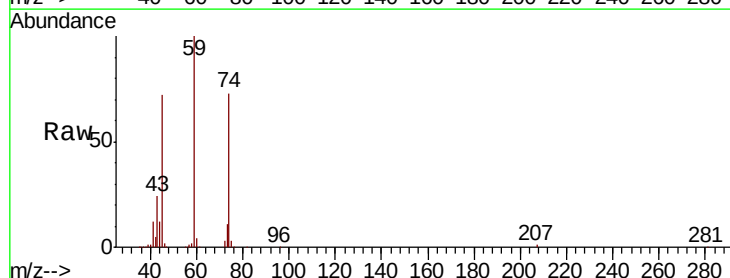
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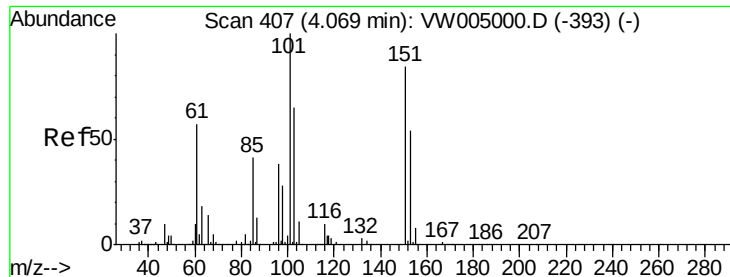


#8

Diethyl Ether
Concen: 47.674 ug/l
RT: 3.69 min Scan# 345
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	47.8	143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.852 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

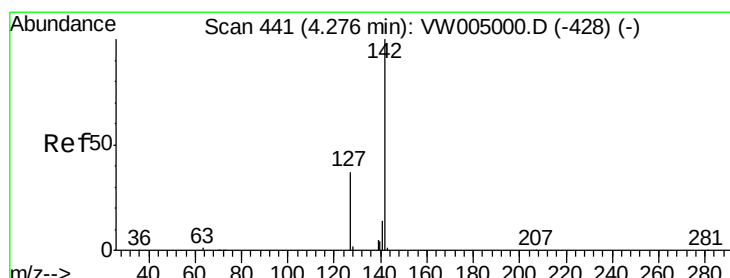
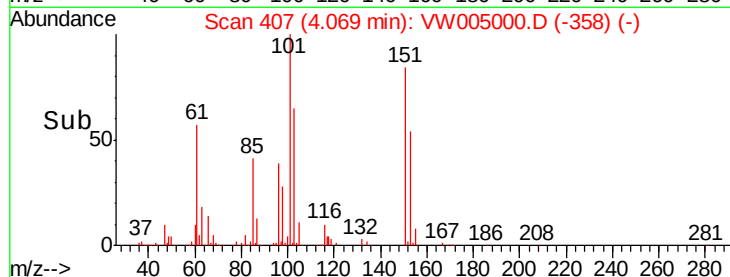
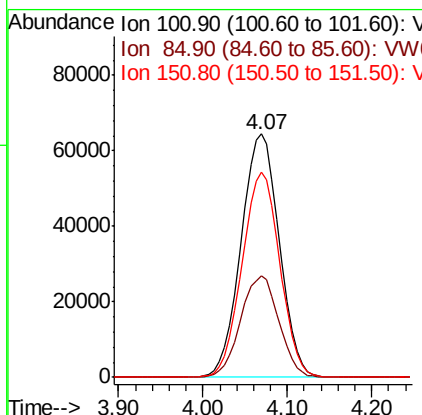
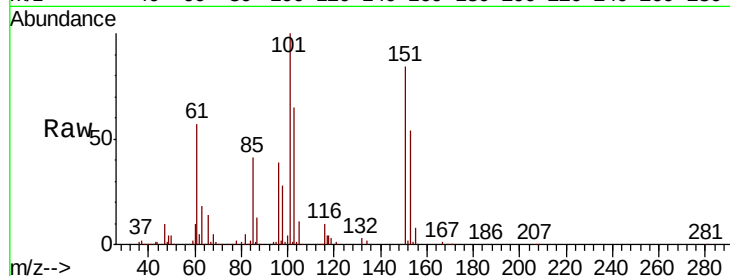
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	198805
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.4	50.0
151	83.7	67.0	100.4

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#10

Methyl Iodide

Concen: 55.678 ug/l

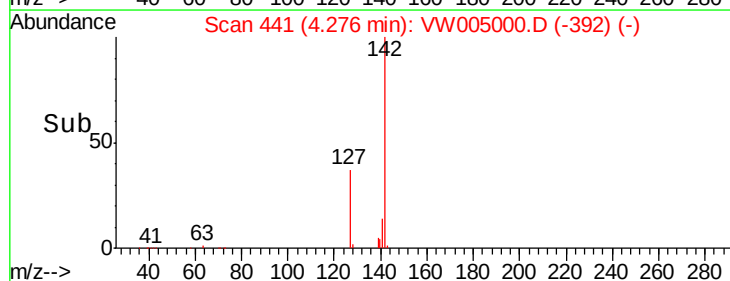
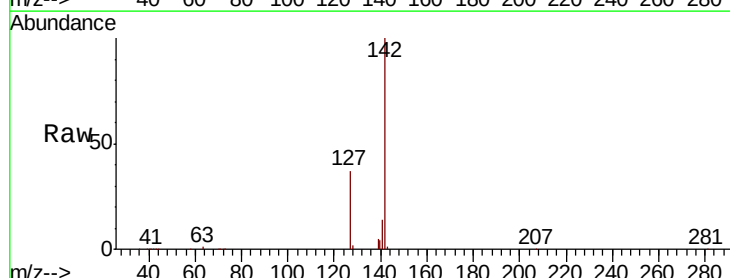
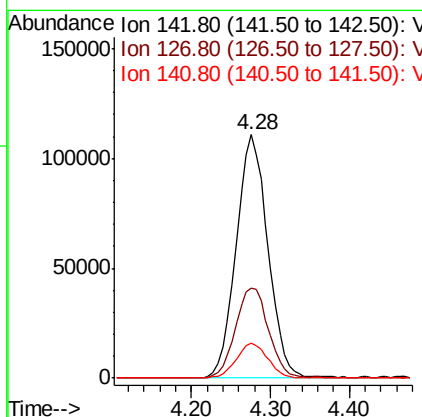
RT: 4.28 min Scan# 441

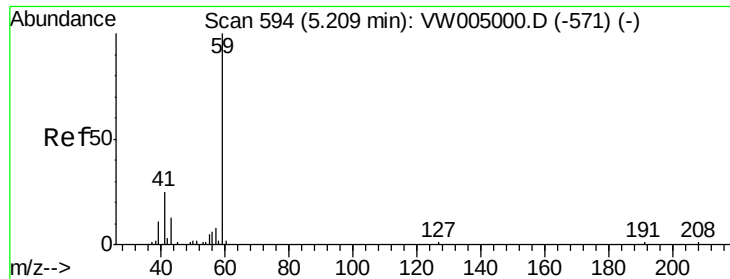
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	142	Resp:	309901
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.1	46.7
141	14.3	11.4	17.2





#11

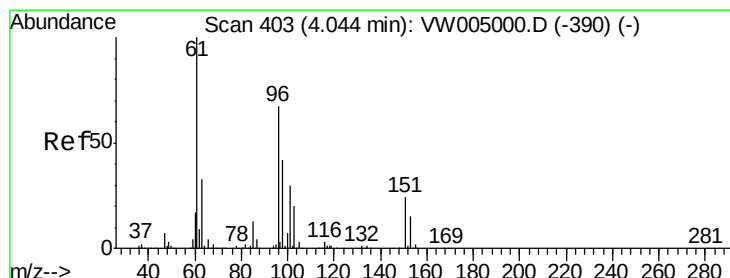
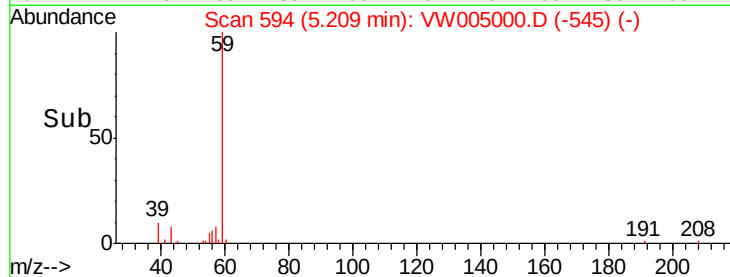
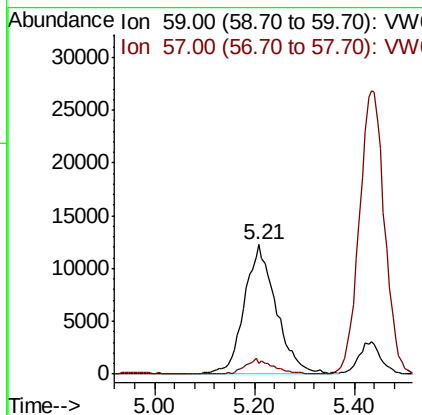
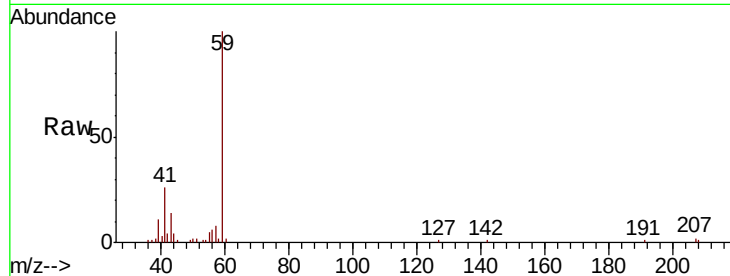
Tert butyl alcohol
Concen: 256.655 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

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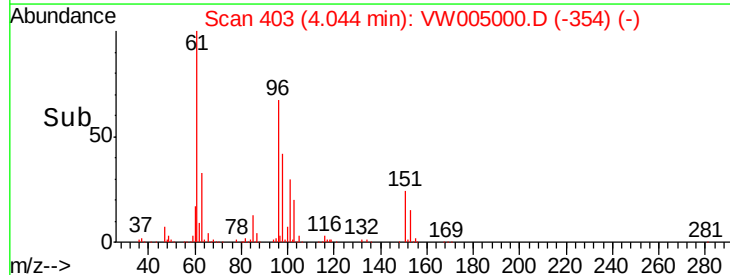
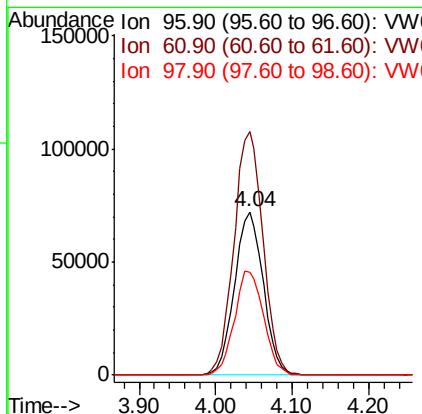
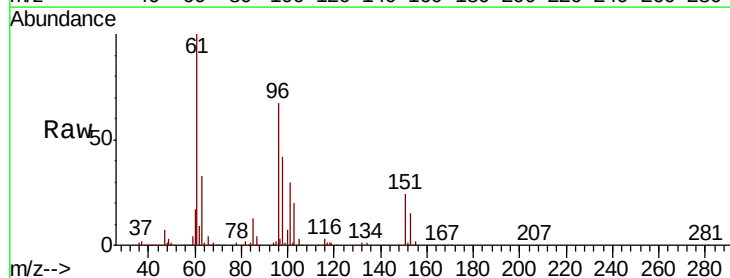
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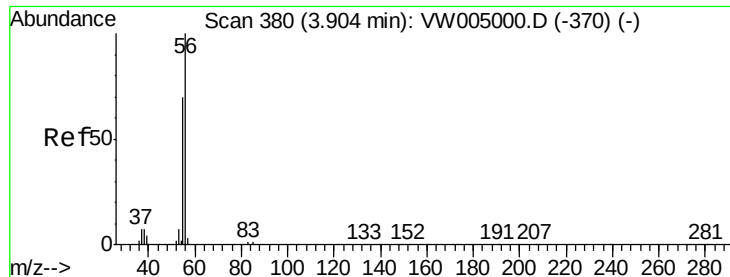


#12

1,1-Dichloroethene
Concen: 49.566 ug/l
RT: 4.04 min Scan# 403
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.4	119.5	179.3
98	63.0	50.4	75.6





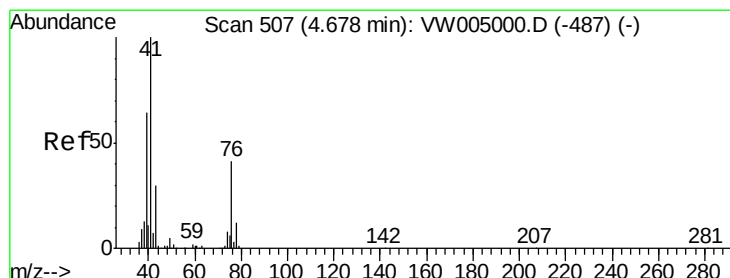
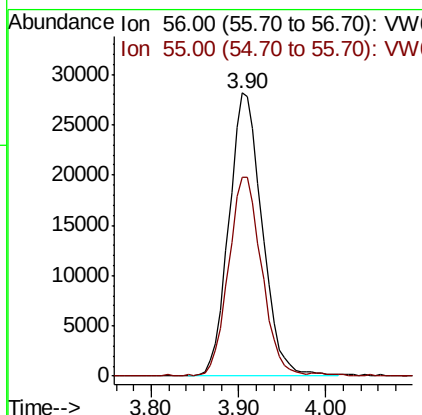
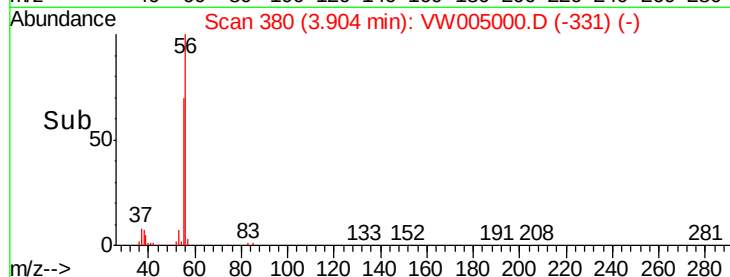
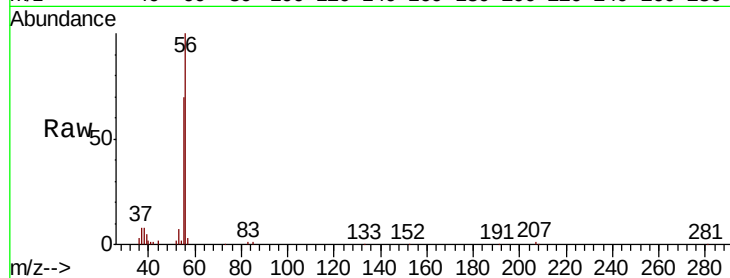
#13
Acrolein
Concen: 244.690 ug/l
RT: 3.90 min Scan# 380
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	74314
Ion Ratio	100	Lower	Upper
55	70.5	56.4	84.6

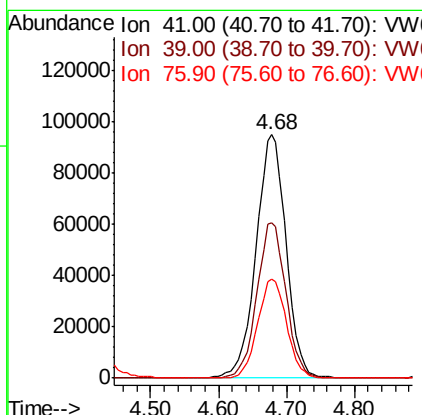
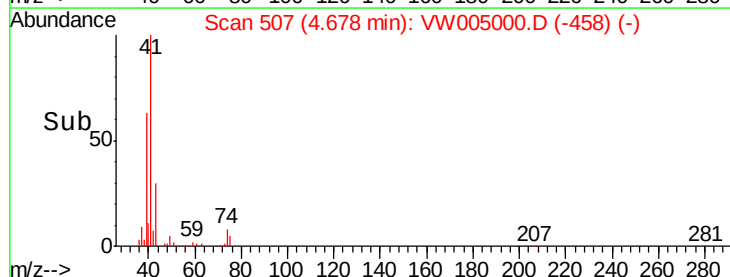
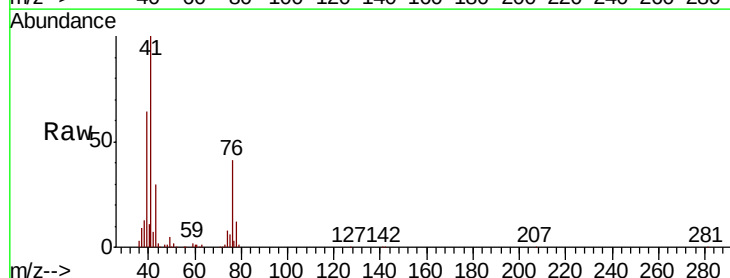
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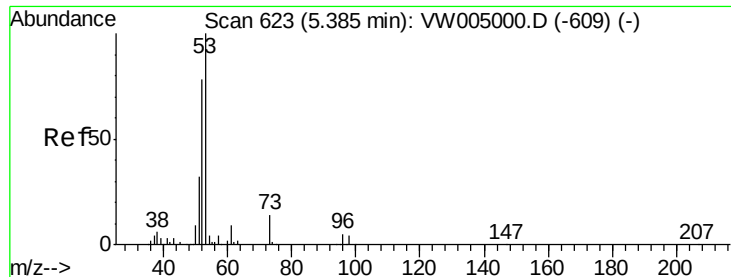
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#14
Allyl chloride
Concen: 49.857 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	41	Resp	291891
Ion Ratio	100	Lower	Upper
39	61.8	49.4	74.2
76	39.3	31.4	47.2





#15

Acrylonitrile

Concen: 244.891 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

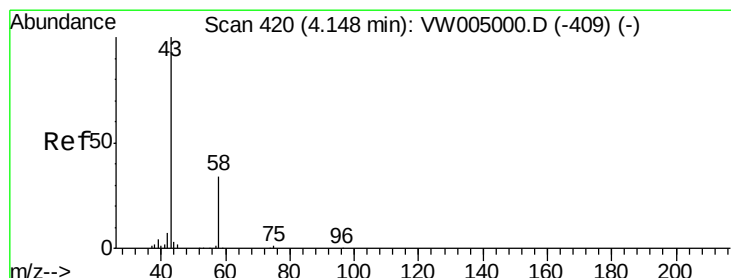
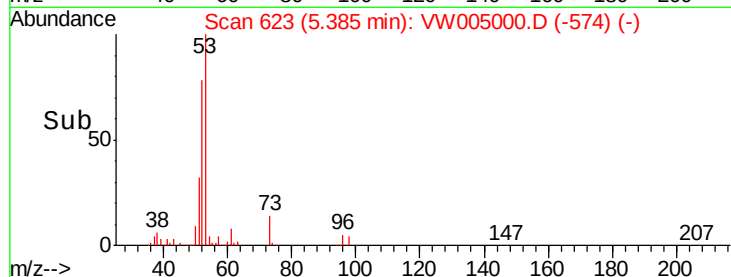
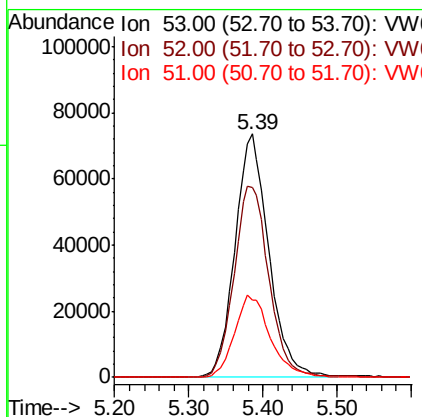
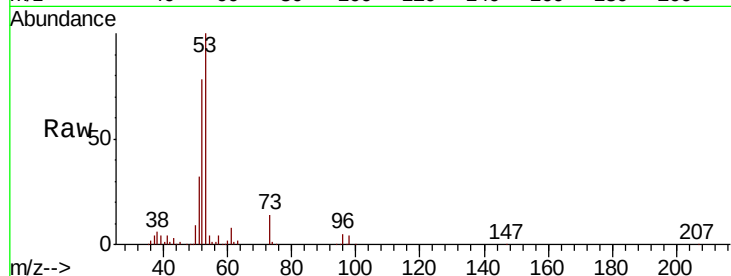
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	234128
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.0	97.6
51	35.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 232.669 ug/l

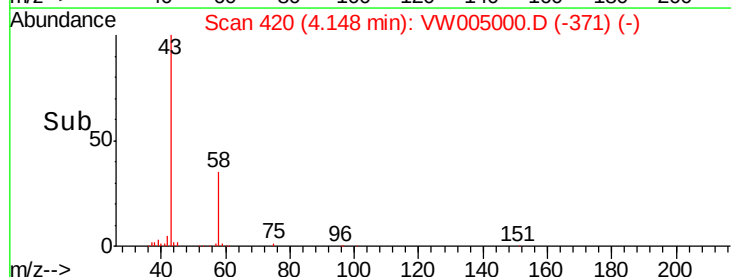
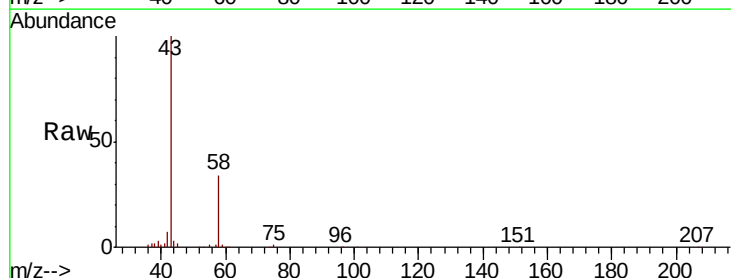
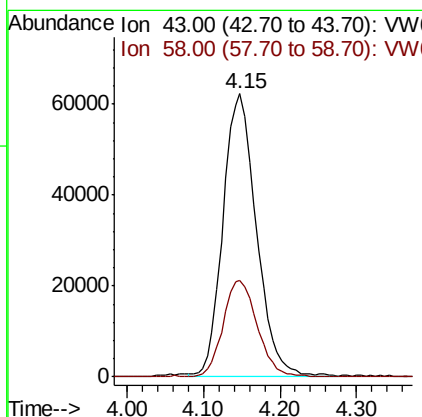
RT: 4.15 min Scan# 420

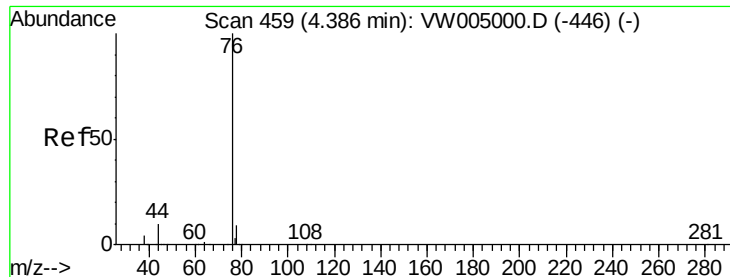
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	43	Resp:	186880
Ion Ratio	Lower	Upper	
43	100		
58	34.0	27.2	40.8





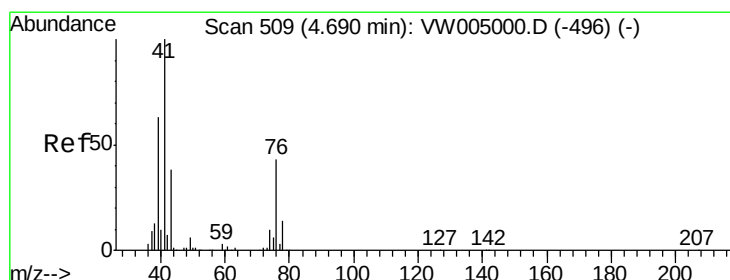
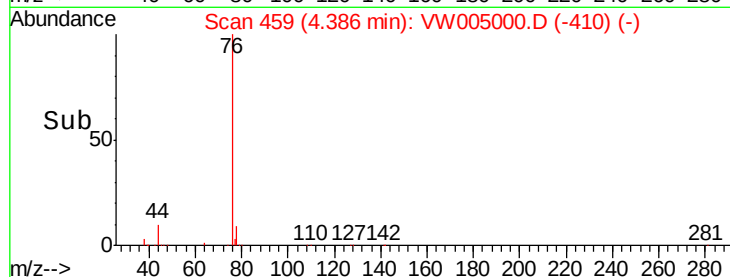
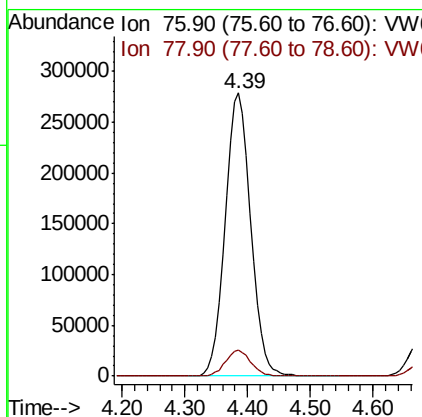
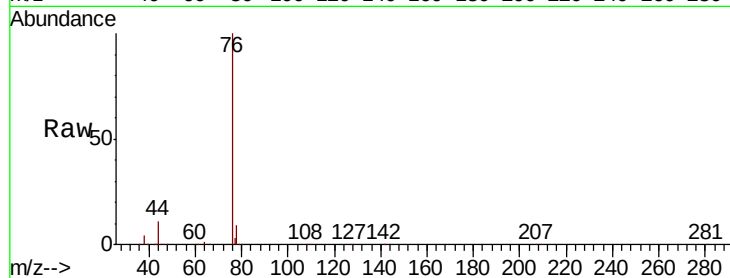
#17
Carbon Disulfide
Concen: 49.091 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

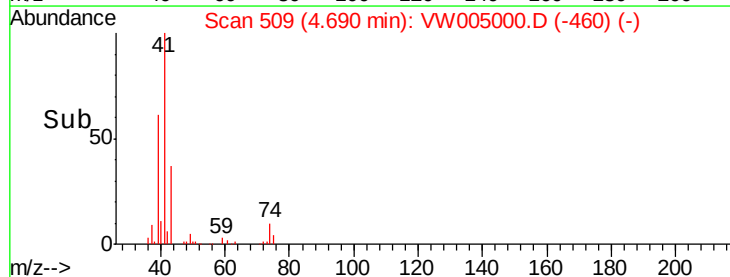
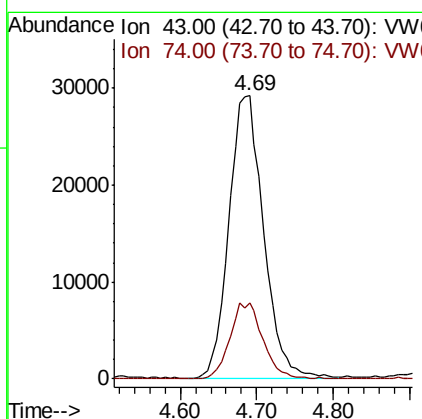
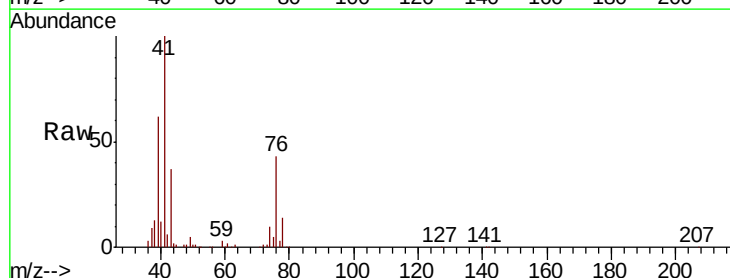
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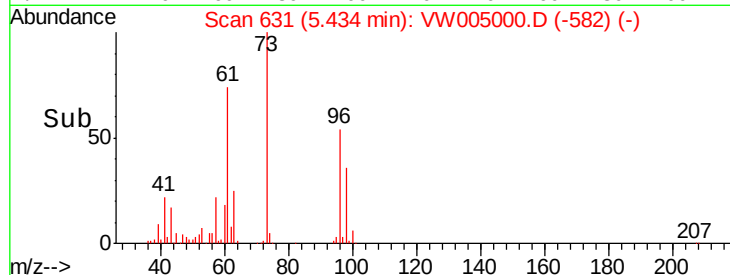
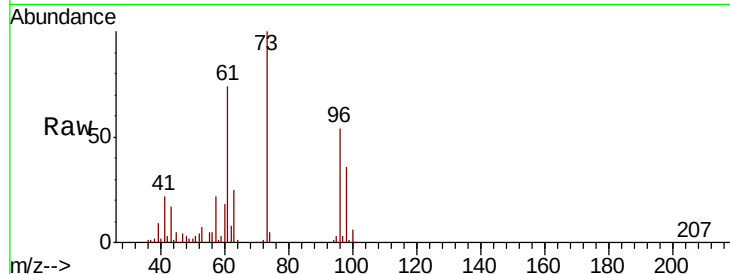
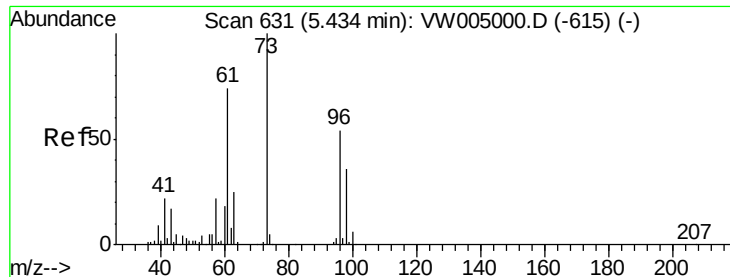
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#18
Methyl Acetate
Concen: 47.385 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.3	30.5





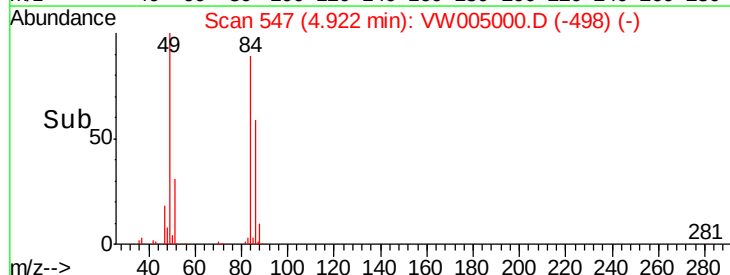
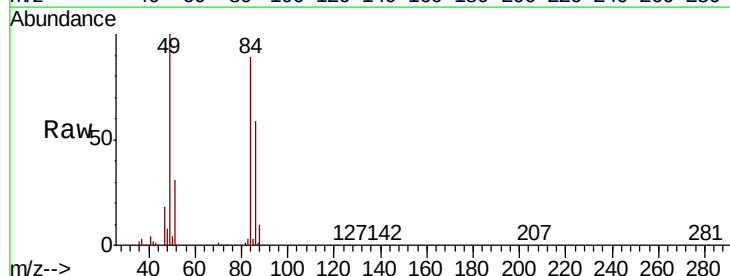
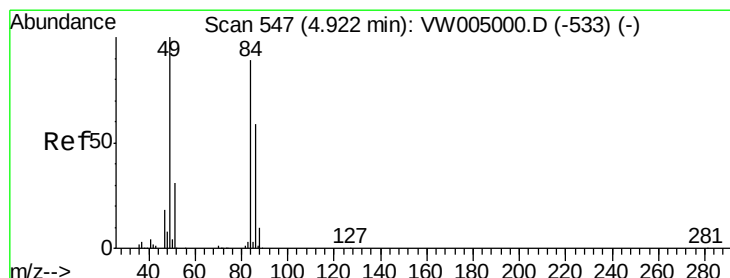
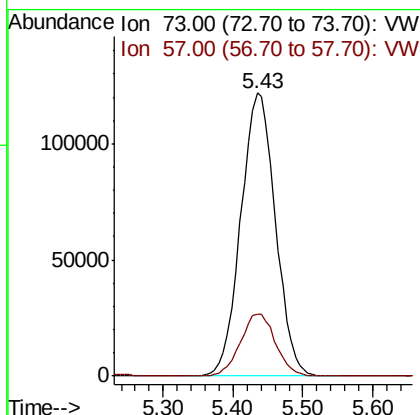
#19
Methyl tert-butyl Ether
Concen: 51.217 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

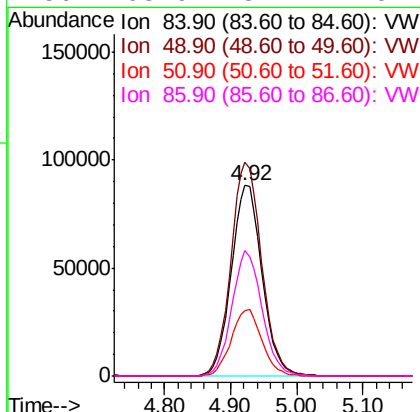
Manual Integrations
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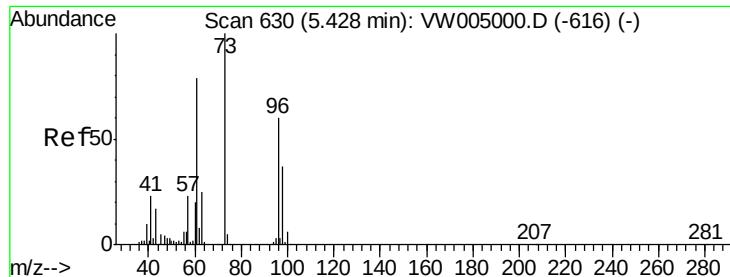
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#20
Methylene Chloride
Concen: 42.113 ug/l
RT: 4.92 min Scan# 547
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	89.7	134.5
51	34.4	27.5	41.3
86	65.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 49.282 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

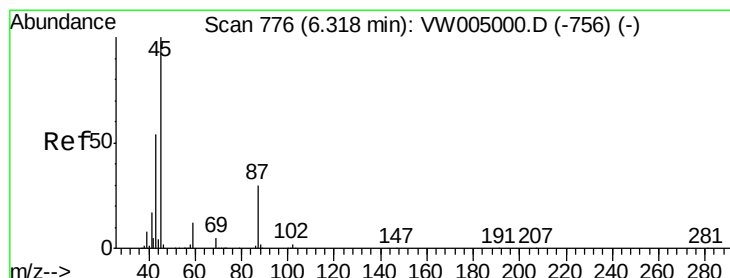
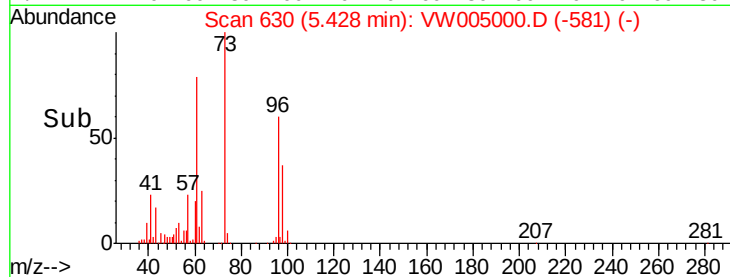
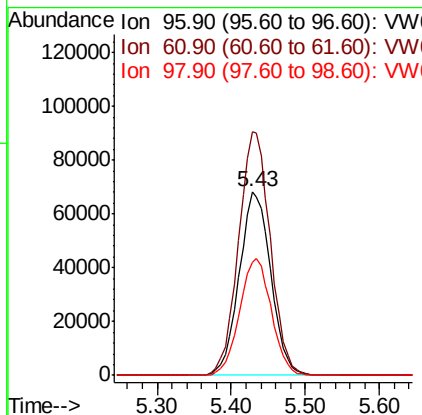
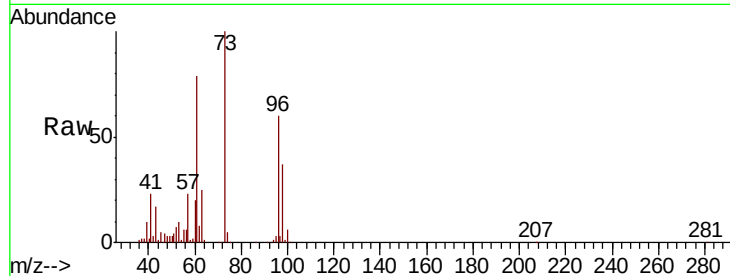
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	203453
Ion	Ratio	Lower	Upper
96	100		
61	132.7	106.2	159.2
98	61.9	49.5	74.3

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#22

Diisopropyl ether

Concen: 53.540 ug/l

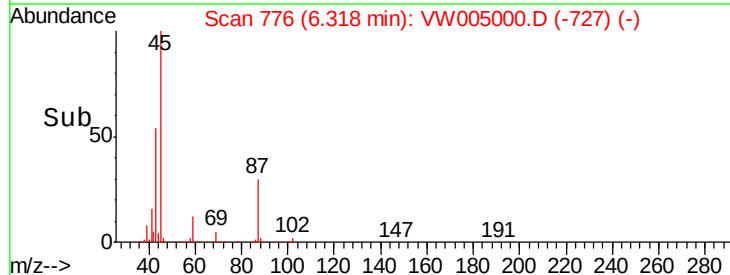
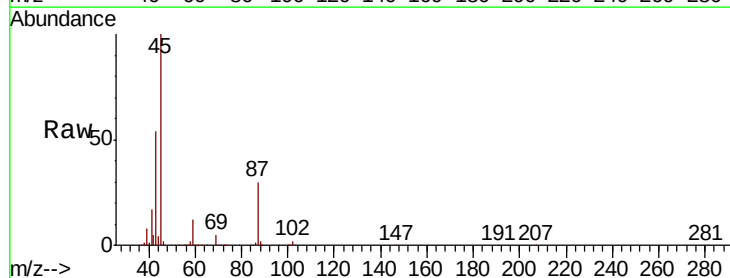
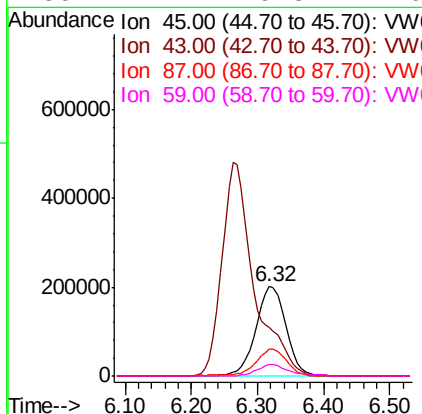
RT: 6.32 min Scan# 776

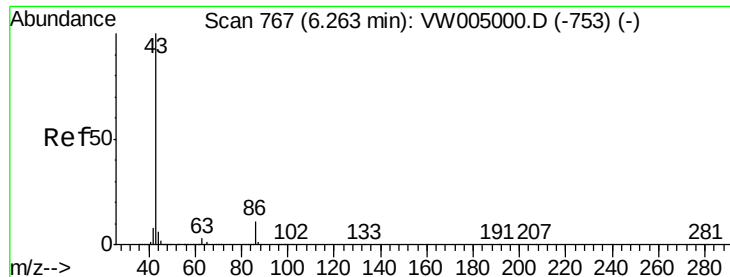
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	45	Resp:	639884
Ion	Ratio	Lower	Upper
45	100		
43	54.4	43.5	65.3
87	29.8	23.8	35.8
59	12.2	9.8	14.6





#23

Vinyl Acetate

Concen: 264.364 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tot Ion: 43 Resp: 1615373

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.6

Instrument :

MSVOA_W

ClientSampled :

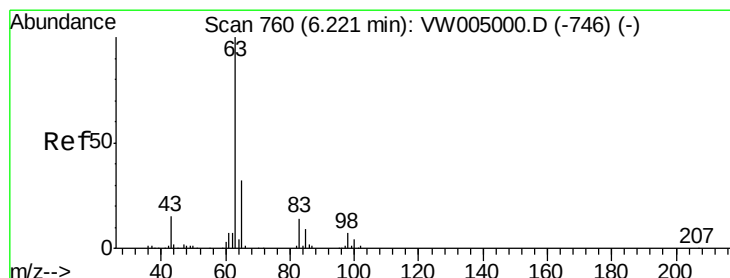
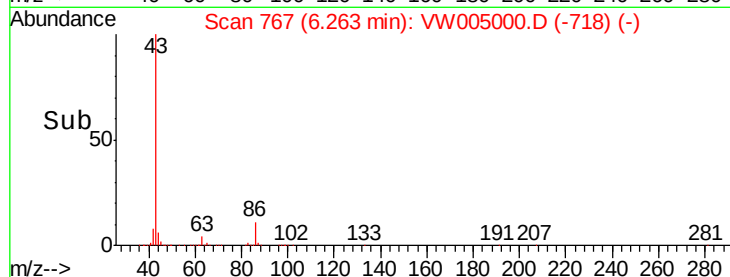
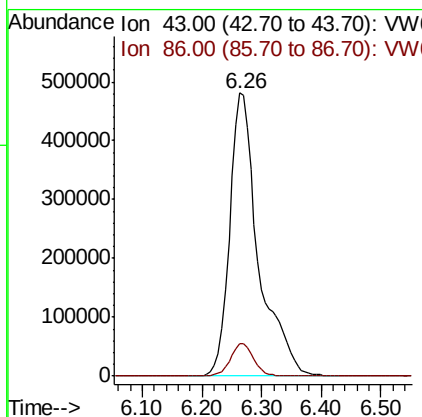
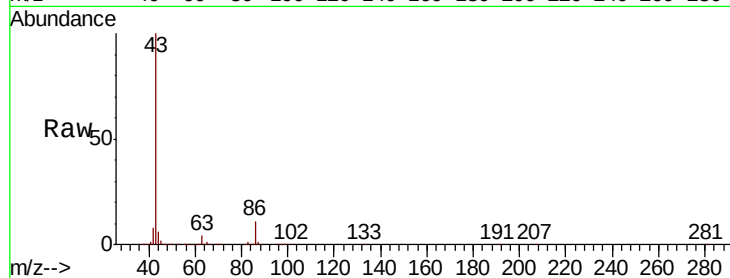
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 49.439 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

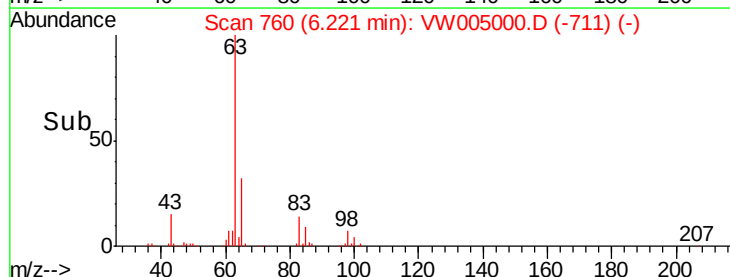
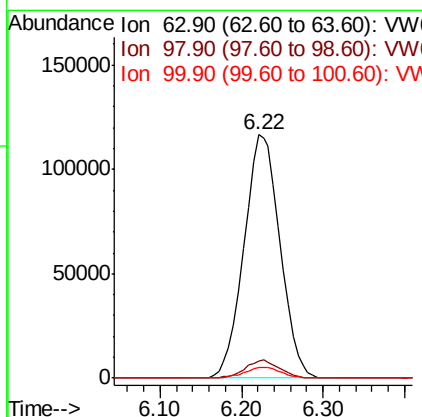
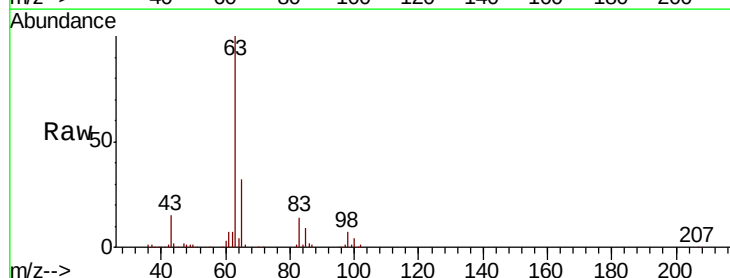
Tgt Ion: 63 Resp: 357501

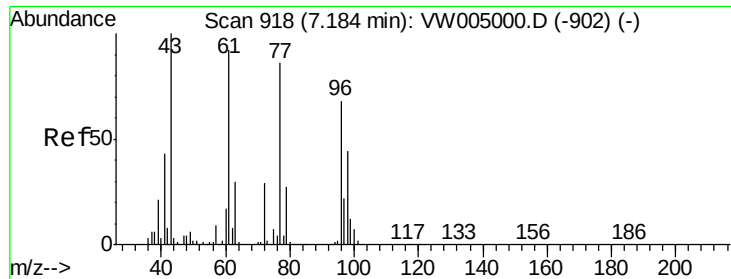
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 244.603 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 306371

Ion Ratio Lower Upper

43 100

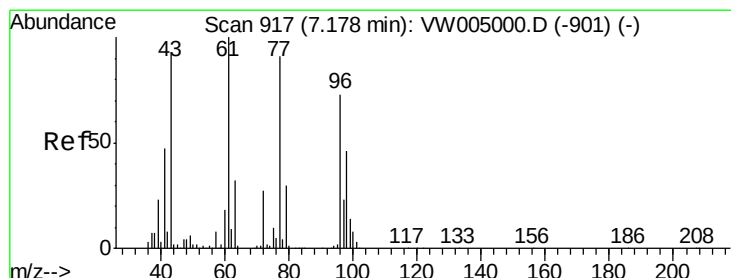
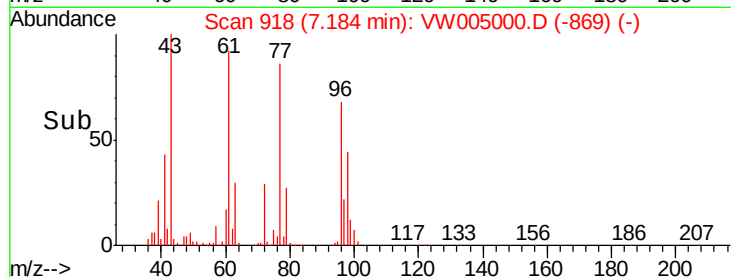
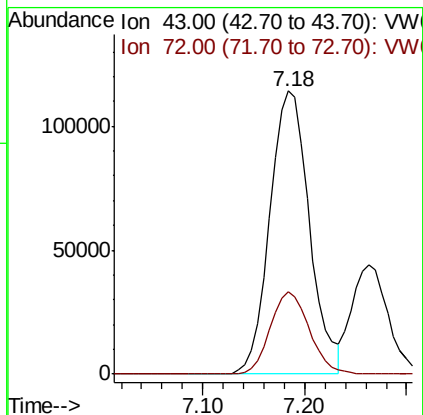
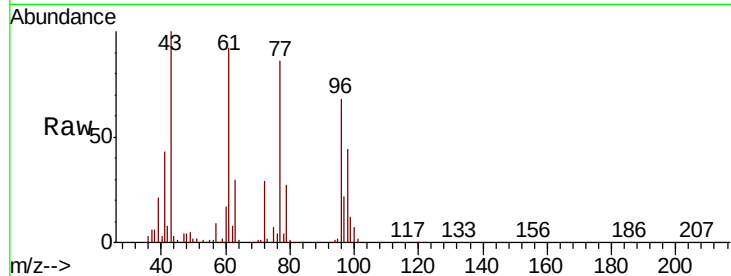
72 29.3 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 48.488 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005000.D

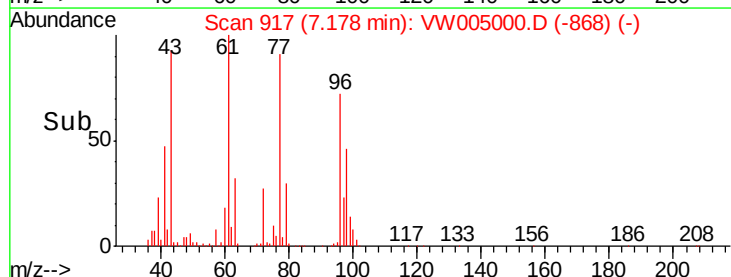
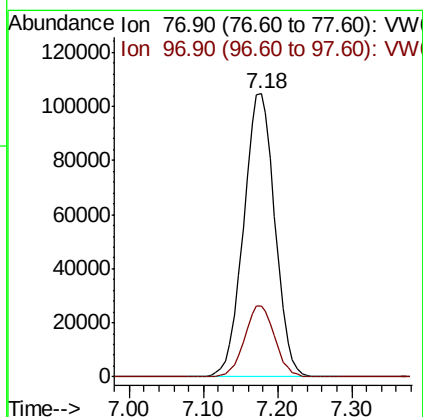
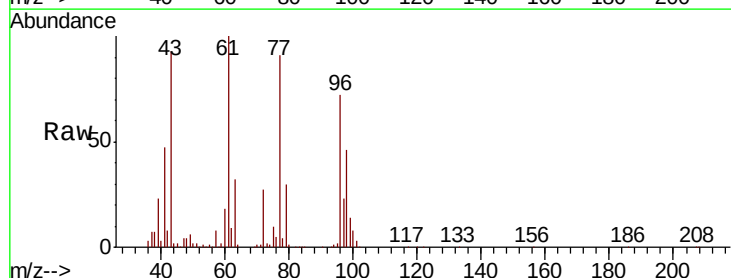
Acq: 29 Aug 2018 13:27

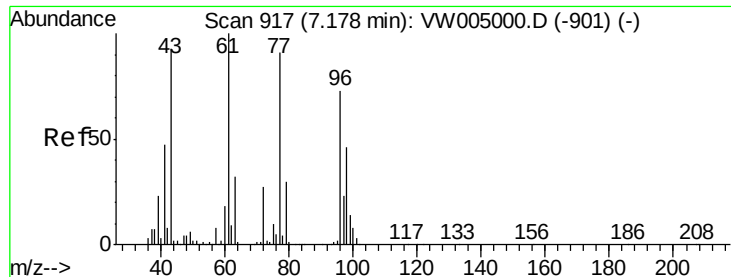
Tgt Ion: 77 Resp: 307753

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.4





#27

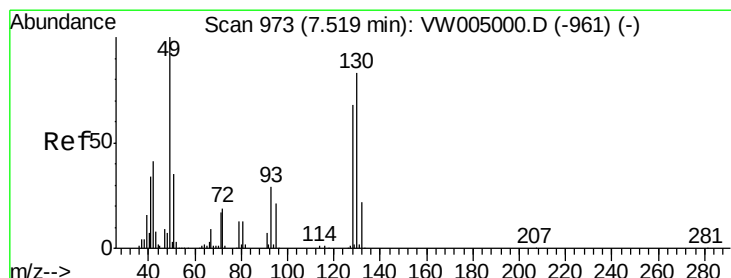
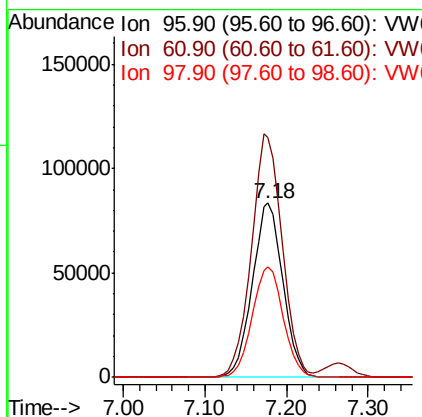
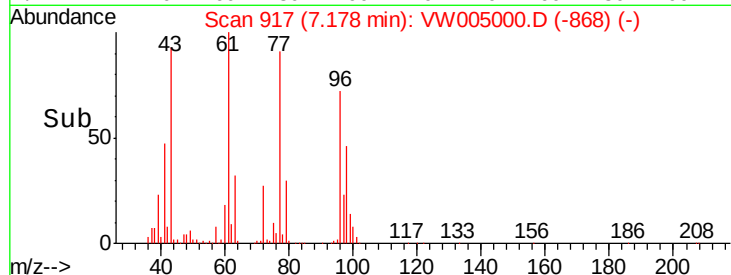
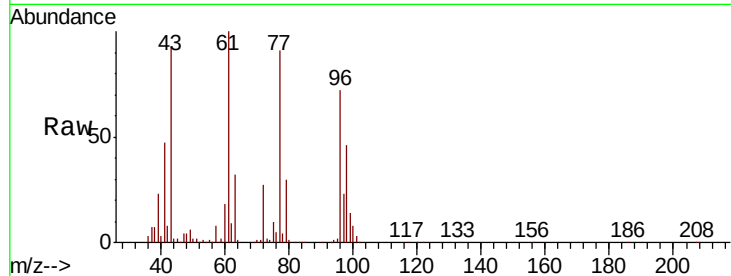
cis-1,2-Dichloroethene
Concen: 48.585 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218195		
61	140.8	0.0	281.6	
98	64.5	0.0	129.0	

Manual Integrations
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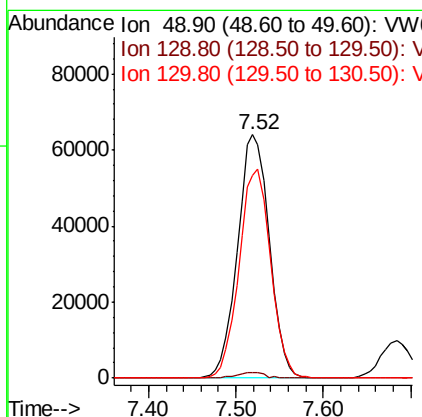
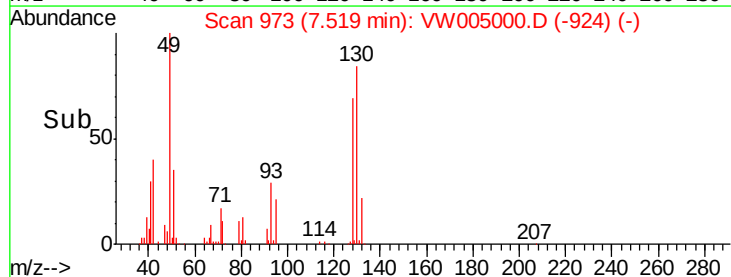
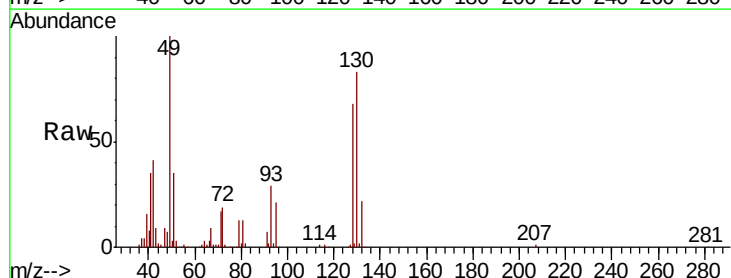
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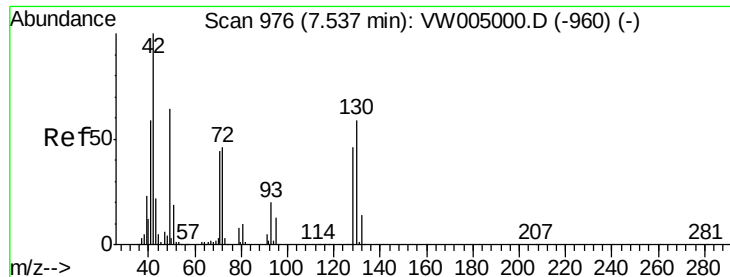


#28

Bromochloromethane
Concen: 50.875 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	161766		
129	2.1	0.0	4.2	
130	85.2	68.2	102.2	





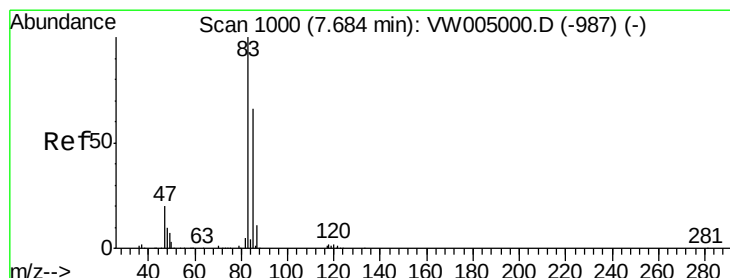
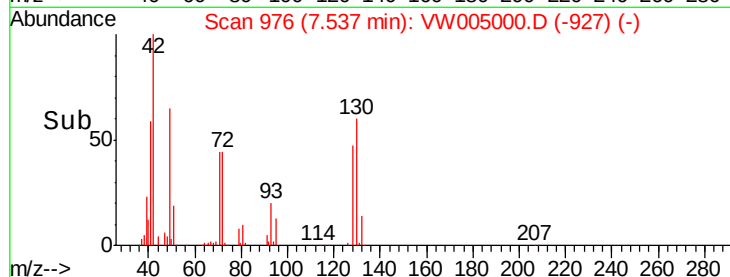
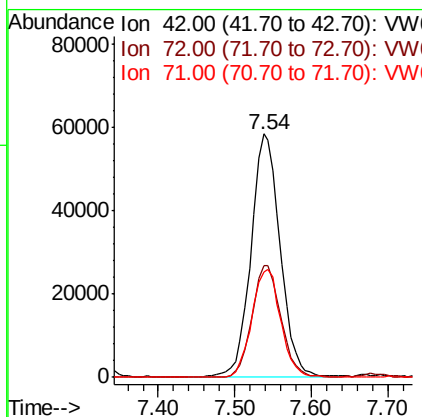
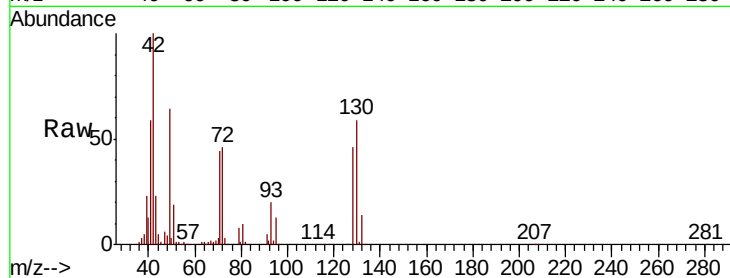
#29
Tetrahydrofuran
Concen: 244.683 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.6	55.0
71	44.3	35.4	53.2

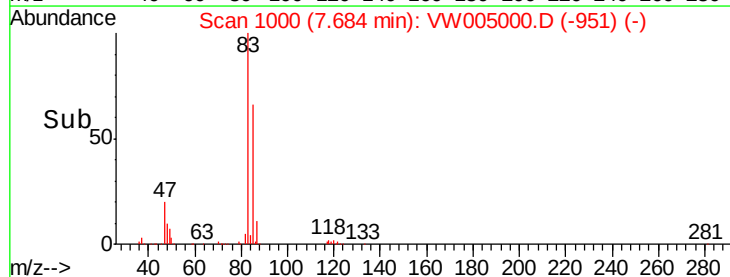
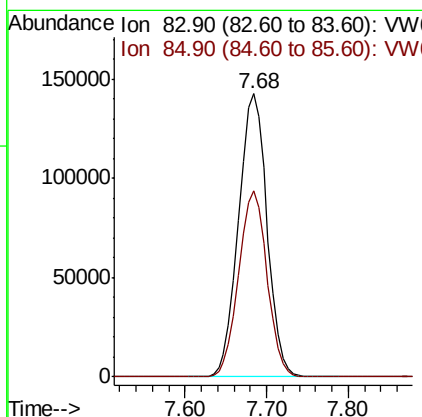
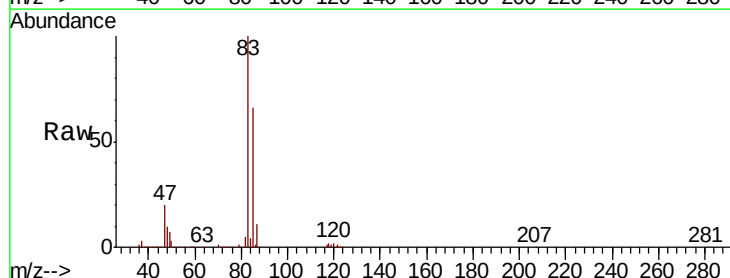
Manual Integrations
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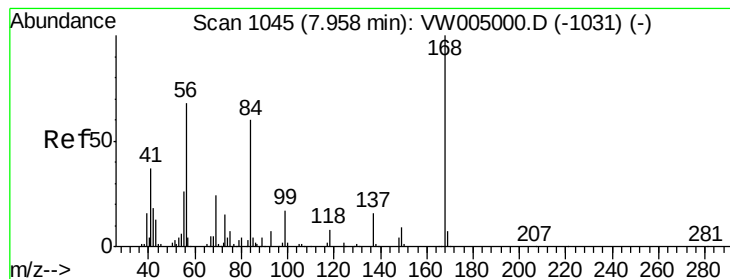
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#30
Chloroform
Concen: 48.482 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8





#31

Cyclohexane

Concen: 51.885 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

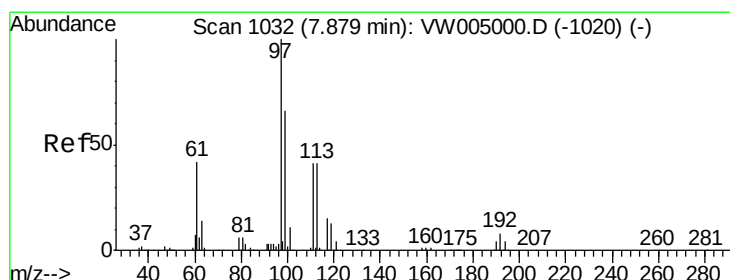
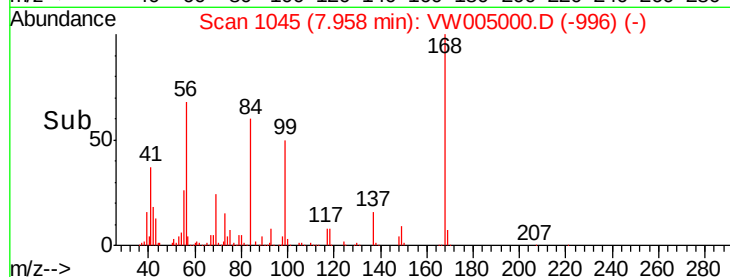
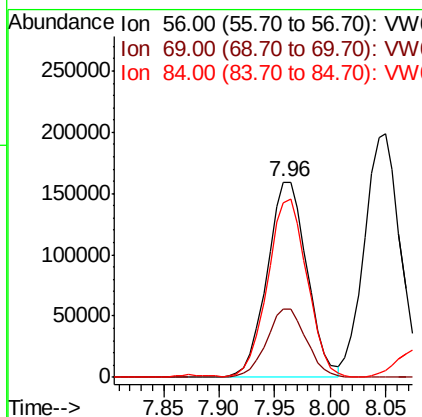
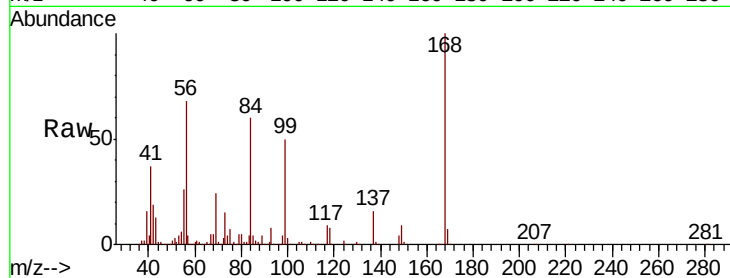
ClientSampled :

VSTDICCC050

Tot Ion:	56	Resp:	397648
Ion	Ratio	Lower	Upper
56	100		
69	34.9	27.9	41.9
84	88.1	70.5	105.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.670 ug/l

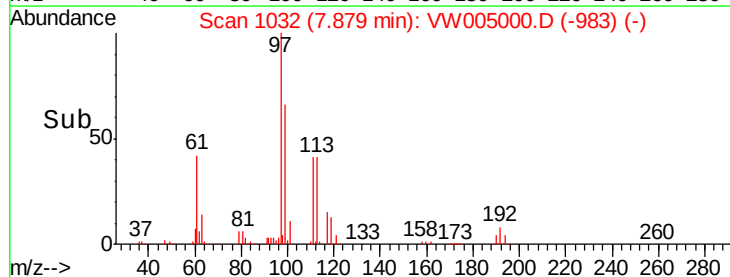
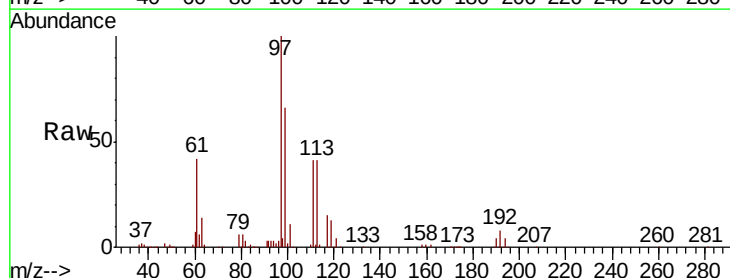
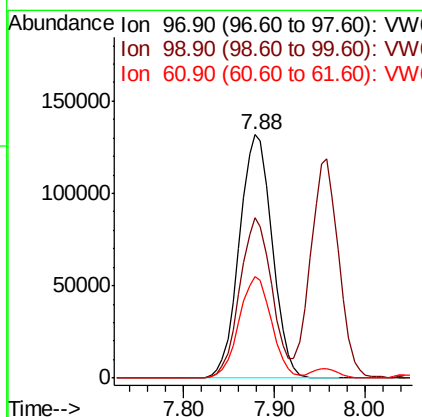
RT: 7.88 min Scan# 1032

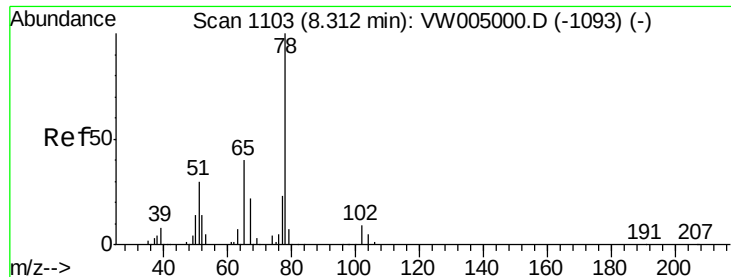
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	97	Resp:	331605
Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.3	78.5
61	41.5	33.2	49.8





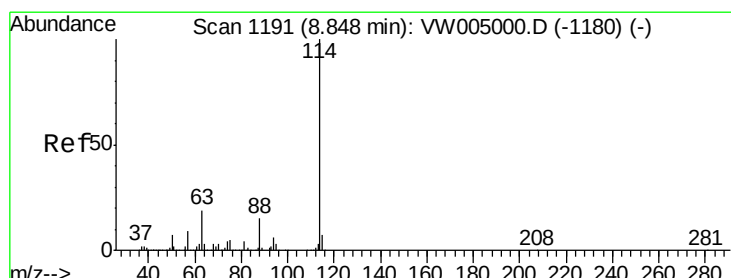
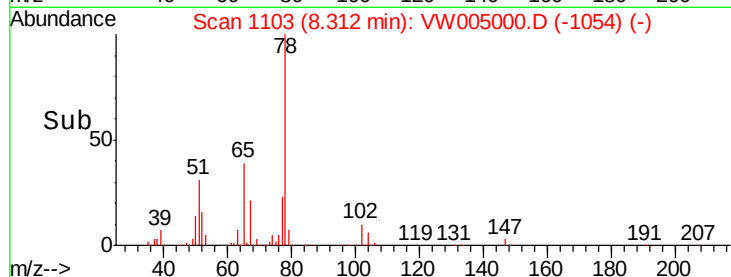
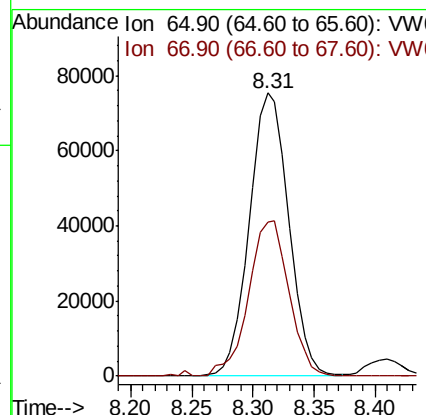
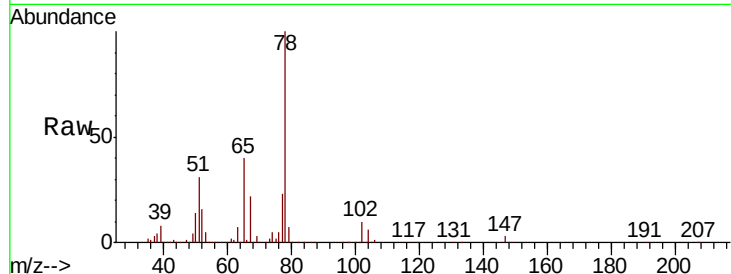
#33
 1,2-Dichloroethane-d4
 Concen: 47.399 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168818		
67	56.4	0.0	112.8	

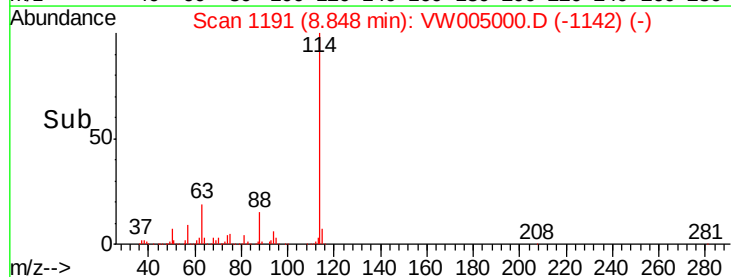
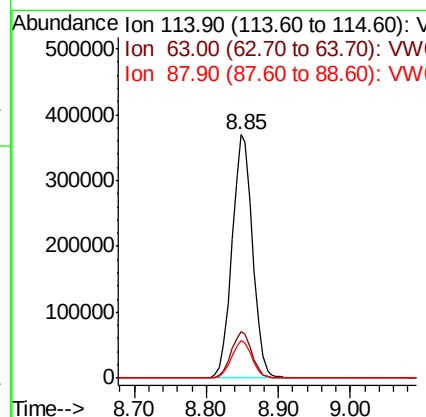
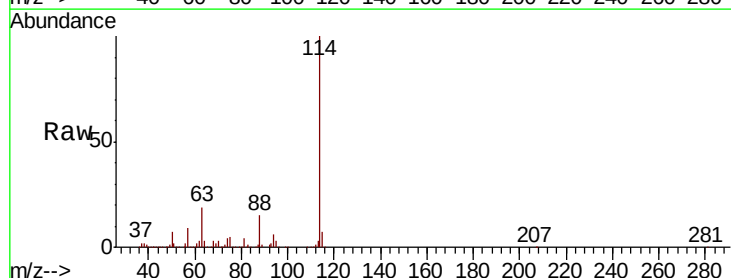
Manual Integrations
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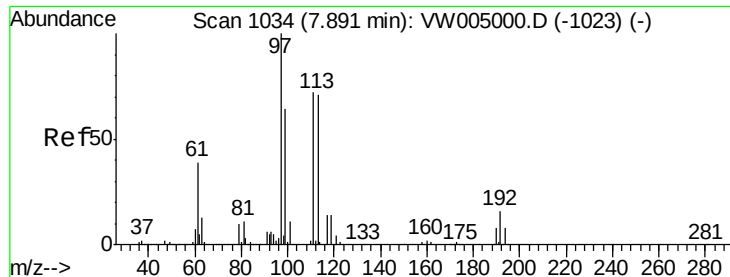
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	733785		
63	19.2	0.0	38.4	
88	15.3	0.0	30.6	





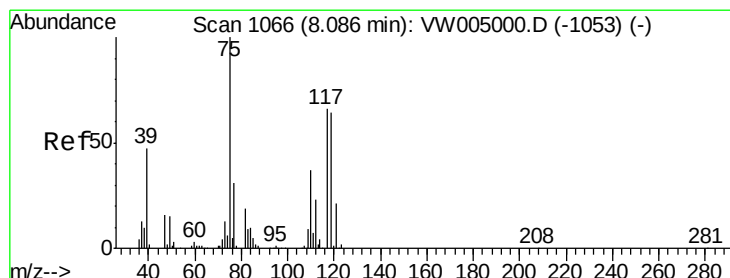
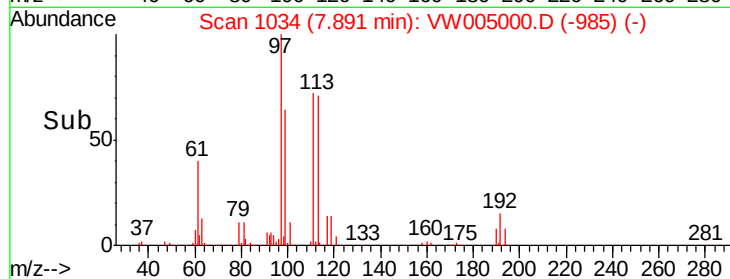
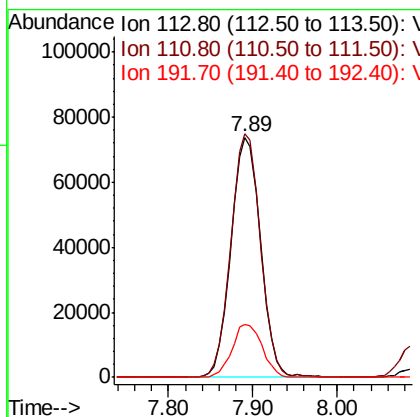
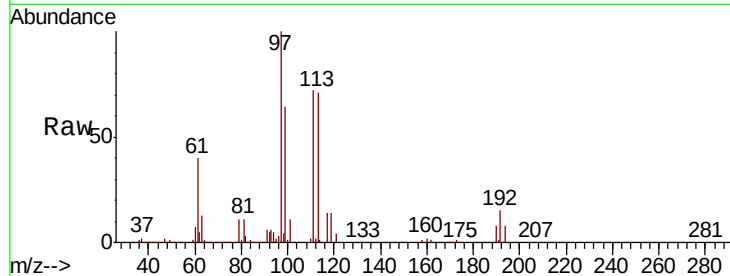
#35
 Dibromofluoromethane
 Concen: 48.043 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174694		
111	101.6	81.3	121.9	
192	22.3	17.8	26.8	

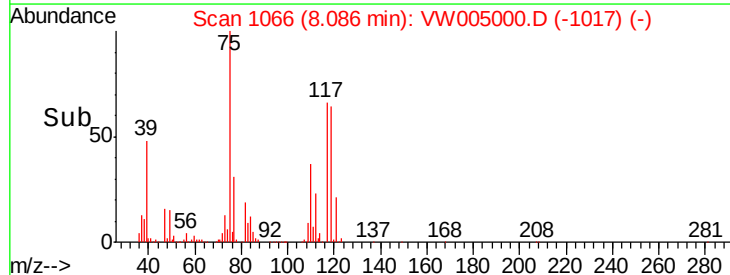
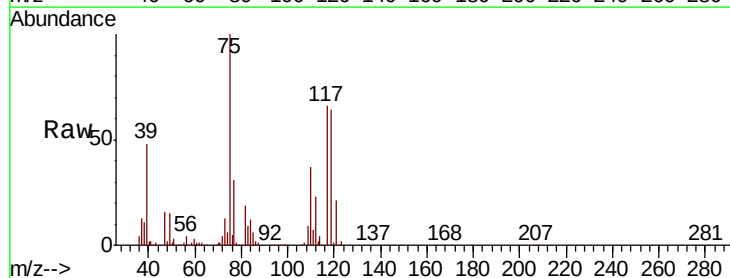
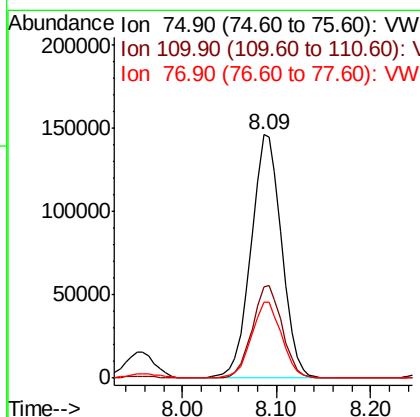
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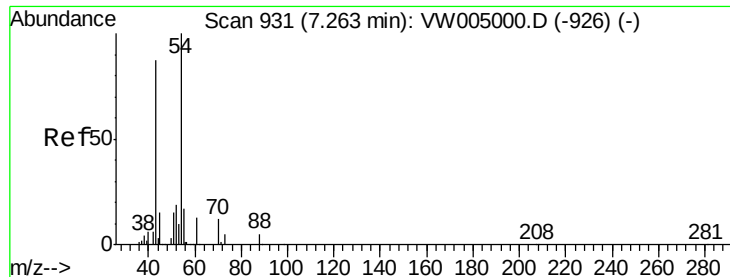
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#36
 1,1-Dichloropropene
 Concen: 53.435 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	332229		
110	37.4	18.7	56.1	
77	31.1	24.9	37.3	





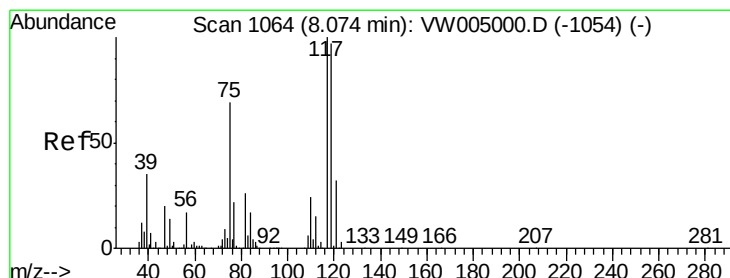
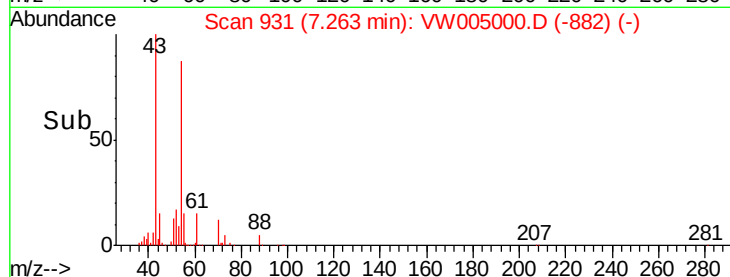
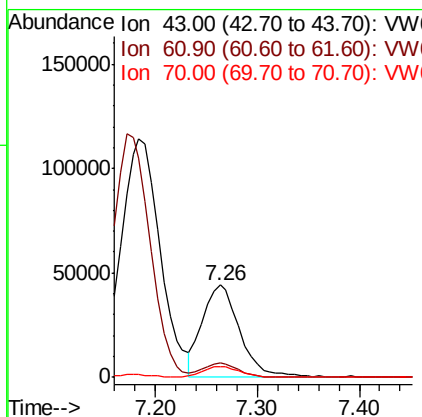
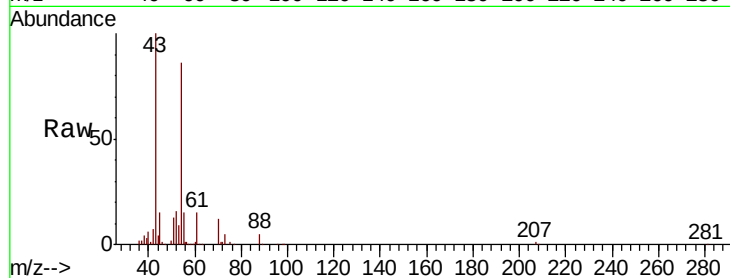
#37
Ethyl Acetate
Concen: 49.313 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.3	18.5
70	12.1	9.7	14.5

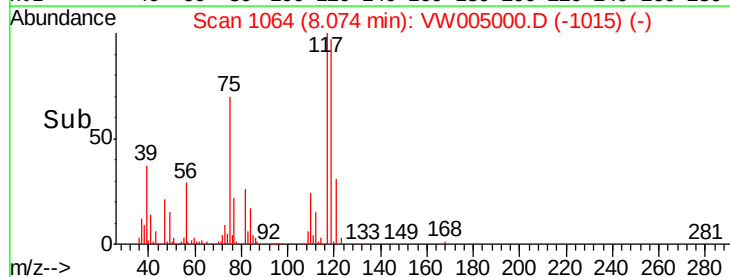
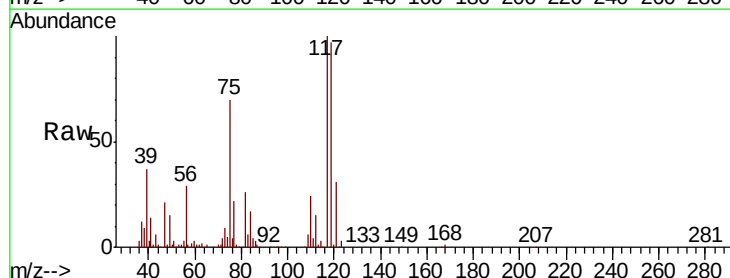
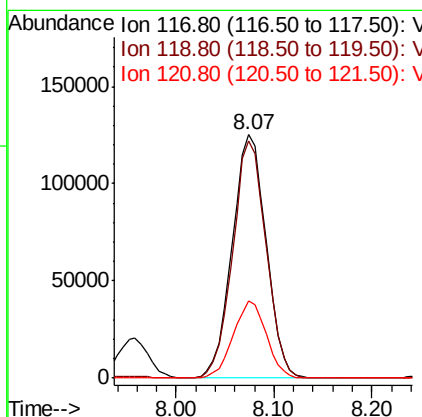
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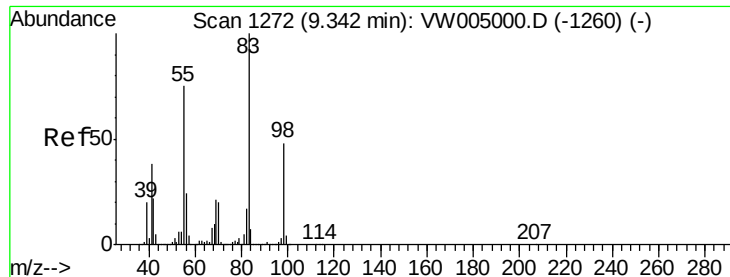
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#38
Carbon Tetrachloride
Concen: 50.043 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
121	31.5	25.2	37.8





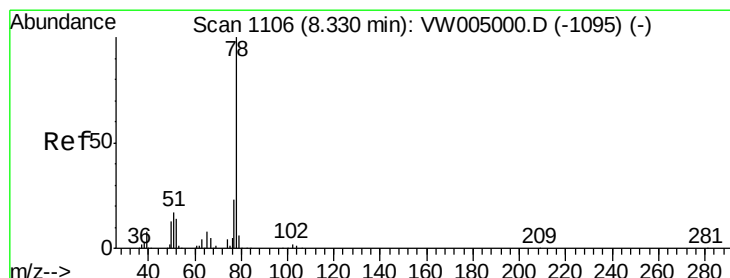
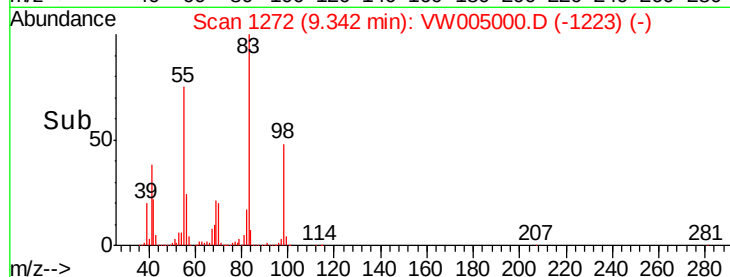
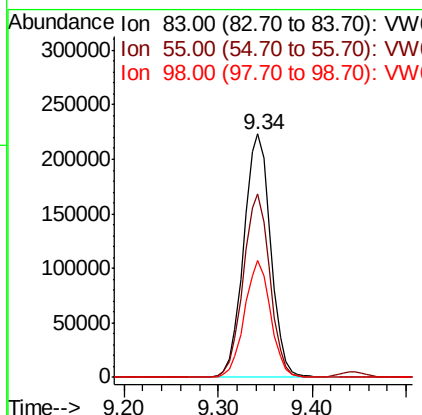
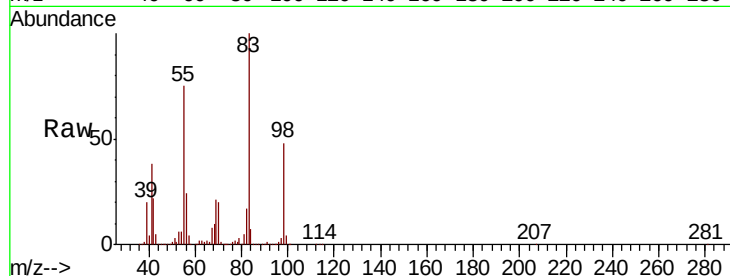
#39
Methylvlcyclohexane
Concen: 52.162 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.2	90.2
98	48.2	38.6	57.8

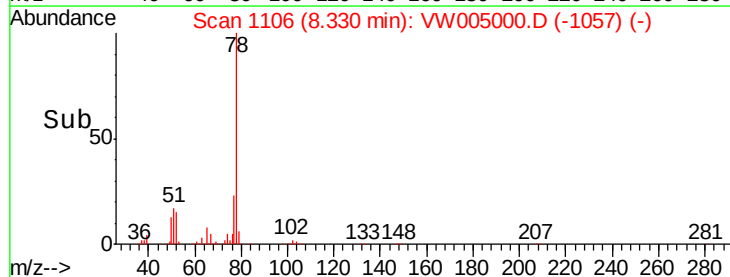
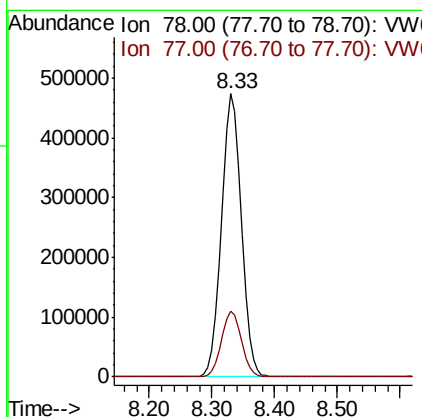
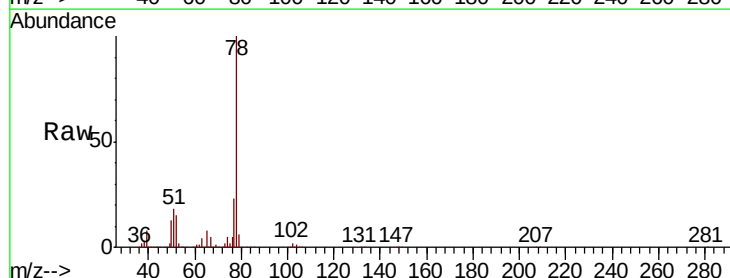
Manual Integrations
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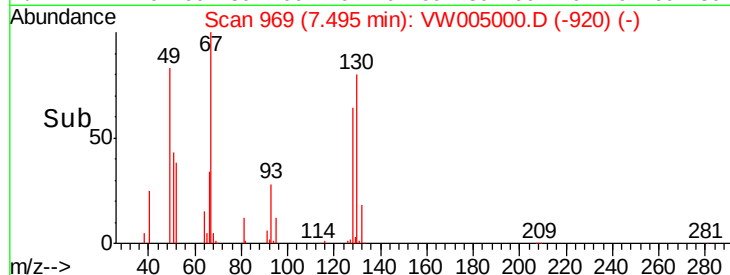
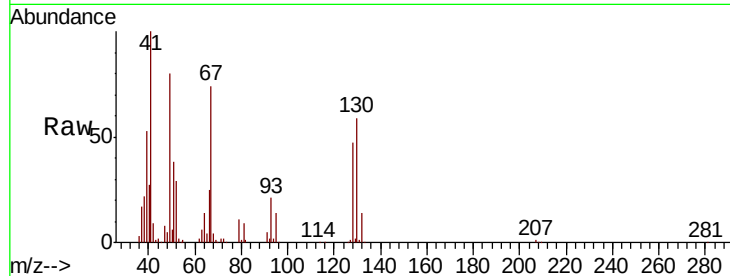
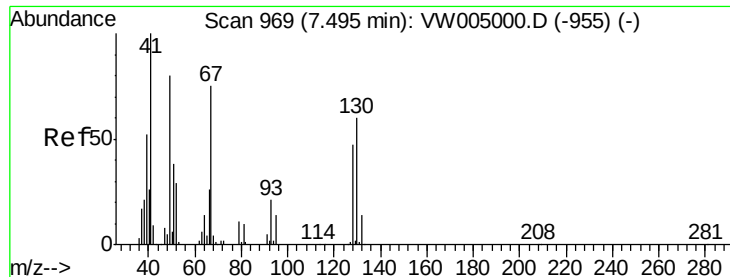
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#40
Benzene
Concen: 52.328 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





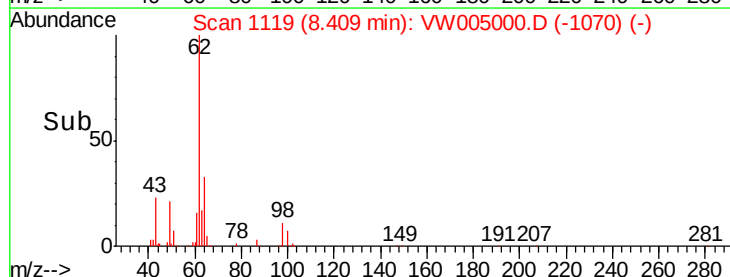
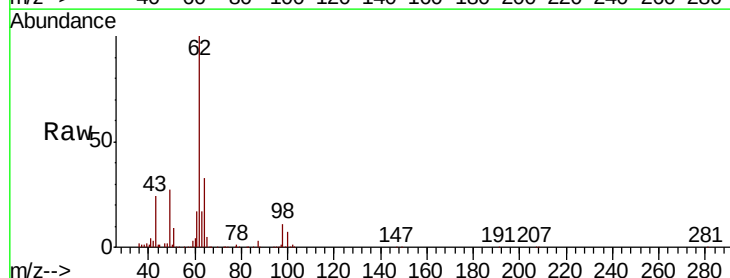
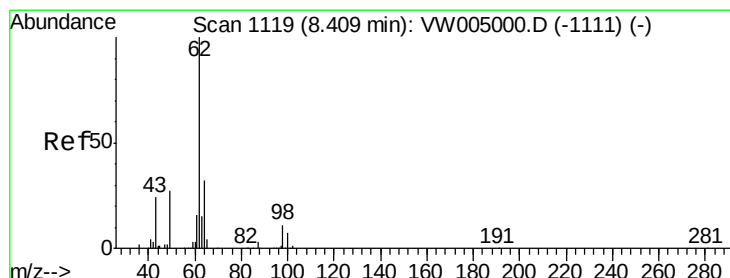
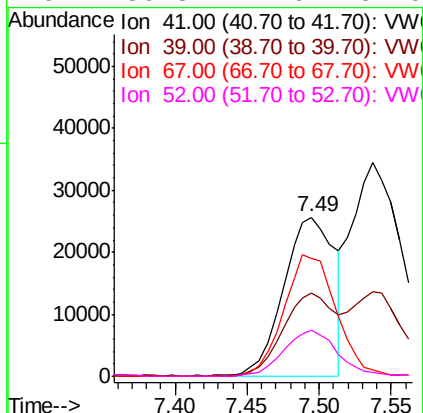
#41
Methacrylonitrile
Concen: 48.218 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	62972		
39	39	52.5		42.0	63.0
67	67	79.3		63.4	95.2
52	52	30.8		24.6	37.0

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

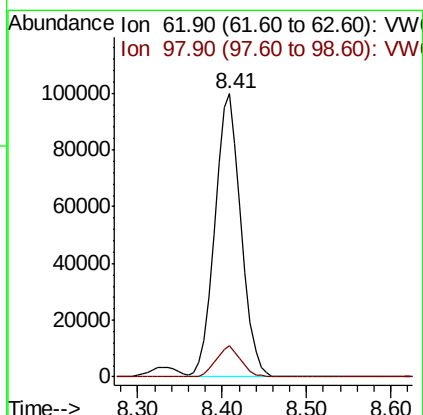
Manual Integrations
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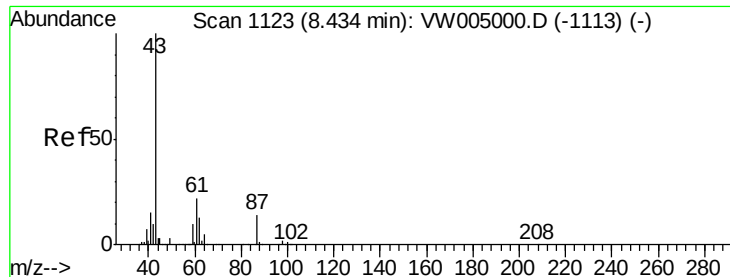
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#42
1,2-Dichloroethane
Concen: 48.142 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	213194		
98	98	10.4		0.0	20.8





#43

Isopropyl Acetate

Concen: 50.271 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

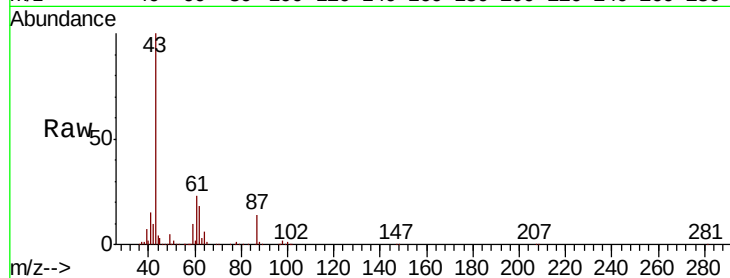
ClientSampleId :

VSTDICCC050

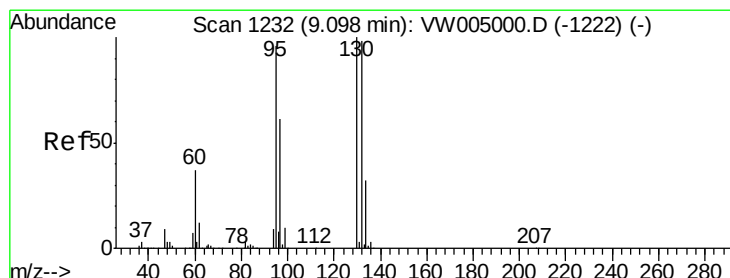
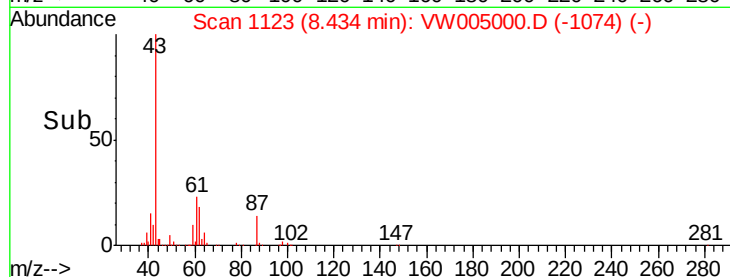
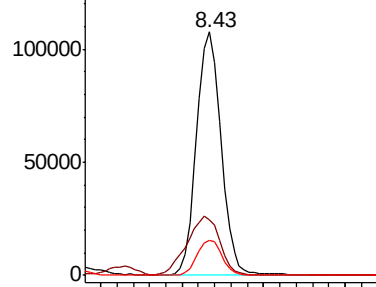
Tot Ion:	43	Resp:	224169
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	14.7	11.8	17.6

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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.994 ug/l

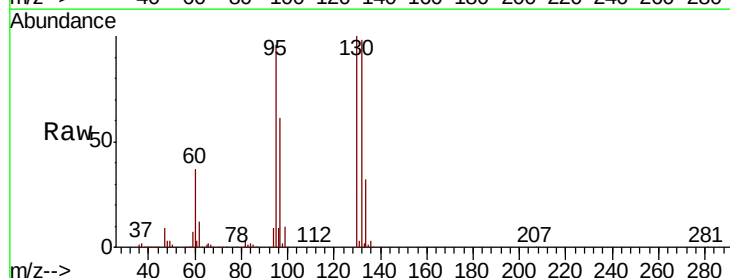
RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

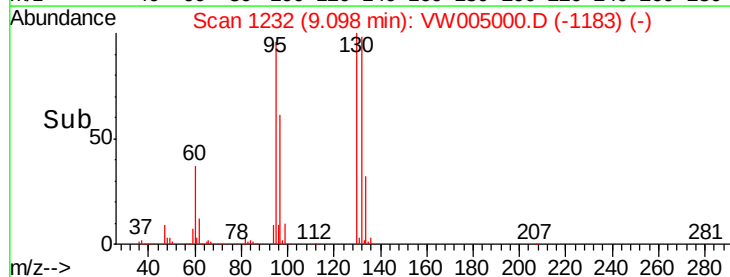
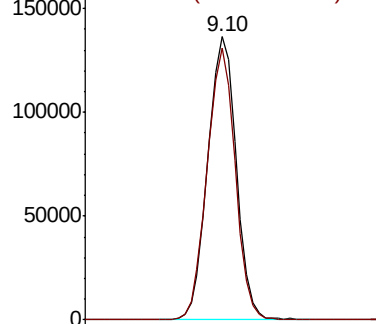
Lab File: VW005000.D

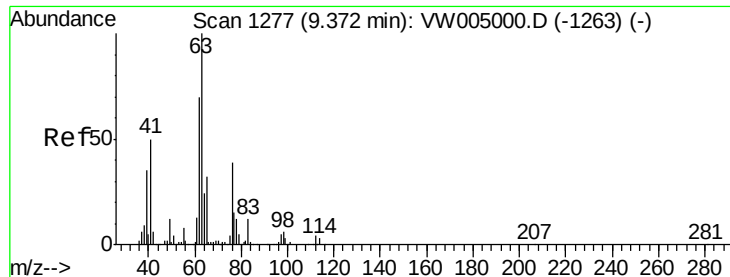
Acq: 29 Aug 2018 13:27

Tgt Ion:	130	Resp:	264301
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	192.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





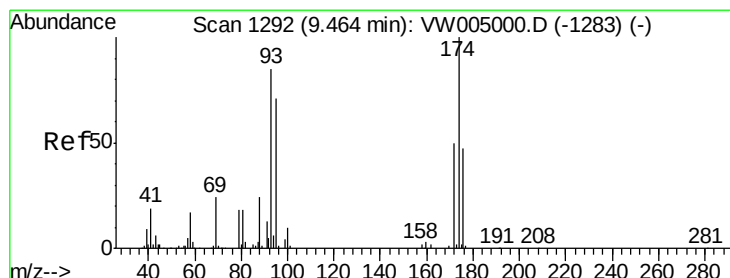
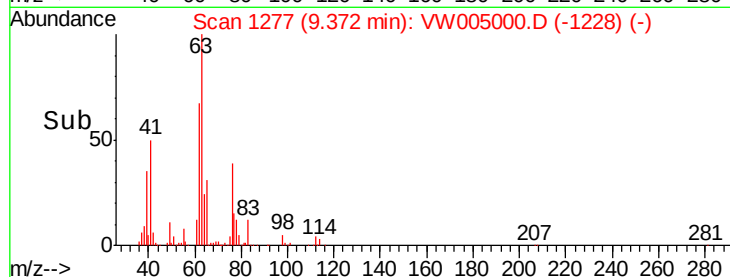
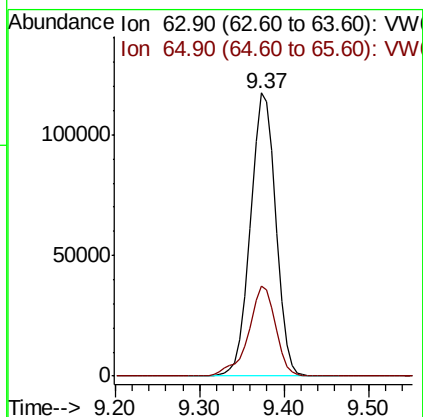
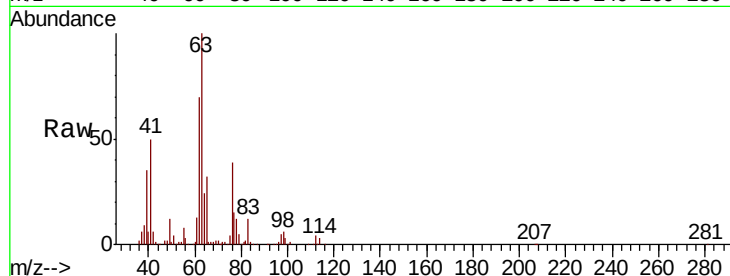
#45
 1,2-Dichloropropane
 Concen: 52.465 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.3	37.9

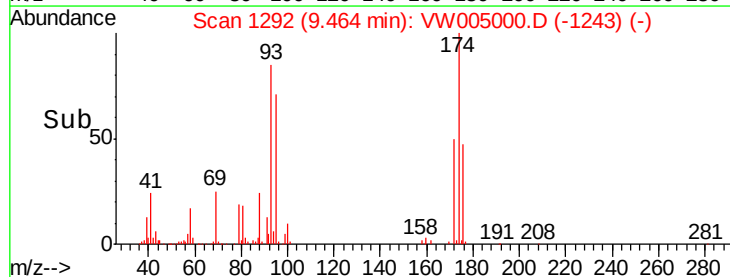
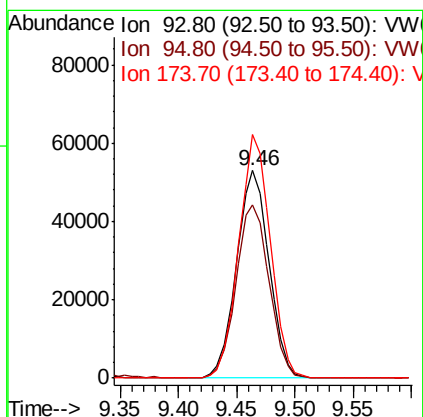
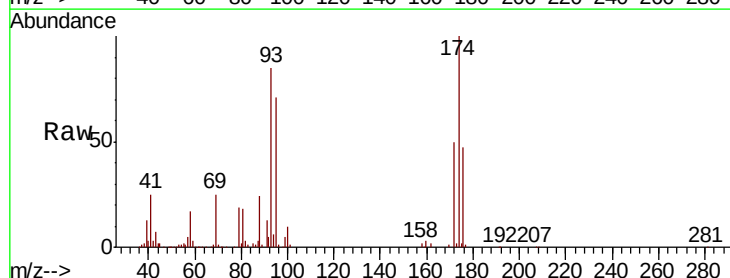
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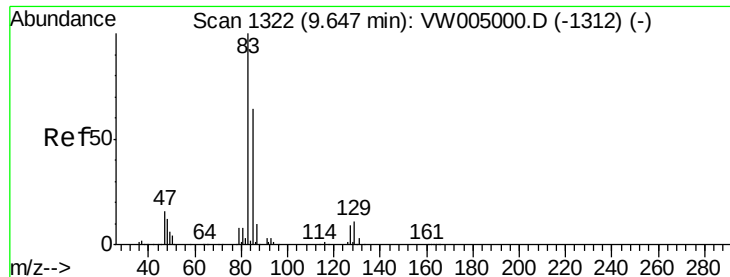
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#46
 Dibromomethane
 Concen: 47.998 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.0	68.0	102.0
174	114.2	91.4	137.0





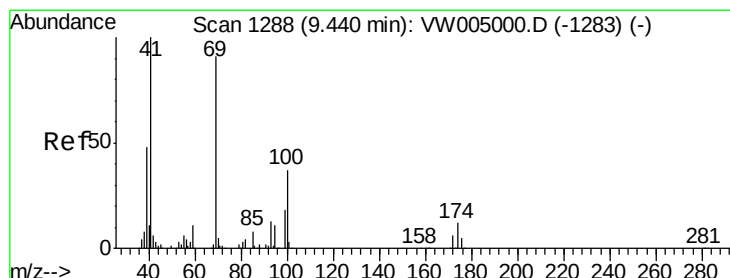
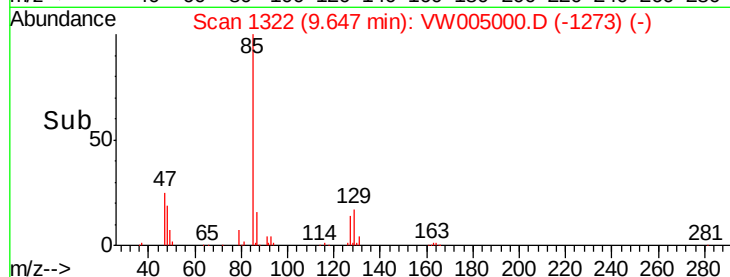
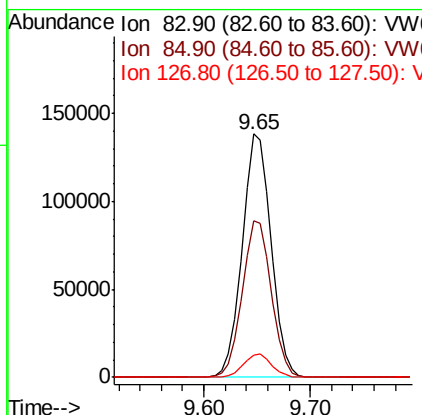
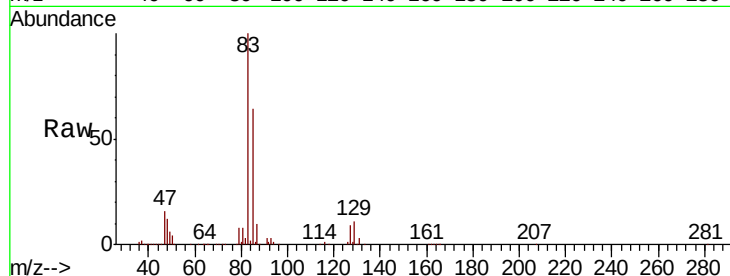
#47
Bromodichloromethane
Concen: 49.497 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	263578		
85	64.1		51.3	76.9
127	9.0		7.2	10.8

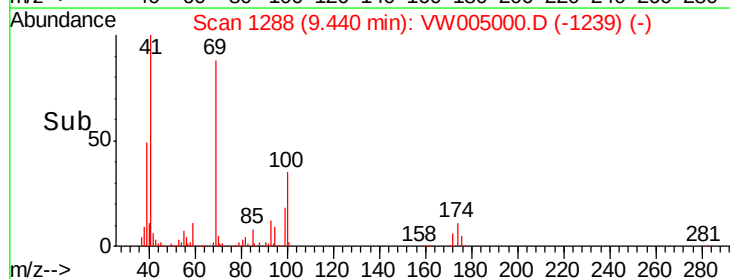
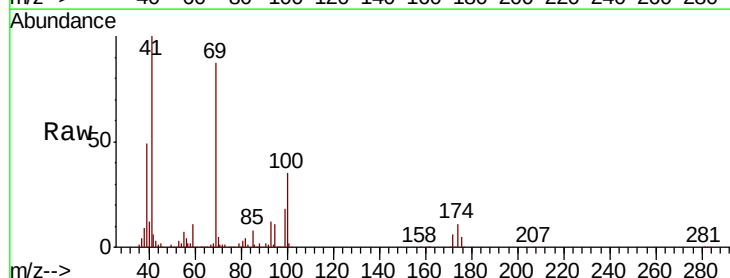
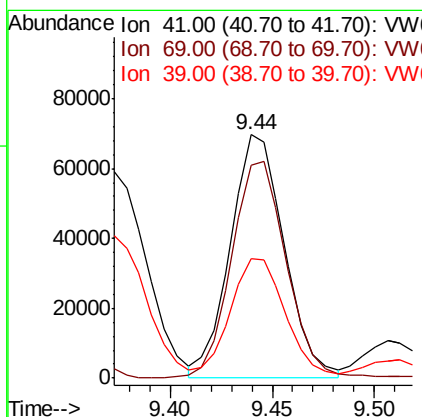
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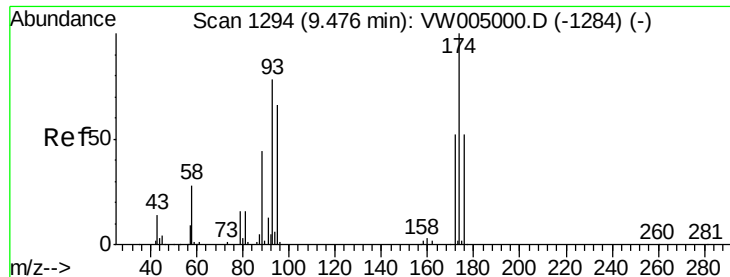
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#48
Methyl methacrylate
Concen: 54.024 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	127910		
69	90.6		72.5	108.7
39	46.3		37.0	55.6





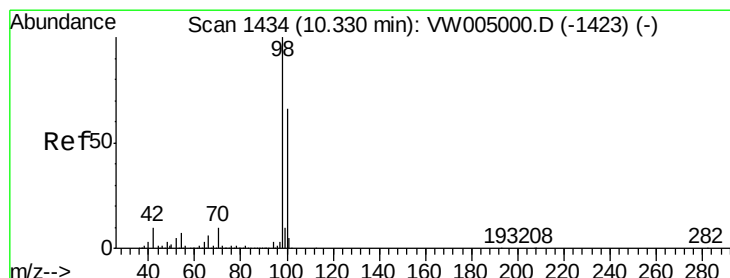
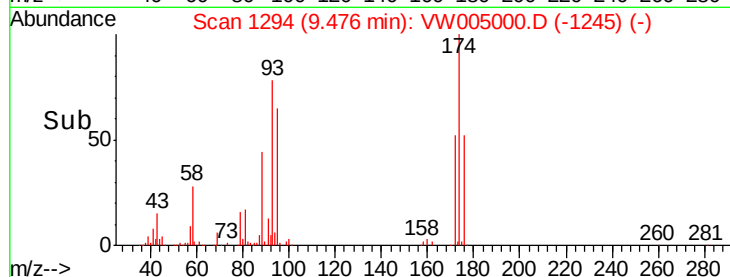
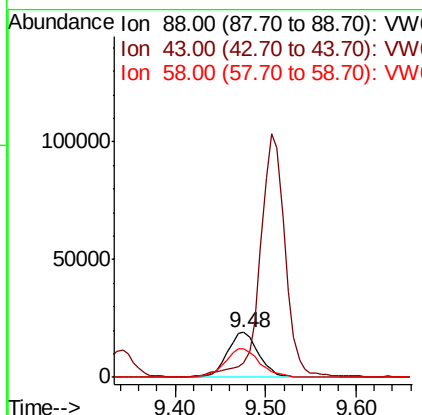
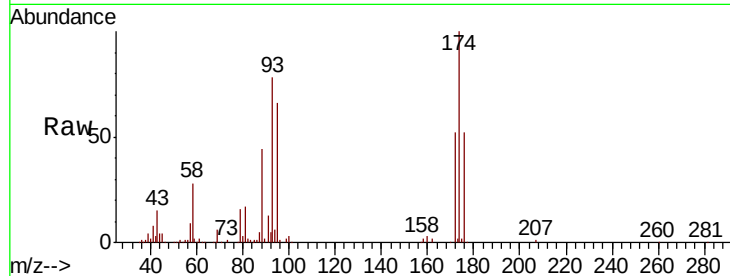
#49
1,4-Dioxane
Concen: 1019.214 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.2	57.0	85.4

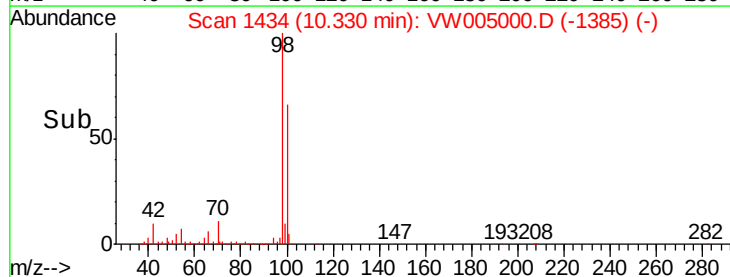
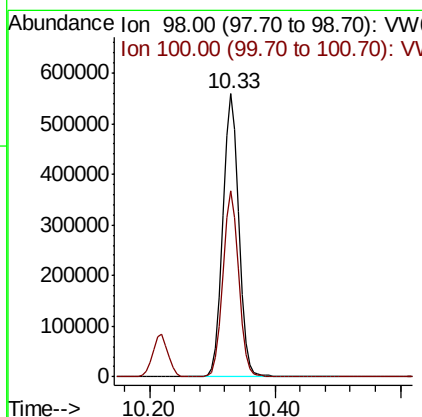
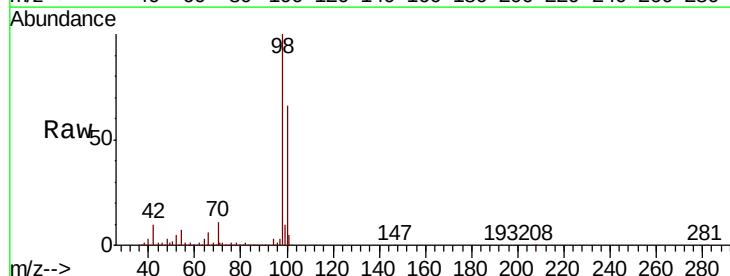
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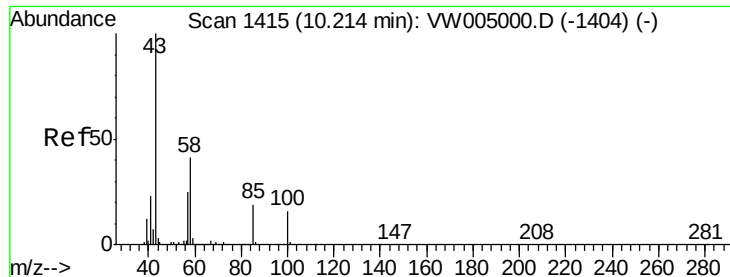
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#50
Toluene-d8
Concen: 49.303 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





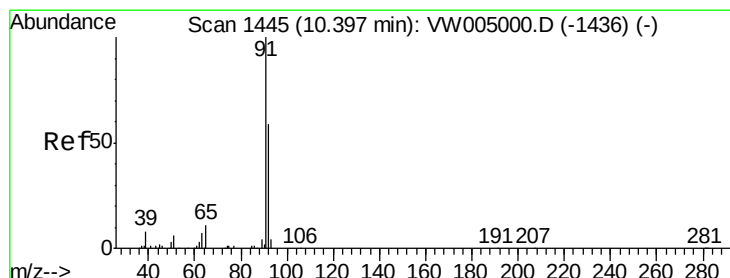
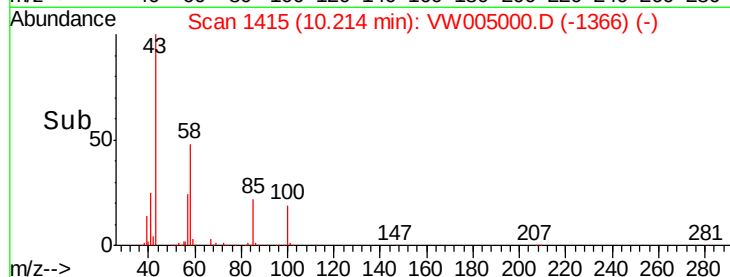
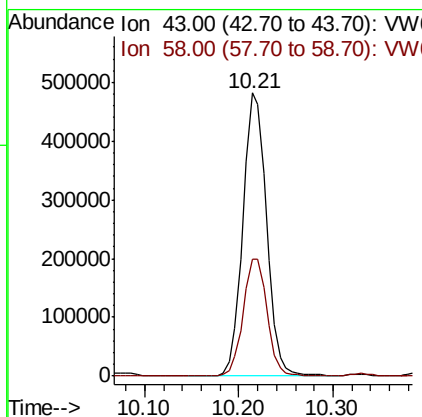
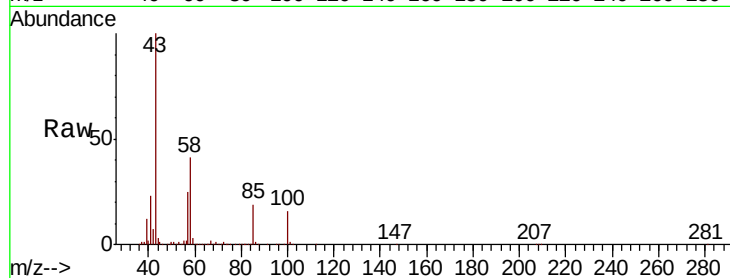
#51
4-Methyl-2-Pentanone
Concen: 254.491 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	43	Resp	849949
Ion Ratio	100	Lower	Upper
43	100		
58	41.9	33.5	50.3

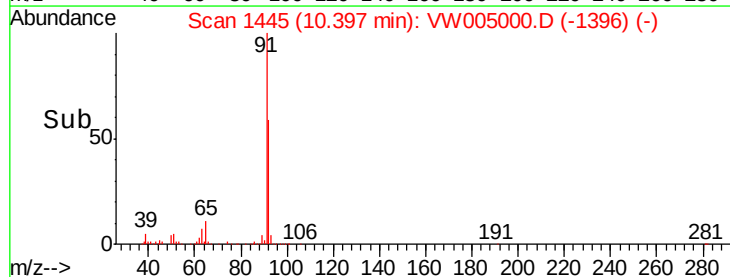
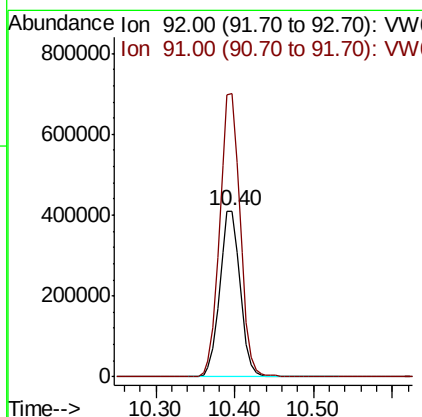
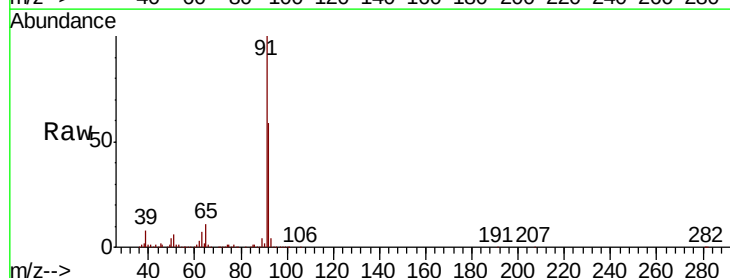
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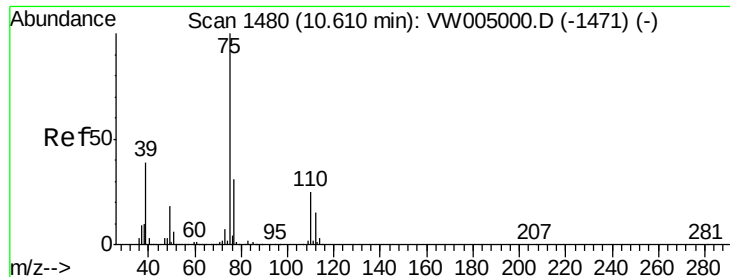
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#52
Toluene
Concen: 50.012 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	92	Resp	738430
Ion Ratio	100	Lower	Upper
92	100		
91	171.8	137.4	206.2





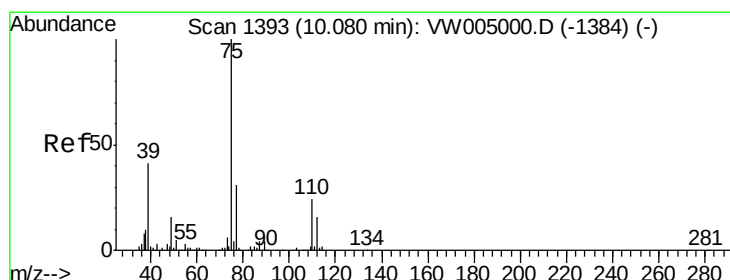
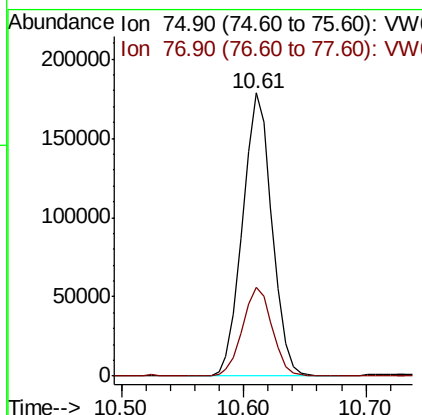
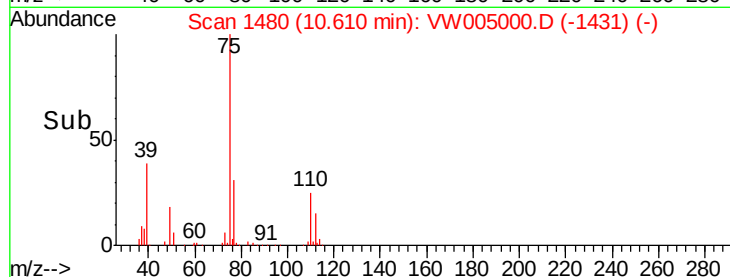
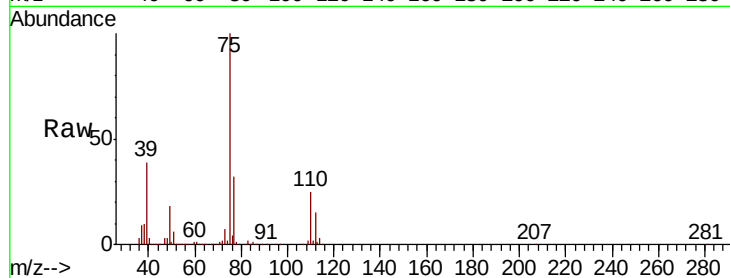
#53
t-1,3-Dichloropropene
Concen: 52.319 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

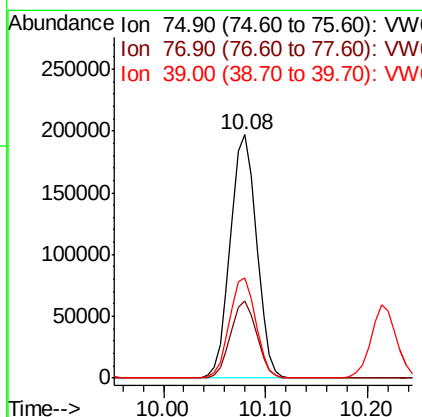
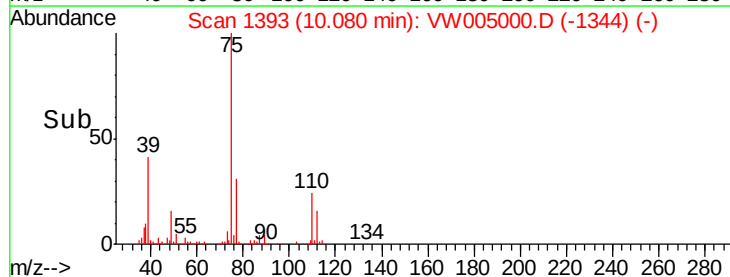
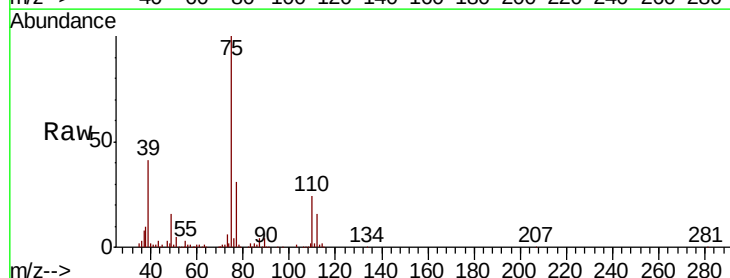
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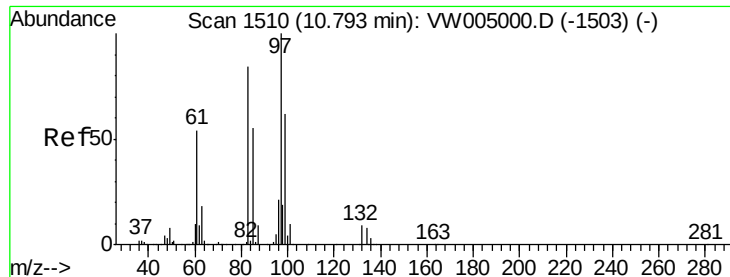
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#54
cis-1,3-Dichloropropene
Concen: 52.955 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	41.1	32.9	49.3





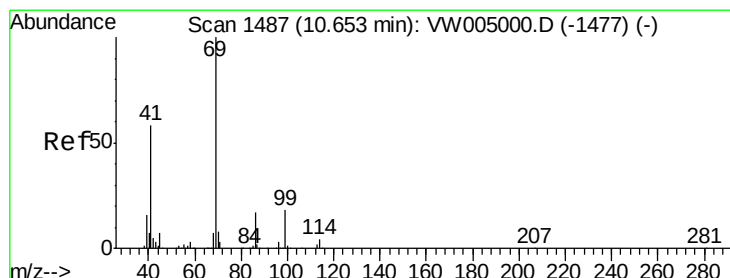
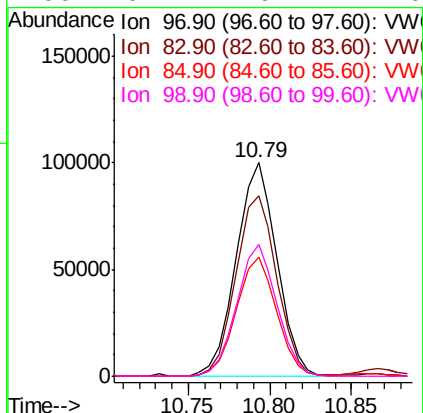
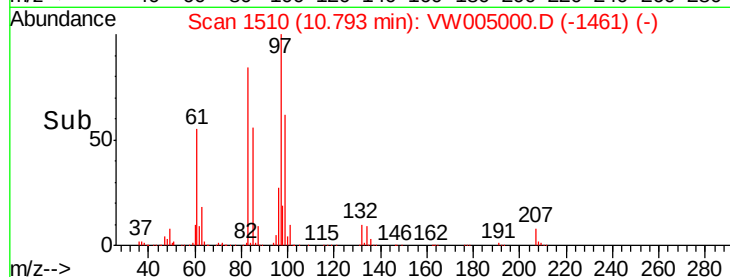
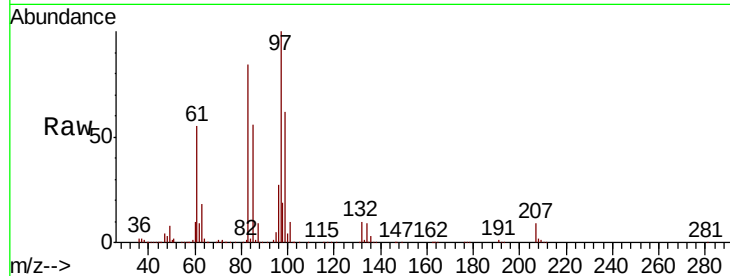
#55
 1,1,2-Trichloroethane
 Concen: 49.426 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	174350
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.3	100.9
85	55.4	44.3	66.5
99	61.7	49.4	74.0

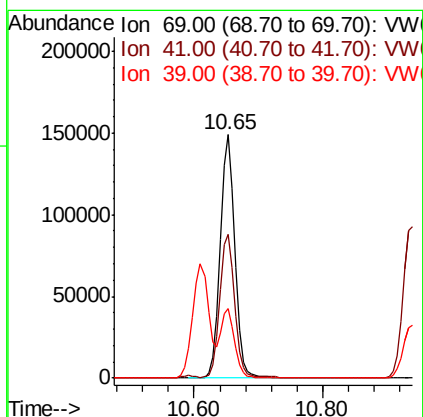
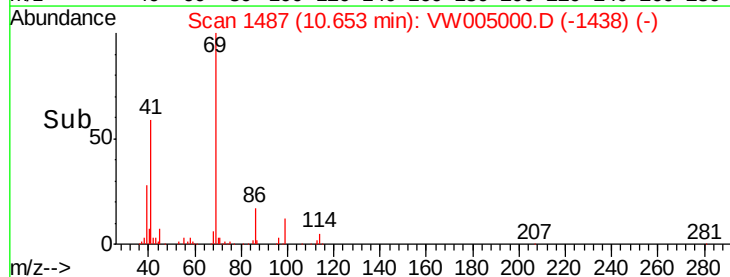
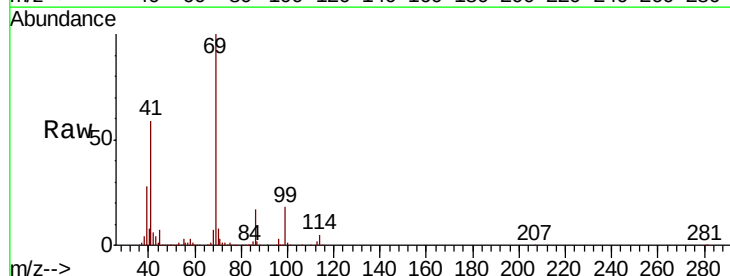
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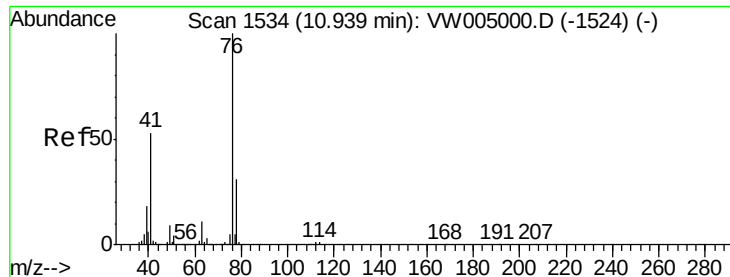
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#56
 Ethyl methacrylate
 Concen: 51.873 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion:	69	Resp:	240013
Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.7	71.5
39	26.3	21.0	31.6





#57

1,3-Dichloropropane

Concen: 51.269 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 297592

Ion Ratio Lower Upper

76 100

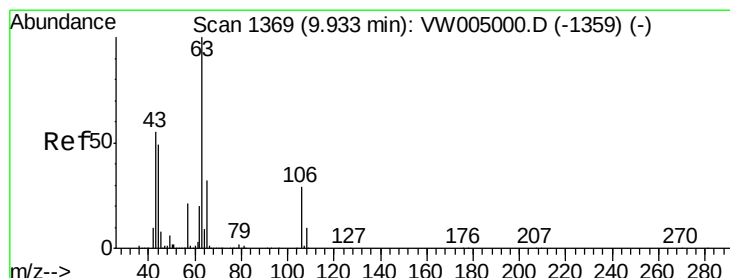
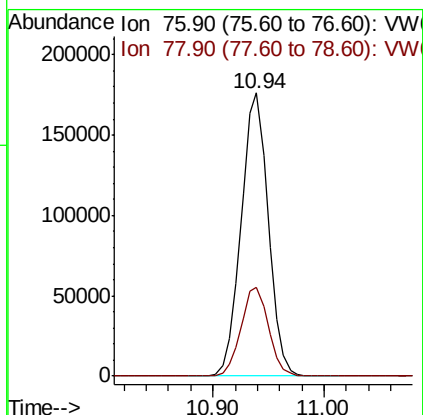
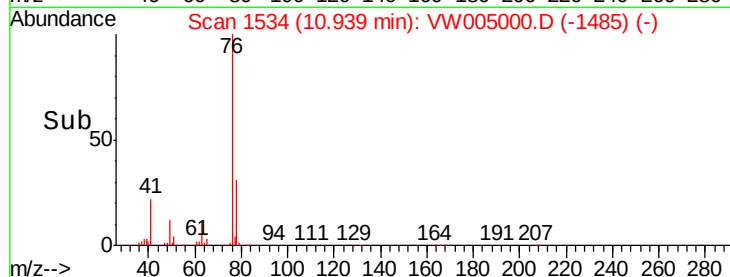
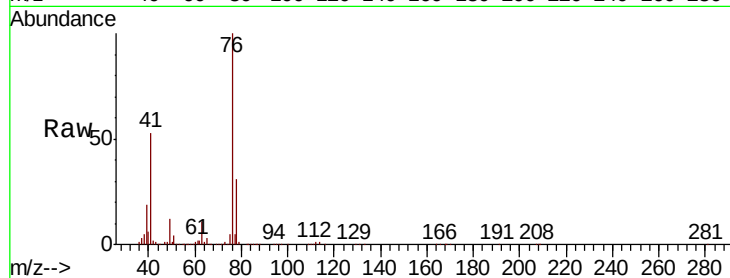
78 32.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 267.722 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW005000.D

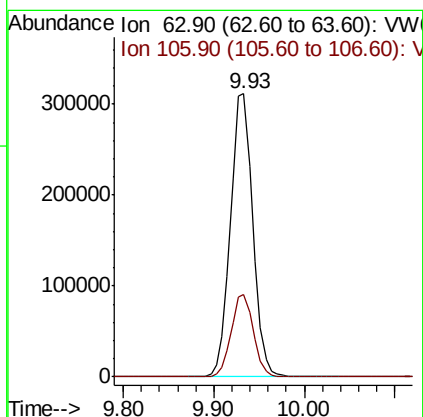
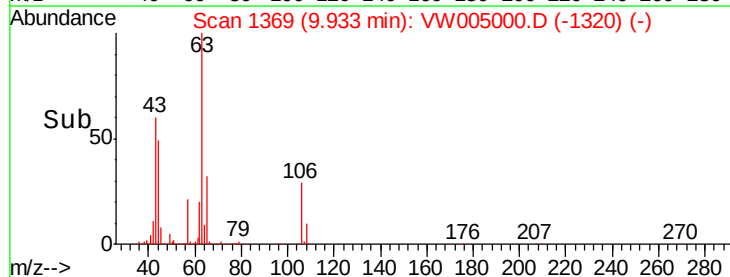
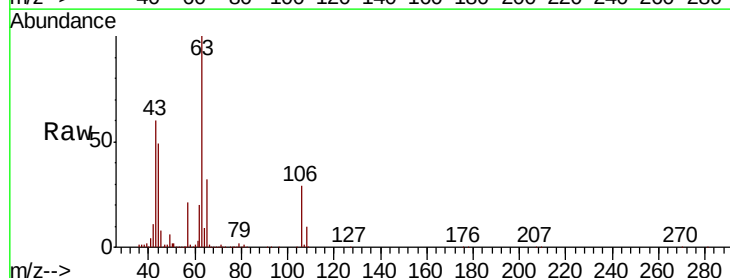
Acq: 29 Aug 2018 13:27

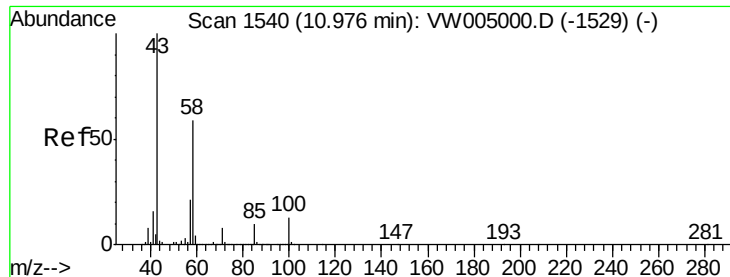
Tgt Ion: 63 Resp: 533670

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8





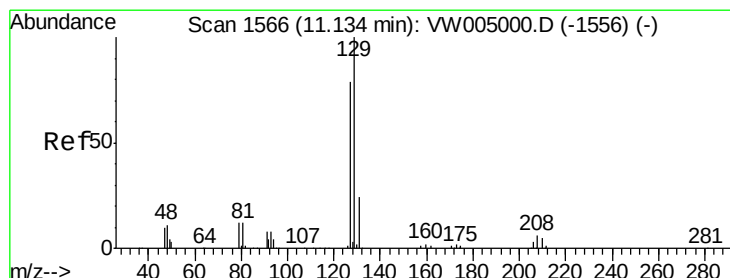
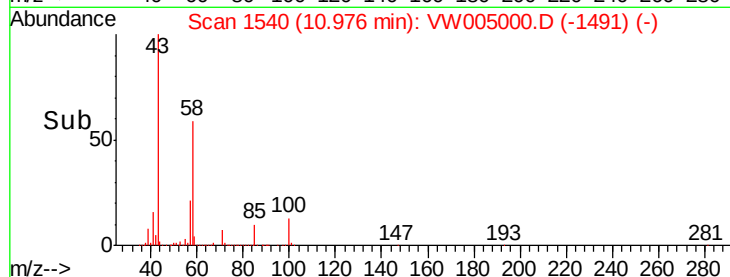
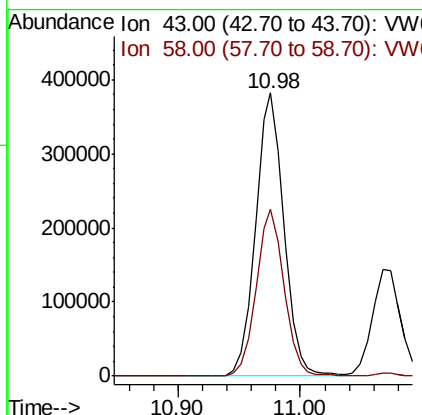
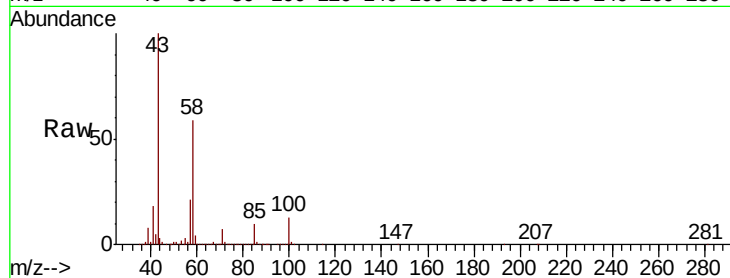
#59
2-Hexanone
Concen: 254.540 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 615511
Ion Ratio Lower Upper
43 100
58 58.4 29.2 87.6

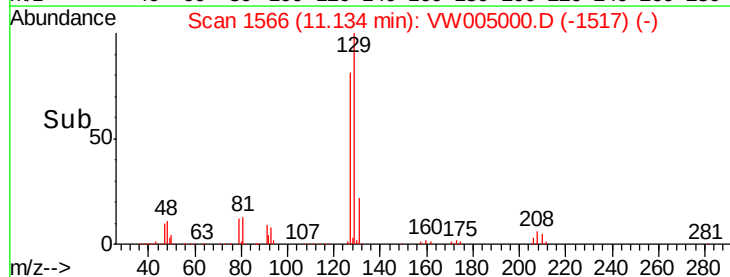
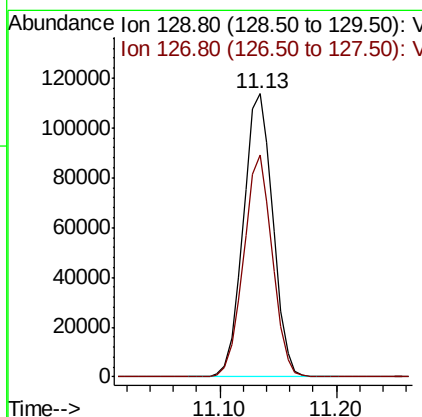
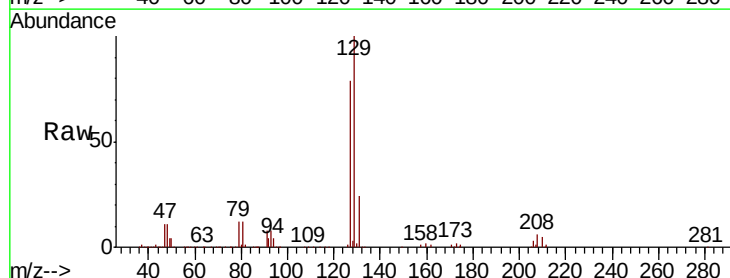
Manual Integrations
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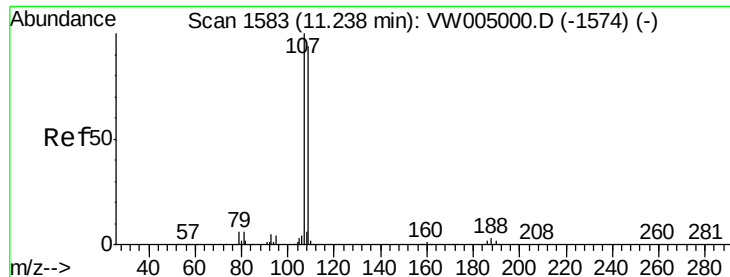
apatel
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#60
Dibromochloromethane
Concen: 51.873 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion: 129 Resp: 200822
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.929 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 107 Resp: 168425

Ion Ratio Lower Upper

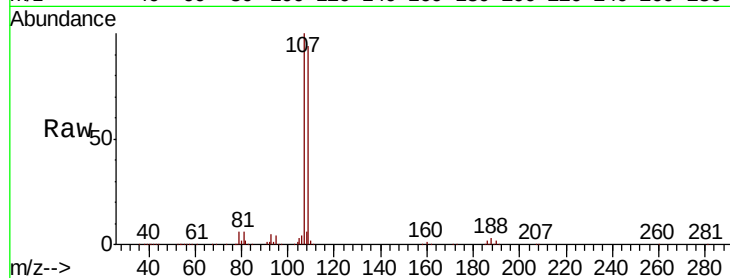
107 100

109 94.0 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

100000

80000

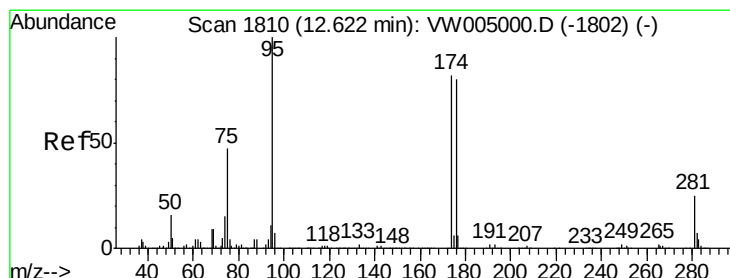
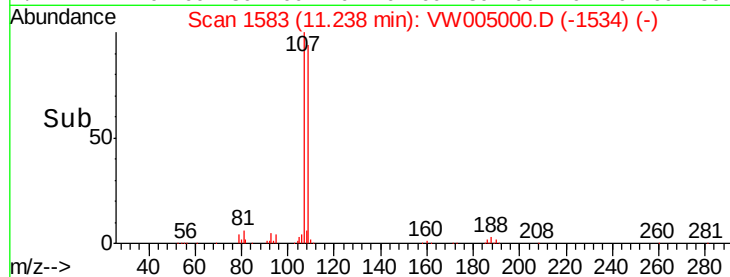
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.031 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

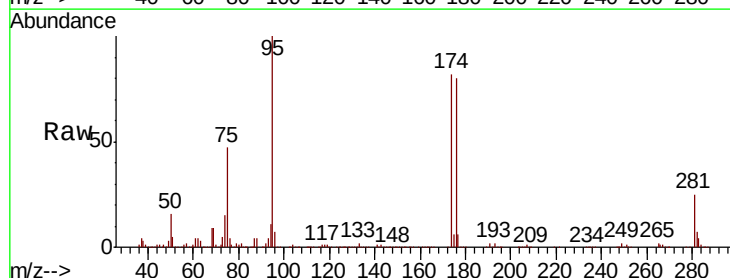
Tgt Ion: 95 Resp: 349601

Ion Ratio Lower Upper

95 100

174 86.7 0.0 173.4

176 83.9 0.0 167.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

250000

200000

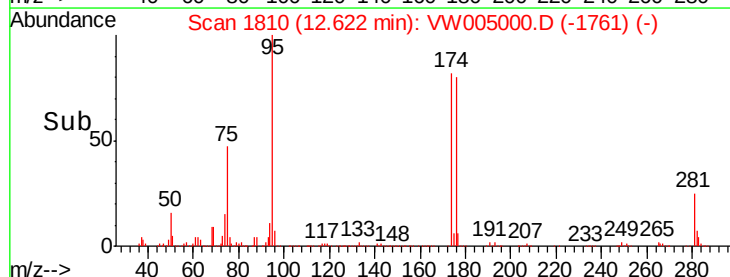
150000

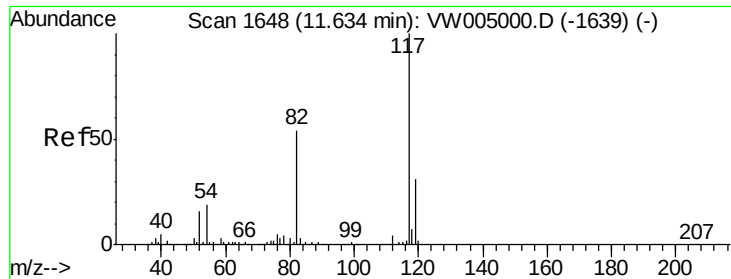
100000

50000

0

Time-->





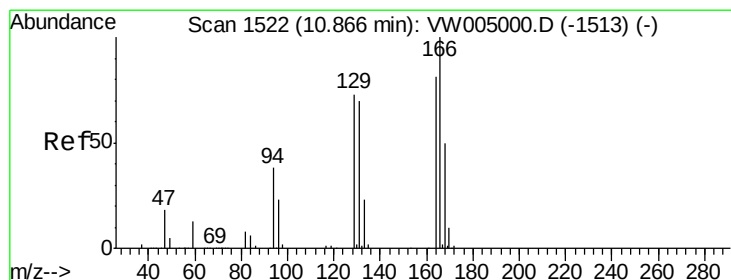
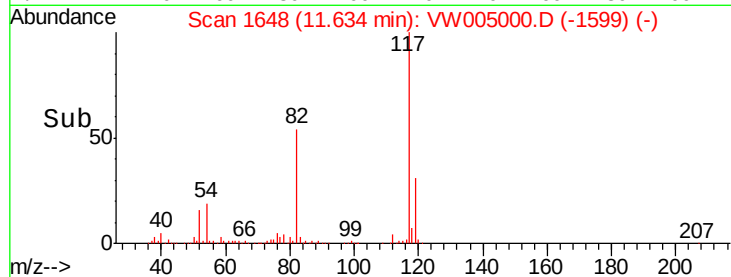
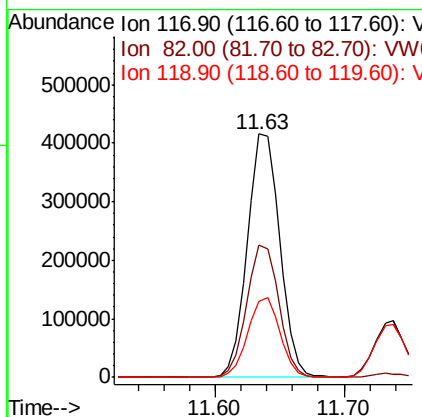
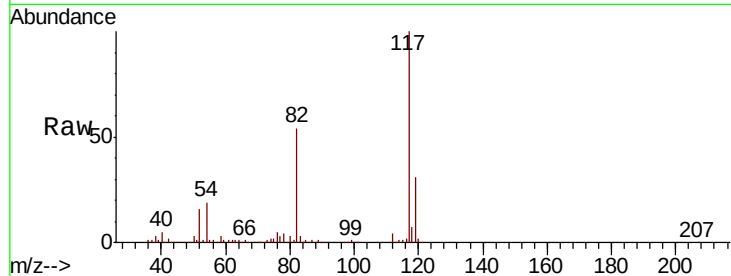
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	724506		
82	54.1		43.3	64.9
119	31.3		25.0	37.6

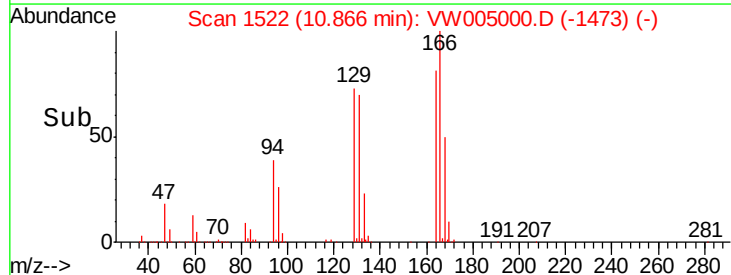
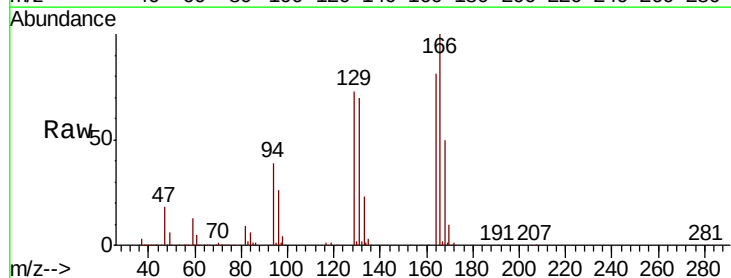
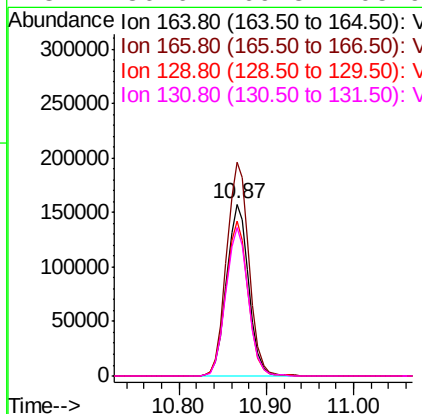
Manual Integrations
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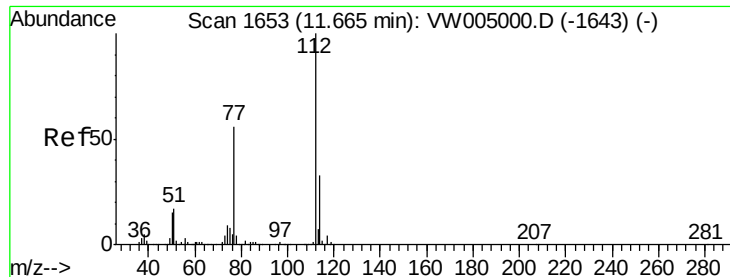
apatel
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#64
Tetrachloroethene
Concen: 52.127 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	275351		
166	124.2		99.4	149.0
129	90.2		72.2	108.2
131	86.6		69.3	103.9





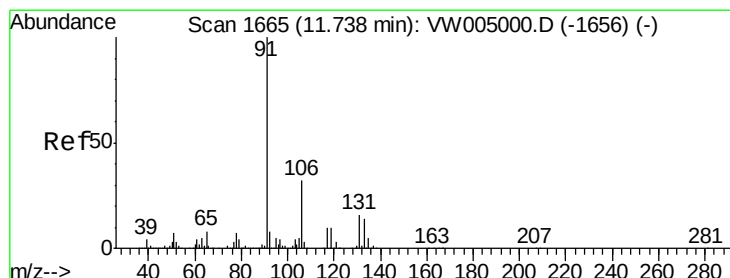
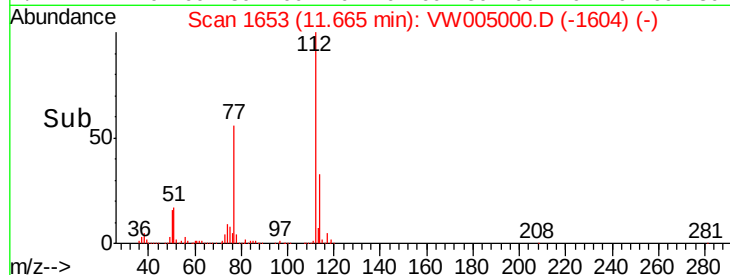
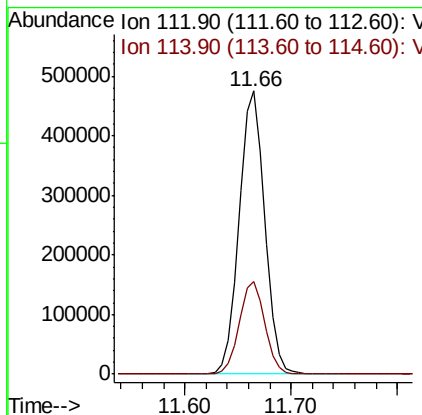
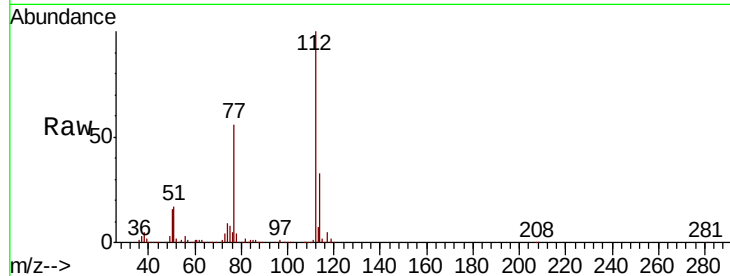
#65
Chlorobenzene
Concen: 50.457 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.1	39.1

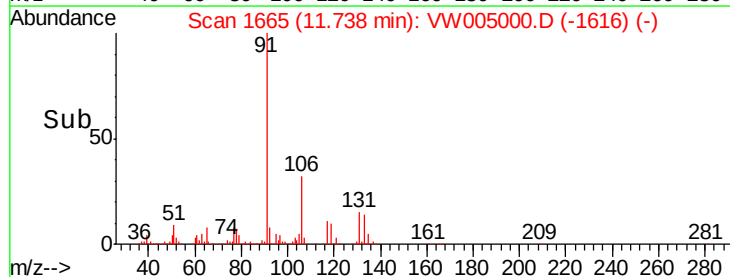
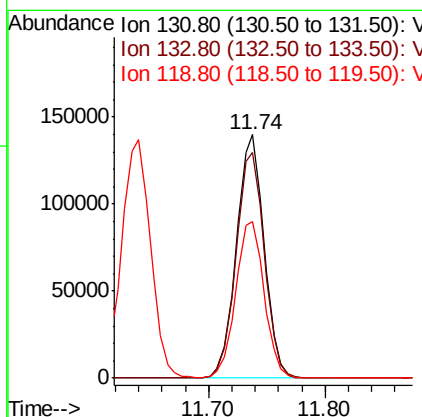
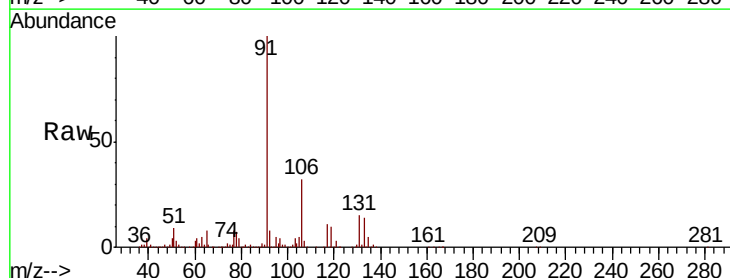
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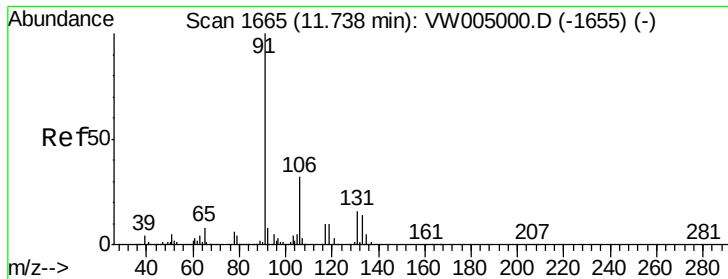
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.946 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.4	142.3
119	66.2	33.1	99.3





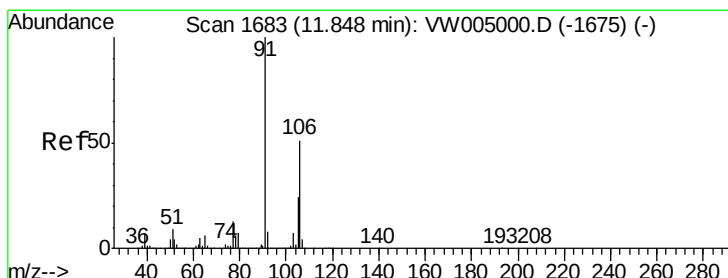
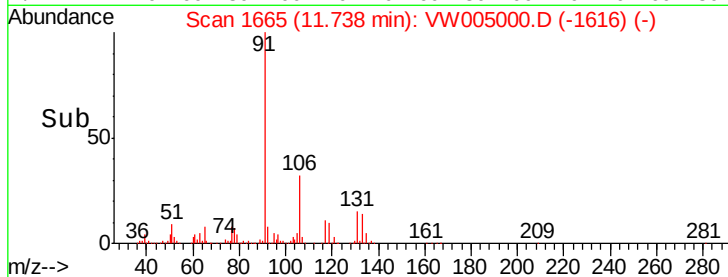
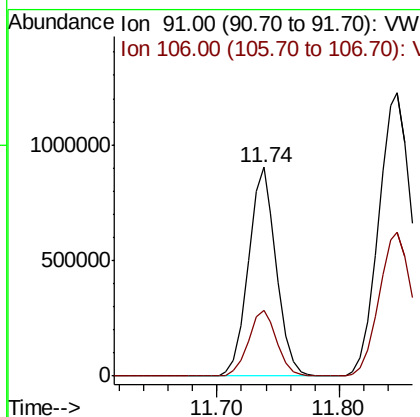
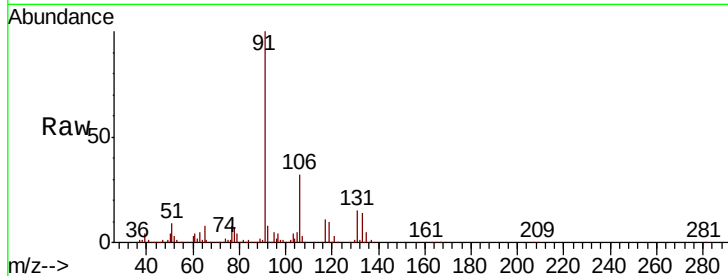
#67
Ethyl Benzene
Concen: 52.231 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1423591
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

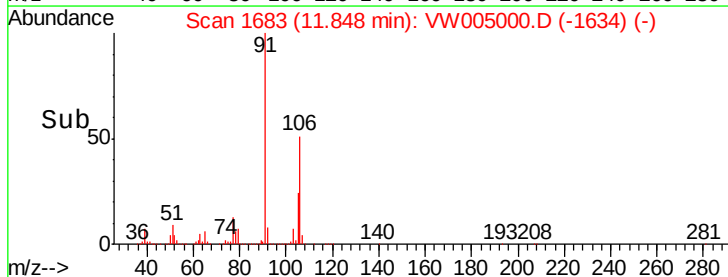
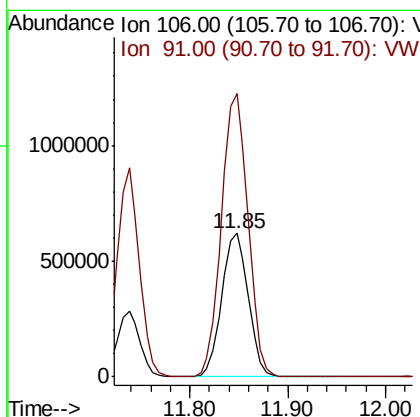
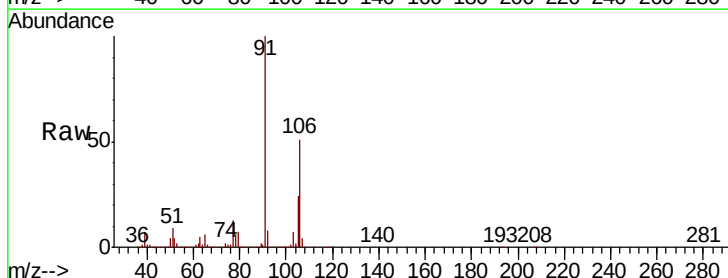
Manual Integrations
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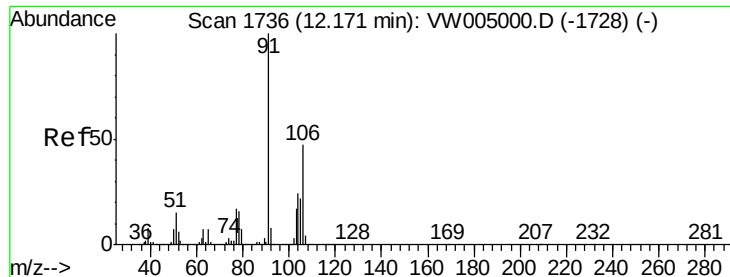
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#68
m/p-Xylenes
Concen: 104.859 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion: 106 Resp: 1165701
Ion Ratio Lower Upper
106 100
91 198.0 158.4 237.6





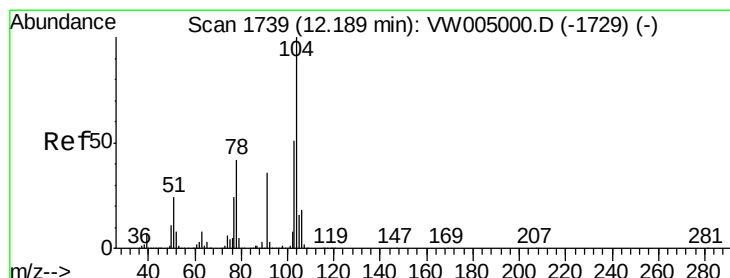
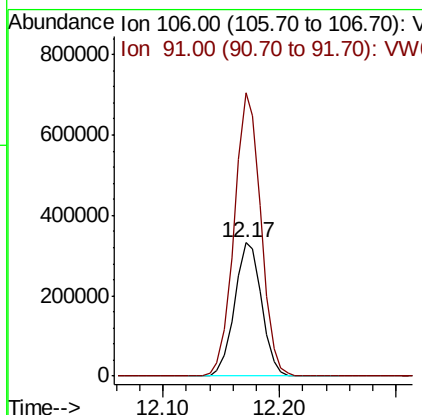
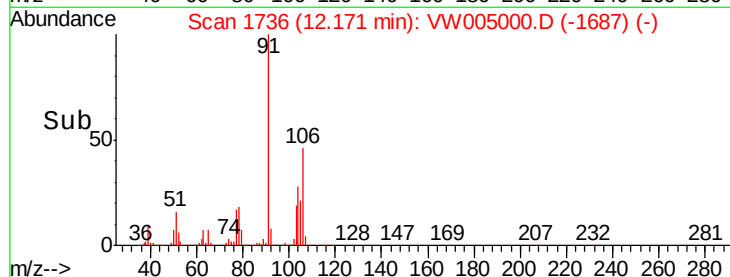
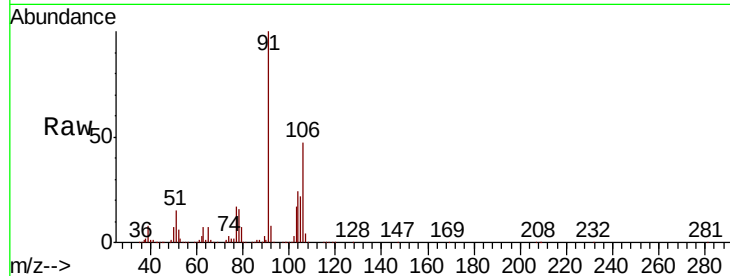
#69
o-Xylene
Concen: 52.913 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	537490		
91	91	208.7		104.4	313.1

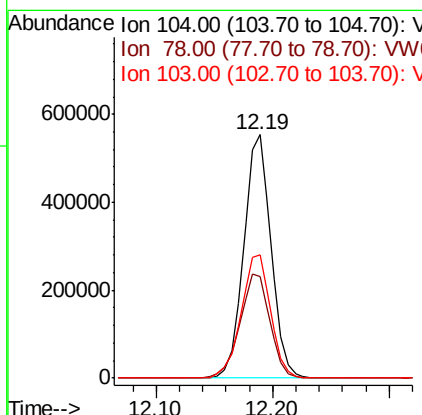
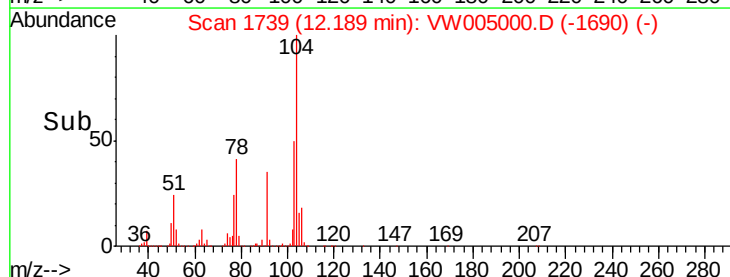
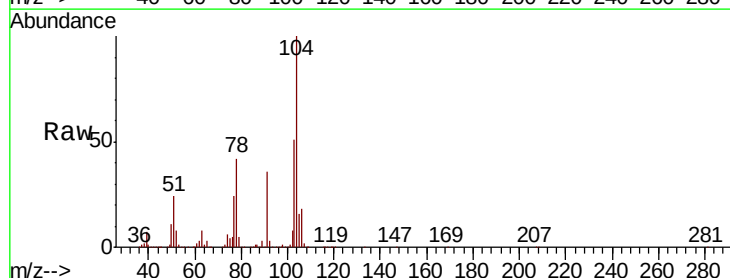
Manual Integrations
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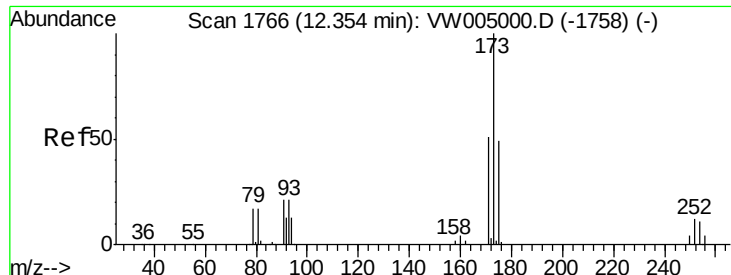
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#70
Styrene
Concen: 53.500 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	901502		
78	78	47.0		37.6	56.4
103	103	54.9		43.9	65.9





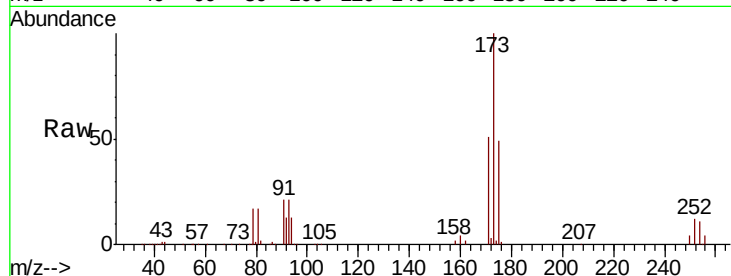
#71
Bromoform
Concen: 52.088 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	73.0
254	0.1	0.1	0.1#

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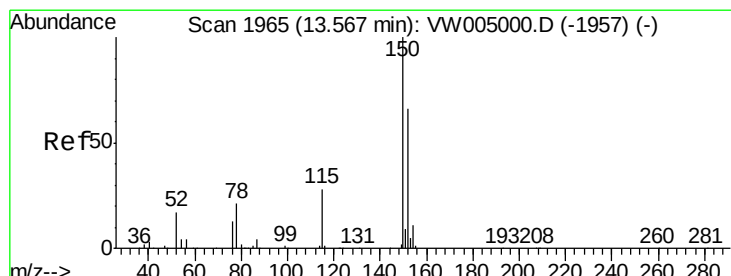
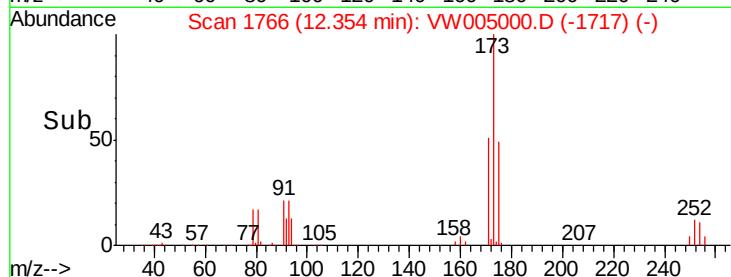
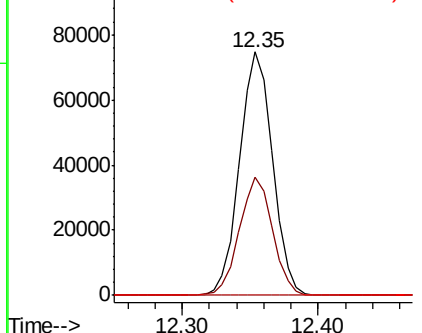


Abundance

Ion 172.70 (172.40 to 173.40): V

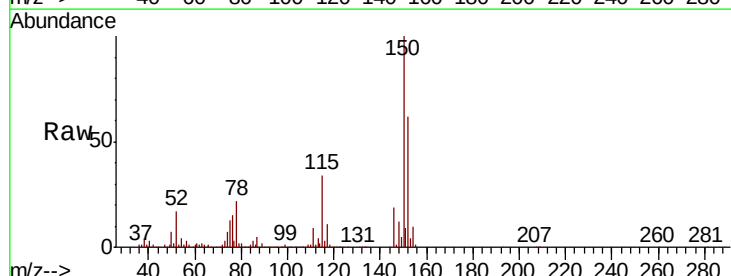
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	83.9
150	173.6	0.0	347.2

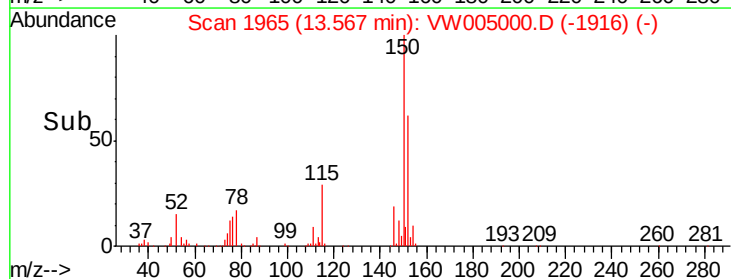
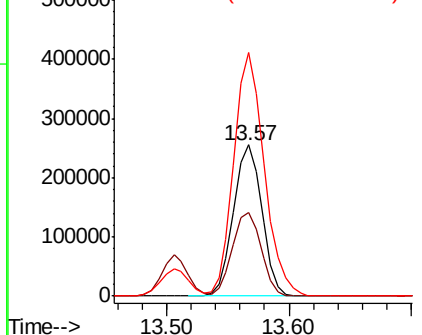


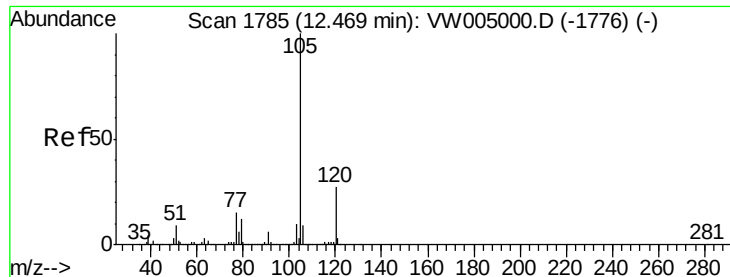
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.036 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 1444753

Ion Ratio Lower Upper

105 100

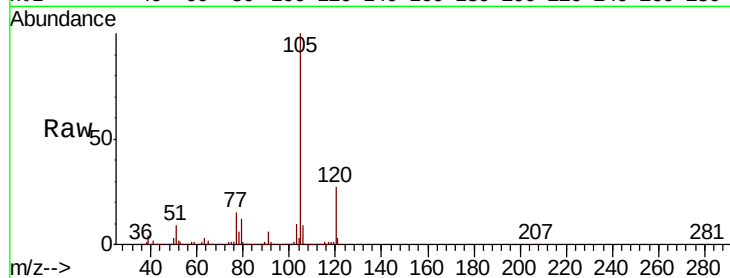
120 26.8 13.4 40.2

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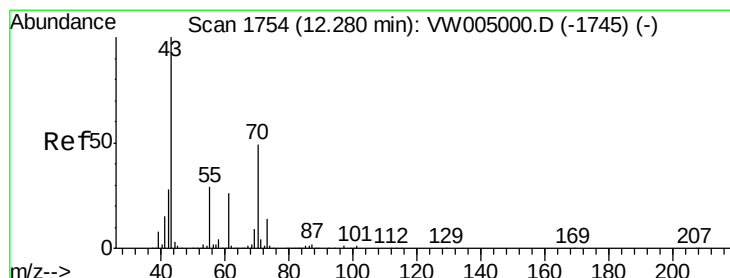
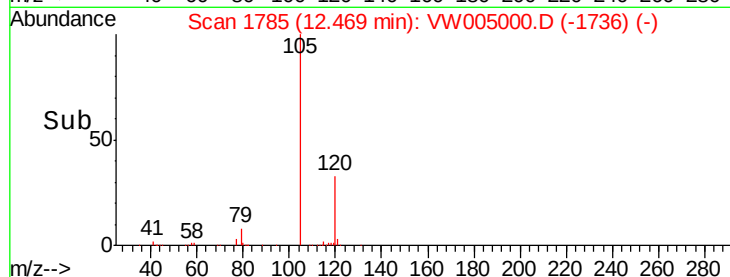
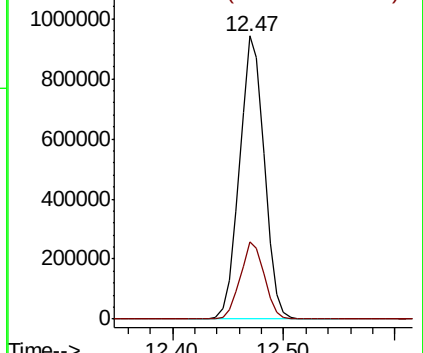
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.909 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion: 43 Resp: 266848

Ion Ratio Lower Upper

43 100

70 48.2 38.6 57.8

55 29.5 23.6 35.4

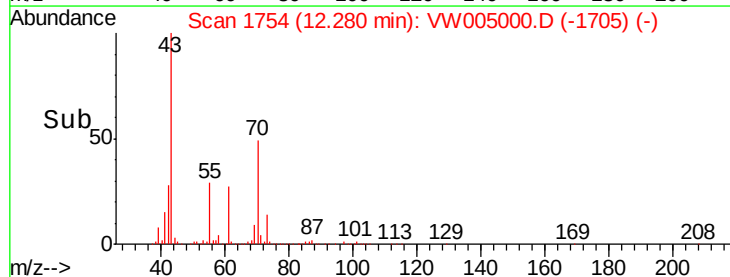
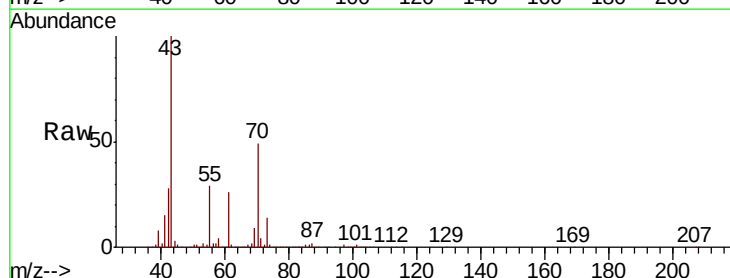
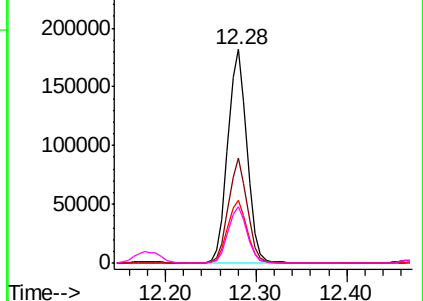
61 26.3 21.0 31.6

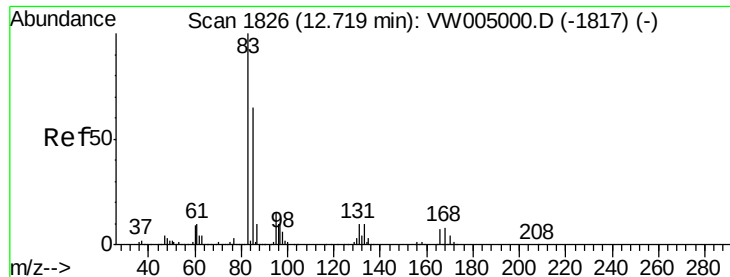
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 51.409 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

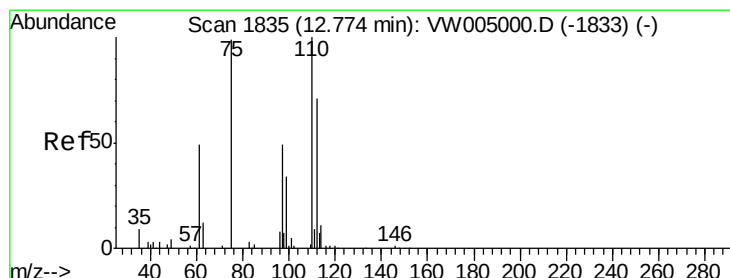
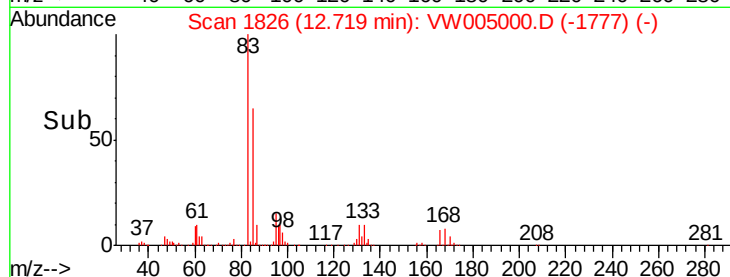
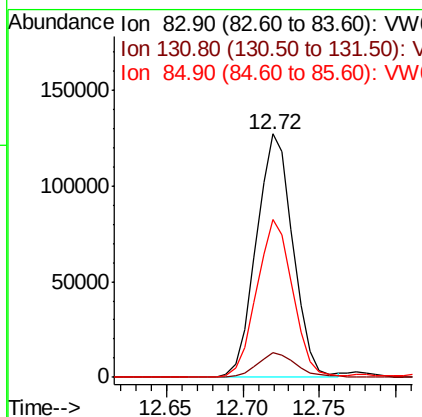
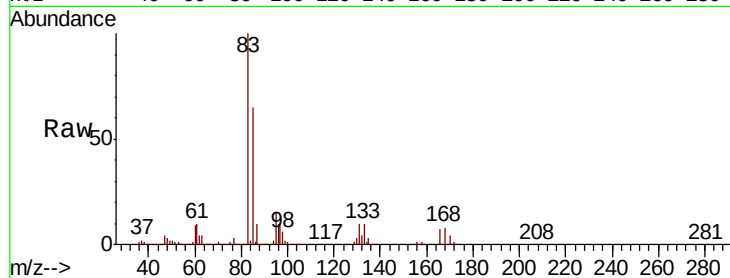
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	212040
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.5
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 28.323 ug/l m

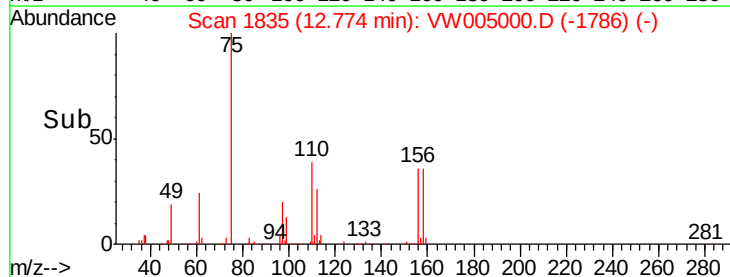
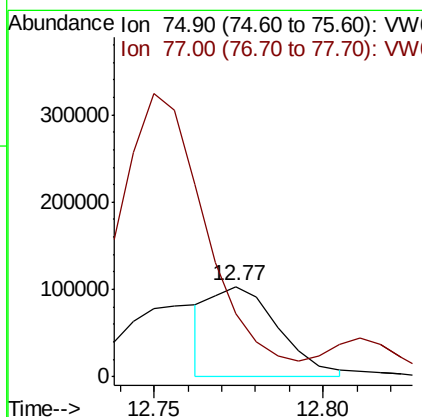
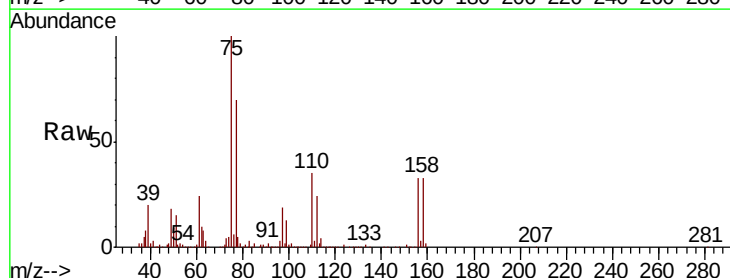
RT: 12.77 min Scan# 1835

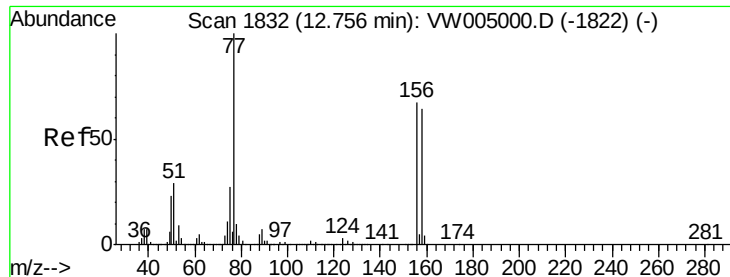
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	75	Resp:	144474
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.119 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

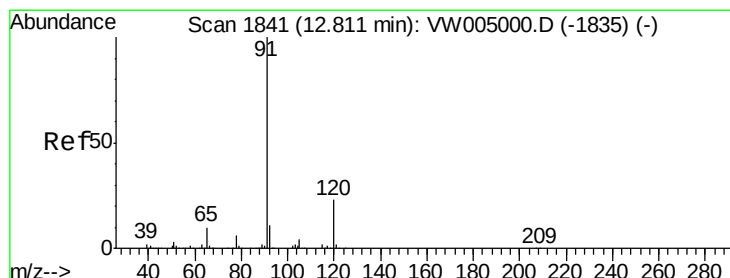
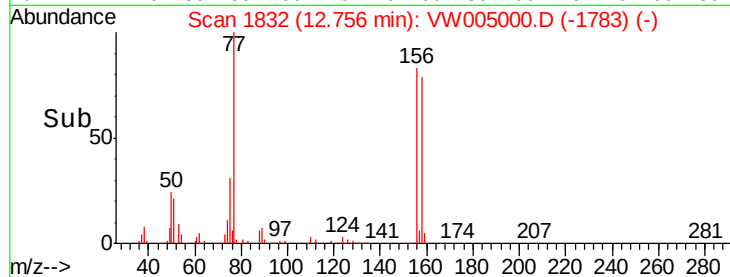
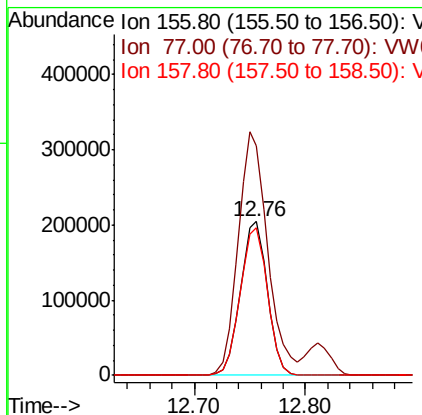
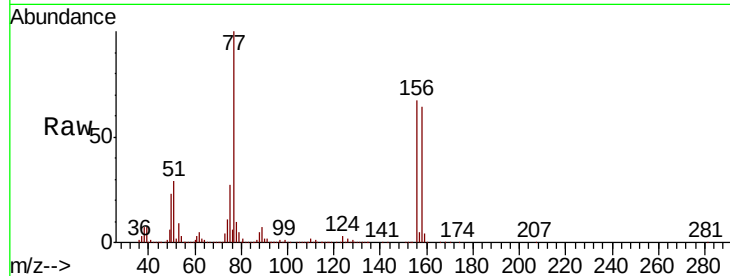
ClientSampled :

VSTDICCC050

Tot Ion:	156	Resp:	341670
Ion Ratio	Lower	Upper	
156	100		
77	173.7	86.9	260.6
158	97.3	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 52.990 ug/l

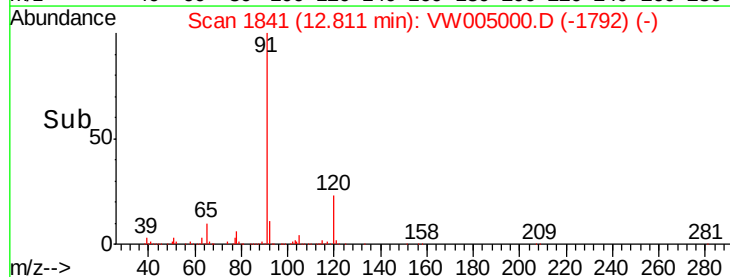
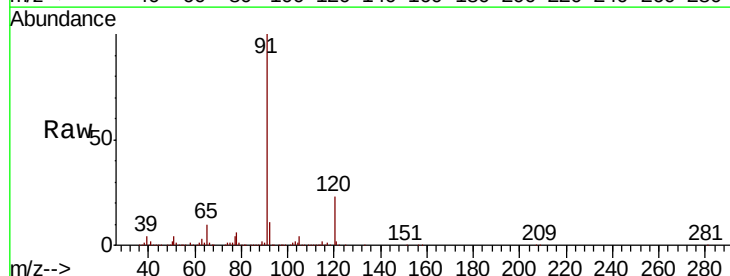
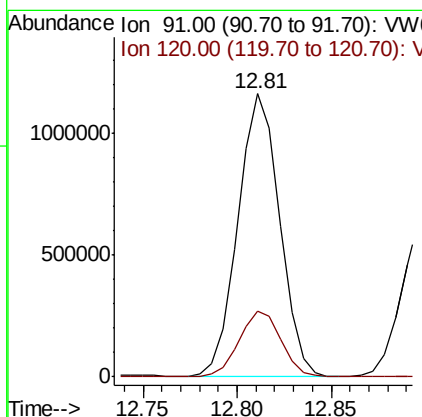
RT: 12.81 min Scan# 1841

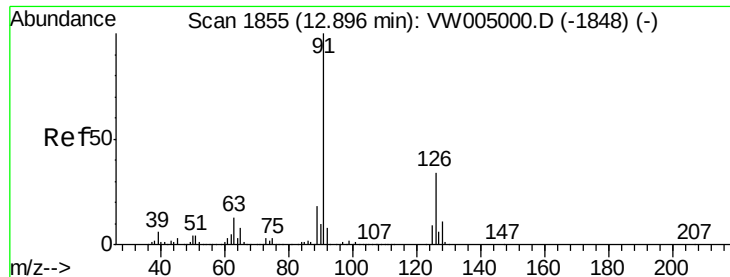
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	91	Resp:	1780552
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.886 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1006963

Ion Ratio Lower Upper

91 100

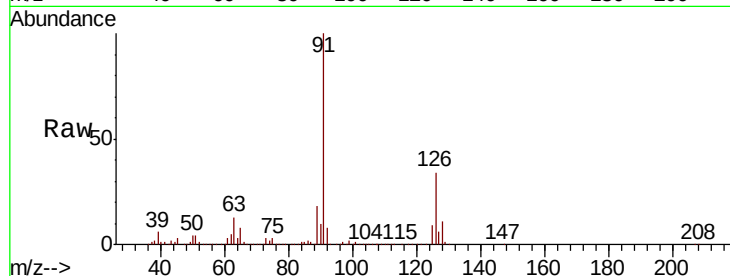
126 34.7 17.3 52.0

Manual Integrations

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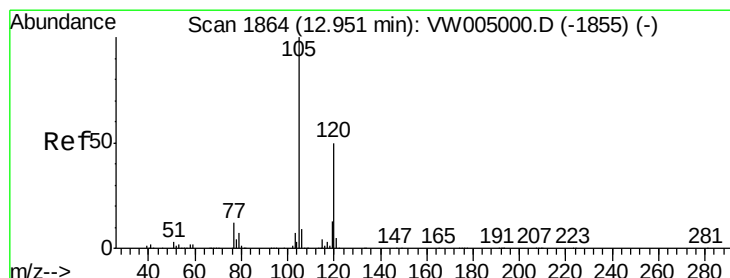
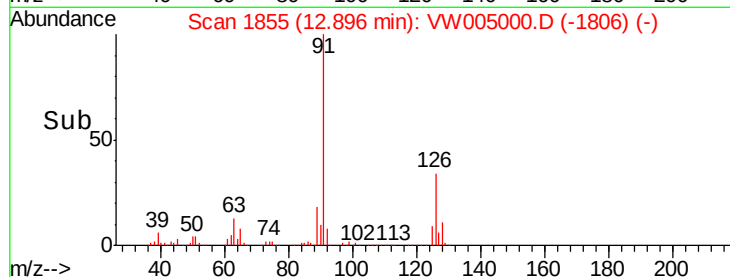
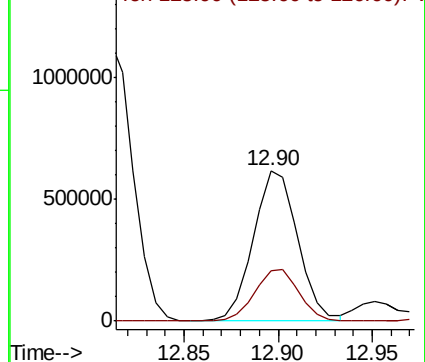
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.026 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005000.D

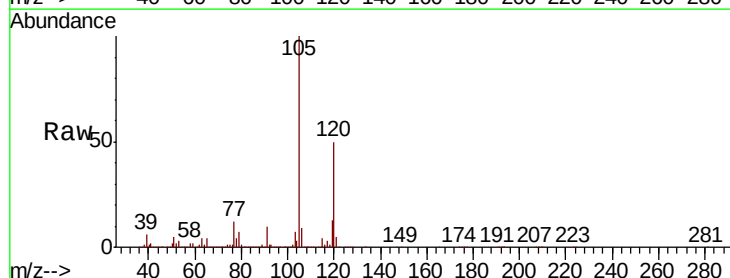
Acq: 29 Aug 2018 13:27

Tgt Ion:105 Resp: 1276219

Ion Ratio Lower Upper

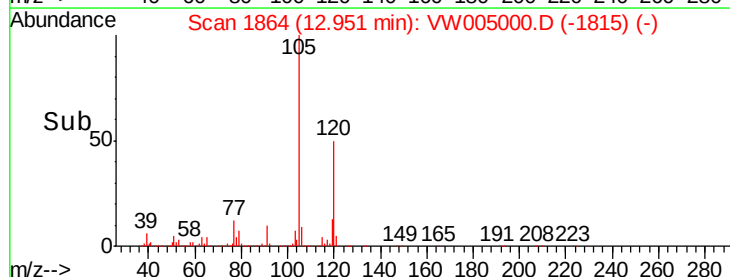
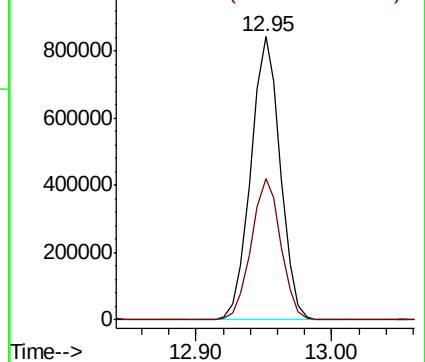
105 100

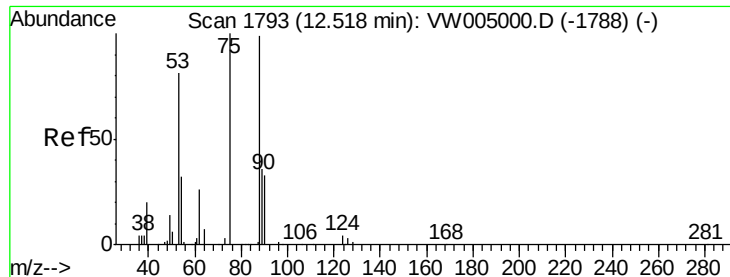
120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.993 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Instrument :

MSVOA_W

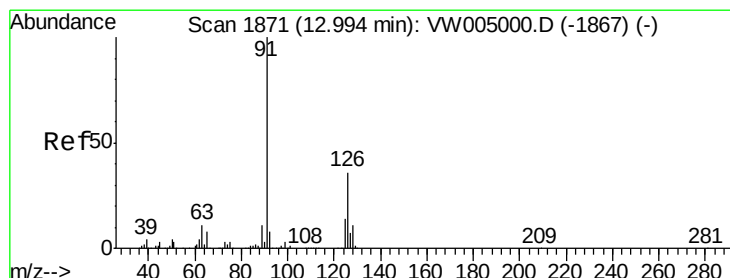
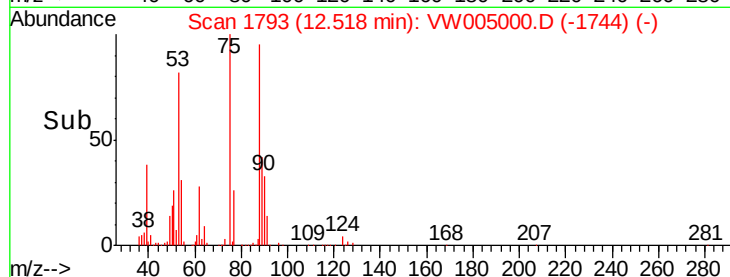
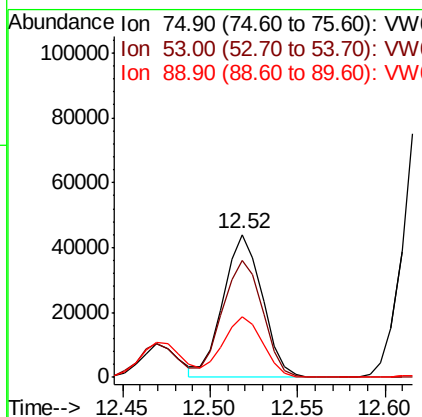
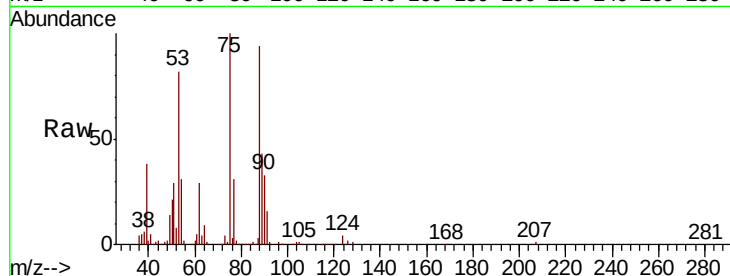
ClientSampled :

VSTDICCC050

Tot Ion:	75	Resp:	67864
Ion	Ratio	Lower	Upper
75	100		
53	84.3	67.4	101.2
89	43.8	35.0	52.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.230 ug/l

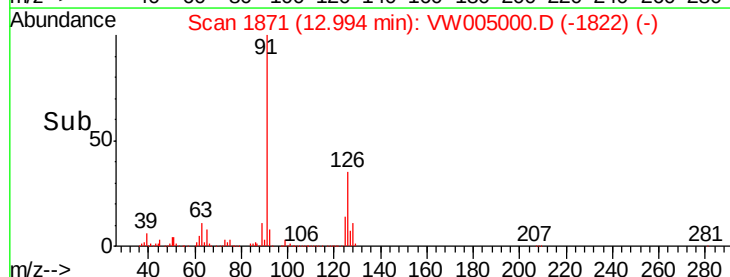
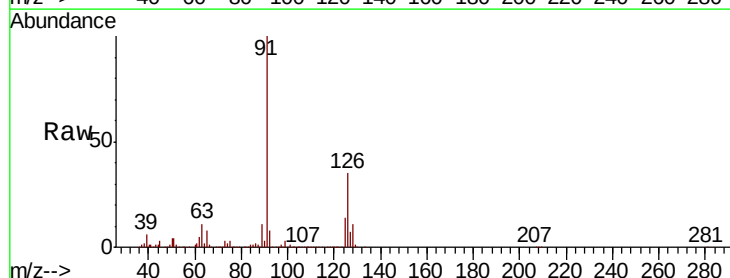
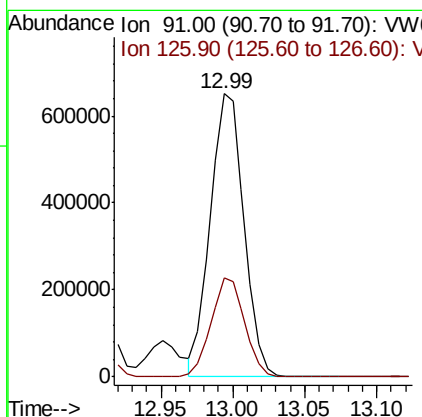
RT: 12.99 min Scan# 1871

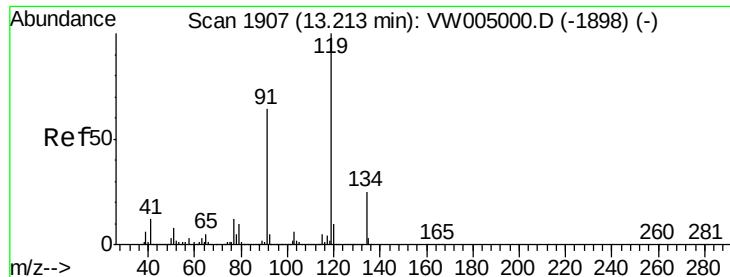
Delta R.T. 0.00 min

Lab File: VW005000.D

Acq: 29 Aug 2018 13:27

Tgt Ion:	91	Resp:	1059304
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.5





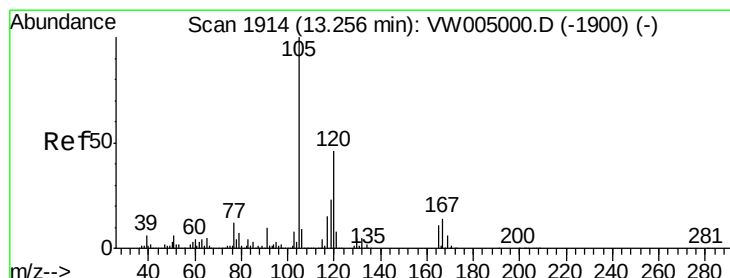
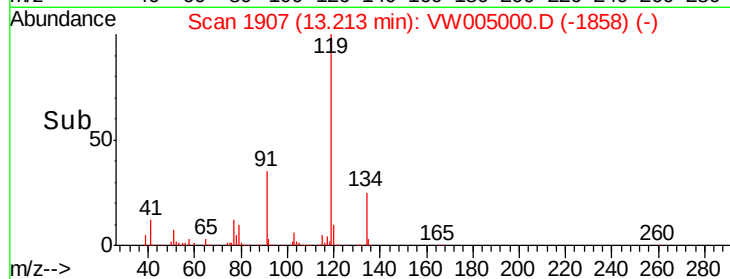
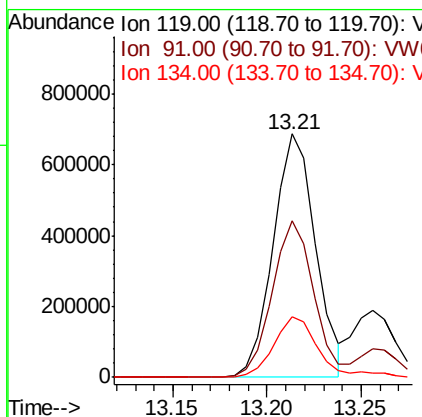
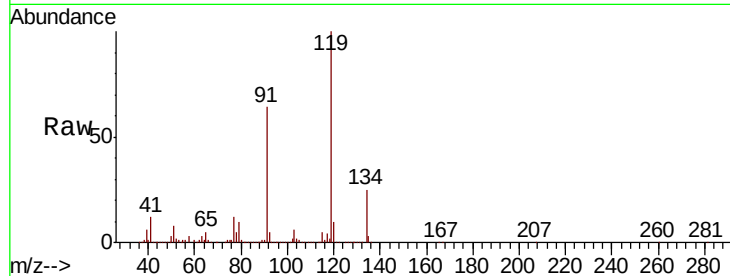
#83
 tert-Butylbenzene
 Concen: 52.950 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.5
134	26.3	13.2	39.5

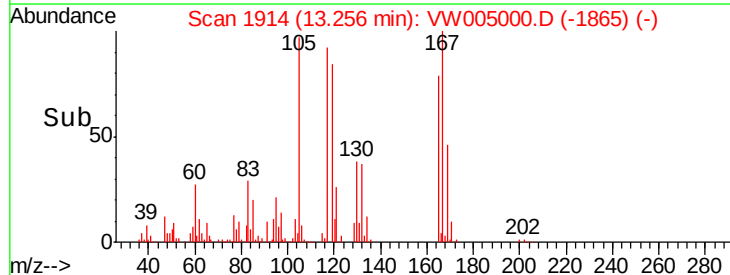
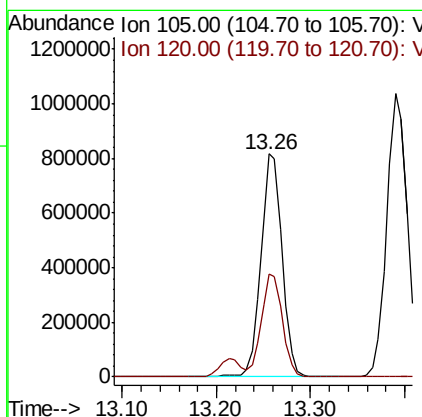
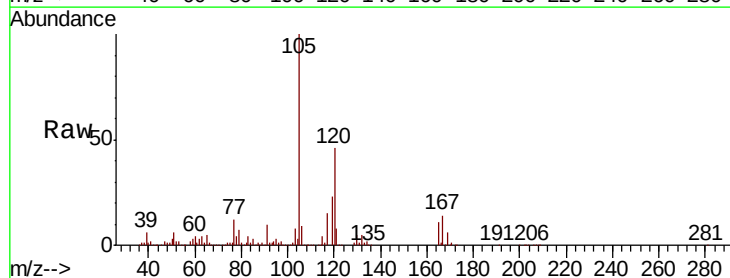
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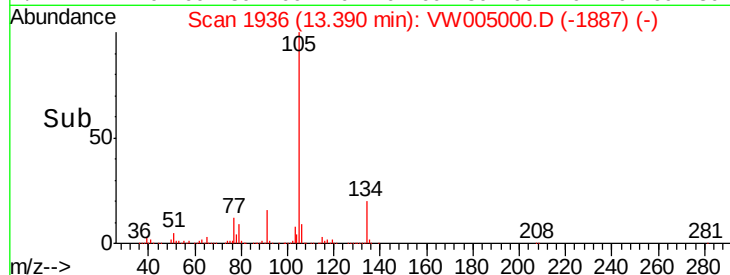
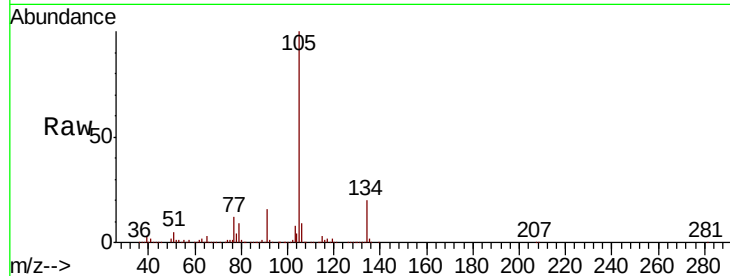
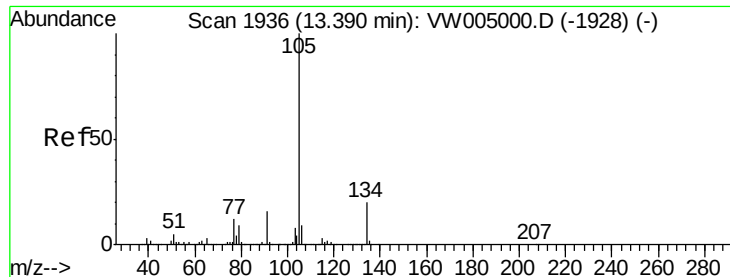
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.983 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.7





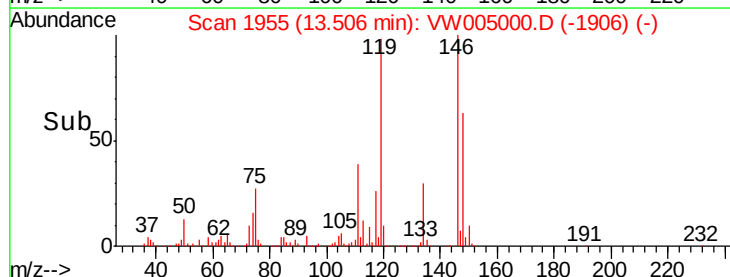
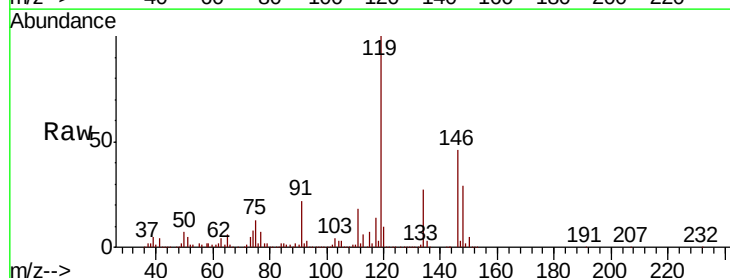
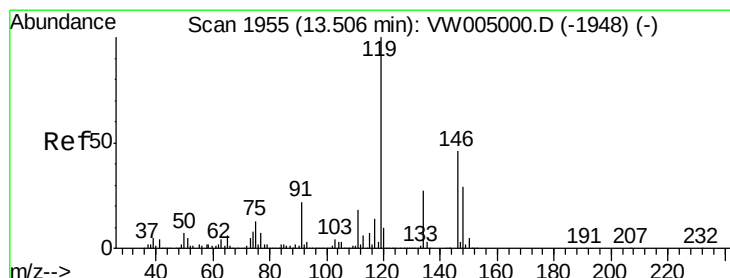
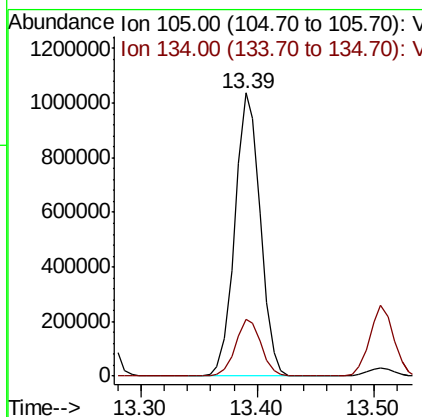
#85
 sec-Butylbenzene
 Concen: 52.961 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tot Ion:105 Resp: 1571561
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

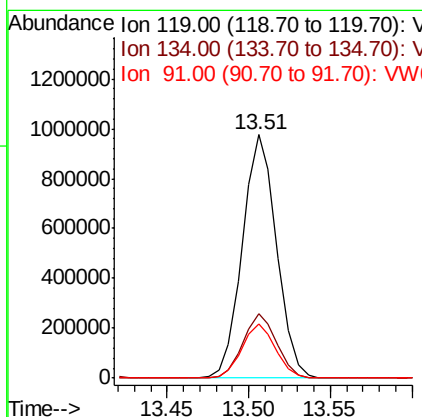
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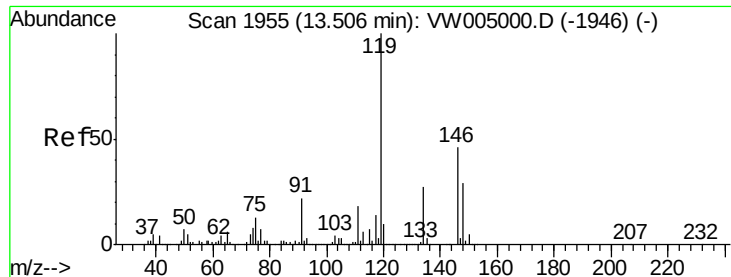
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#86
 p-Isopropyltoluene
 Concen: 53.460 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion:119 Resp: 1421245
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 21.9 10.9 32.9





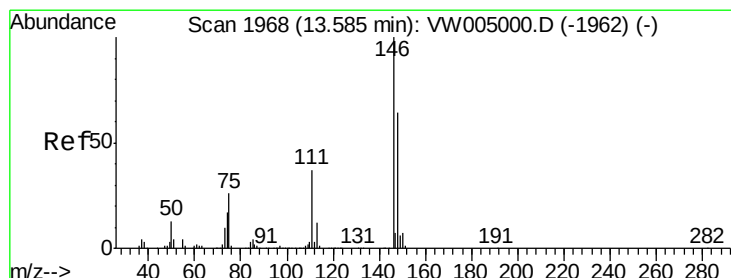
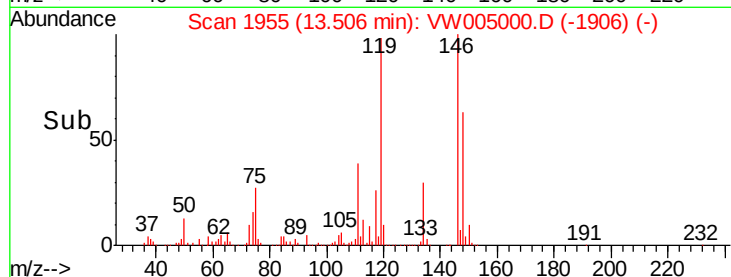
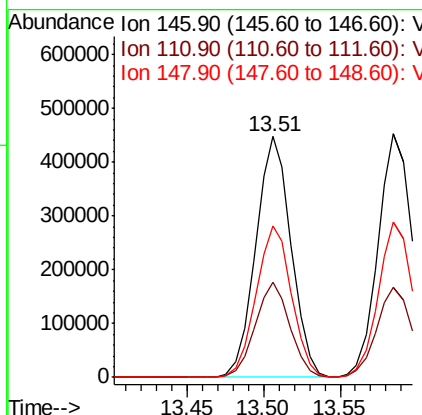
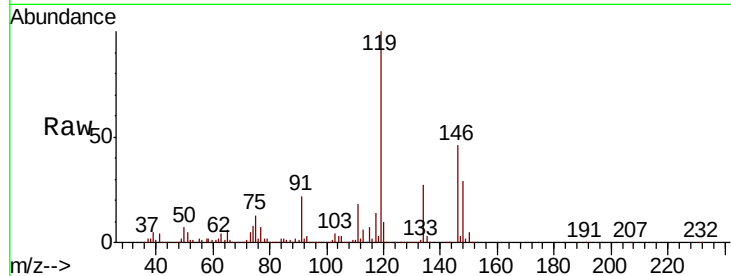
#87
 1,3-Dichlorobenzene
 Concen: 50.705 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.1	31.6	94.7

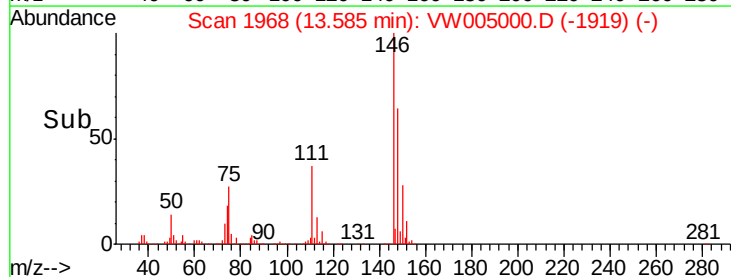
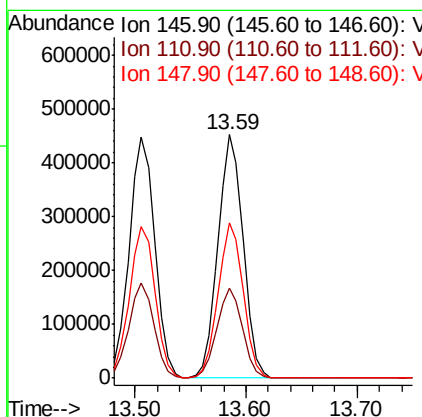
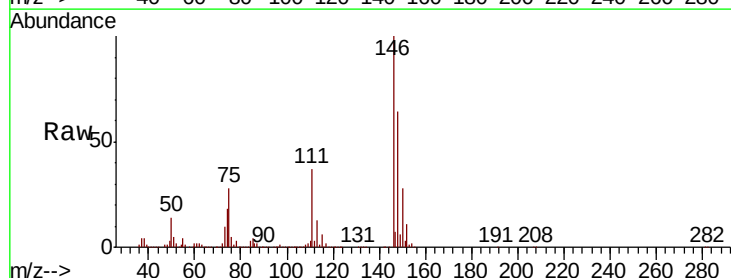
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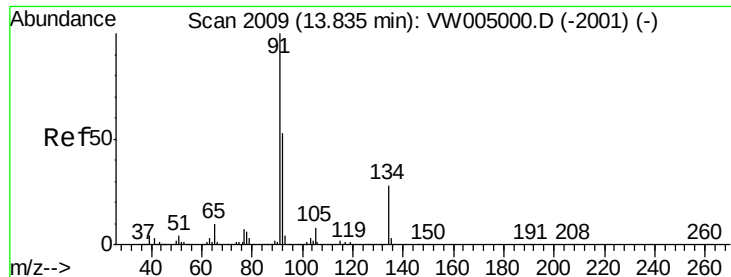
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#88
 1,4-Dichlorobenzene
 Concen: 50.405 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.4	31.7	95.1





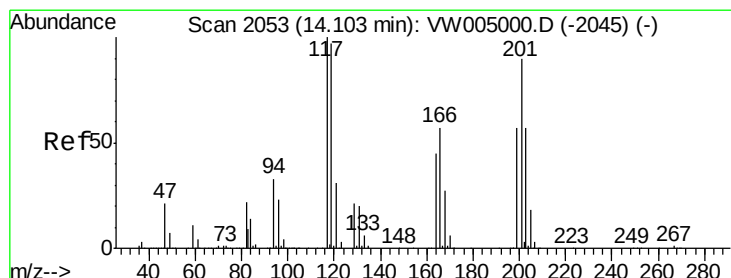
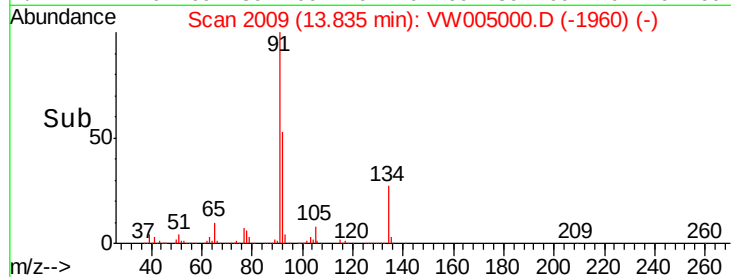
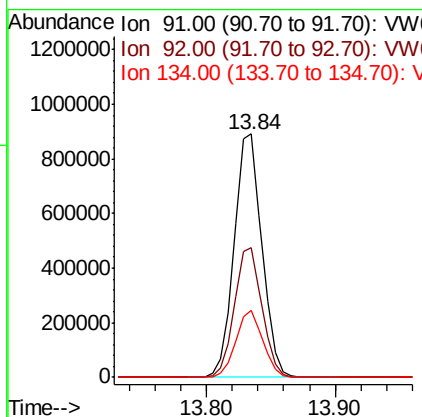
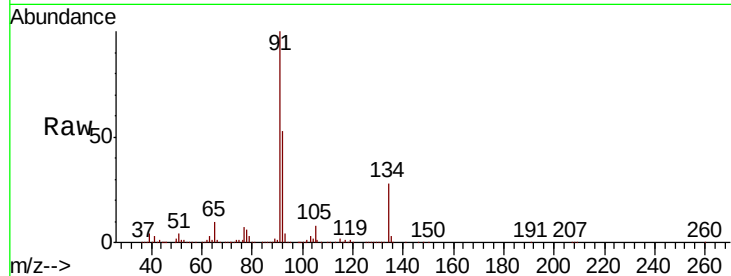
#89
n-Butylbenzene
Concen: 53.333 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.4
134	26.7	13.4	40.1

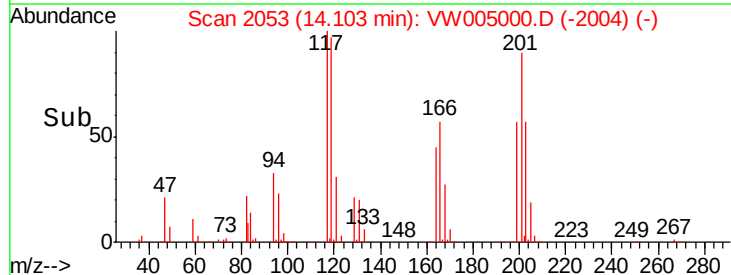
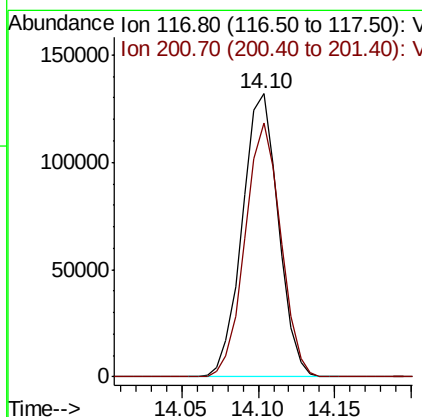
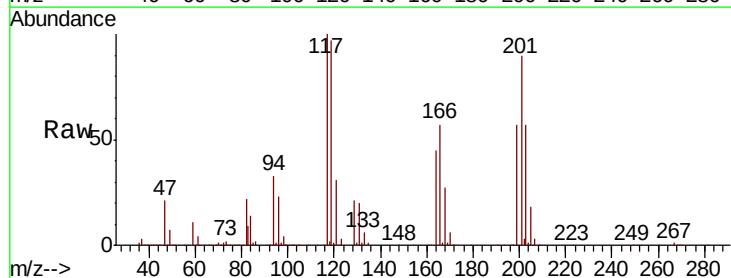
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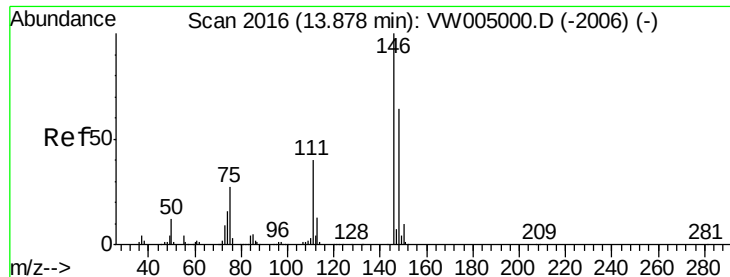
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#90
Hexachloroethane
Concen: 51.900 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.3	132.8





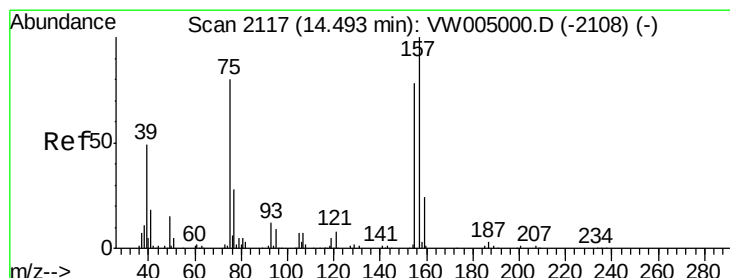
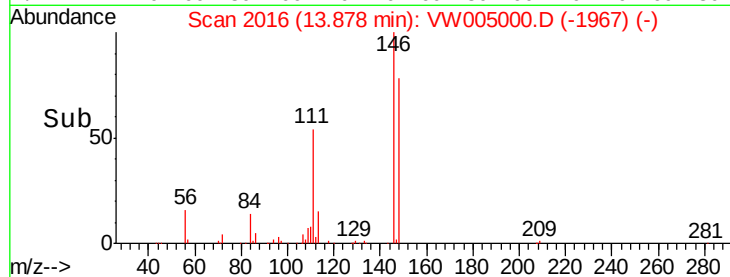
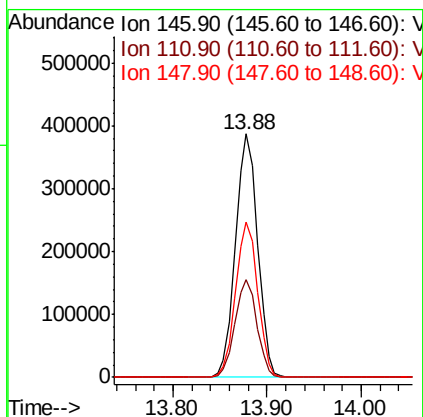
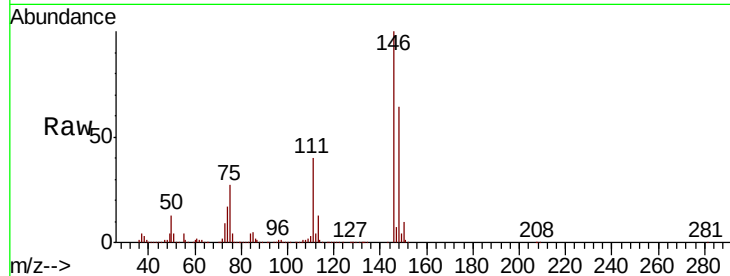
#91
 1,2-Dichlorobenzene
 Concen: 50.651 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	146	Resp:	631764
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.7
148	63.8	31.9	95.7

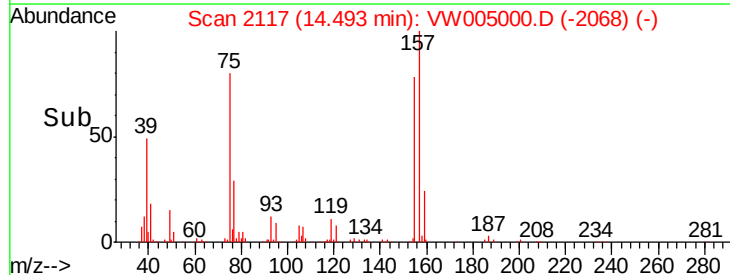
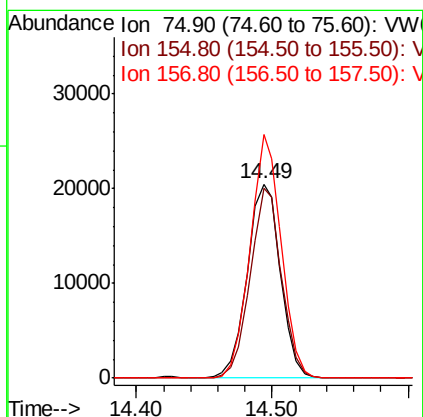
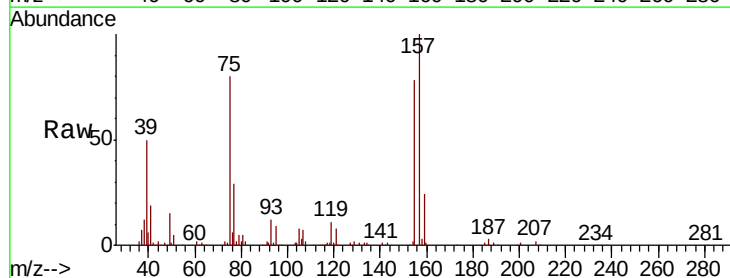
Manual Integrations
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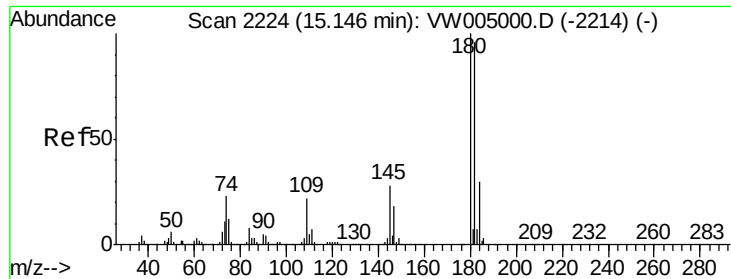
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.168 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion:	75	Resp:	35025
Ion Ratio	Lower	Upper	
75	100		
155	92.1	46.1	138.2
157	117.4	58.7	176.1





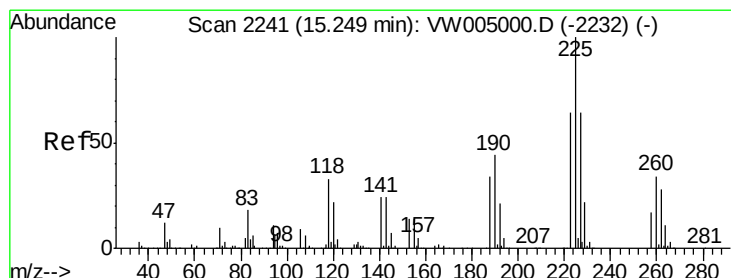
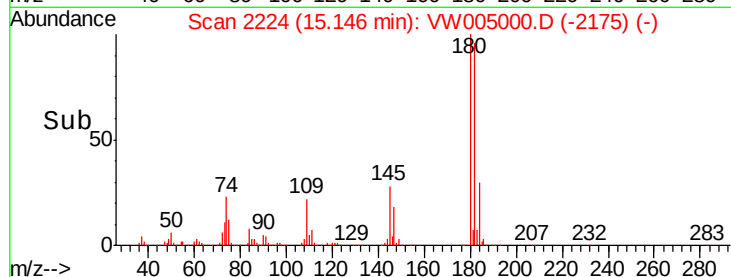
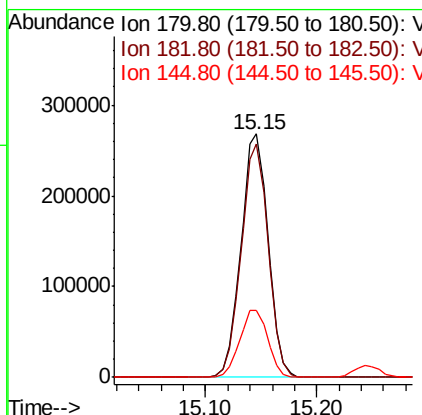
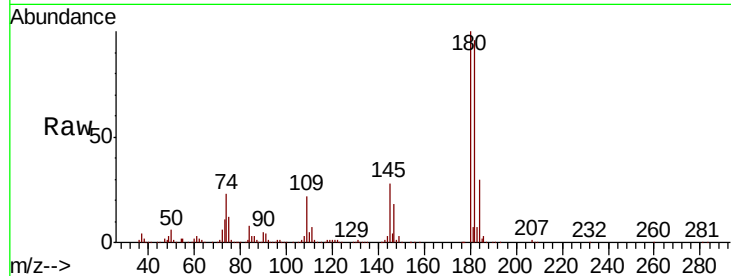
#93
 1,2,4-Trichlorobenzene
 Concen: 51.778 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.6	142.8	
145	28.6	14.3	42.9	

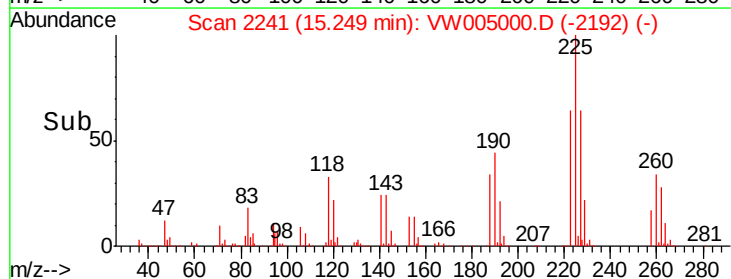
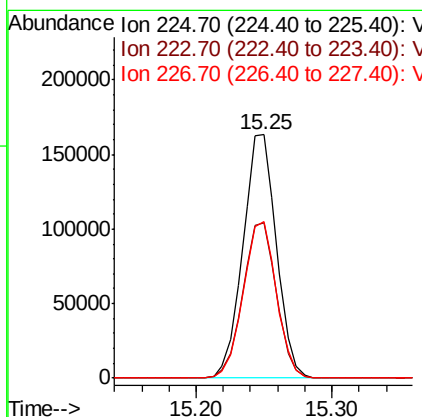
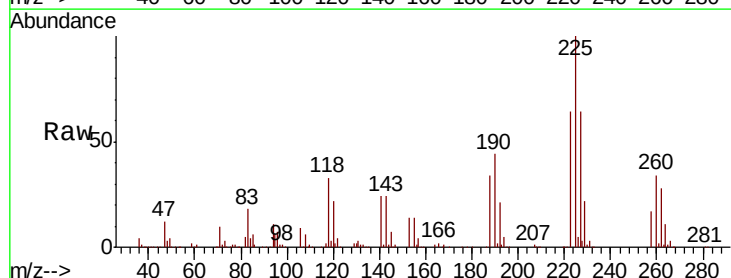
Manual Integrations
 APPROVED

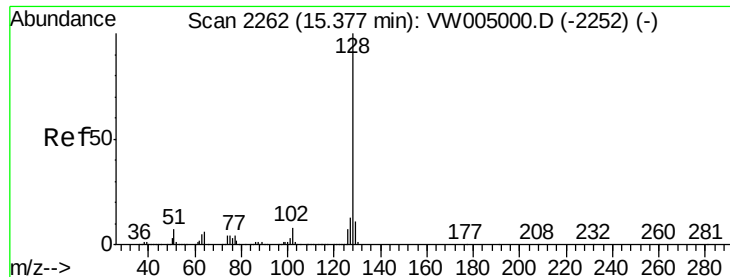
apatel
 8/30/2018 12:43:35 PM



#94
 Hexachlorobutadiene
 Concen: 51.343 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW005000.D
 Acq: 29 Aug 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	32.0	96.0	
227	63.8	31.9	95.7	





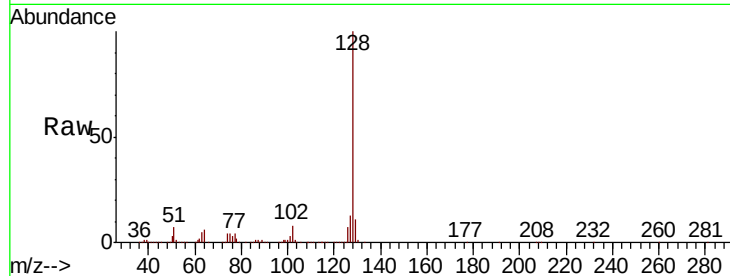
#95
Naphthalene
Concen: 52.873 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

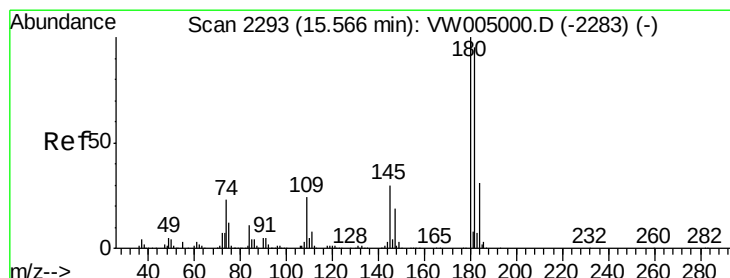
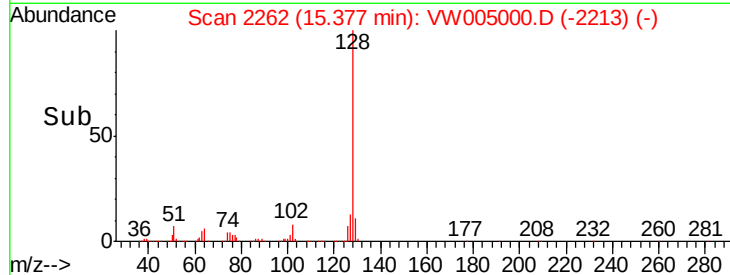
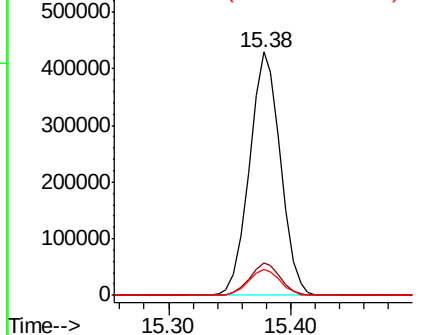
Tot Ion:	128	Resp:	757984
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
8/30/2018 12:43:35 PM

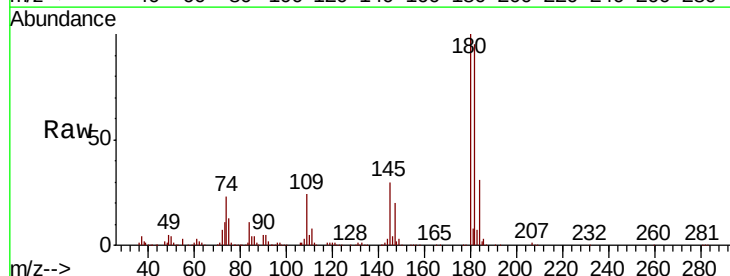


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.304 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005000.D
Acq: 29 Aug 2018 13:27

Tgt Ion:	180	Resp:	396040
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.8
145	30.2	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

