

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080618\
 Data File : VW004482.D
 Acq On : 06 Aug 2018 20:53
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 07 07:58:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	768105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1215768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1109260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	574726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1250882	159.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.30%	
35) Dibromofluoromethane	7.88	113	1188393	153.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.64%	
50) Toluene-d8	10.33	98	4618394	151.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.40%	
62) 4-Bromofluorobenzene	12.62	95	1697181	156.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	737721	236.988	ug/l	100
3) Chloromethane	2.22	50	1209579	246.283	ug/l	98
4) Vinyl Chloride	2.37	62	1475756	185.628	ug/l	98
5) Bromomethane	2.78	94	888529	173.746	ug/l	98
6) Chloroethane	2.92	64	917032	184.612	ug/l	97
7) Trichlorofluoromethane	3.25	101	597928	136.323	ug/l	97
8) Diethyl Ether	3.67	74	681172	164.822	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	1194742	153.000	ug/l	100
10) Methyl Iodide	4.27	142	1873936	161.151	ug/l	100
11) Tert butyl alcohol	5.22	59	363674	645.794	ug/l	97
12) 1,1-Dichloroethene	4.03	96	1235484	159.108	ug/l	99
13) Acrolein	3.89	56	430323	829.095	ug/l	99
14) Allyl chloride	4.66	41	1934903	157.297	ug/l	99
15) Acrylonitrile	5.37	53	1582070	878.266	ug/l	99
16) Acetone	4.14	43	1416068	791.813	ug/l	98
17) Carbon Disulfide	4.38	76	3984848	165.864	ug/l	99
18) Methyl Acetate	4.67	43	769749	164.637	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1759073	131.757	ug/l	96
20) Methylene Chloride	4.92	84	1386328	160.426	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	1326190	159.010	ug/l	100
22) Diisopropyl ether	6.31	45	3961716	167.904	ug/l	99
23) Vinyl Acetate	6.26	43	12463473	902.528	ug/l	99
24) 1,1-Dichloroethane	6.21	63	2404598	157.706	ug/l	99
25) 2-Butanone	7.18	43	2557914	1100.336	ug/l	99
26) 2,2-Dichloropropane	7.17	77	1160706	134.765	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	1476835	172.995	ug/l	99
28) Bromochloromethane	7.51	49	1052441	189.740	ug/l	100
29) Tetrahydrofuran	7.54	42	1368040	957.075	ug/l	100
30) Chloroform	7.68	83	2321435	159.753	ug/l	99
31) Cyclohexane	7.96	56	2293549	169.491	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1754304	149.151	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1903905	154.773	ug/l	100
37) Ethyl Acetate	7.26	43	912579	178.963	ug/l	99
38) Carbon Tetrachloride	8.07	117	1694455	141.190	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	2536080	169.673	ug/l	99
40) Benzene	8.32	78	5559318	159.924	ug/l	100
41) Methacrylonitrile	7.49	41	528163	181.009	ug/l	99
42) 1,2-Dichloroethane	8.40	62	1509981	152.756	ug/l	100
43) Isopropyl Acetate	8.43	43	1734510	189.432	ug/l	99
44) Trichloroethene	9.09	130	1387484	149.452	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1421136	164.692	ug/l	98
46) Dibromomethane	9.46	93	707808	160.232	ug/l	99
47) Bromodichloromethane	9.65	83	1719804	155.500	ug/l	99
48) Methyl methacrylate	9.44	41	829269	179.269	ug/l	99
49) 1,4-Dioxane	9.48	88	234101	3487.352	ug/l #	94
51) 4-Methyl-2-Pentanone	10.22	43	5764962	1081.309	ug/l	99
52) Toluene	10.39	92	3336379	153.952	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	1807943	163.224	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	2105725	162.943	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	998852	159.216	ug/l	100
56) Ethyl methacrylate	10.65	69	1423733	186.701	ug/l	100
57) 1,3-Dichloropropane	10.94	76	1761635	164.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	3392575	972.038	ug/l	99
59) 2-Hexanone	10.98	43	3910674	1071.799	ug/l	99
60) Dibromochloromethane	11.13	129	1136733	152.615	ug/l	100
61) 1,2-Dibromoethane	11.24	107	953235	159.046	ug/l	100
64) Tetrachloroethene	10.87	164	1167983	144.710	ug/l	97
65) Chlorobenzene	11.66	112	3607458	154.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	1270713	154.047	ug/l	99
67) Ethyl Benzene	11.74	91	6456732	157.911	ug/l	98
68) m/p-Xylenes	11.85	106	4911184	313.005	ug/l	98
69) o-Xylene	12.17	106	2388428	164.614	ug/l	100
70) Styrene	12.19	104	3995109	162.353	ug/l	99
71) Bromoform	12.35	173	707833	153.469	ug/l	99
73) Isopropylbenzene	12.47	105	6431923	160.437	ug/l	100
74) N-amyl acetate	12.28	43	1674238	190.113	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	1231316	171.364	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	1619113	311.739	ug/l #	100
77) Bromobenzene	12.76	156	1476019	153.024	ug/l	100
78) n-propylbenzene	12.81	91	7685152	157.688	ug/l	99
79) 2-Chlorotoluene	12.90	91	4392203	157.281	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	5361168	155.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	413009	180.345	ug/l	96
82) 4-Chlorotoluene	12.99	91	4499965	151.445	ug/l	98
83) tert-Butylbenzene	13.21	119	4683732	163.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	5537356	156.934	ug/l	99
85) sec-Butylbenzene	13.39	105	6815909	162.353	ug/l	100
86) p-Isopropyltoluene	13.51	119	5964032	158.660	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2968749	152.912	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2889481	149.240	ug/l	99
89) n-Butylbenzene	13.83	91	5877488	165.877	ug/l	99
90) Hexachloroethane	14.10	117	1101495	163.895	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	2680321	153.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	209990	168.801	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:40:37 2018
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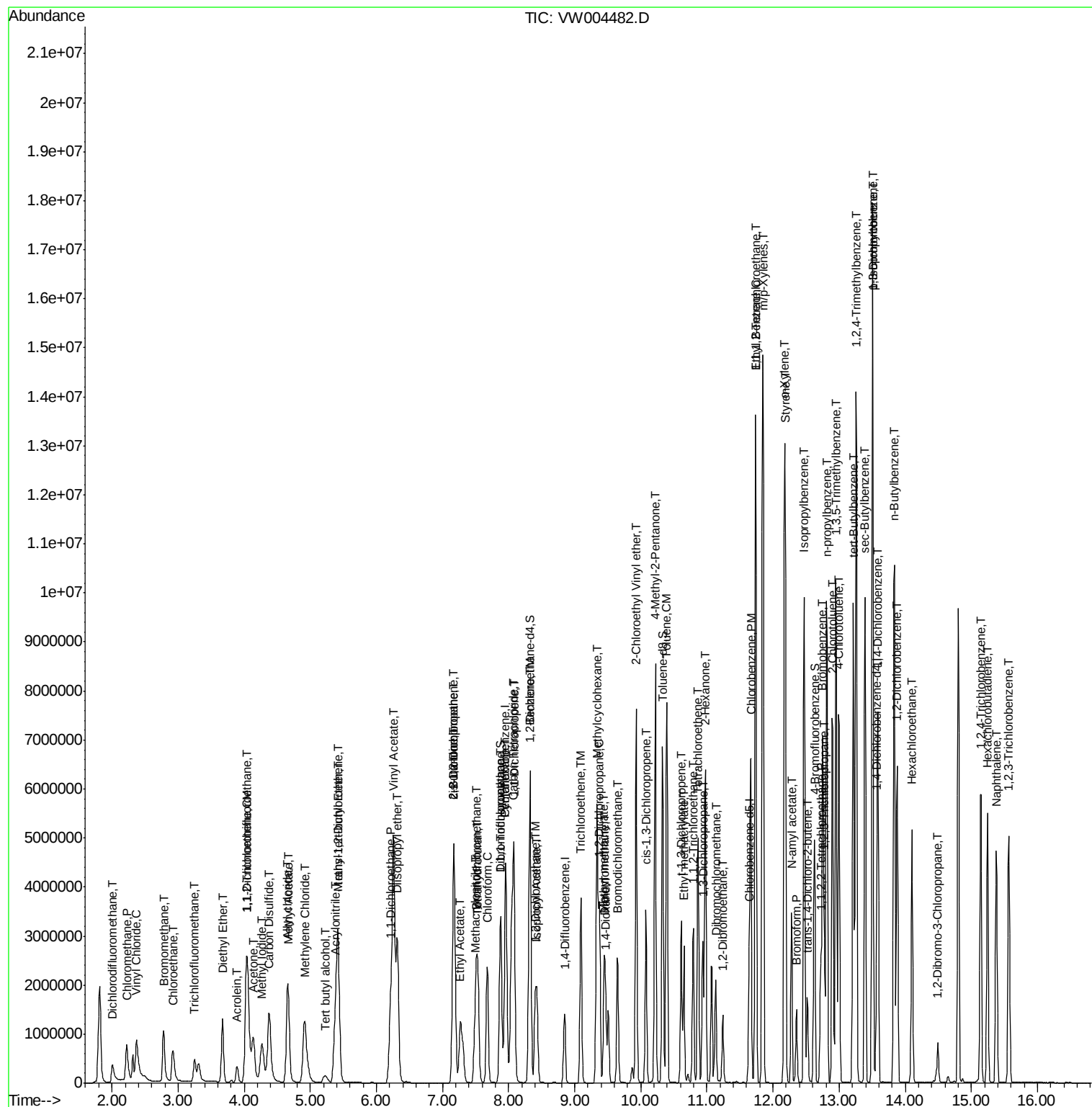
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	2002670	164.053	ug/l	99
94) Hexachlorobutadiene	15.24	225	1110282	149.619	ug/l	100
95) Naphthalene	15.38	128	4033794	188.595	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1783470	165.788	ug/l	99

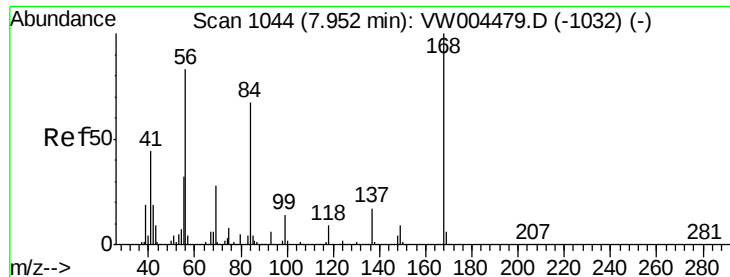
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Instrument :
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 Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

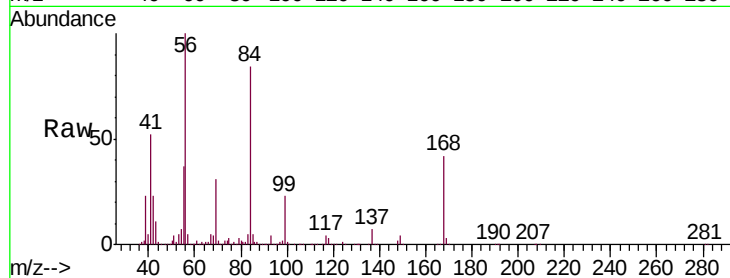
VSTDIC150

Tgt Ion:168 Resp: 768105

Ion Ratio Lower Upper

168 100

99 55.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

500000

400000

300000

200000

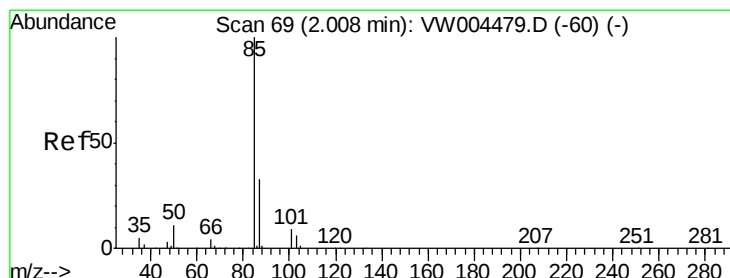
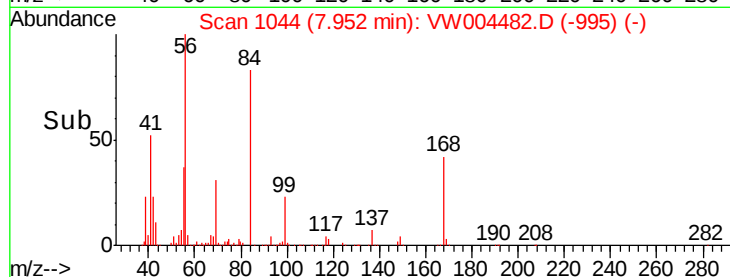
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 236.988 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004482.D

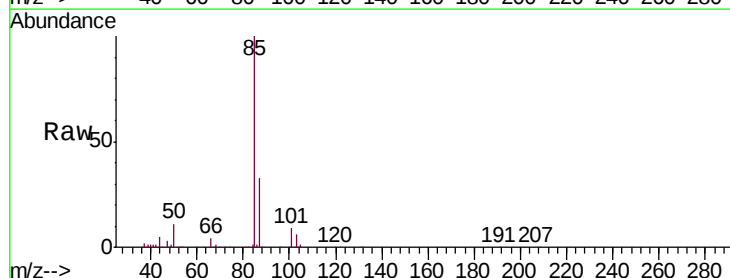
Acq: 06 Aug 2018 20:53

Tgt Ion: 85 Resp: 737721

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

100000

50000

0

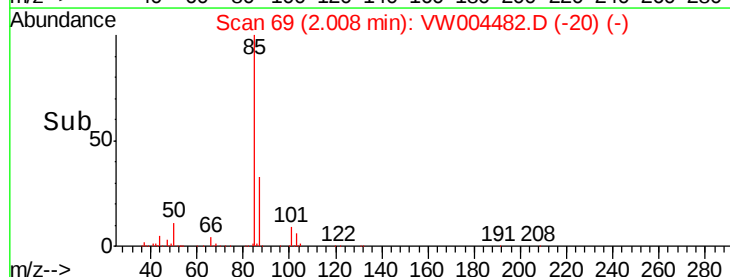
1.90

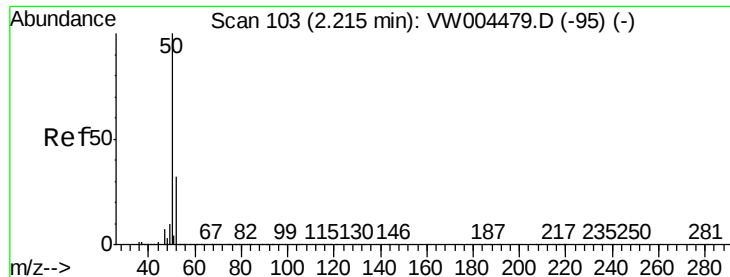
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 246.283 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

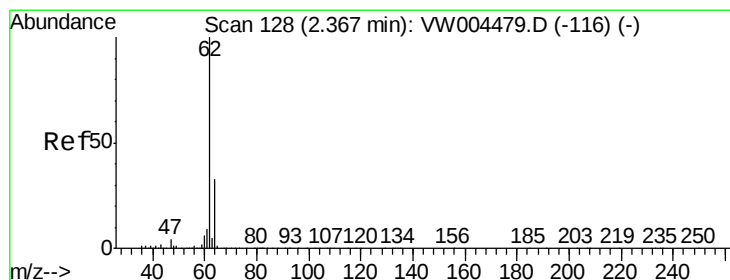
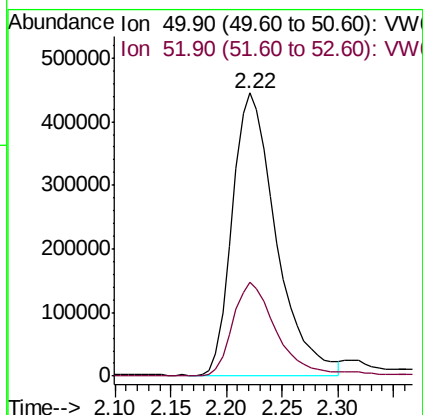
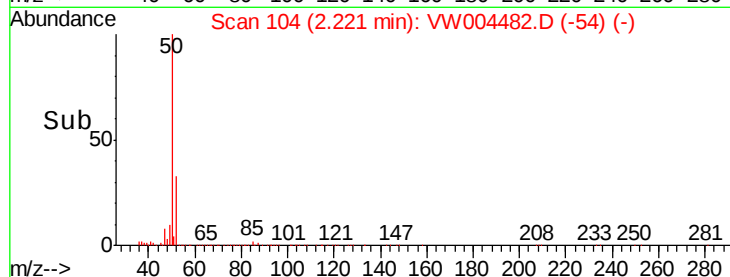
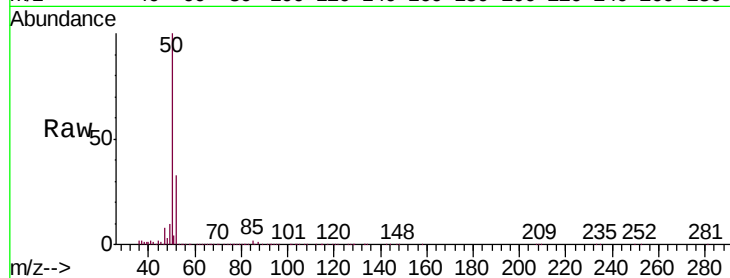
VSTDIC150

Tgt Ion: 50 Resp: 1209579

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



#4

Vinyl Chloride

Concen: 185.628 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004482.D

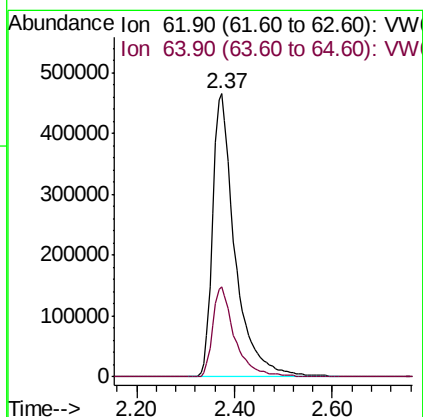
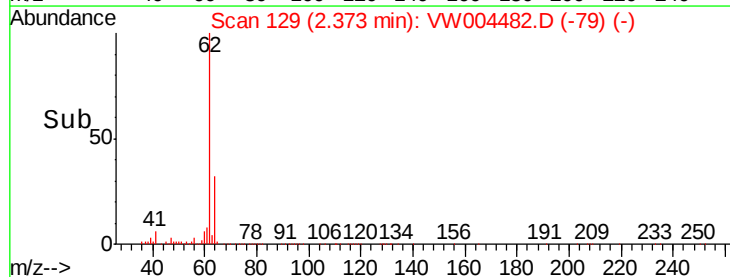
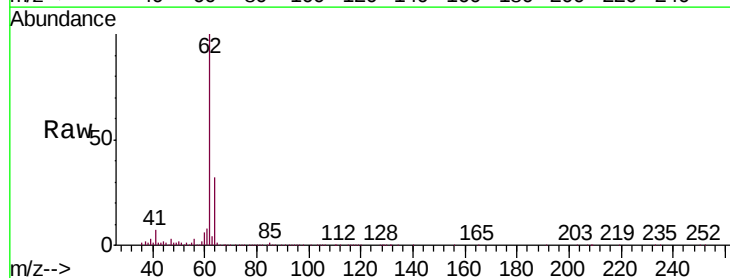
Acq: 06 Aug 2018 20:53

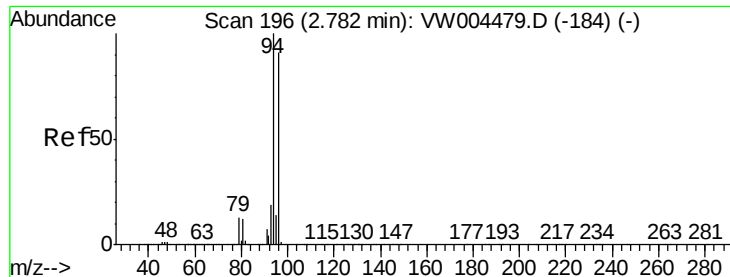
Tgt Ion: 62 Resp: 1475756

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 173.746 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

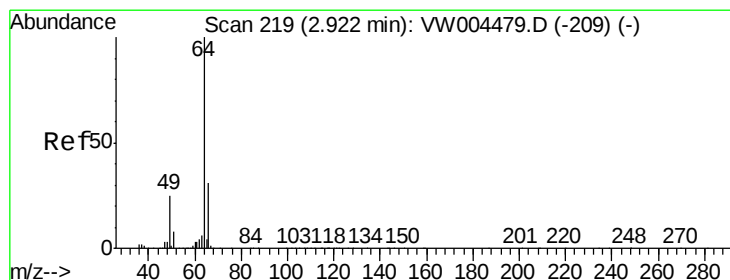
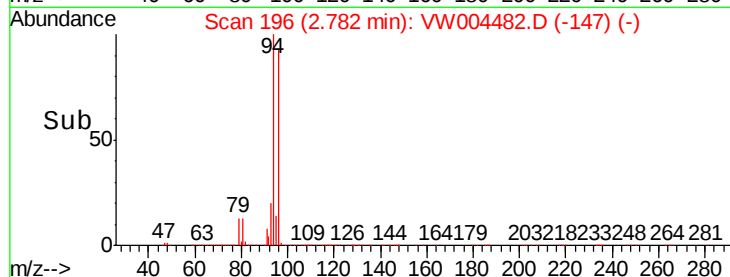
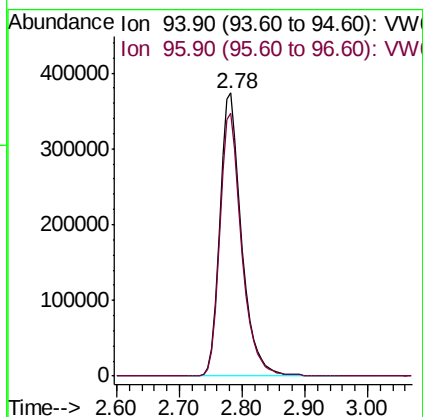
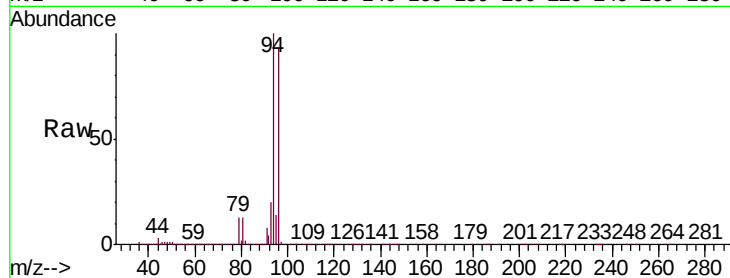
VSTDIC150

Tgt Ion: 94 Resp: 888529

Ion Ratio Lower Upper

94 100

96 92.8 72.9 109.3



#6

Chloroethane

Concen: 184.612 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004482.D

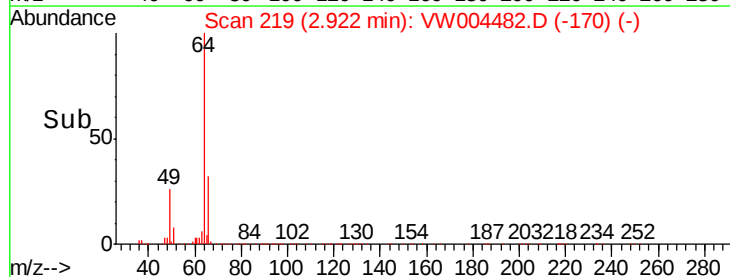
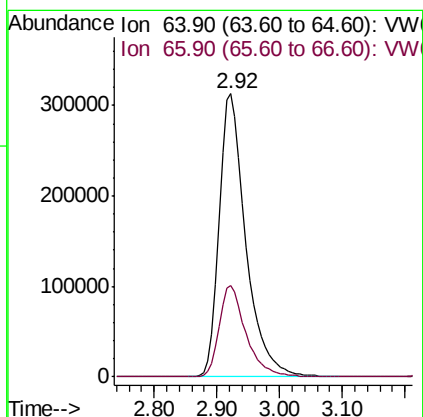
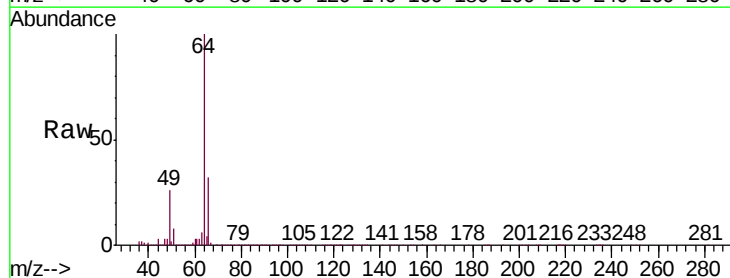
Acq: 06 Aug 2018 20:53

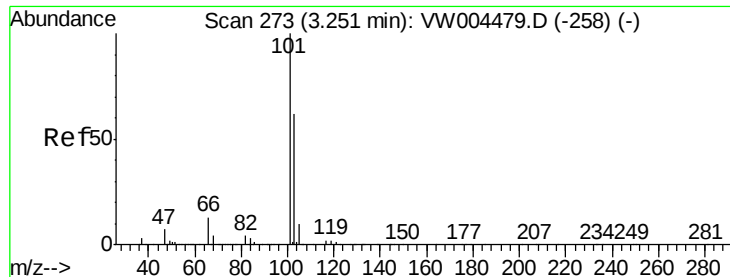
Tgt Ion: 64 Resp: 917032

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



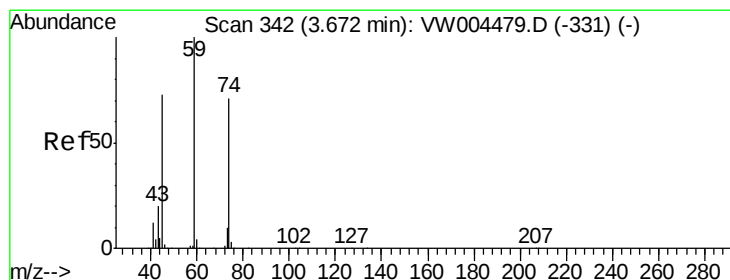
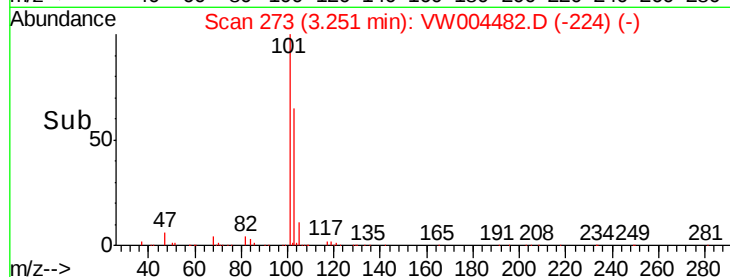
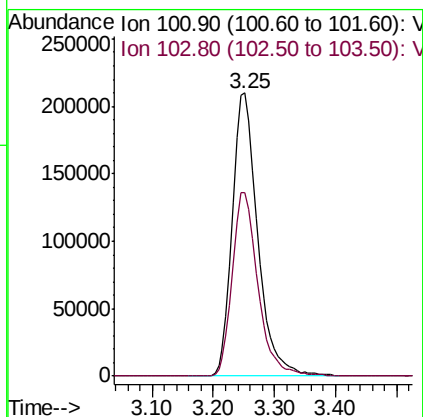
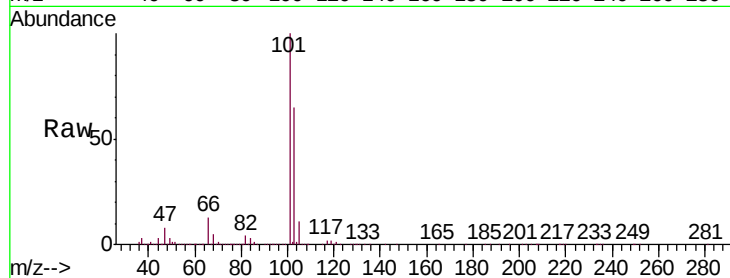


#7

Trichlorofluoromethane
 Concen: 136.323 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Instrument :
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 VSTDIC150

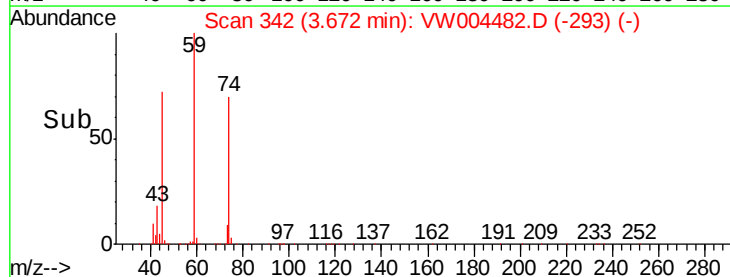
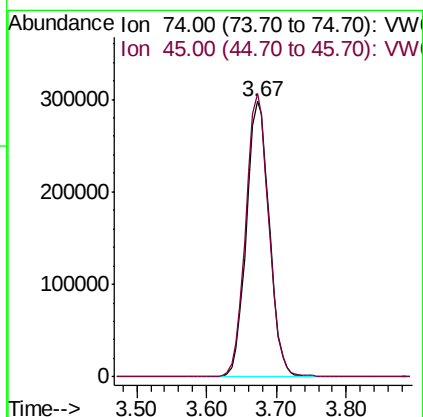
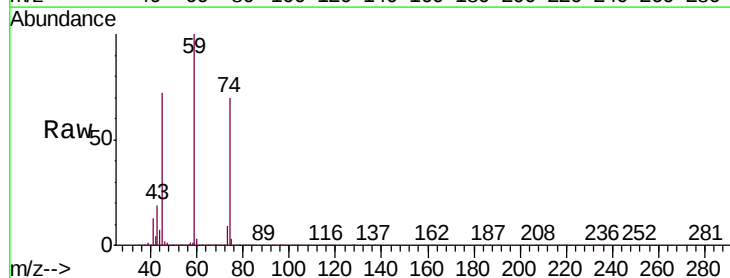
Tgt Ion: 101 Resp: 597928
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.8 74.8

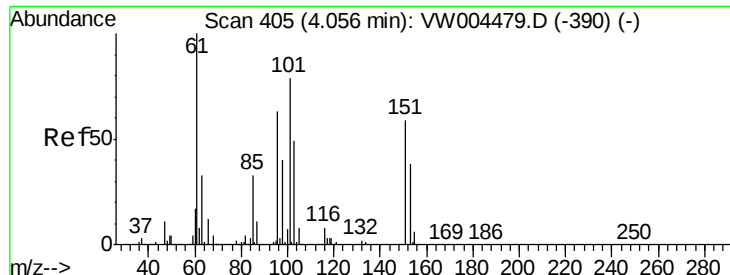


#8

Diethyl Ether
 Concen: 164.822 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 74 Resp: 681172
 Ion Ratio Lower Upper
 74 100
 45 102.5 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.000 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

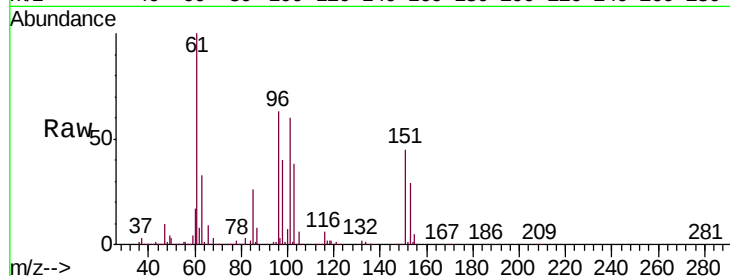
Tgt Ion:101 Resp: 1194742

Ion Ratio Lower Upper

101 100

85 43.1 34.6 51.8

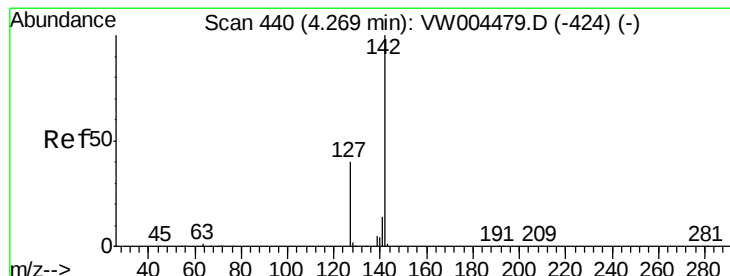
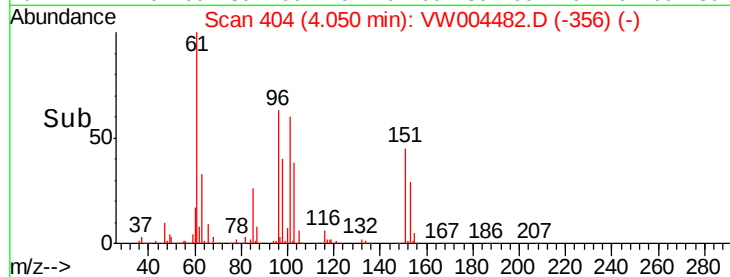
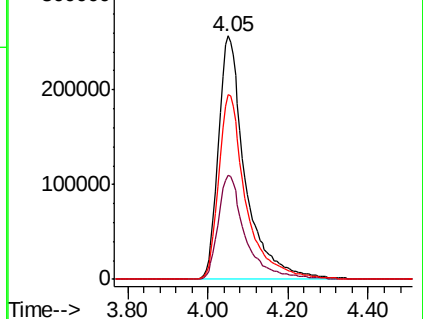
151 77.2 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 161.151 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

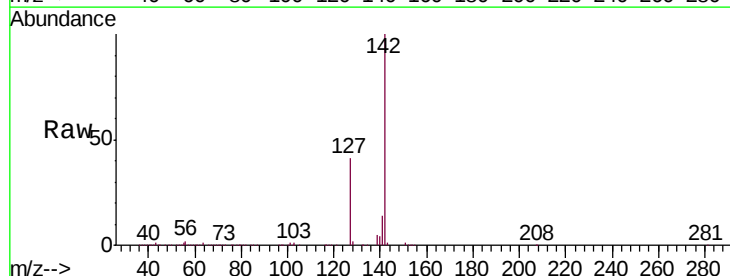
Tgt Ion:142 Resp: 1873936

Ion Ratio Lower Upper

142 100

127 40.5 32.7 49.1

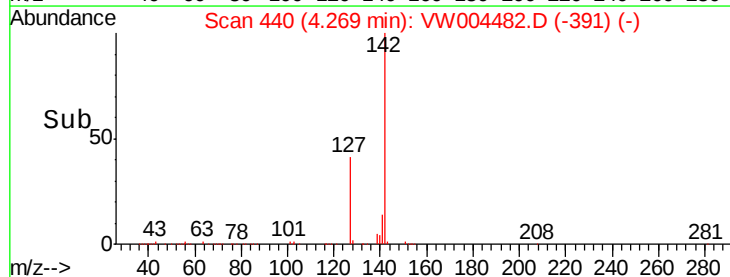
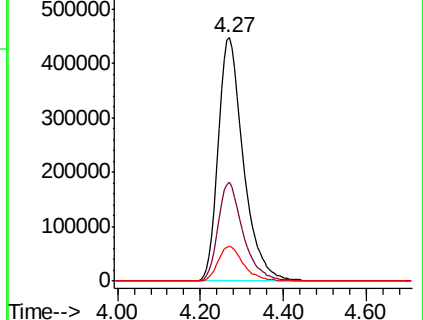
141 14.4 11.5 17.3

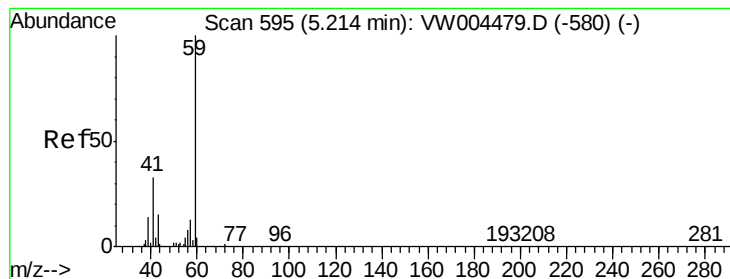


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



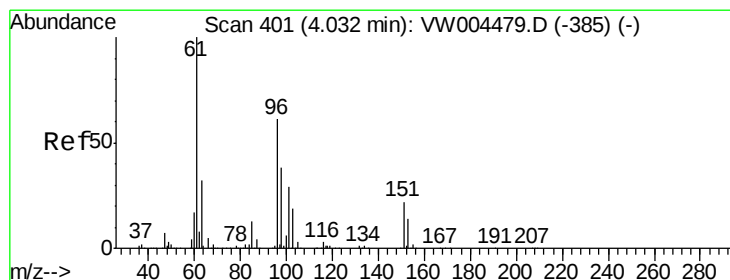
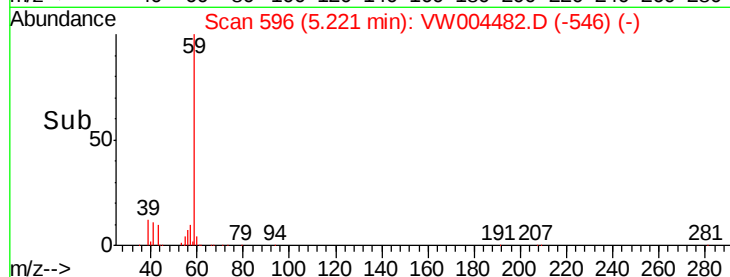
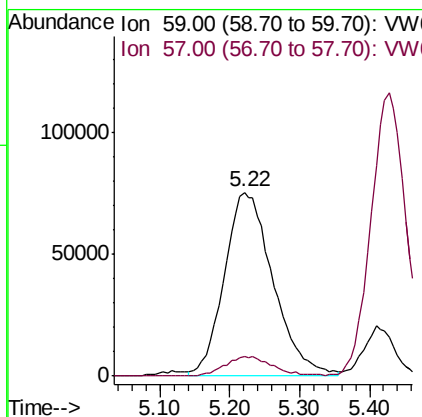
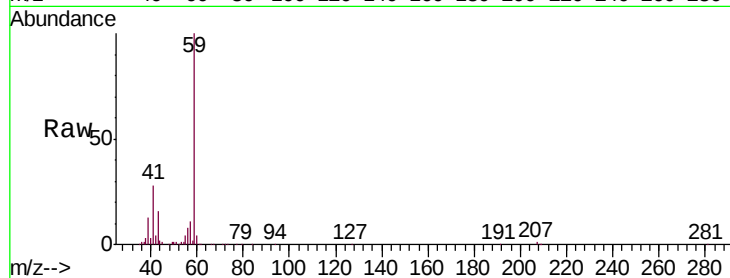


#11

Tert butyl alcohol
Concen: 645.794 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.01 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

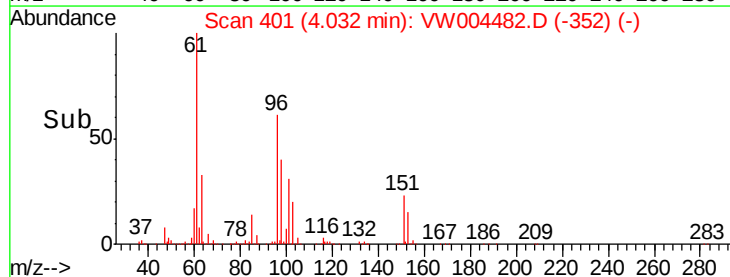
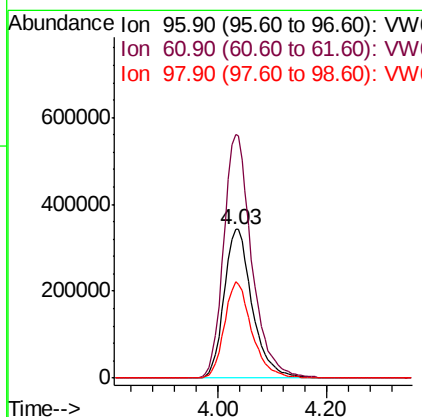
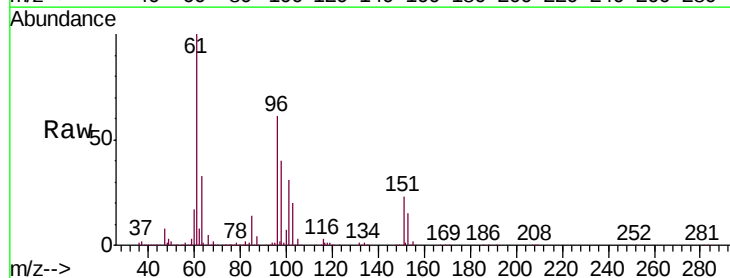
Tgt Ion: 59 Resp: 363674
Ion Ratio Lower Upper
59 100
57 10.4 9.1 13.7

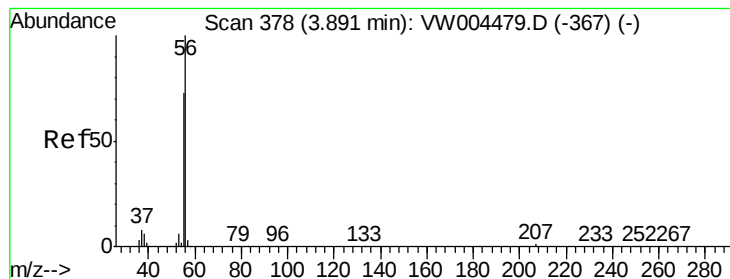


#12

1,1-Dichloroethene
Concen: 159.108 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 96 Resp: 1235484
Ion Ratio Lower Upper
96 100
61 163.9 130.6 195.8
98 64.9 49.6 74.4





#13

Acrolein

Concen: 829.095 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

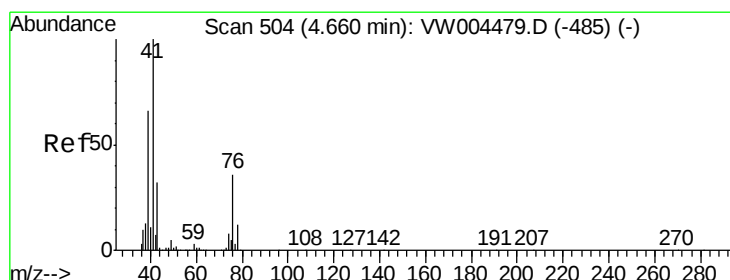
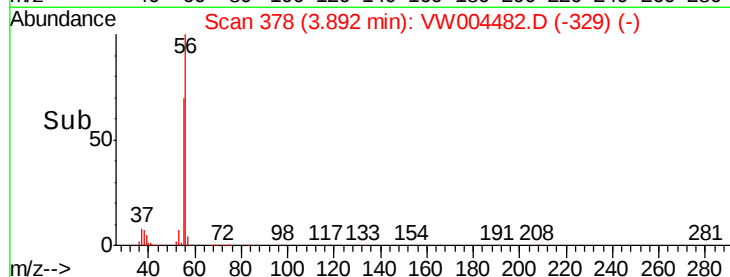
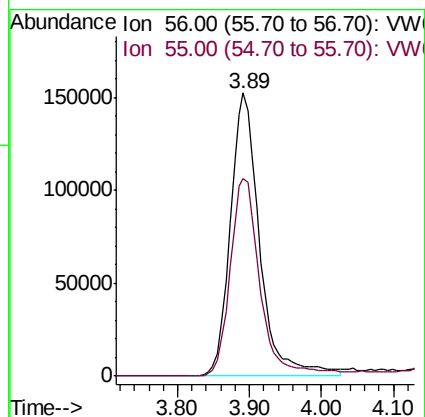
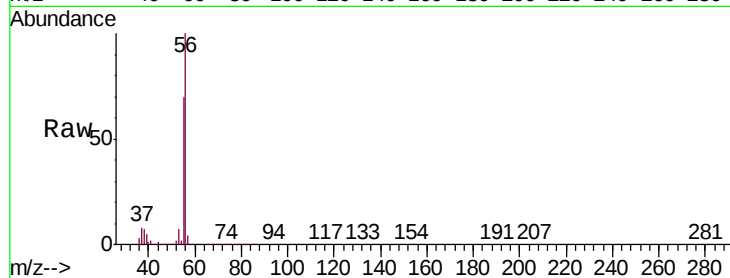
VSTDIC150

Tgt Ion: 56 Resp: 430323

Ion Ratio Lower Upper

56 100

55 71.3 56.7 85.1



#14

Allyl chloride

Concen: 157.297 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

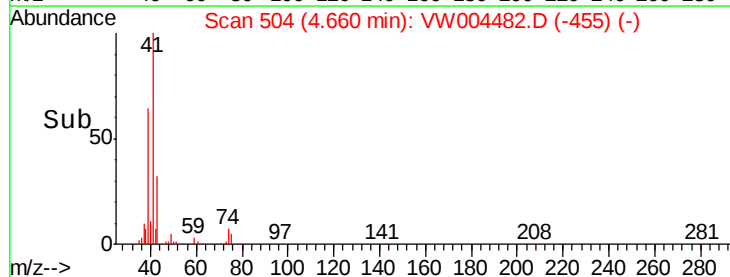
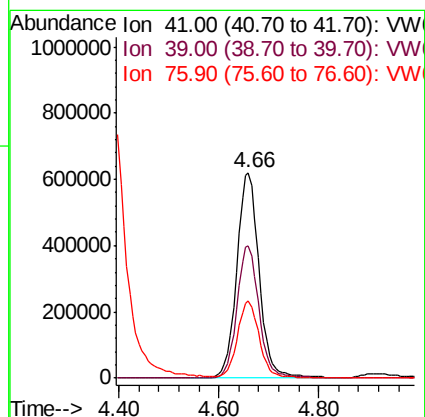
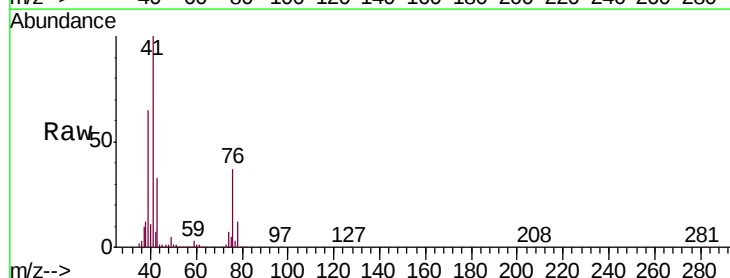
Tgt Ion: 41 Resp: 1934903

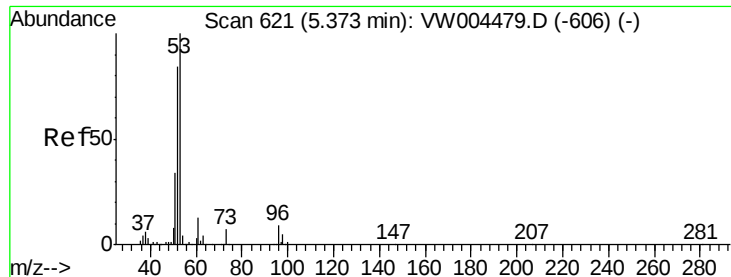
Ion Ratio Lower Upper

41 100

39 63.5 51.9 77.9

76 36.7 29.0 43.6





#15

Acrylonitrile

Concen: 878.266 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

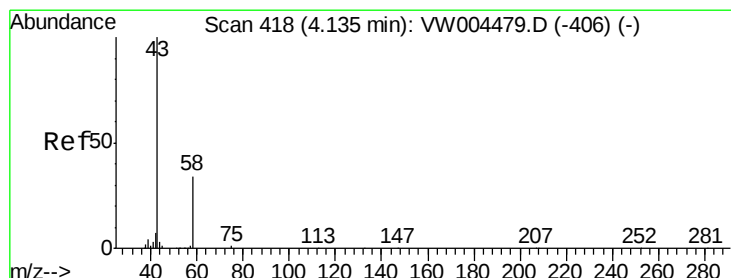
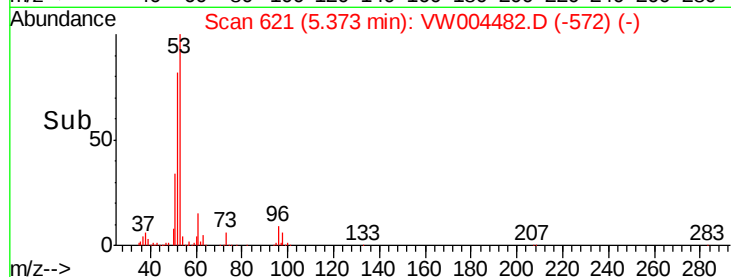
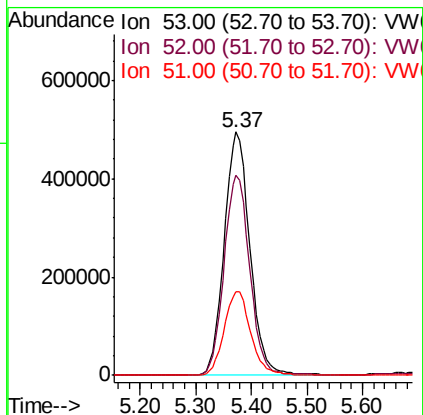
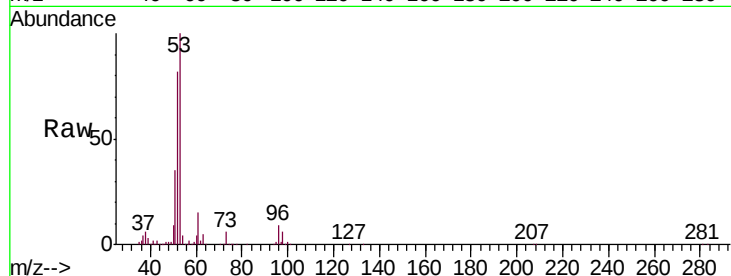
Tgt Ion: 53 Resp: 1582070

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

51 35.5 28.4 42.6



#16

Acetone

Concen: 791.813 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004482.D

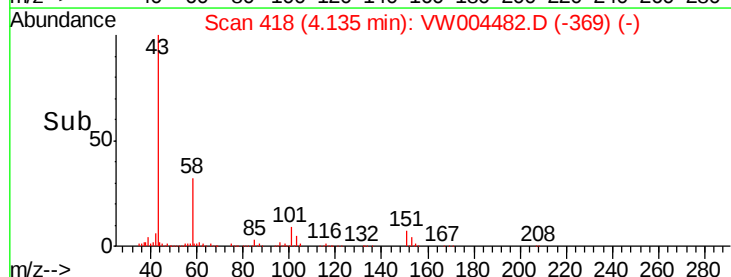
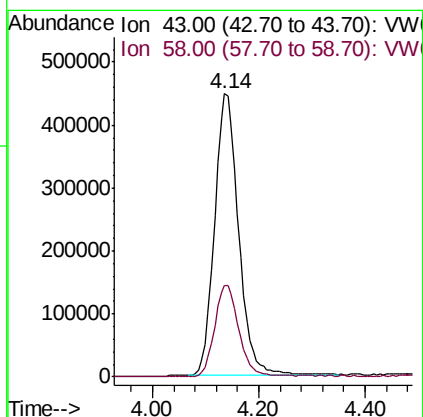
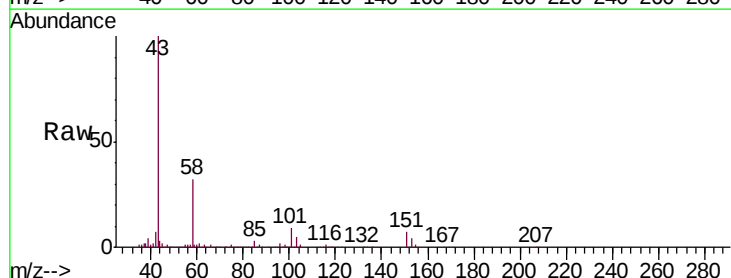
Acq: 06 Aug 2018 20:53

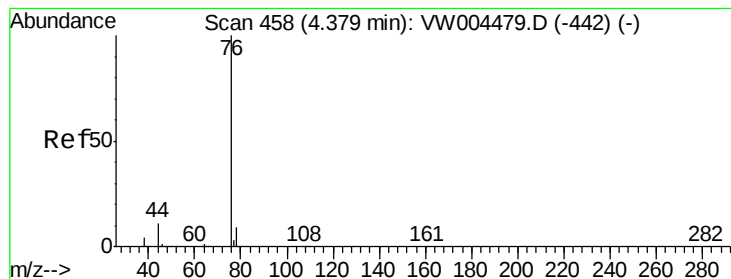
Tgt Ion: 43 Resp: 1416068

Ion Ratio Lower Upper

43 100

58 32.2 26.8 40.2





#17

Carbon Disulfide

Concen: 165.864 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

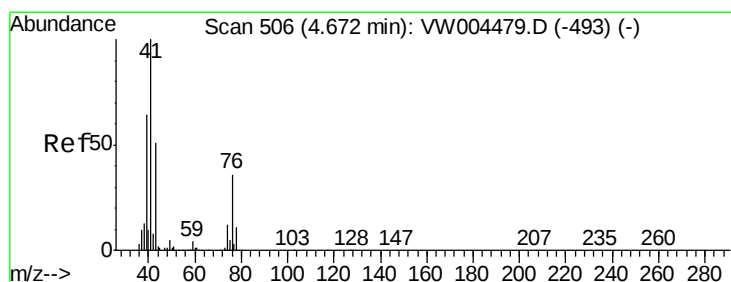
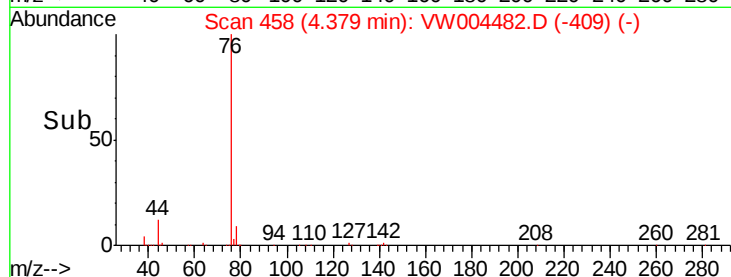
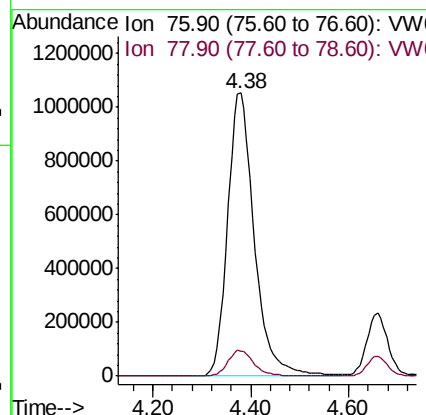
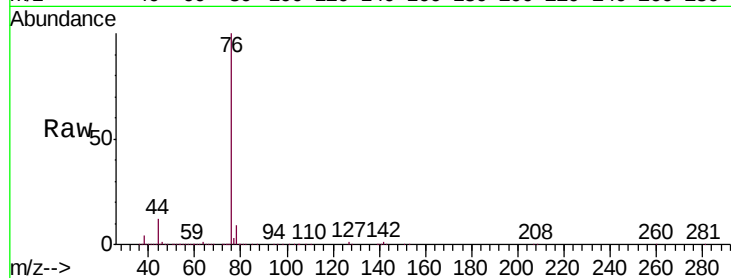
VSTDIC150

Tgt Ion: 76 Resp: 3984848

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 164.637 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004482.D

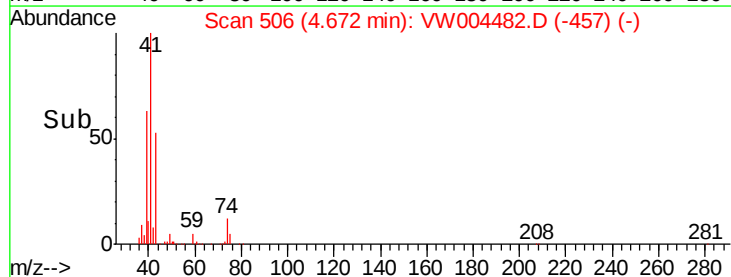
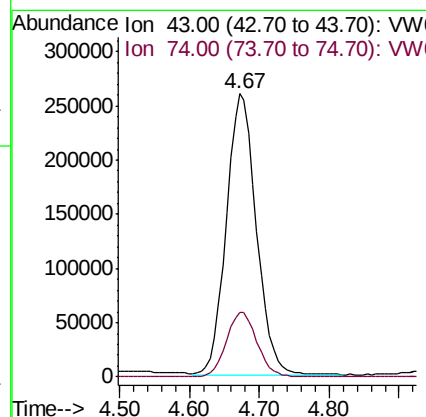
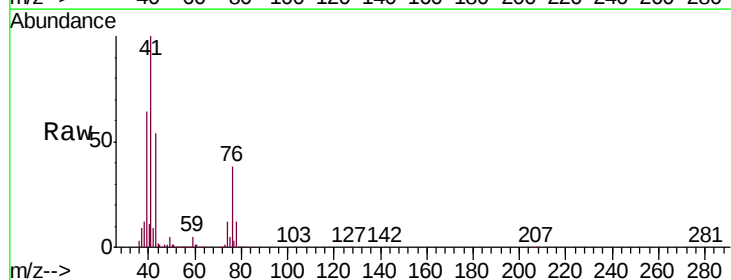
Acq: 06 Aug 2018 20:53

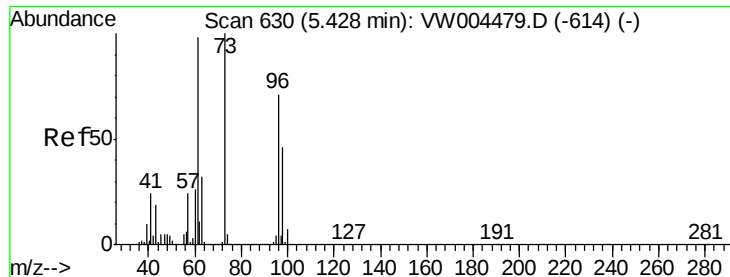
Tgt Ion: 43 Resp: 769749

Ion Ratio Lower Upper

43 100

74 23.7 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 131.757 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

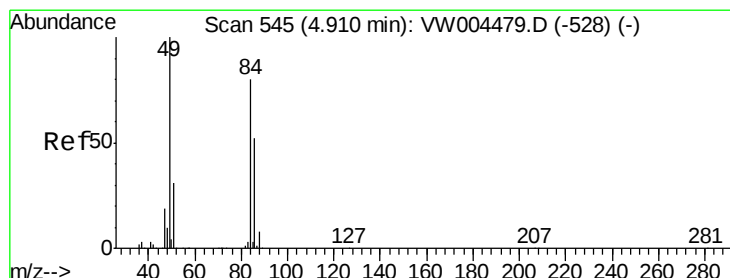
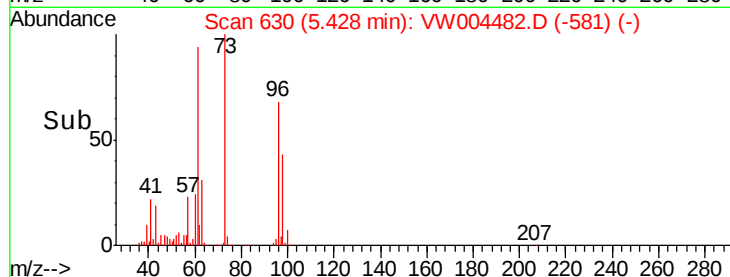
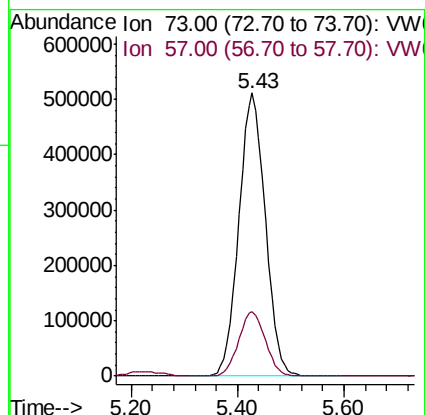
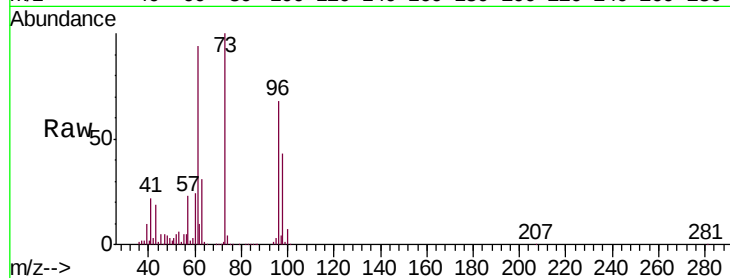
VSTDIC150

Tgt Ion: 73 Resp: 1759073

Ion Ratio Lower Upper

73 100

57 22.7 19.6 29.4



#20

Methylene Chloride

Concen: 160.426 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Tgt Ion: 84 Resp: 1386328

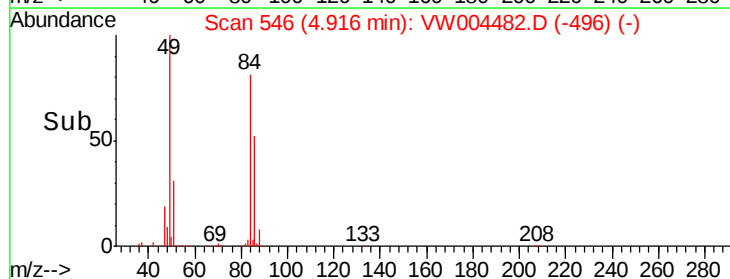
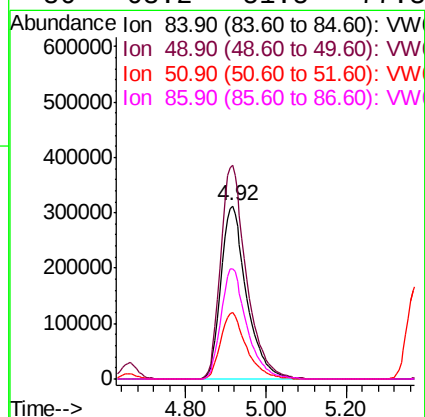
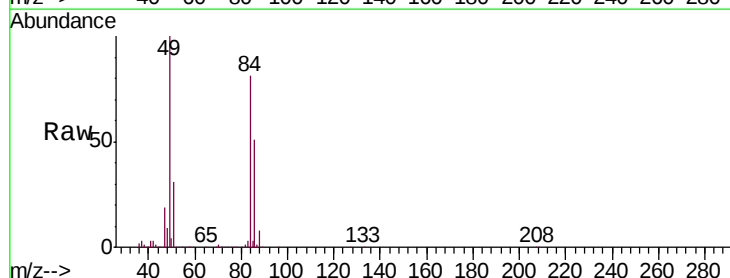
Ion Ratio Lower Upper

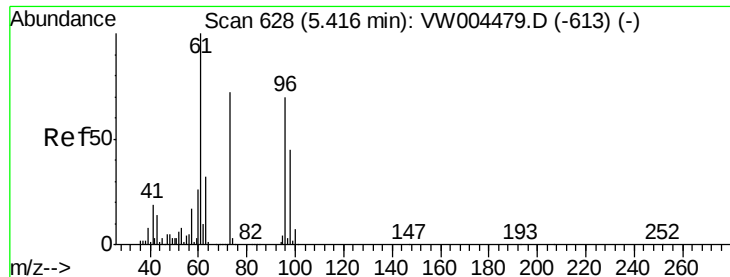
84 100

49 123.1 99.6 149.4

51 38.2 31.0 46.4

86 63.2 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 159.010 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

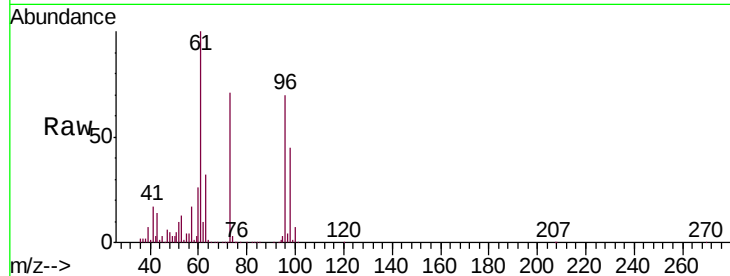
Tgt Ion: 96 Resp: 1326190

Ion Ratio Lower Upper

96 100

61 142.7 114.1 171.1

98 63.6 51.4 77.2

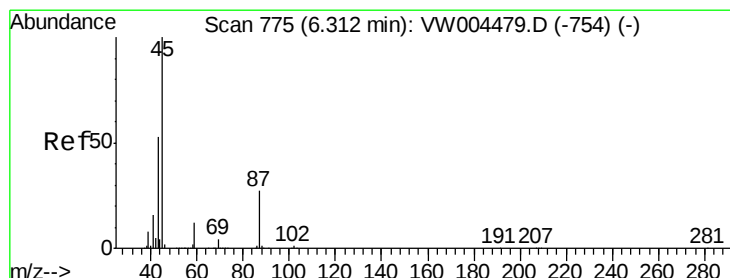
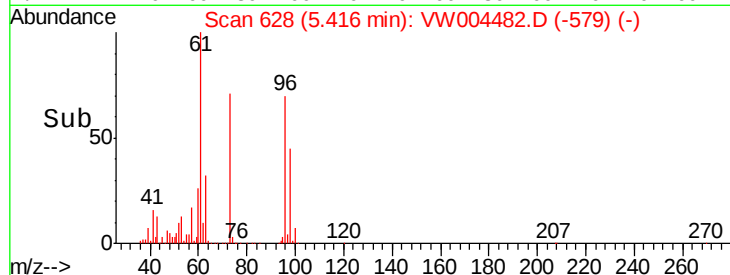
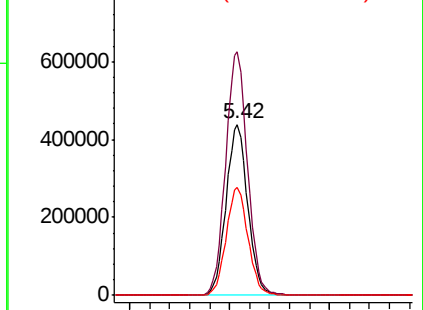


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 167.904 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Tgt Ion: 45 Resp: 3961716

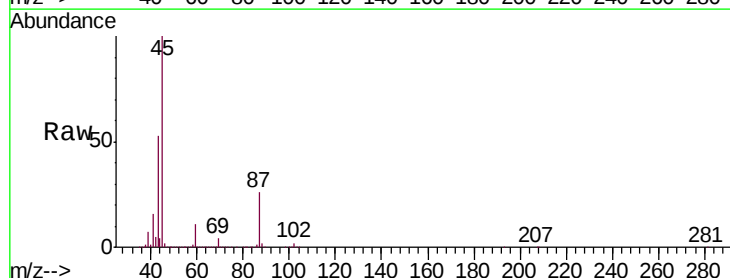
Ion Ratio Lower Upper

45 100

43 52.5 42.4 63.6

87 26.4 21.6 32.4

59 11.5 9.6 14.4



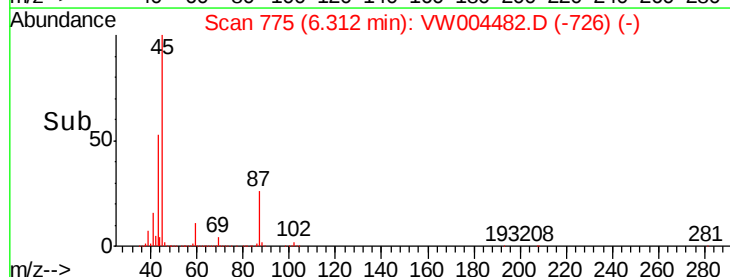
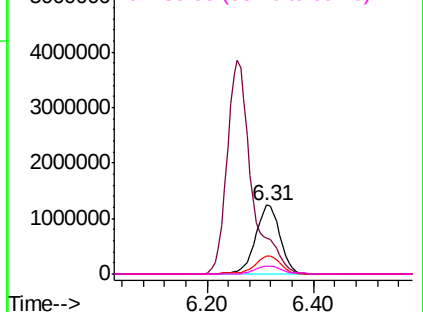
Abundance

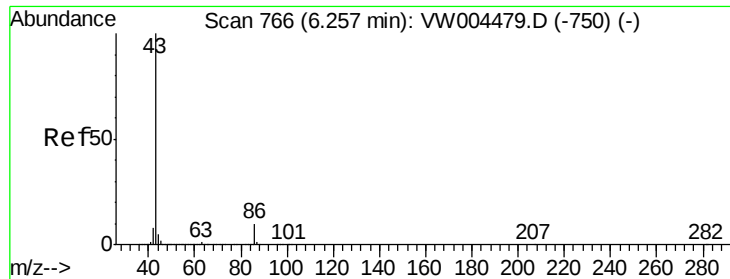
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

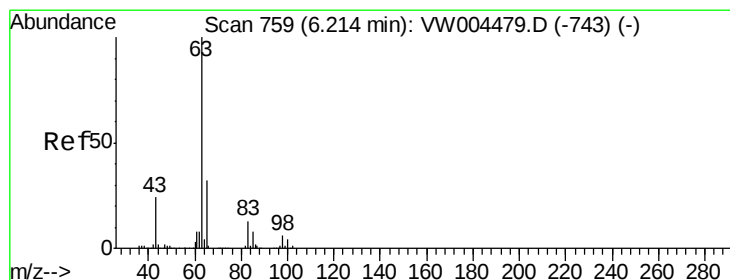
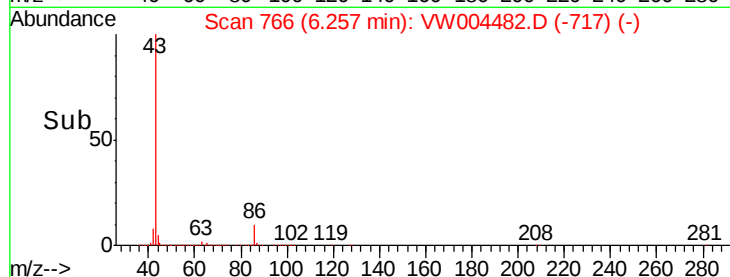
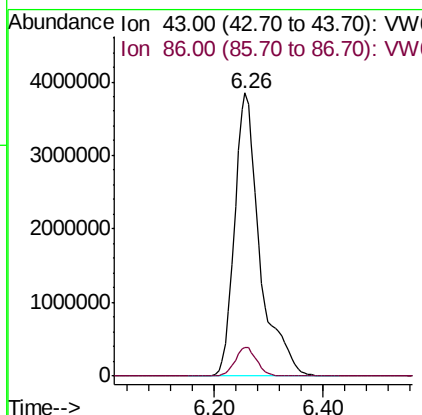
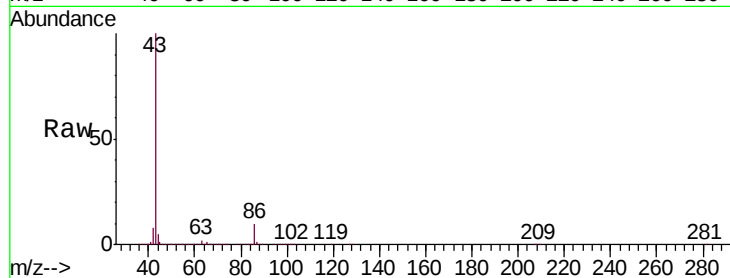




#23
 Vinyl Acetate
 Concen: 902.528 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

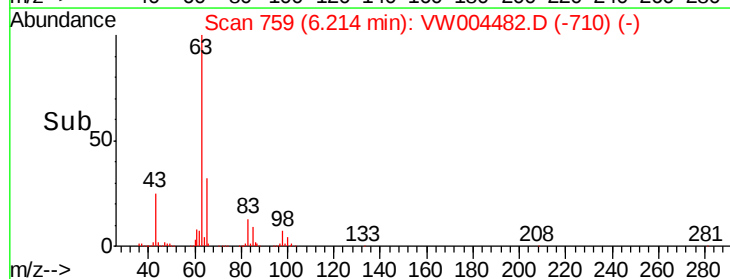
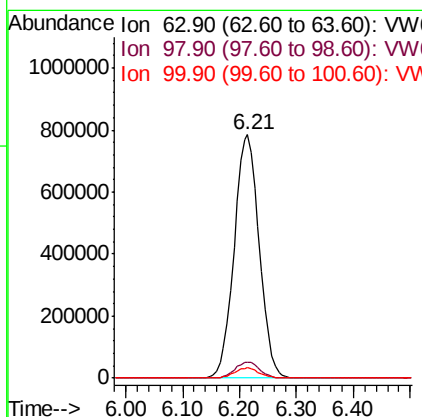
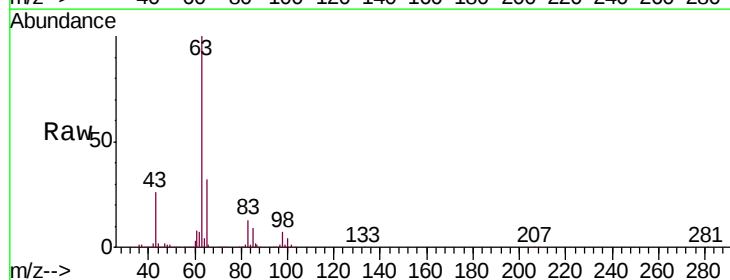
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

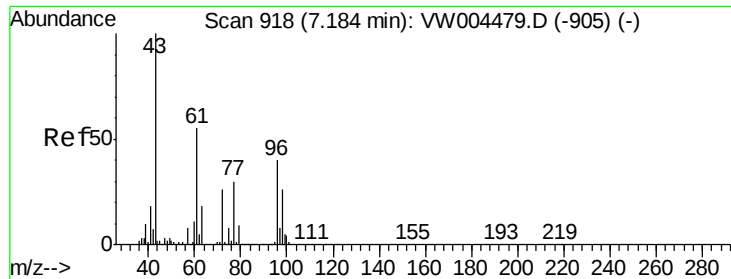
Tgt Ion: 43 Resp:12463473
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 157.706 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 63 Resp: 2404598
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 1100.336 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

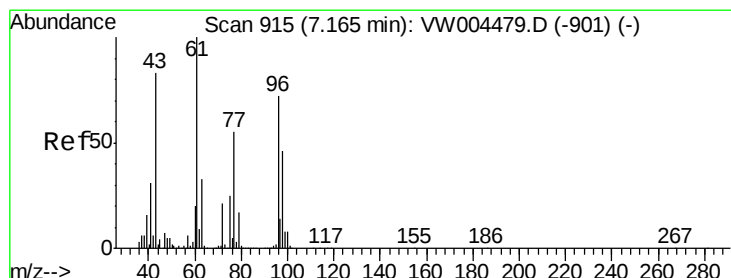
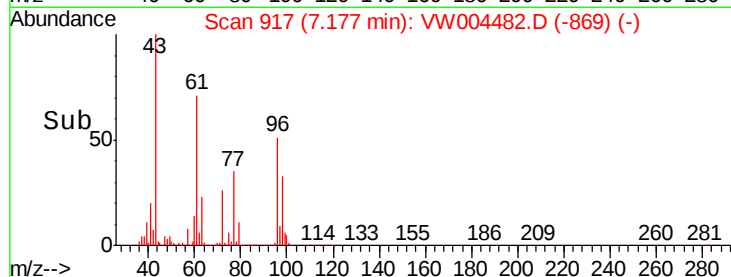
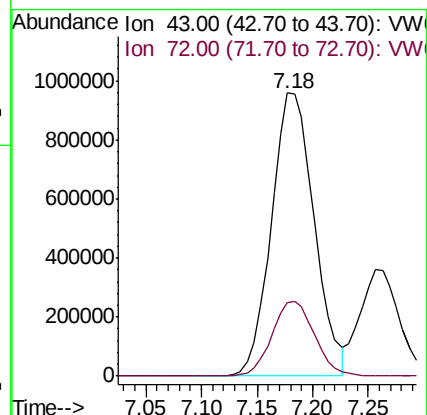
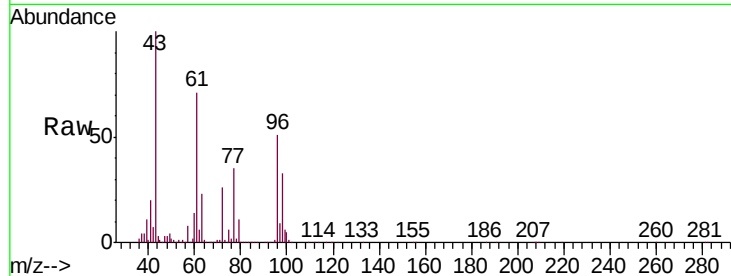
VSTDIC150

Tgt Ion: 43 Resp: 2557914

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 134.765 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004482.D

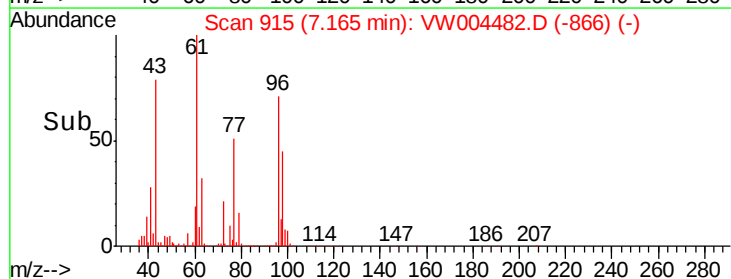
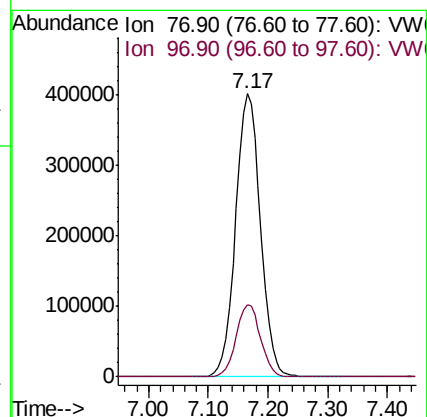
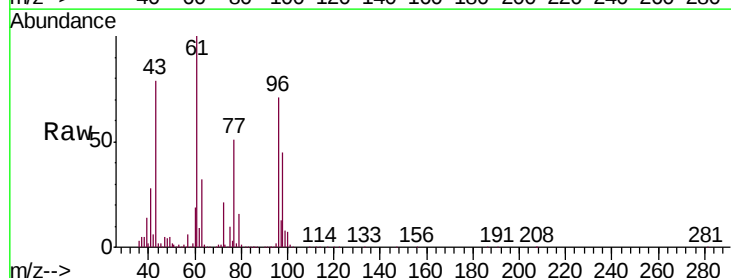
Acq: 06 Aug 2018 20:53

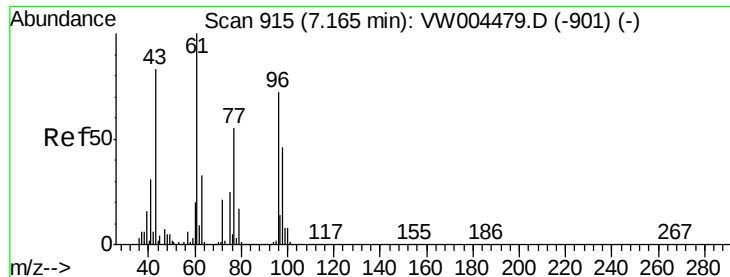
Tgt Ion: 77 Resp: 1160706

Ion Ratio Lower Upper

77 100

97 25.1 12.5 37.5



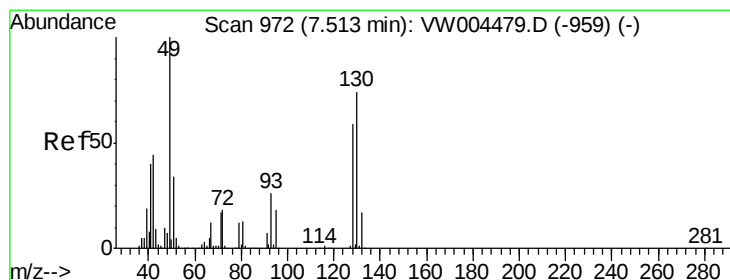
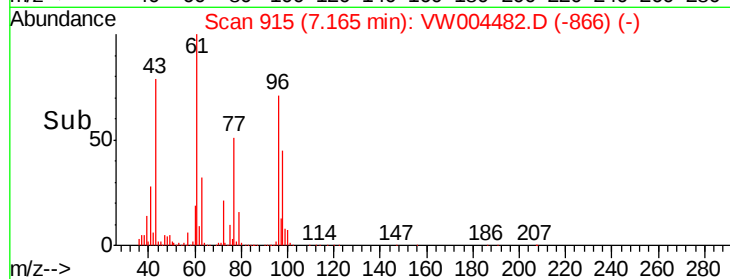
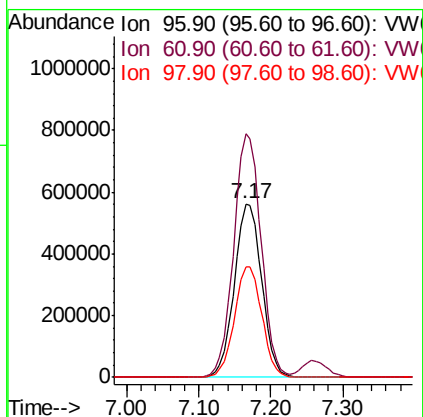
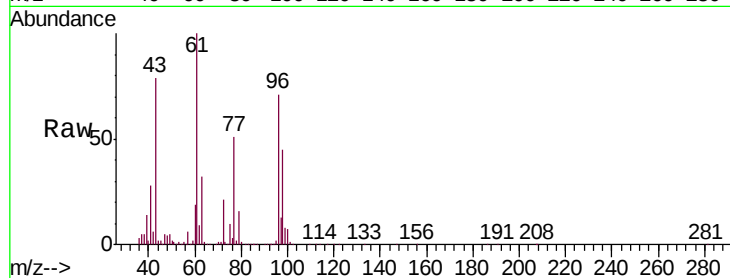


#27

cis-1,2-Dichloroethene
Concen: 172.995 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

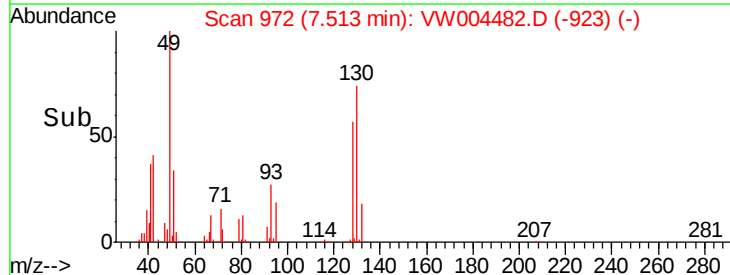
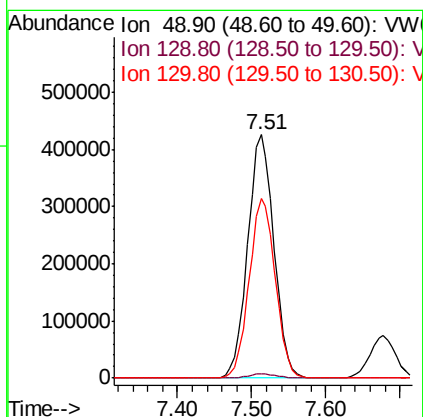
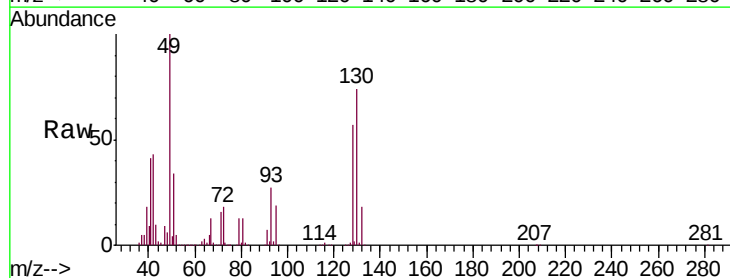
Tgt Ion: 96 Resp: 1476835
Ion Ratio Lower Upper
96 100
61 141.2 0.0 285.0
98 64.2 0.0 128.6

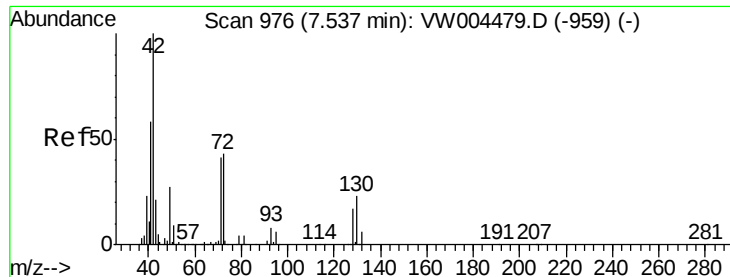


#28

Bromochloromethane
Concen: 189.740 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 49 Resp: 1052441
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 73.7 58.8 88.2

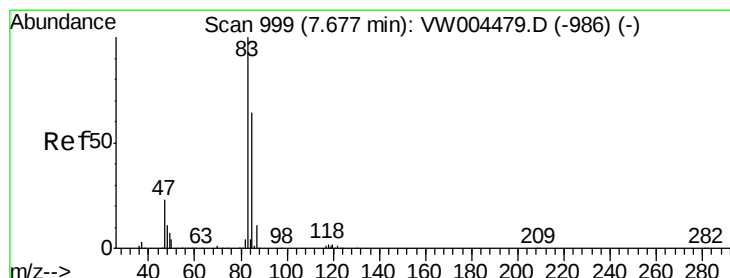
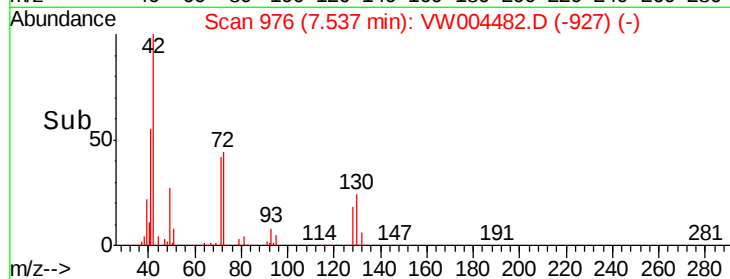
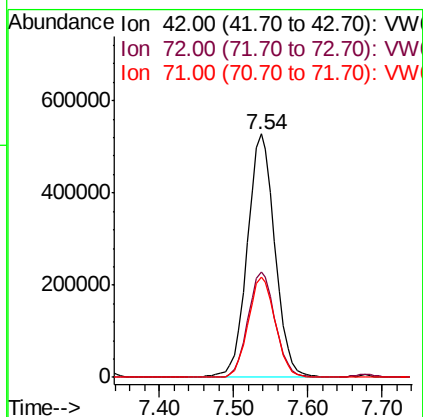
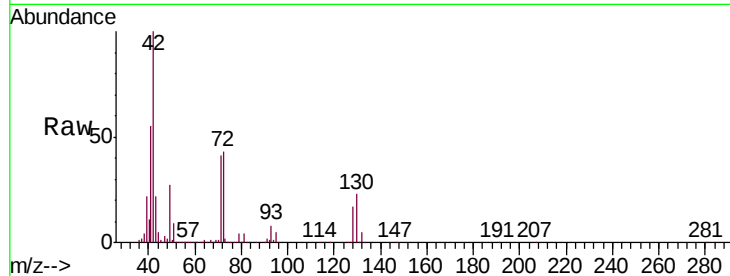




#29
Tetrahydrofuran
Concen: 957.075 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

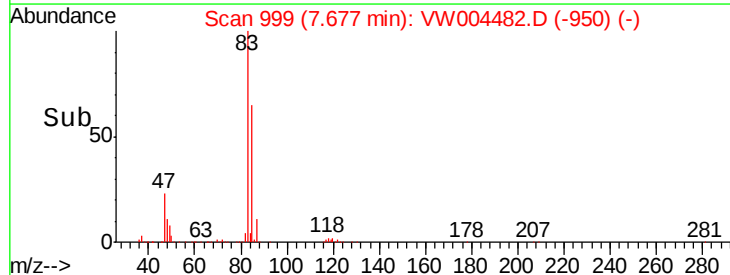
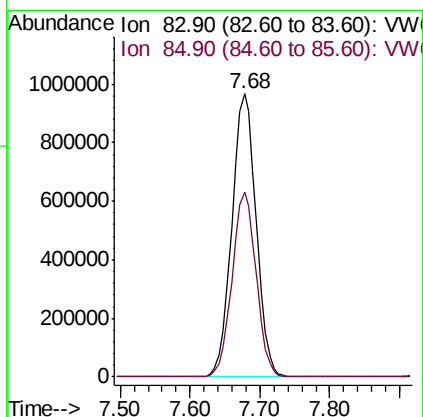
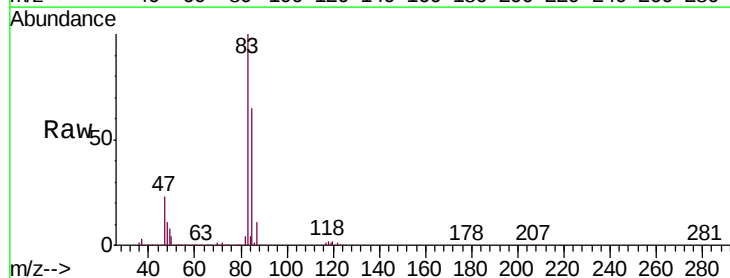
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

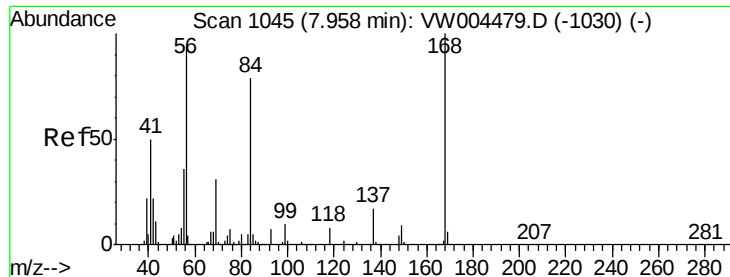
Tgt Ion: 42 Resp: 1368040
Ion Ratio Lower Upper
42 100
72 42.7 34.1 51.1
71 40.7 32.5 48.7



#30
Chloroform
Concen: 159.753 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 83 Resp: 2321435
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9

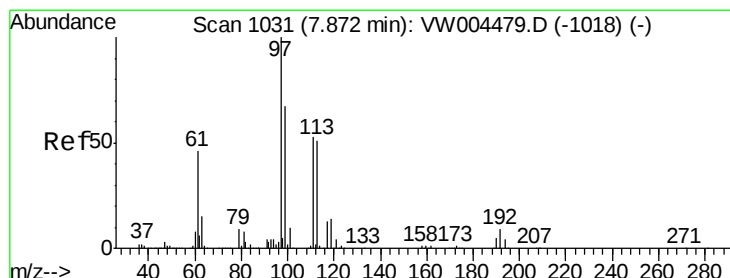
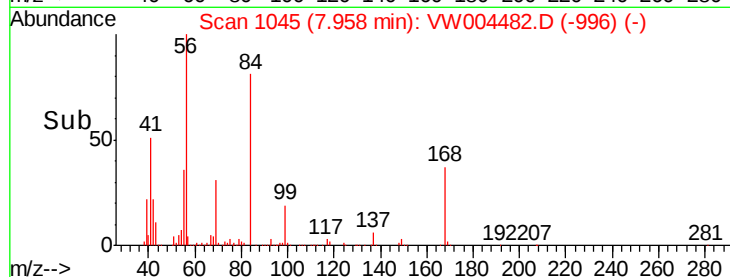
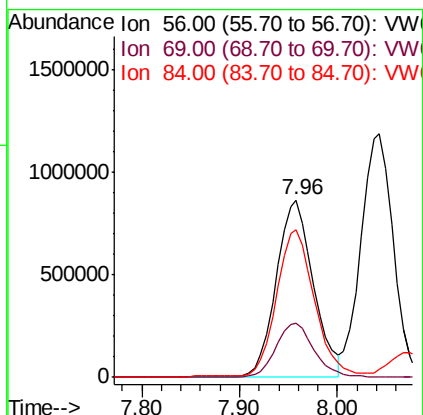
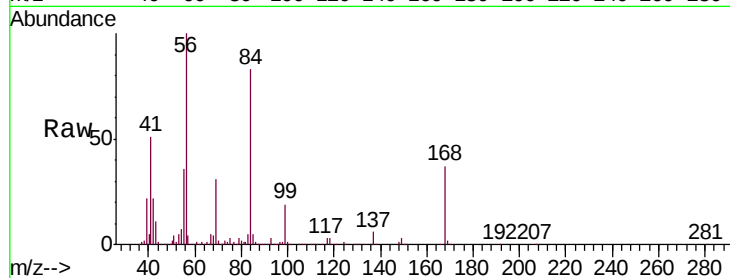




#31
Cyclohexane
Concen: 169.491 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

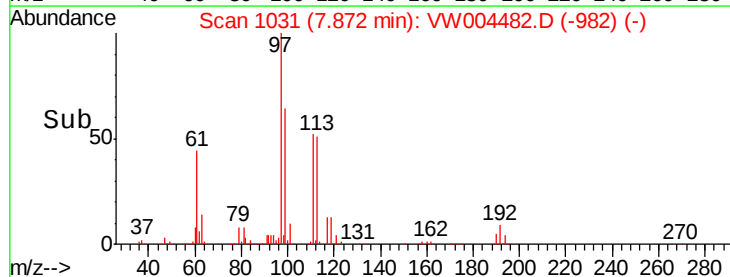
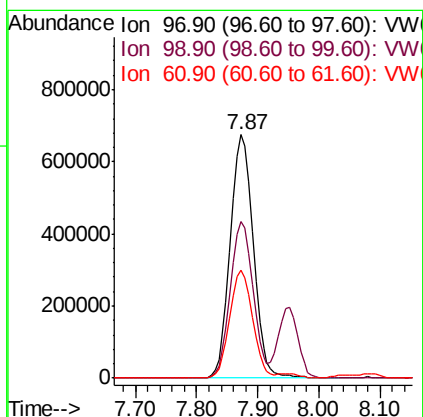
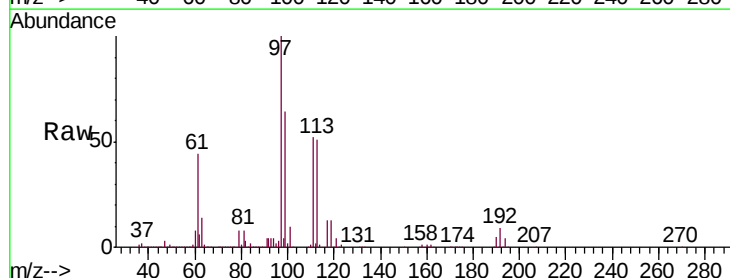
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

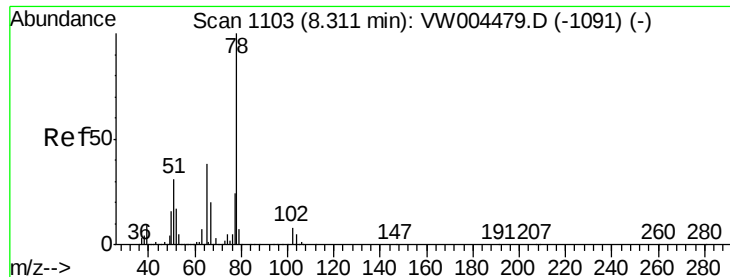
Tgt Ion: 56 Resp: 2293549
Ion Ratio Lower Upper
56 100
69 30.7 26.4 39.6
84 82.6 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 149.151 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 97 Resp: 1754304
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 43.8 35.7 53.5

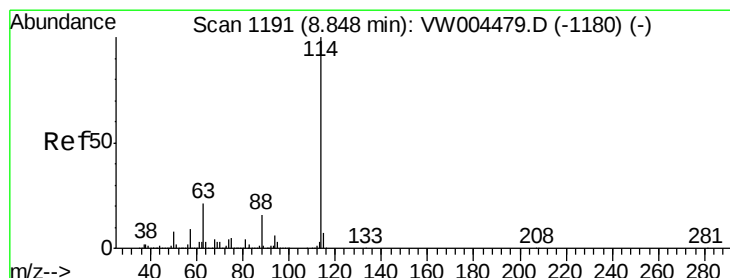
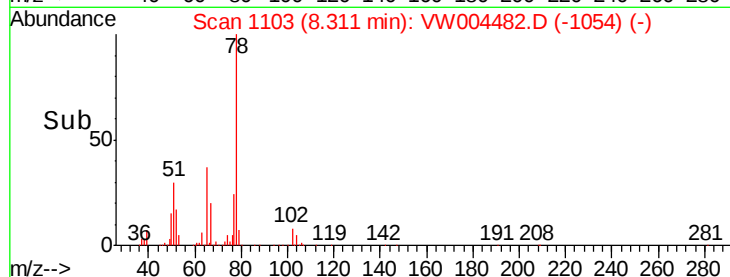
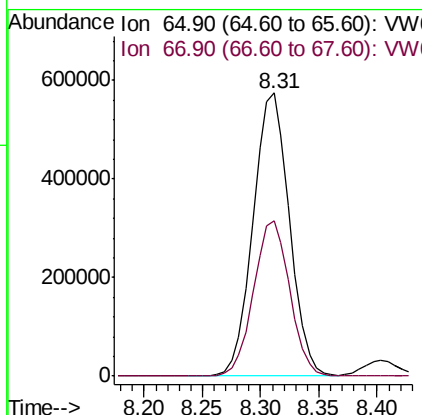
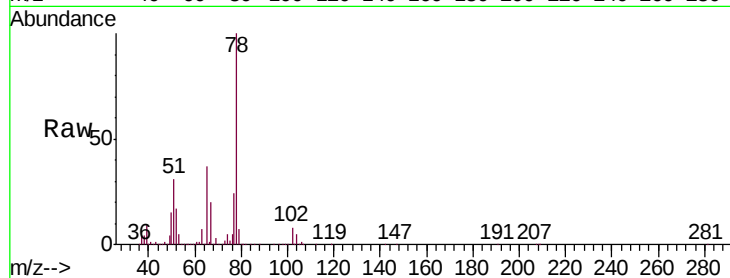




#33
 1,2-Dichloroethane-d4
 Concen: 159.650 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

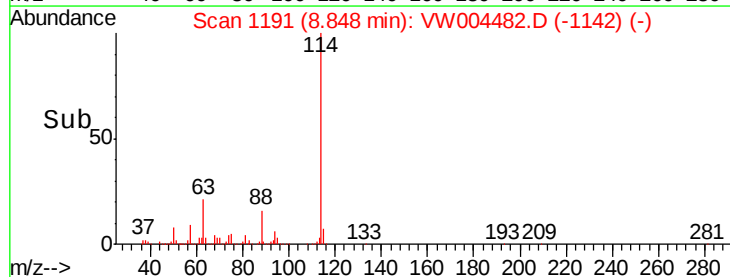
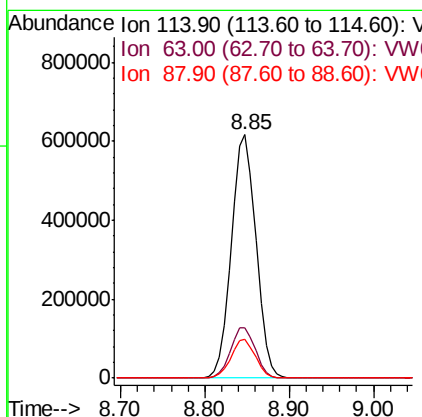
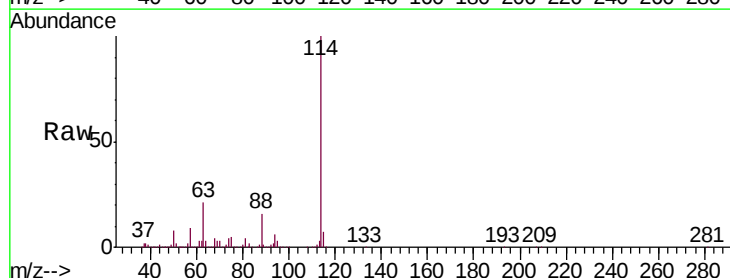
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

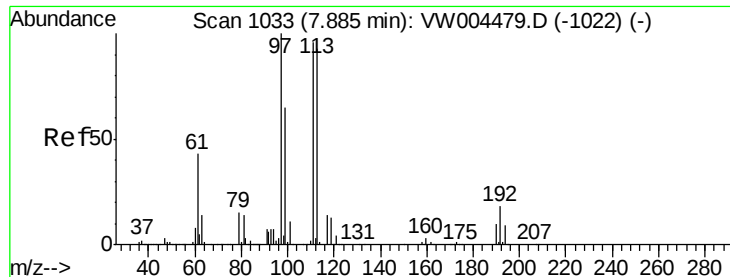
Tgt Ion: 65 Resp: 1250882
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 114 Resp: 1215768
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.8 0.0 31.2

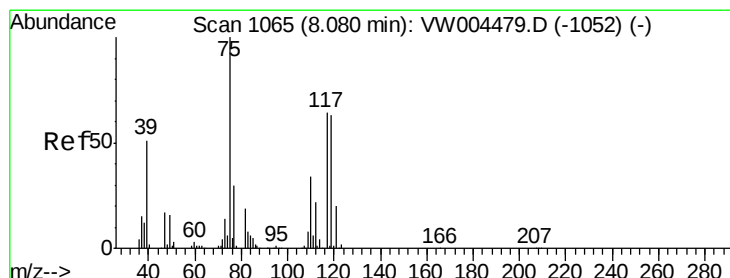
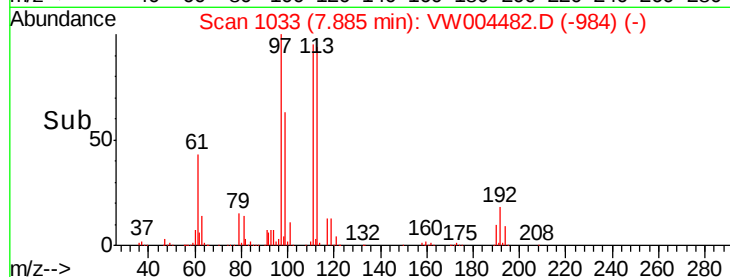
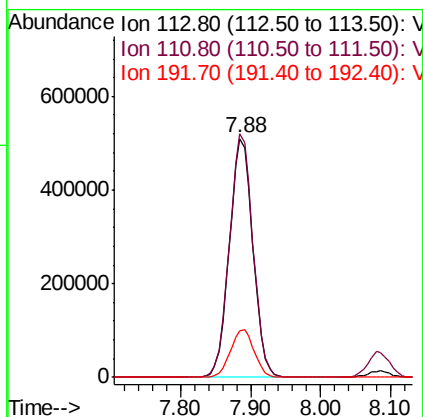
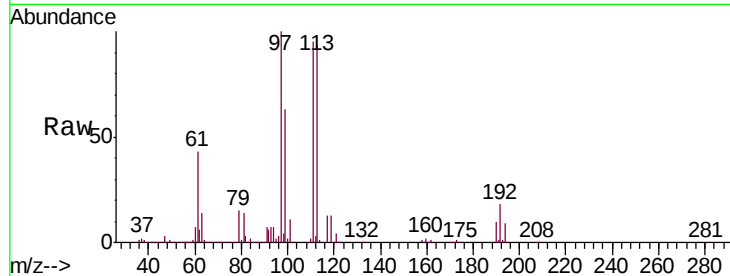




#35
 Dibromofluoromethane
 Concen: 153.317 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

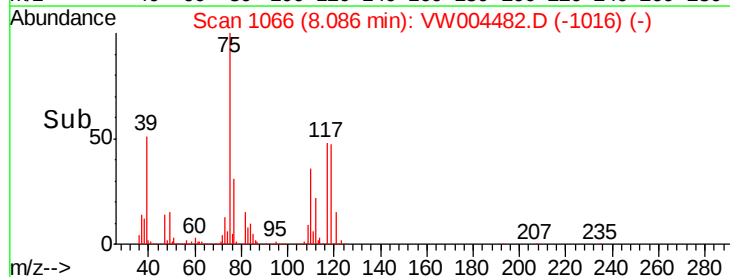
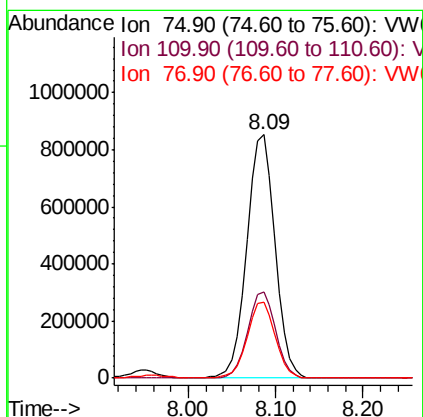
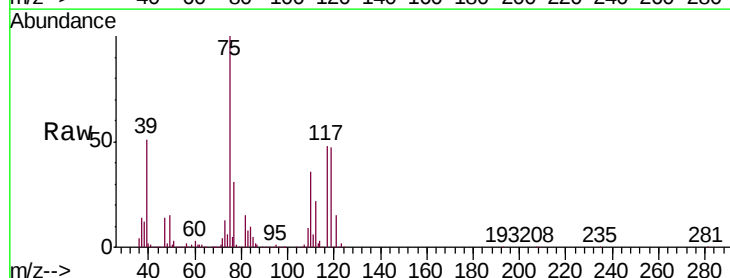
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

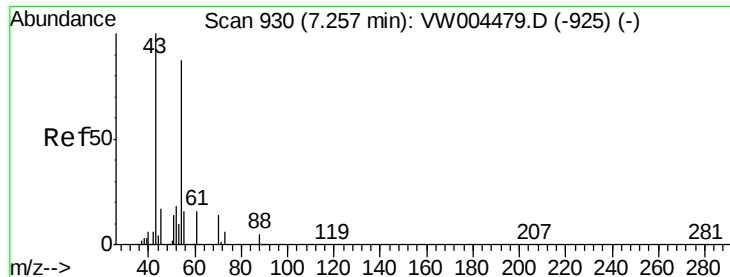
Tgt Ion: 113 Resp: 1188393
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.9 124.3
 192 20.1 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 154.773 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 75 Resp: 1903905
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.4 52.2
 77 31.1 24.7 37.1

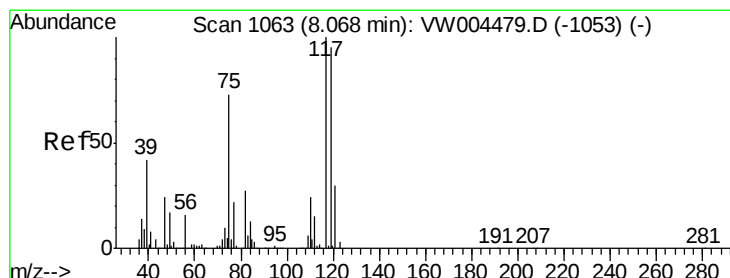
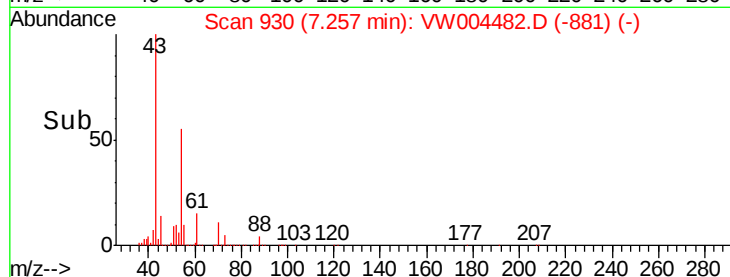
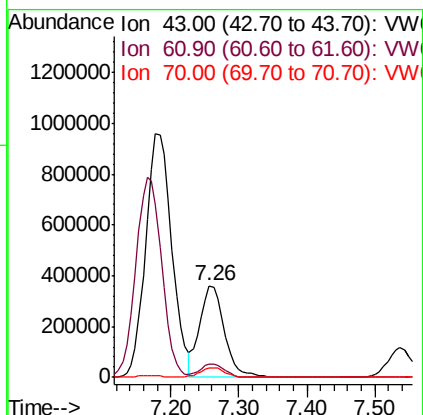
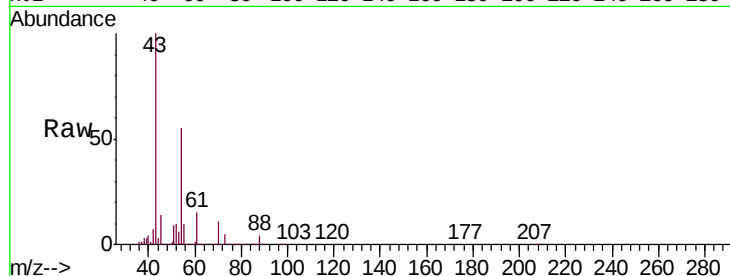




#37
Ethyl Acetate
Concen: 178.963 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

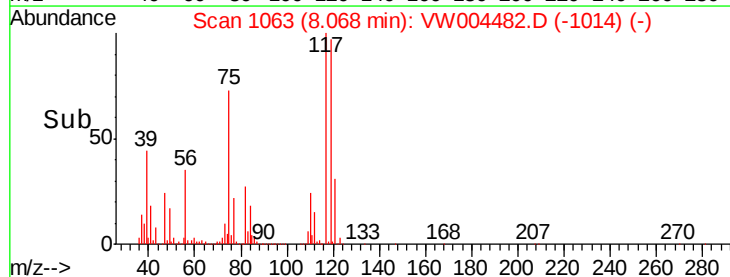
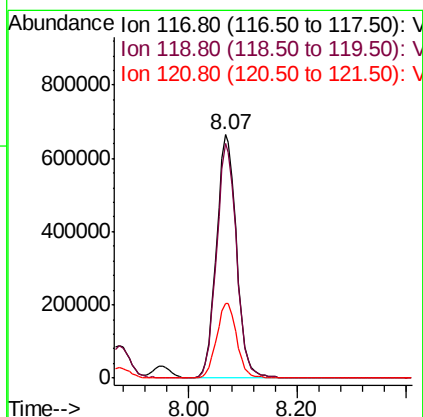
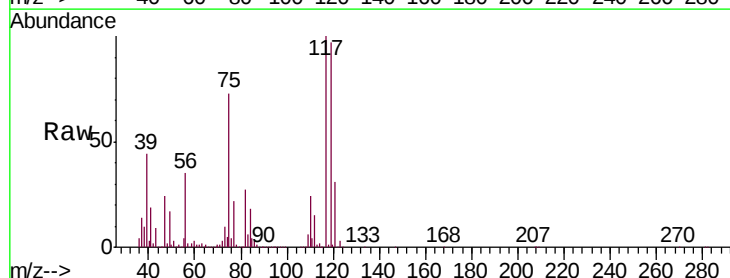
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

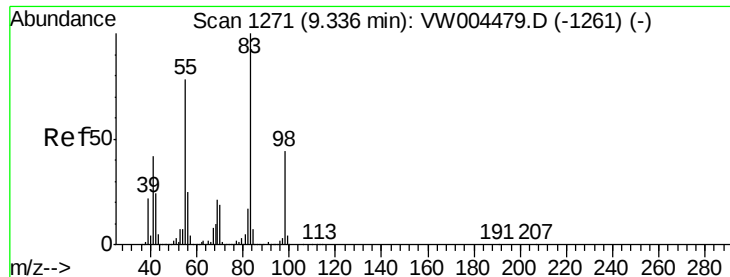
Tgt Ion: 43 Resp: 912579
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 141.190 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 117 Resp: 1694455
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 30.9 24.2 36.4

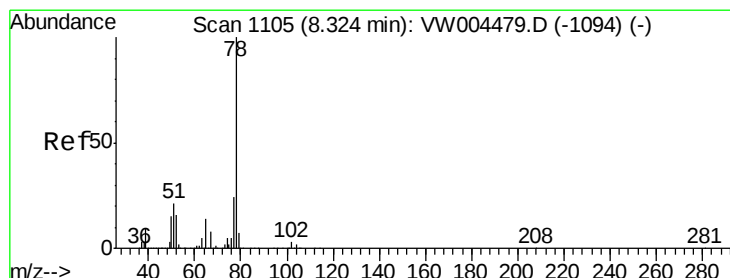
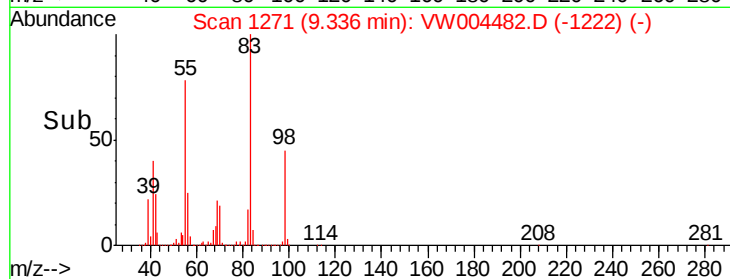
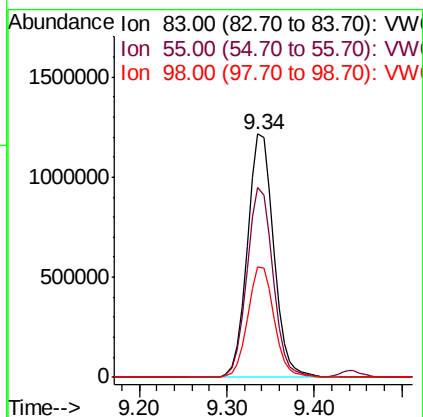
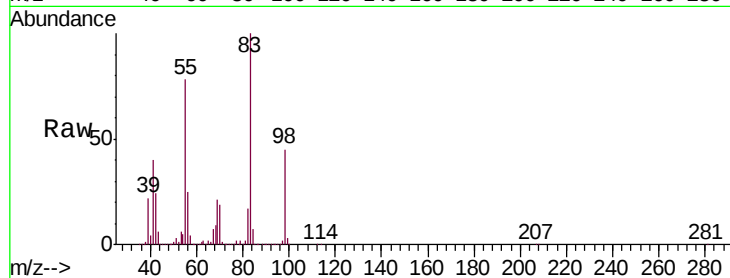




#39
Methylcyclohexane
Concen: 169.673 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

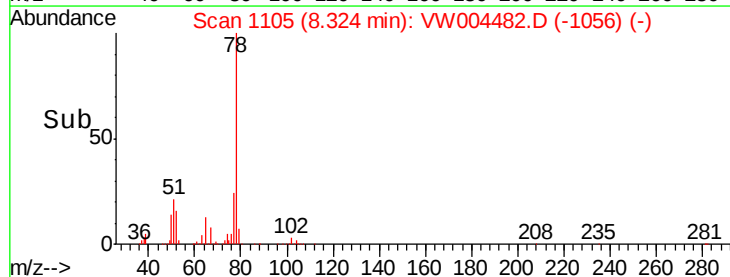
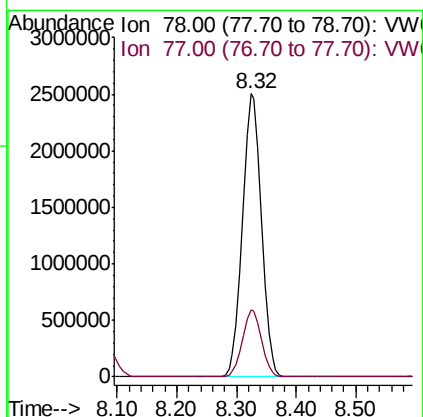
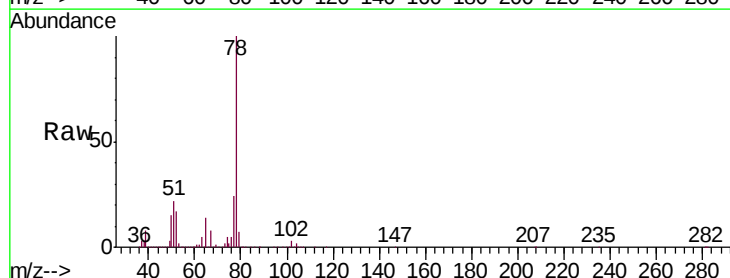
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

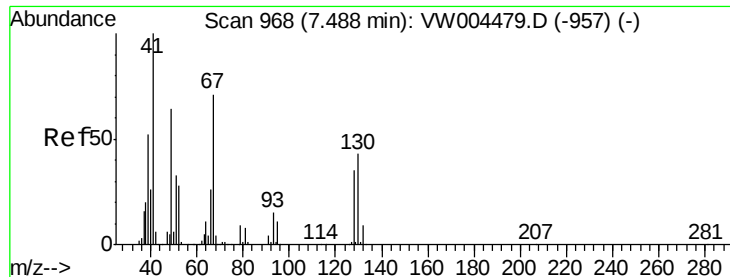
Tgt Ion: 83 Resp: 2536080
Ion Ratio Lower Upper
83 100
55 77.7 62.5 93.7
98 45.5 35.4 53.2



#40
Benzene
Concen: 159.924 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 78 Resp: 5559318
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

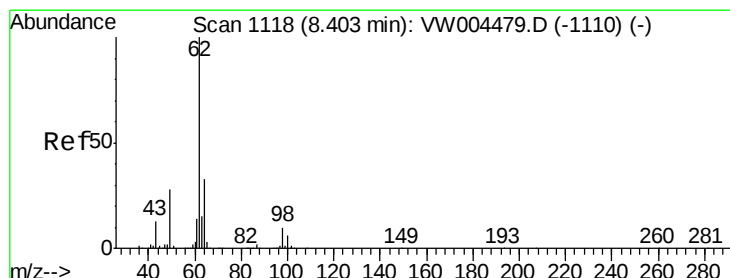
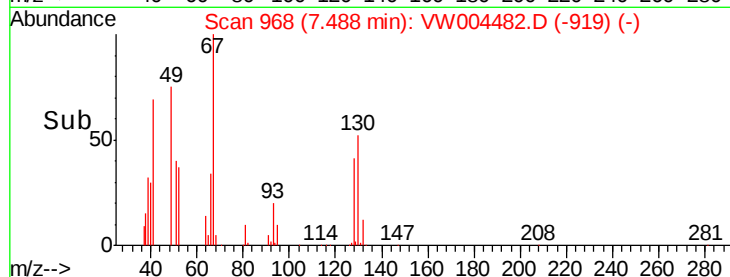
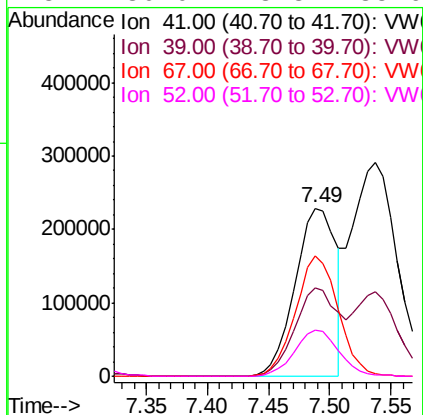
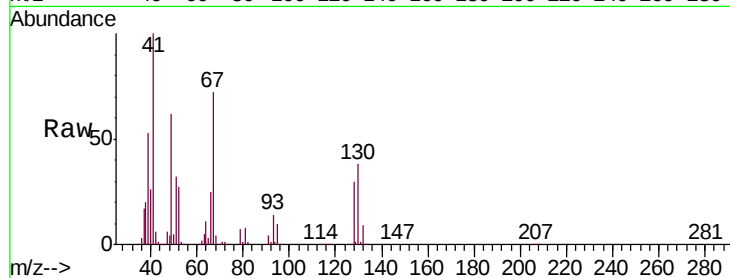




#41
Methacrylonitrile
Concen: 181.009 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

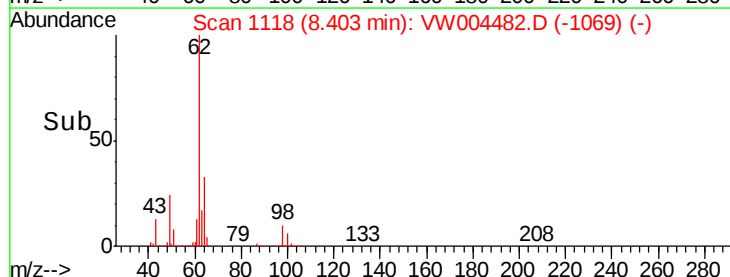
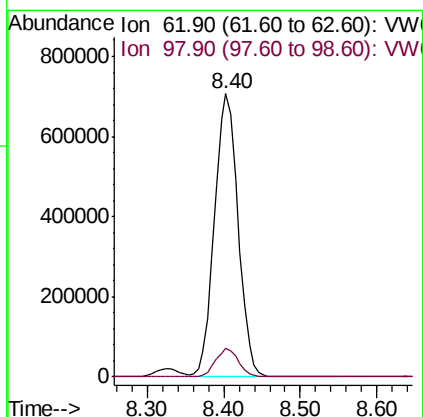
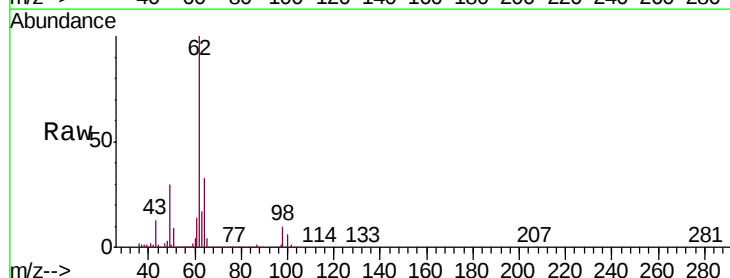
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

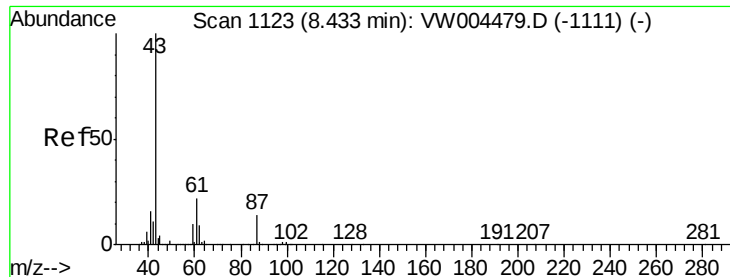
Tgt Ion:	41	Resp:	528163
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.2	69.2
67	75.5	60.8	91.2
52	30.0	23.8	35.6



#42
1,2-Dichloroethane
Concen: 152.756 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion:	62	Resp:	1509981
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 189.432 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

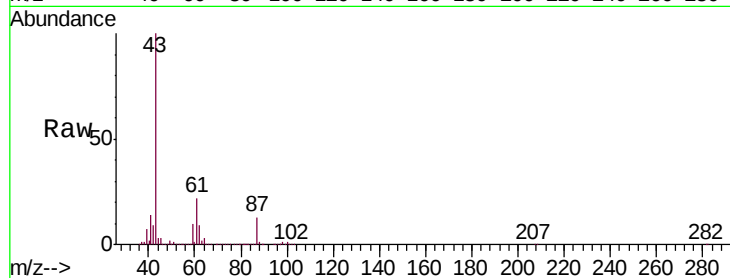
MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1734510

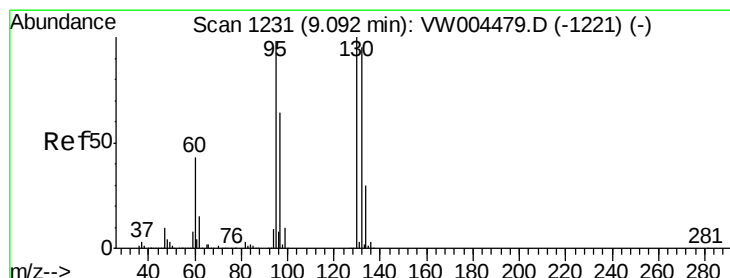
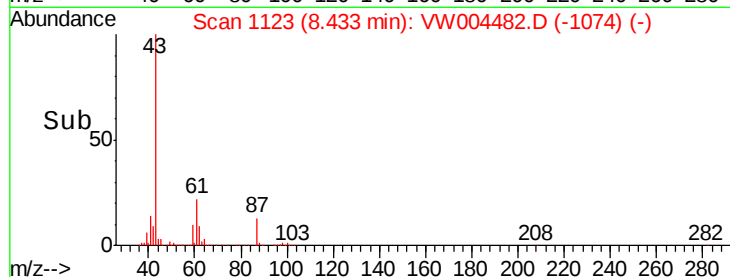
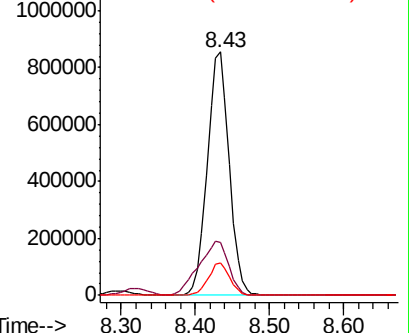
Ion	Ratio	Lower	Upper
43	100		
61	30.5	25.2	37.8
87	13.1	10.6	16.0



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: 149.452 ug/l

RT: 9.09 min Scan# 1231

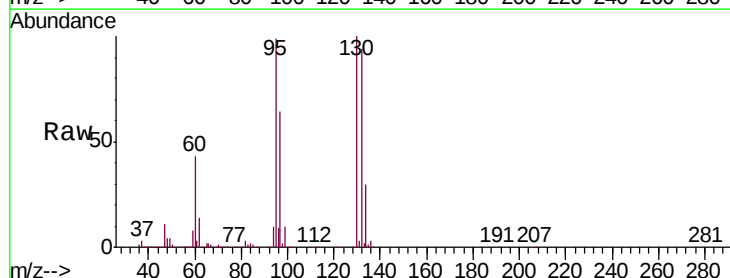
Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

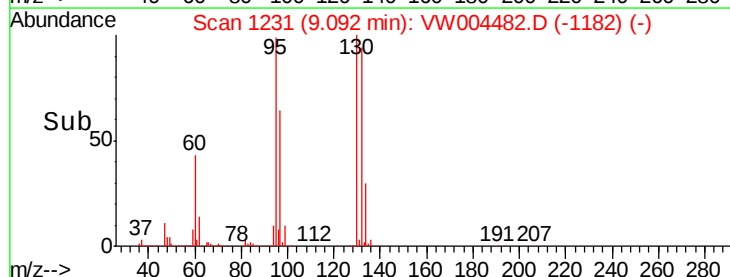
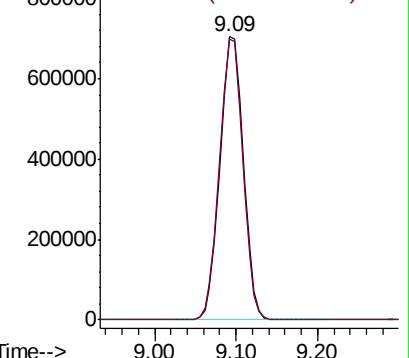
Tgt Ion: 130 Resp: 1387484

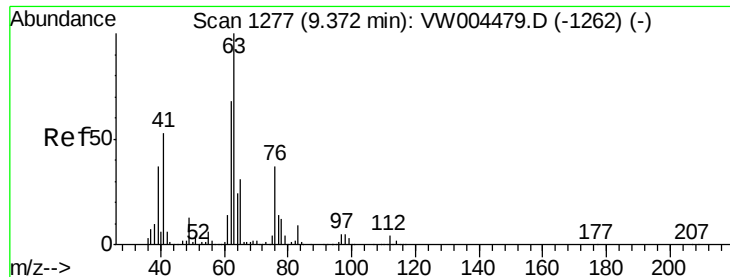
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

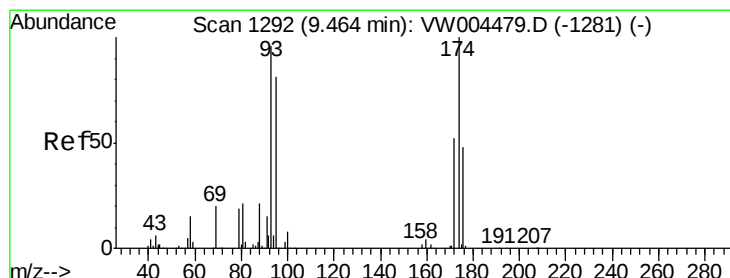
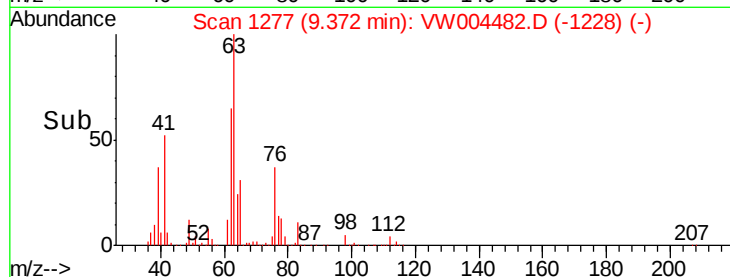
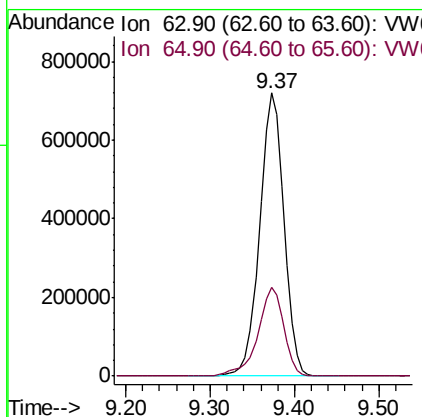
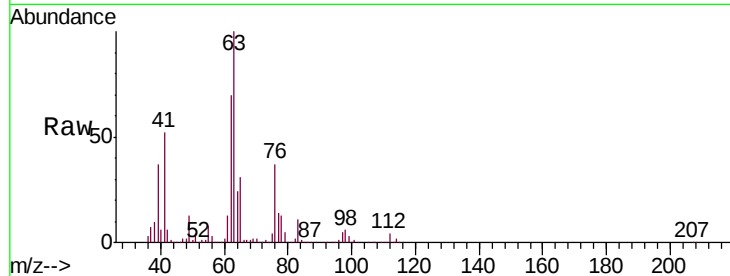




#45
 1,2-Dichloropropane
 Concen: 164.692 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

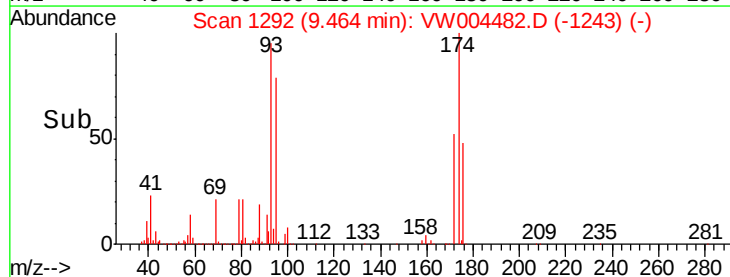
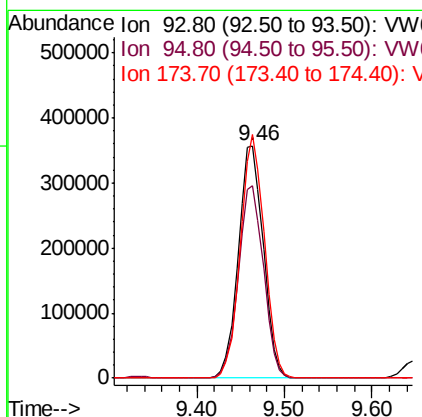
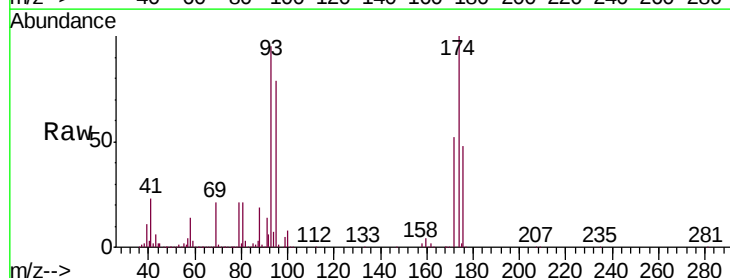
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

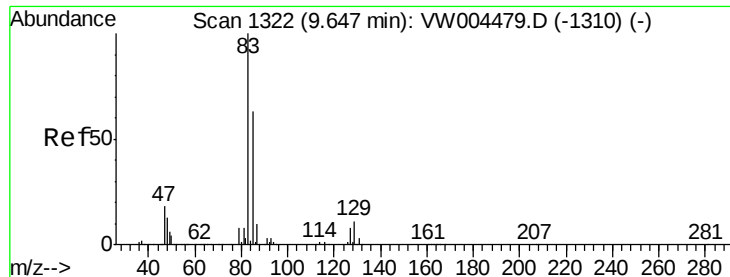
Tgt Ion: 63 Resp: 1421136
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.5 36.7



#46
 Dibromomethane
 Concen: 160.232 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 93 Resp: 707808
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 100.8 80.2 120.4





#47

Bromodichloromethane

Concen: 155.500 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

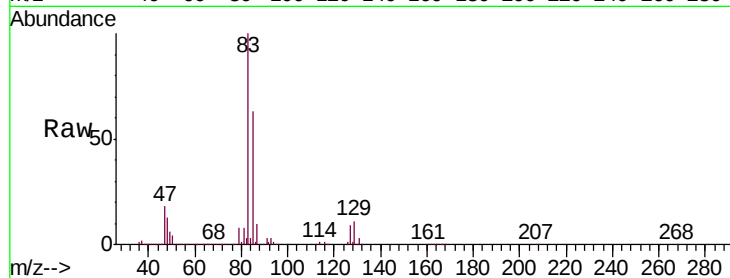
Tgt Ion: 83 Resp: 1719804

Ion Ratio Lower Upper

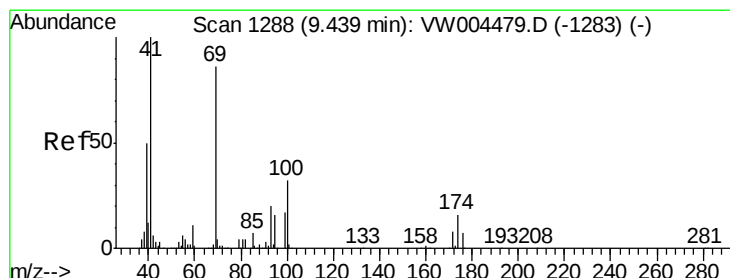
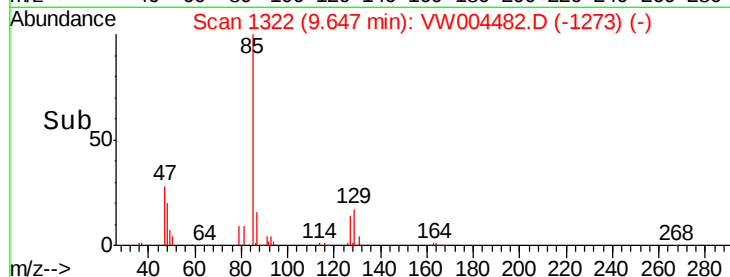
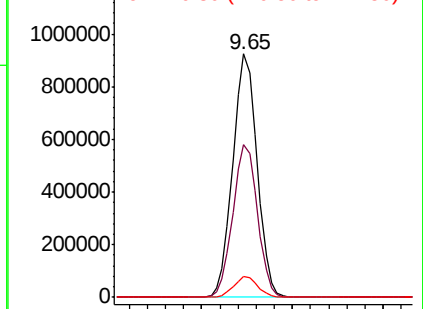
83 100

85 62.9 50.7 76.1

127 8.5 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 179.269 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

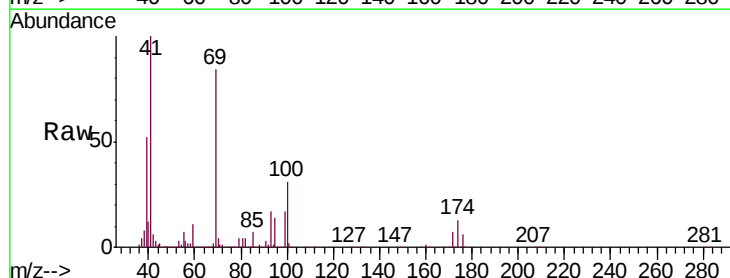
Tgt Ion: 41 Resp: 829269

Ion Ratio Lower Upper

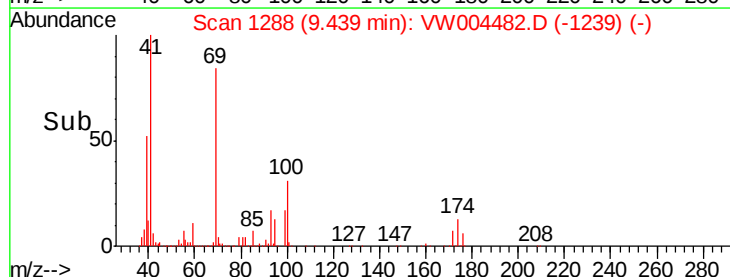
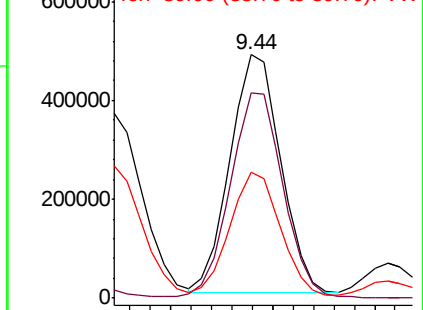
41 100

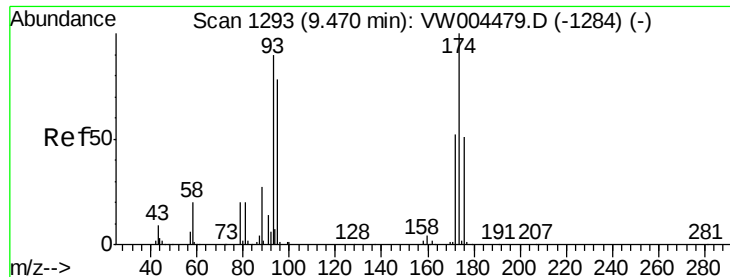
69 90.5 73.2 109.8

39 51.3 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 3487.352 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

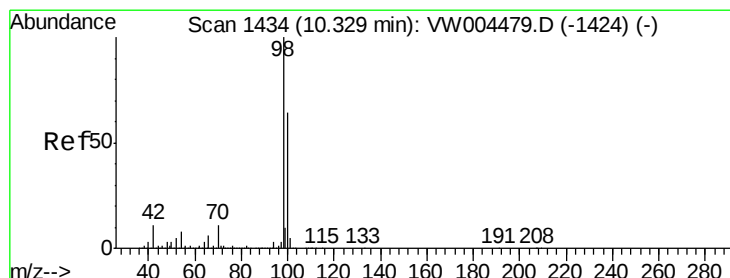
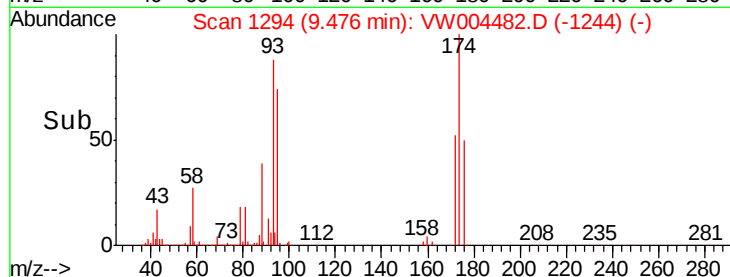
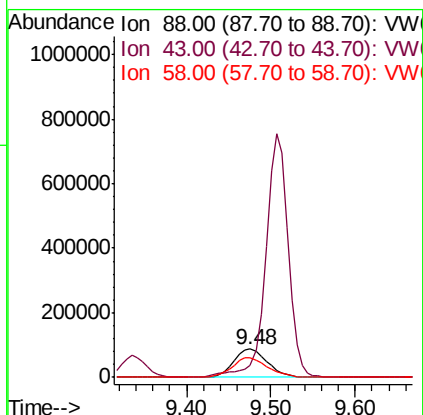
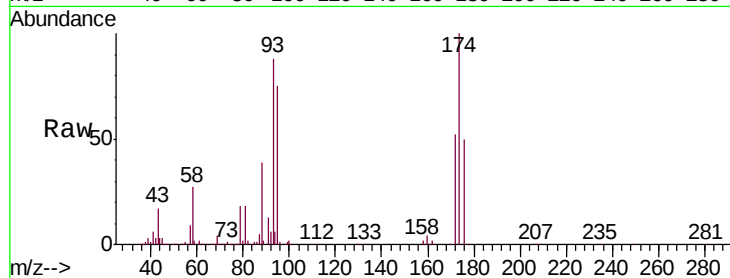
Tgt Ion: 88 Resp: 234101

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.1 63.5 95.3



#50

Toluene-d8

Concen: 151.702 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004482.D

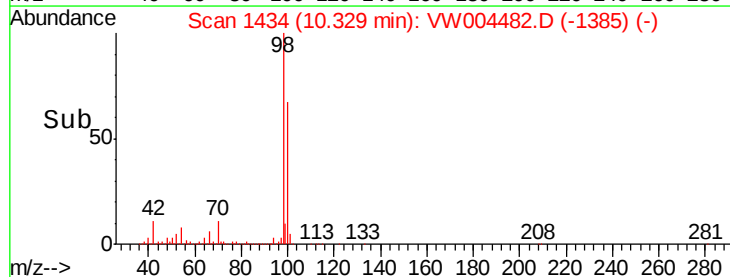
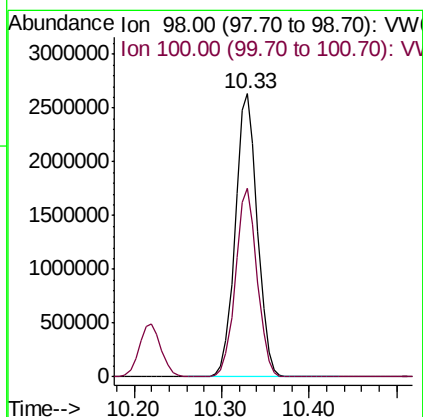
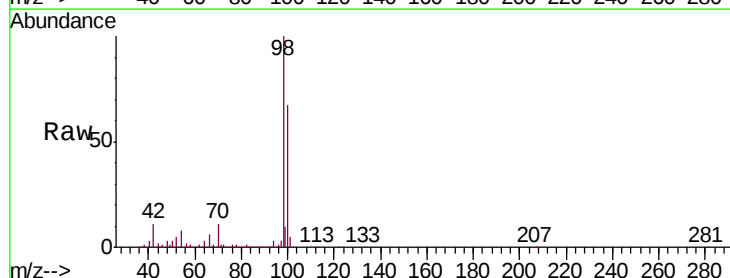
Acq: 06 Aug 2018 20:53

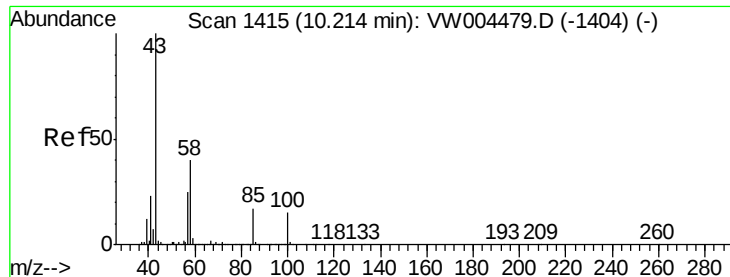
Tgt Ion: 98 Resp: 4618394

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2

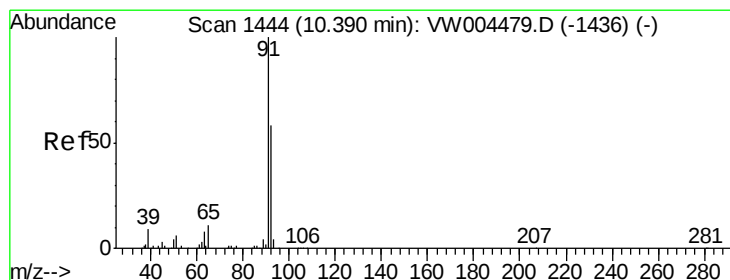
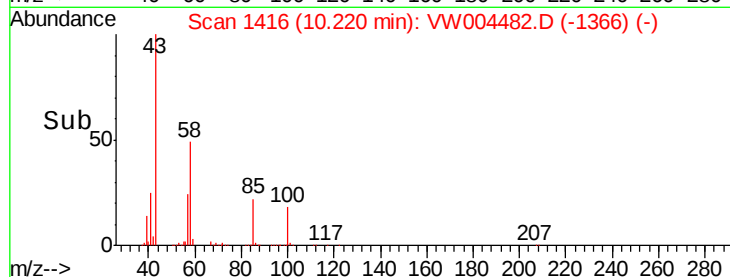
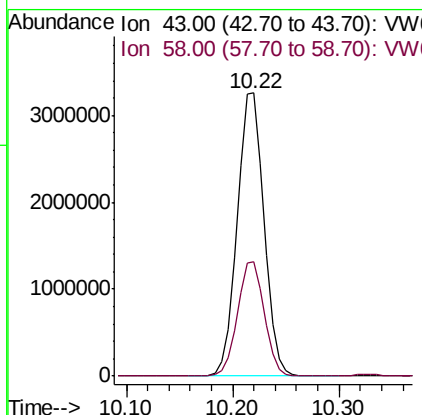
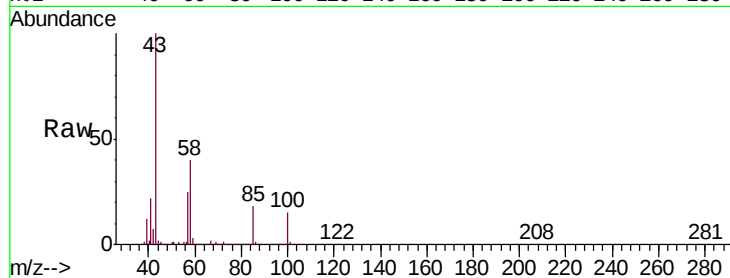




#51
 4-Methyl-2-Pentanone
 Concen: 1081.309 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

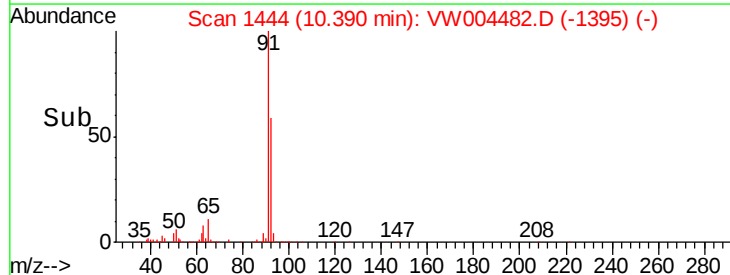
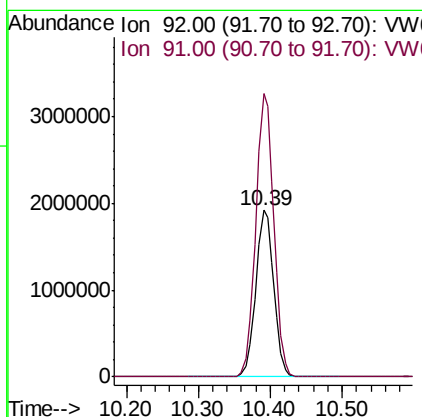
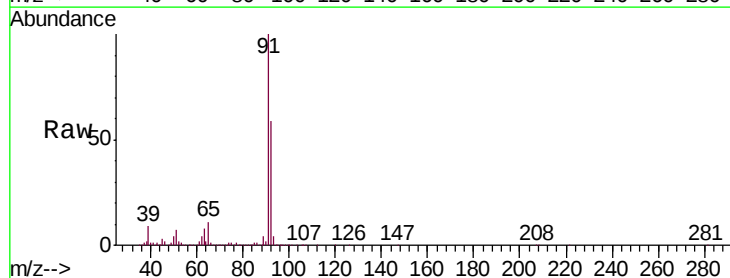
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

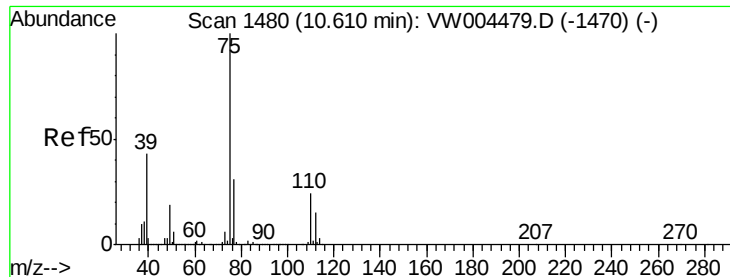
Tgt Ion: 43 Resp: 5764962
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.9 47.9



#52
 Toluene
 Concen: 153.952 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 92 Resp: 3336379
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 163.224 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

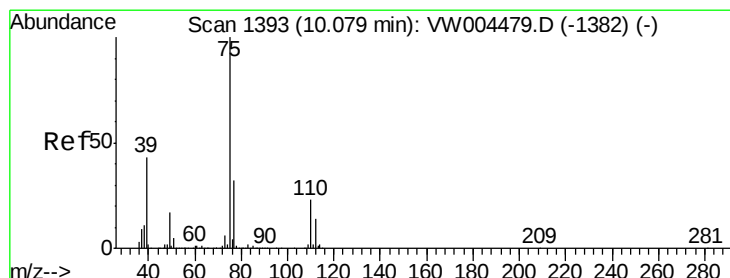
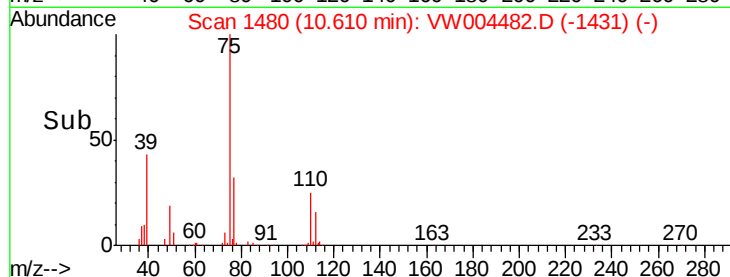
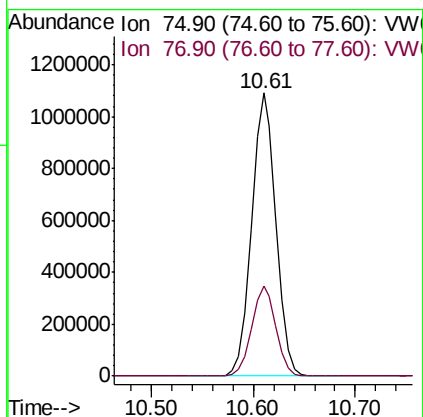
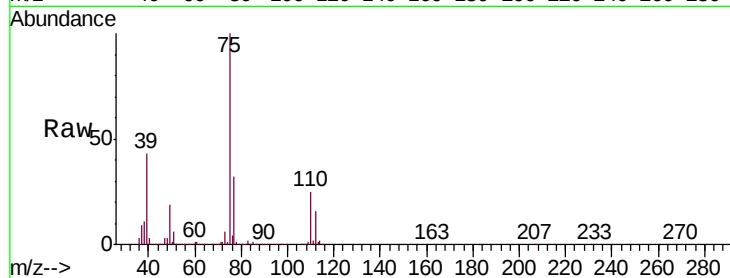
VSTDIC150

Tgt Ion: 75 Resp: 1807943

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 162.943 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

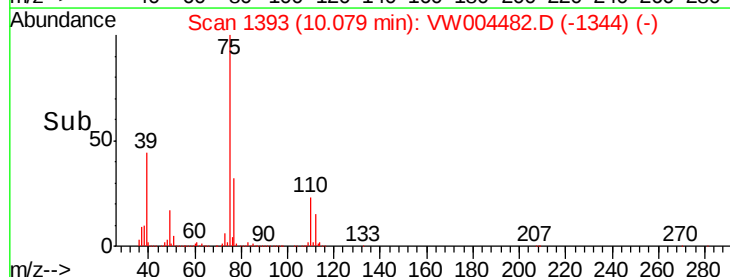
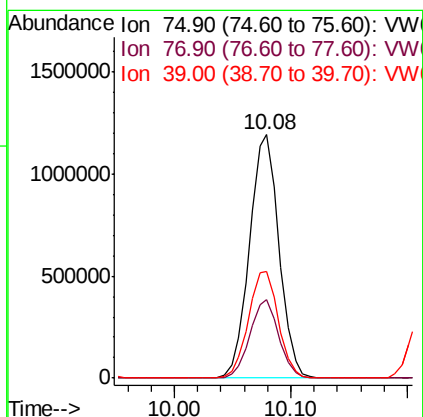
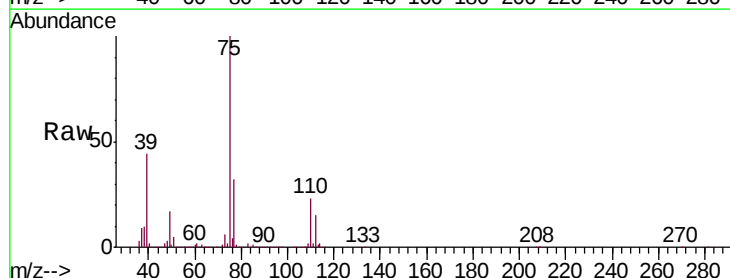
Tgt Ion: 75 Resp: 2105725

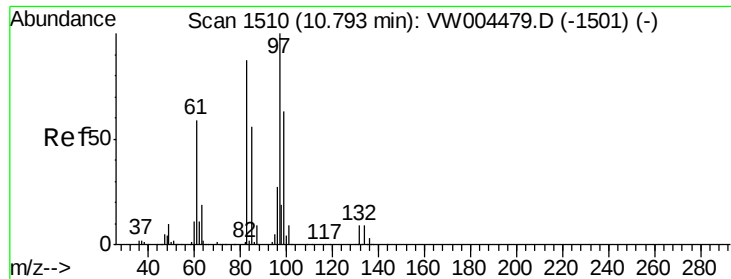
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 43.8 34.5 51.7

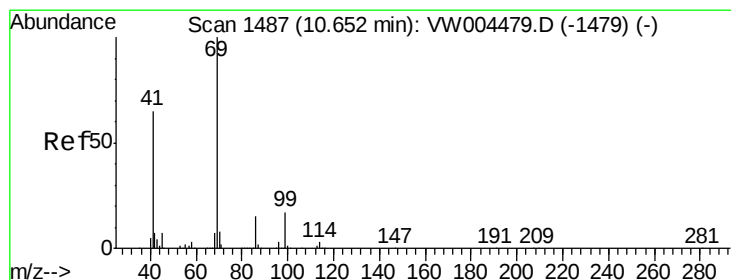
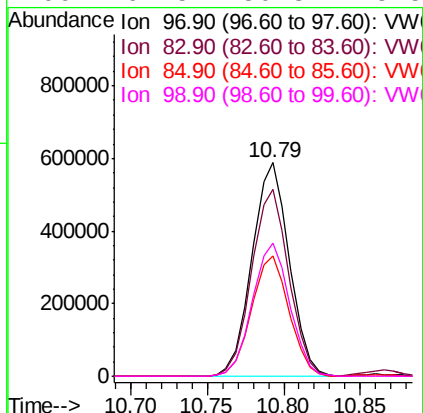
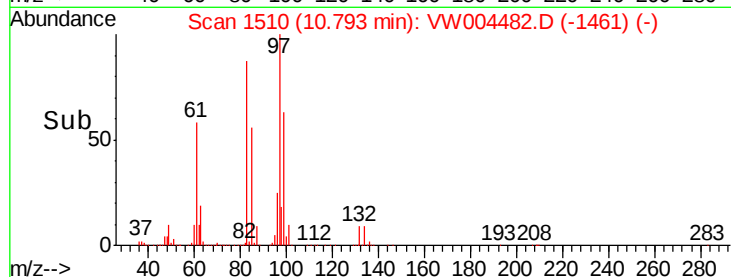
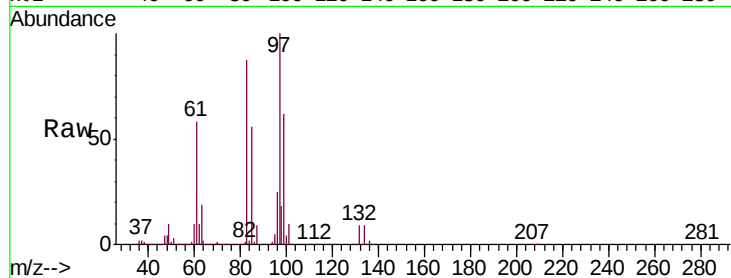




#55
 1,1,2-Trichloroethane
 Concen: 159.216 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

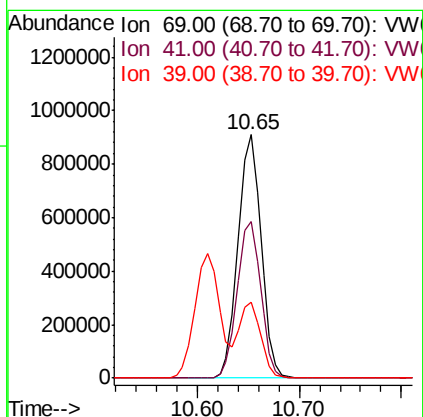
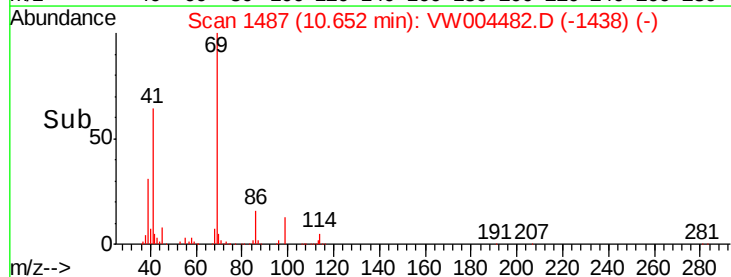
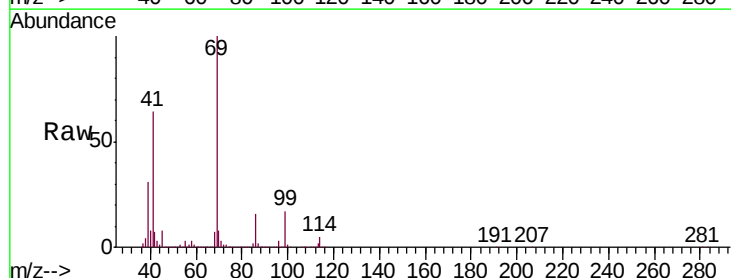
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

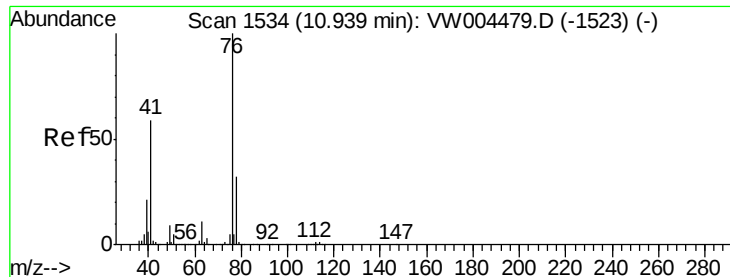
Tgt Ion:	97	Resp:	998852
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.8	104.8
85	56.1	45.1	67.7
99	62.5	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 186.701 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion:	69	Resp:	1423733
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.4	78.6
39	28.5	22.7	34.1

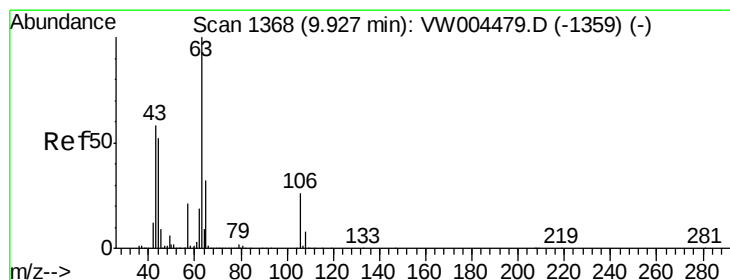
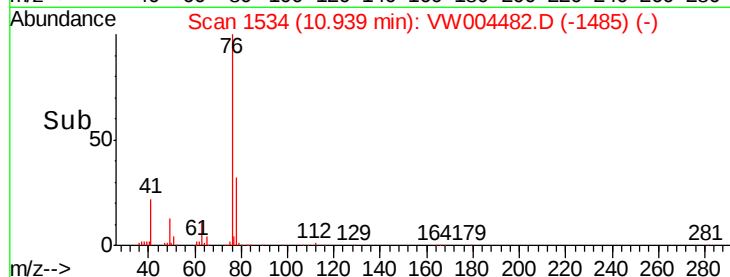
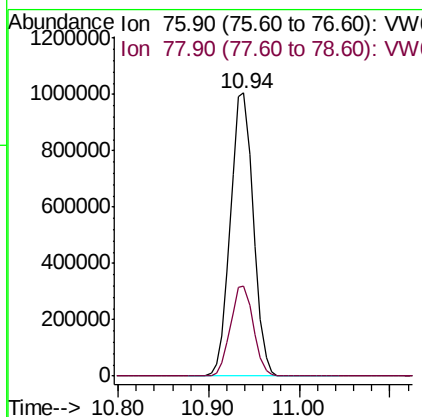
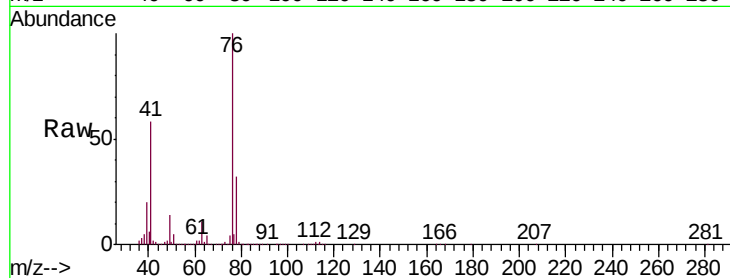




#57
 1,3-Dichloropropane
 Concen: 164.273 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

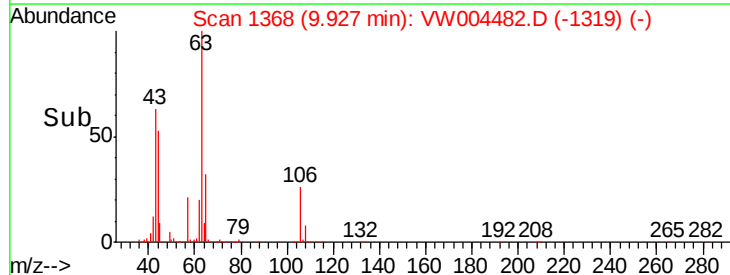
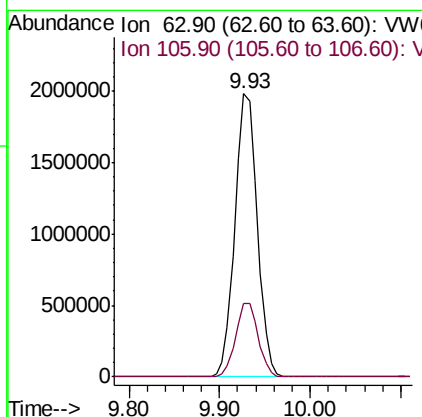
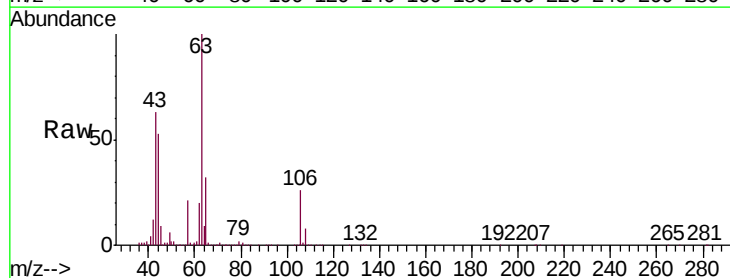
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

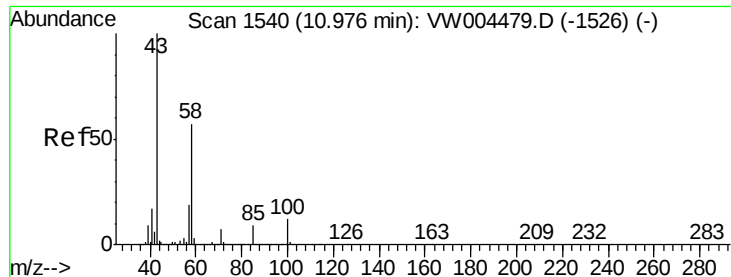
Tgt Ion: 76 Resp: 1761635
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 972.038 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 63 Resp: 3392575
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9

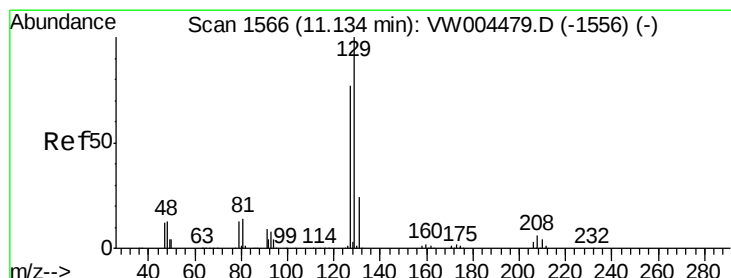
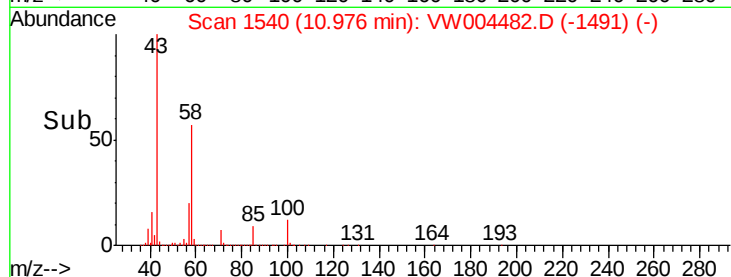
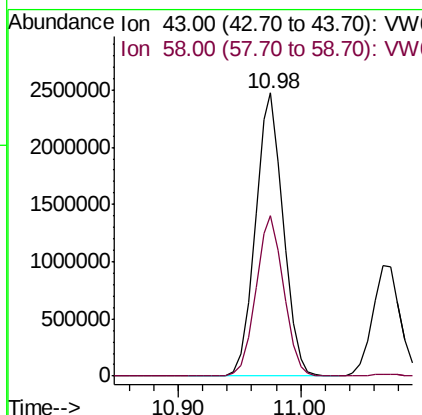
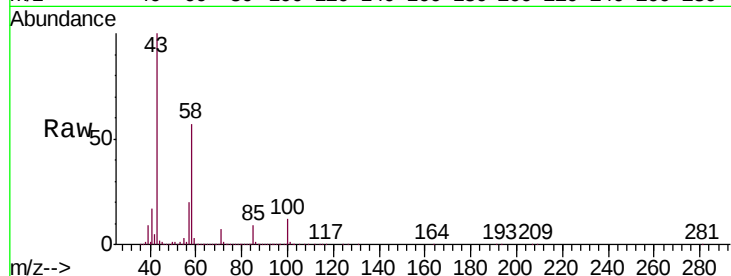




#59
2-Hexanone
Concen: 1071.799 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

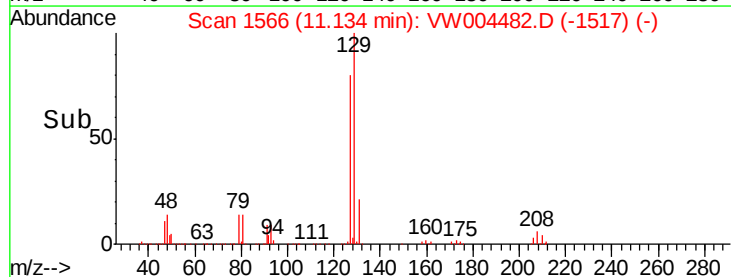
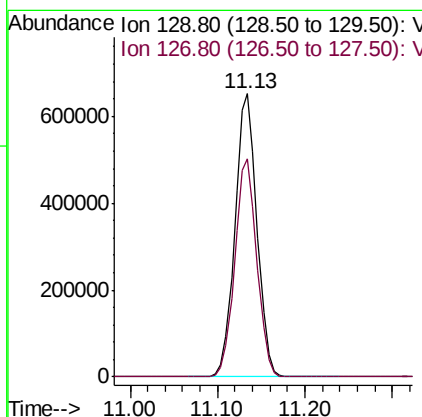
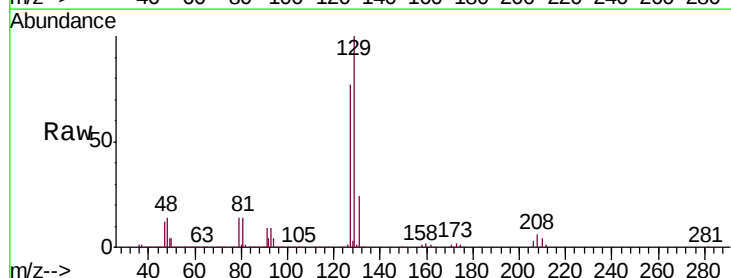
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

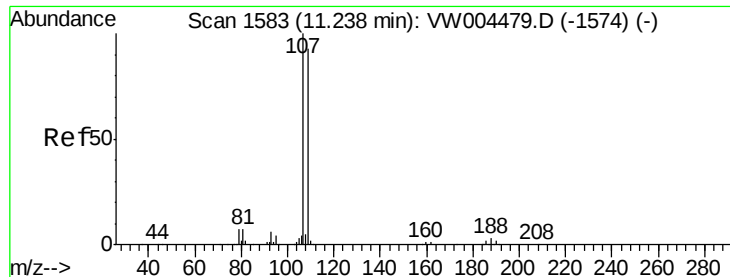
Tgt Ion: 43 Resp: 3910674
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.6



#60
Dibromochloromethane
Concen: 152.615 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 129 Resp: 1136733
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

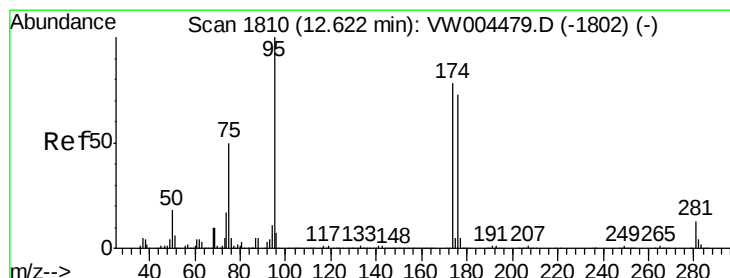
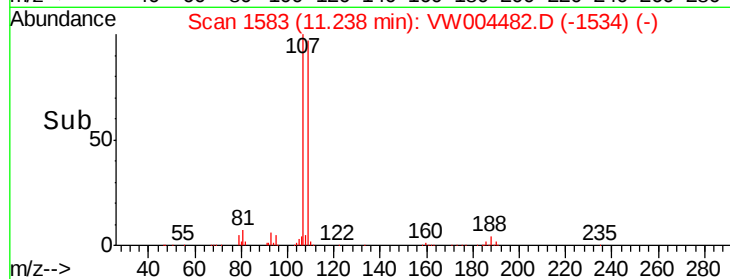
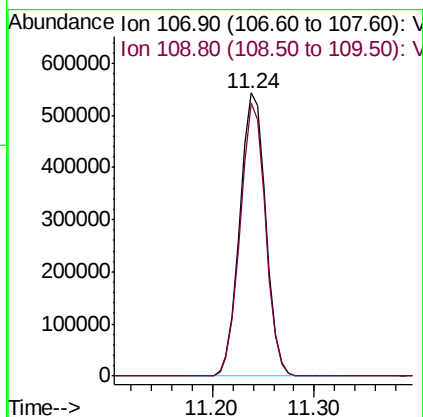
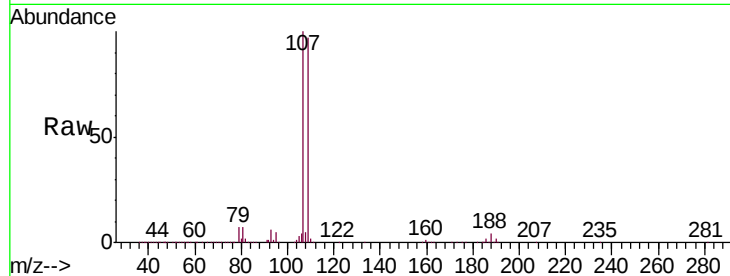




#61
 1,2-Dibromoethane
 Concen: 159.046 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

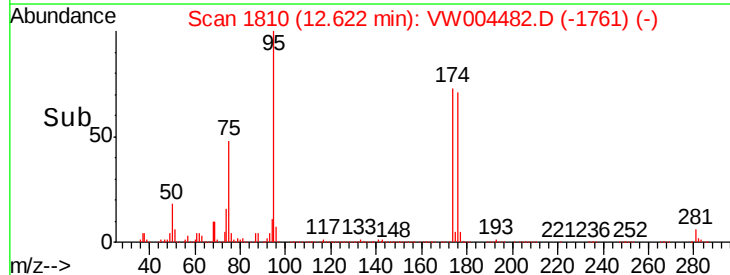
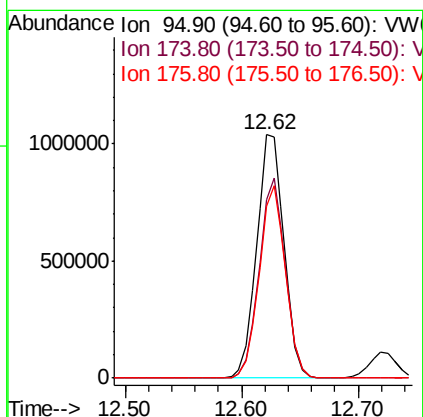
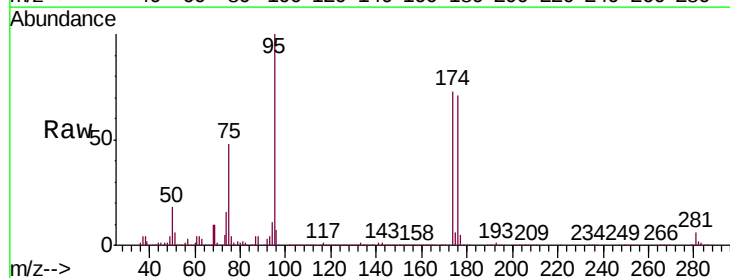
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

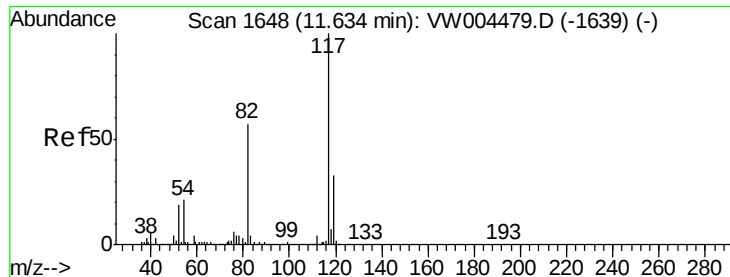
Tgt Ion: 107 Resp: 953235
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 156.801 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion: 95 Resp: 1697181
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 160.4
 176 76.4 0.0 153.2

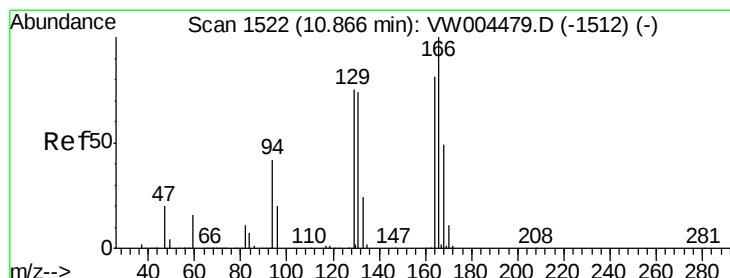
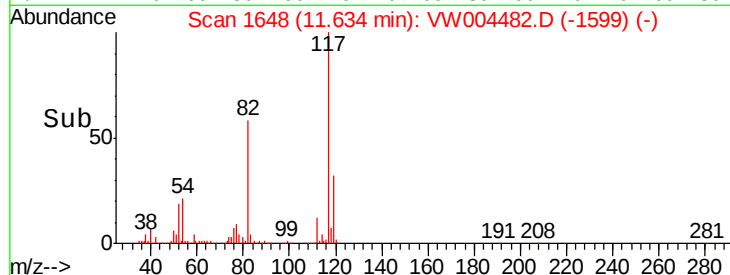
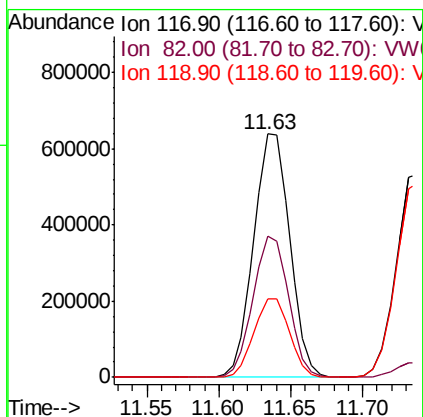
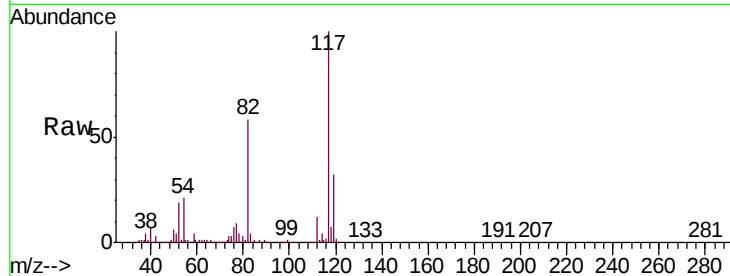




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

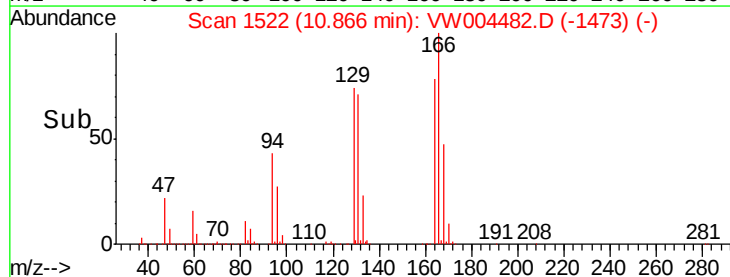
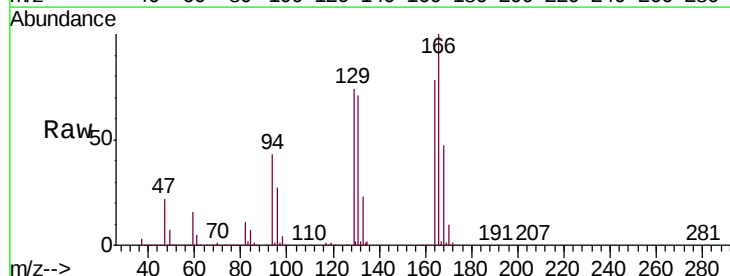
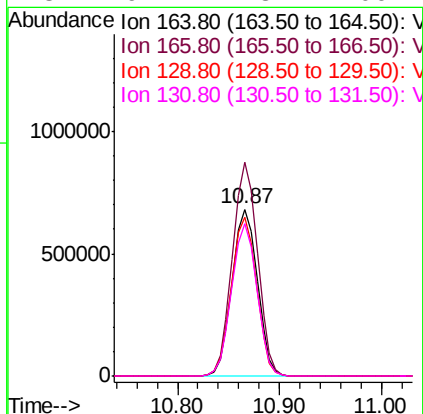
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

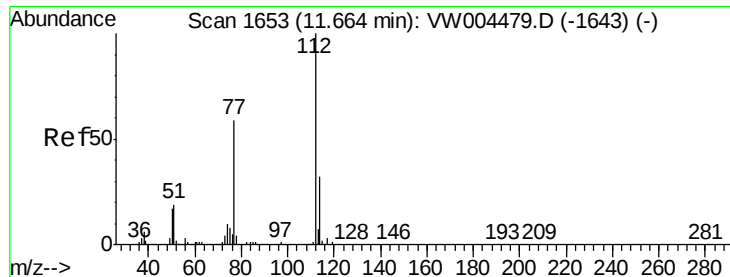
Tgt Ion:117 Resp: 1109260
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 144.710 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion:164 Resp: 1167983
Ion Ratio Lower Upper
164 100
166 128.3 98.4 147.6
129 95.2 73.6 110.4
131 91.4 73.1 109.7

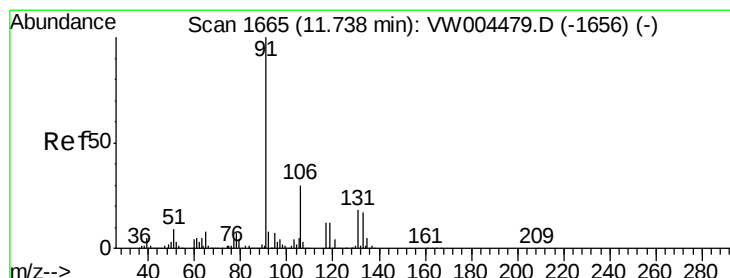
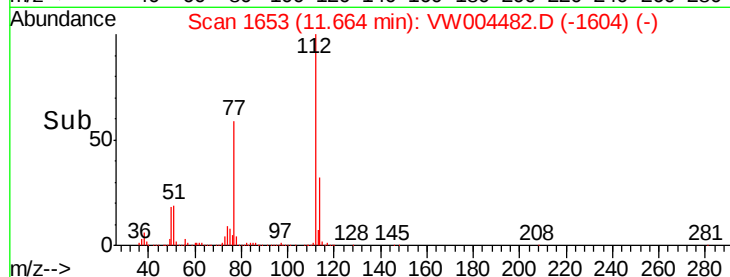
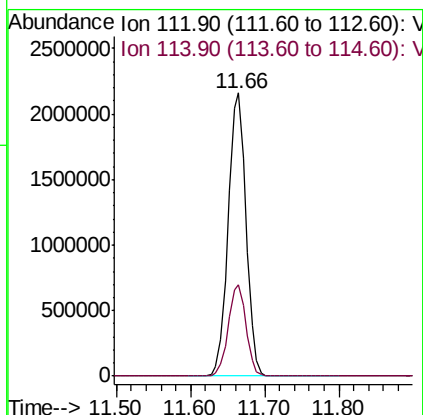
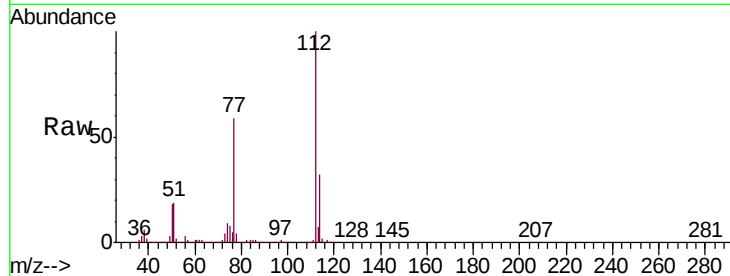




#65
Chlorobenzene
Concen: 154.423 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

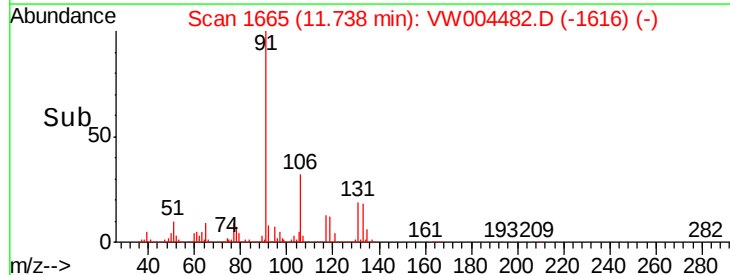
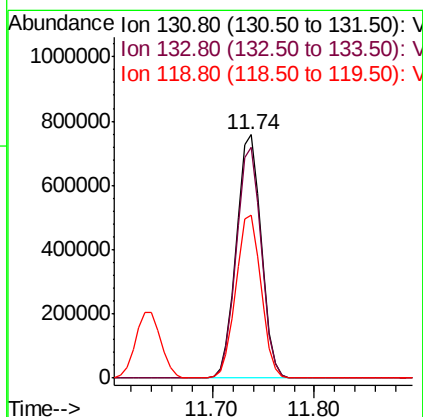
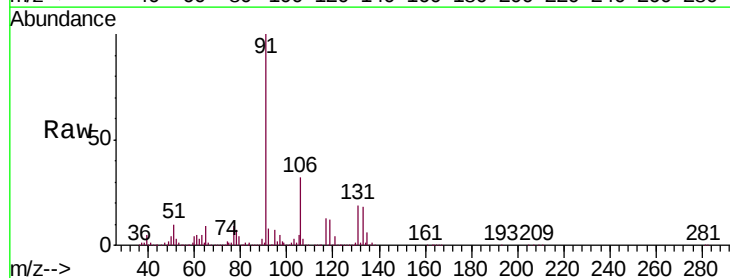
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

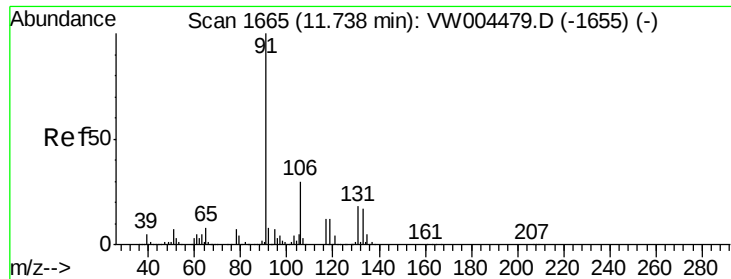
Tgt Ion:112 Resp: 3607458
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 154.047 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion:131 Resp: 1270713
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 67.6 33.9 101.7

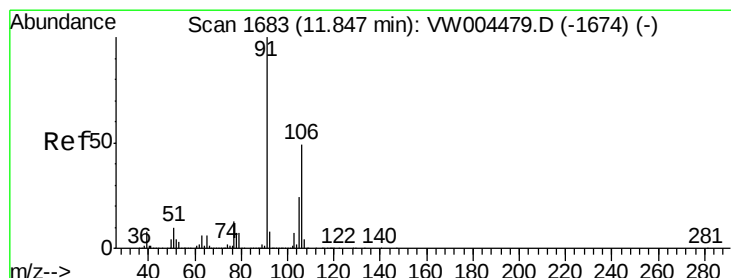
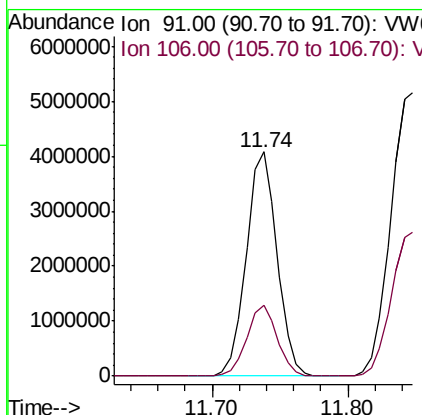
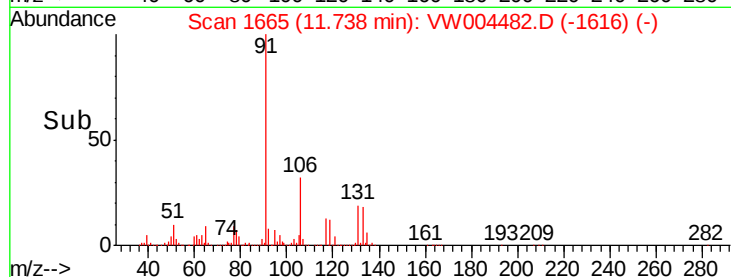
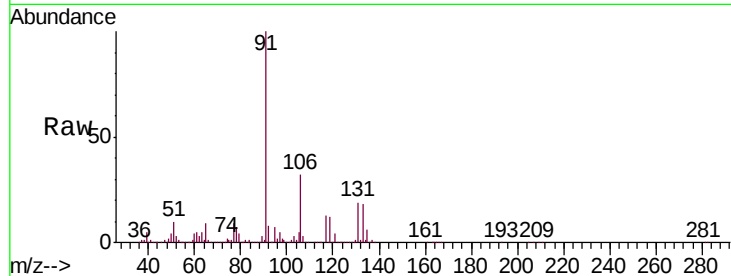




#67
Ethyl Benzene
Concen: 157.911 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

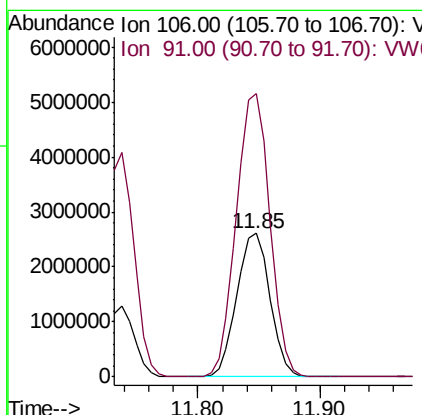
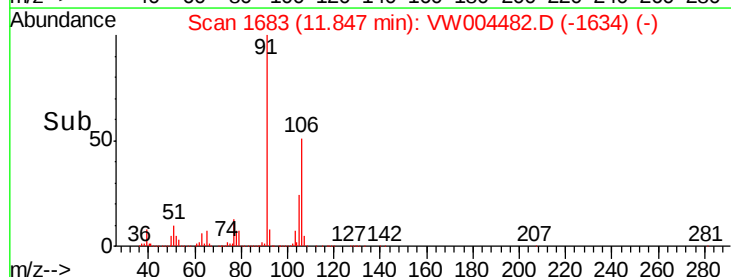
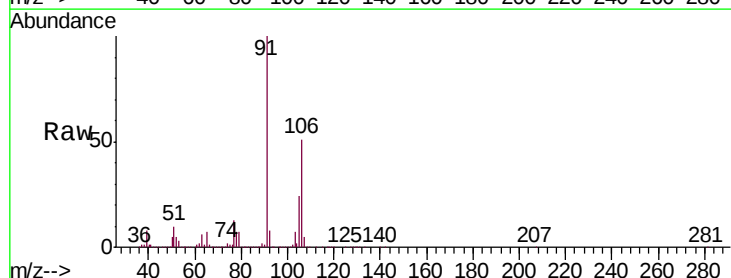
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

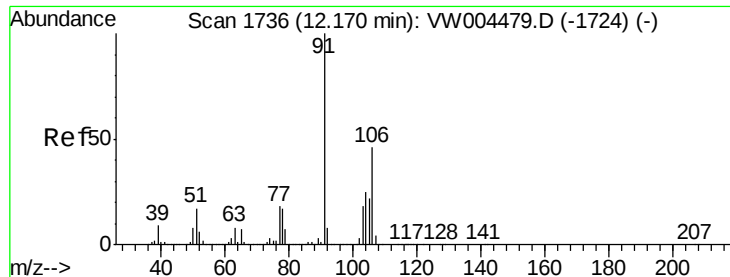
Tgt Ion: 91 Resp: 6456732
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2



#68
m/p-Xylenes
Concen: 313.005 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion: 106 Resp: 4911184
Ion Ratio Lower Upper
106 100
91 200.3 162.8 244.2

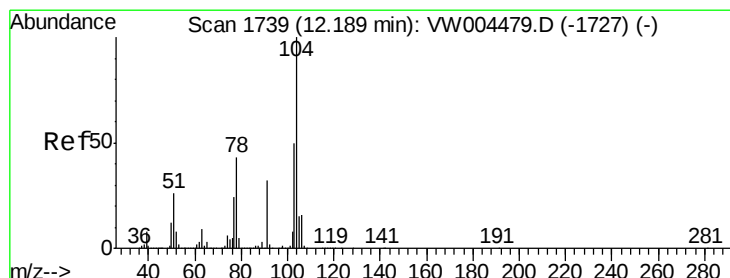
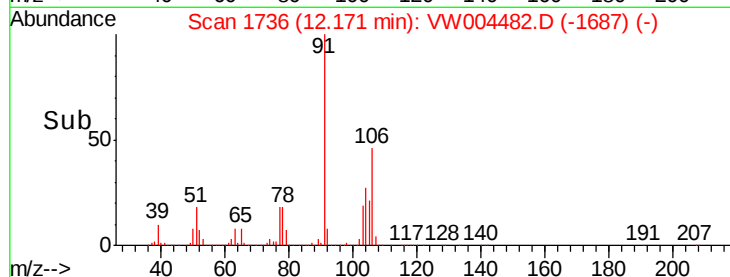
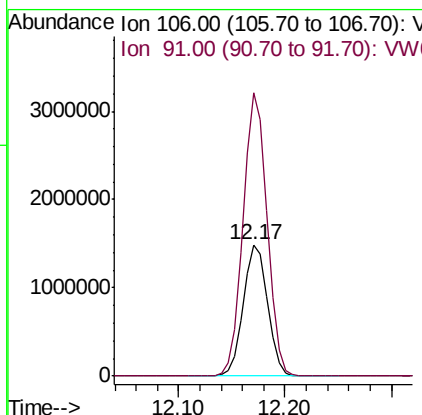
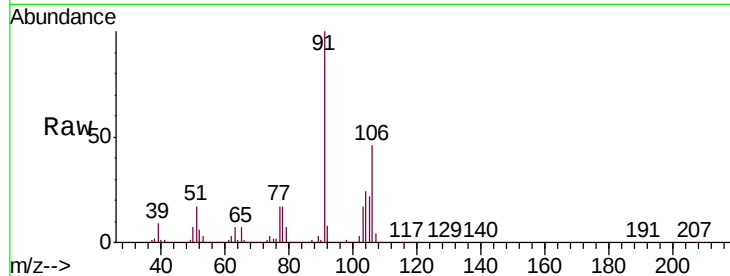




#69
o-Xylene
Concen: 164.614 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

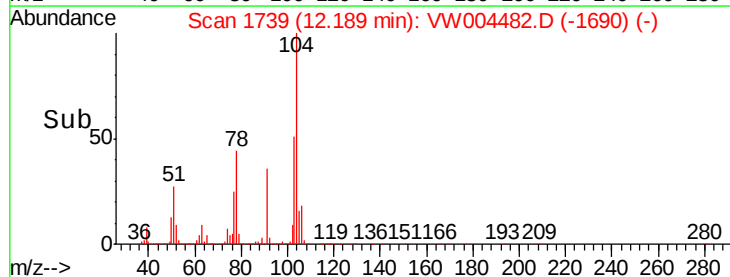
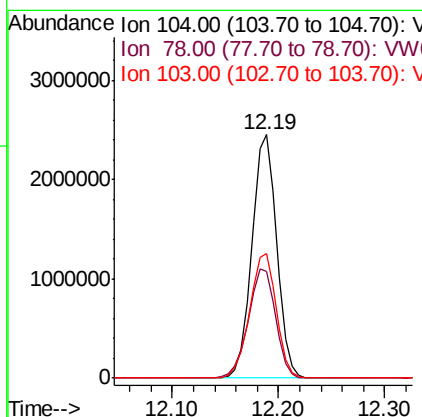
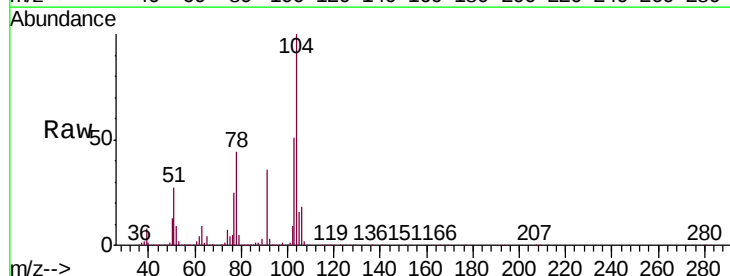
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

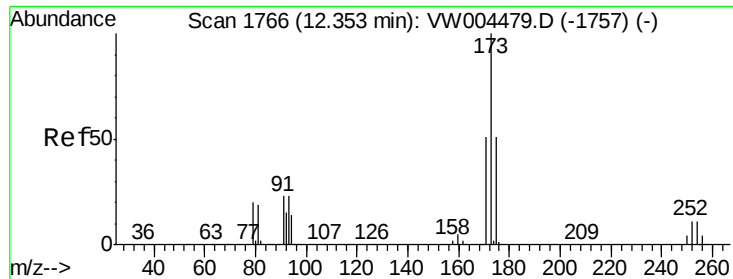
Tgt Ion:106 Resp: 2388428
Ion Ratio Lower Upper
106 100
91 213.0 106.7 320.2



#70
Styrene
Concen: 162.353 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion:104 Resp: 3995109
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.4
103 55.3 44.2 66.2

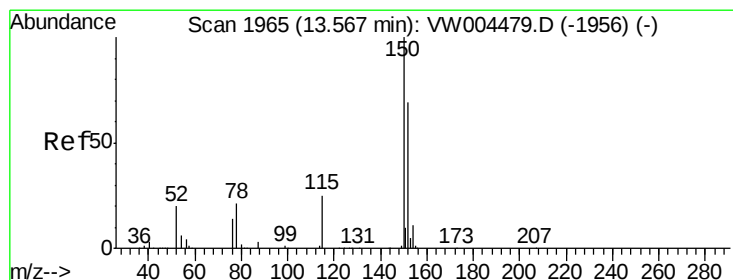
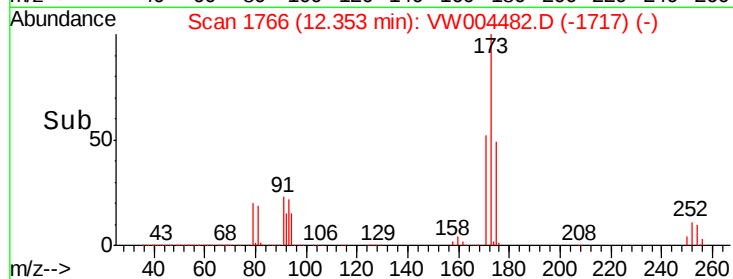
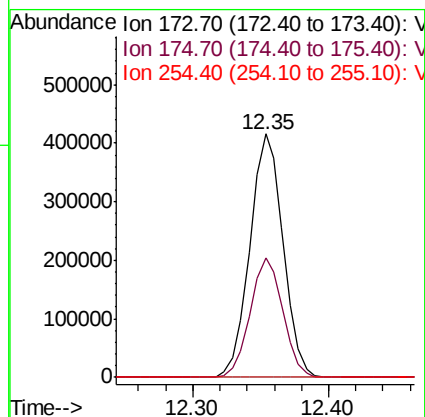
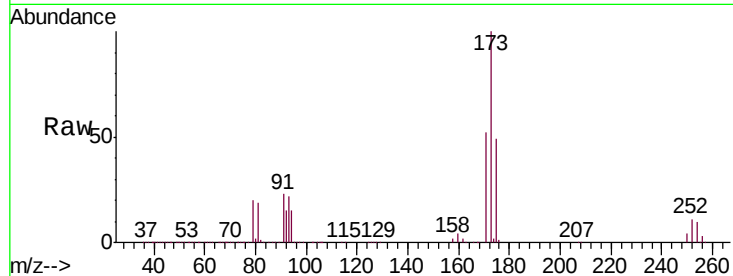




#71
Bromoform
Concen: 153.469 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

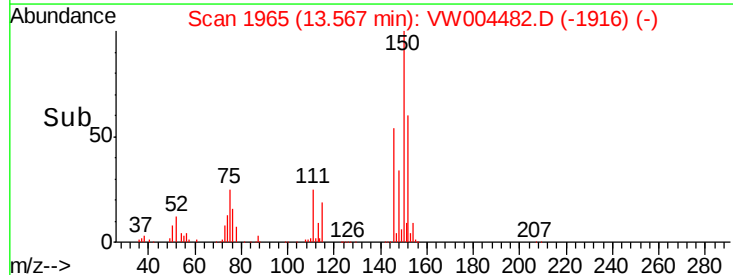
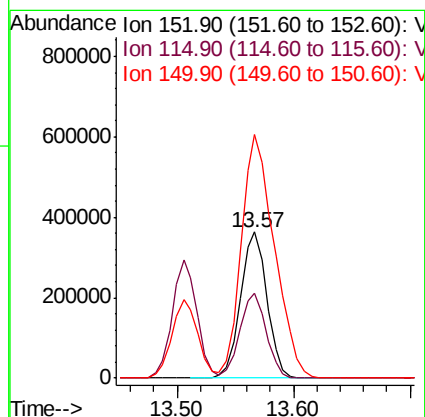
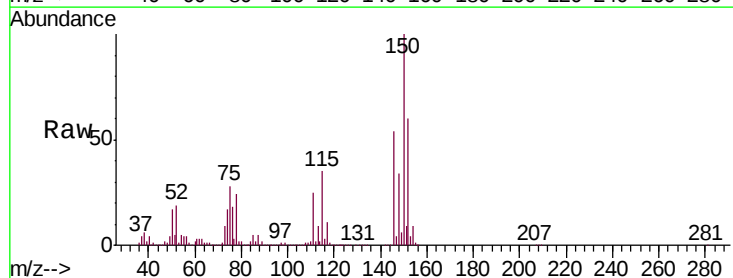
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

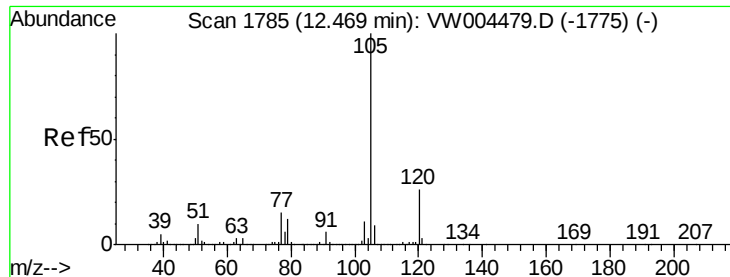
Tgt Ion:173 Resp: 707833
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion:152 Resp: 574726
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 207.5 0.0 349.6





#73

Isopropylbenzene

Concen: 160.437 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

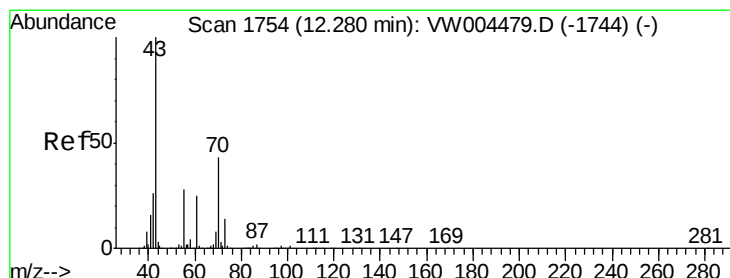
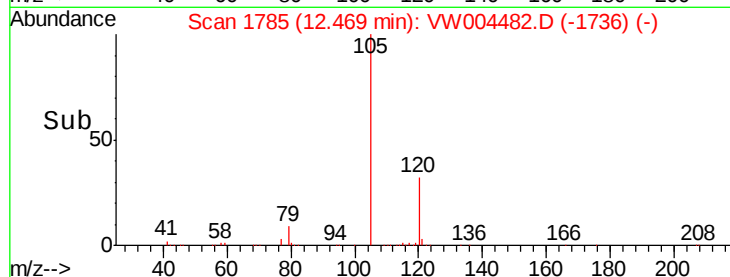
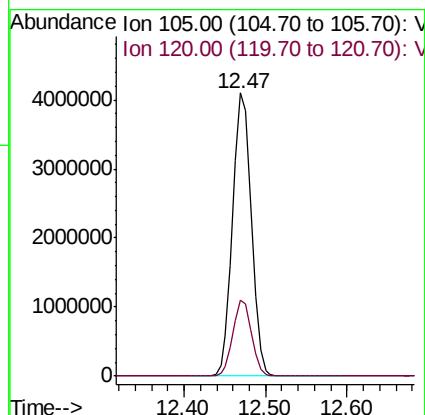
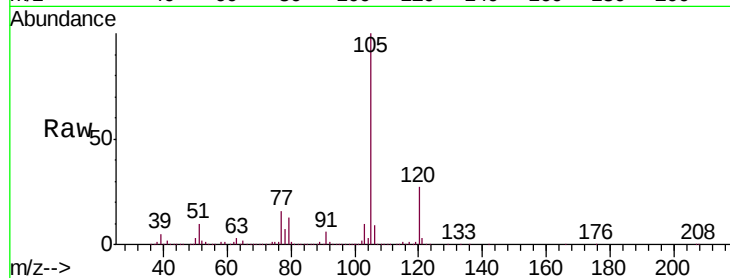
VSTDIC150

Tgt Ion:105 Resp: 6431923

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 190.113 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Tgt Ion: 43 Resp: 1674238

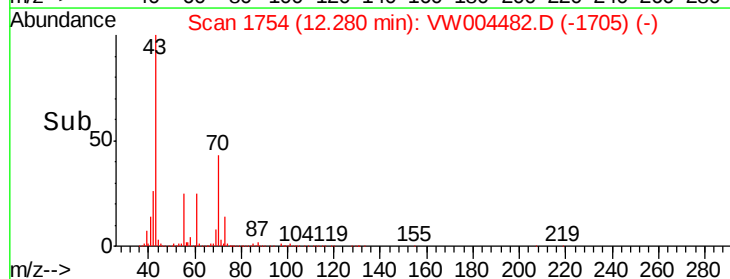
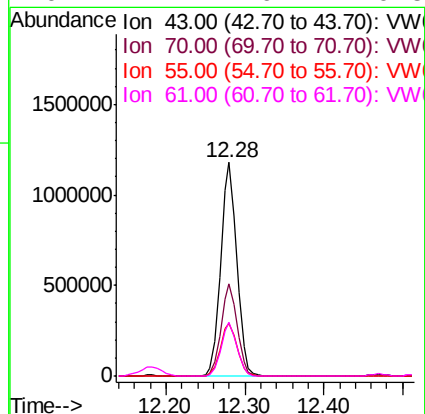
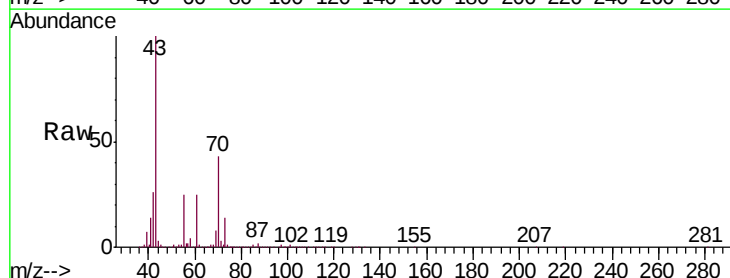
Ion Ratio Lower Upper

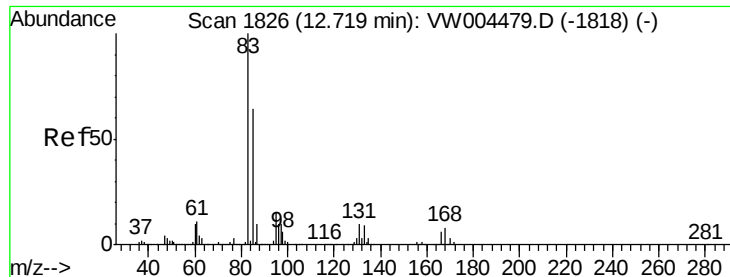
43 100

70 43.2 35.3 52.9

55 25.7 22.9 34.3

61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 171.364 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

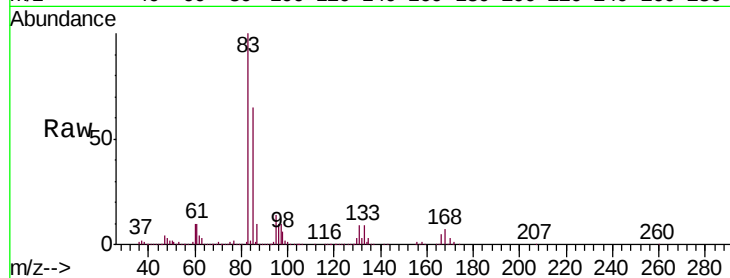
Tgt Ion: 83 Resp: 1231316

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

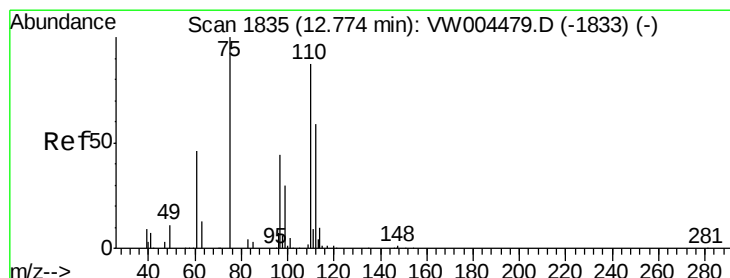
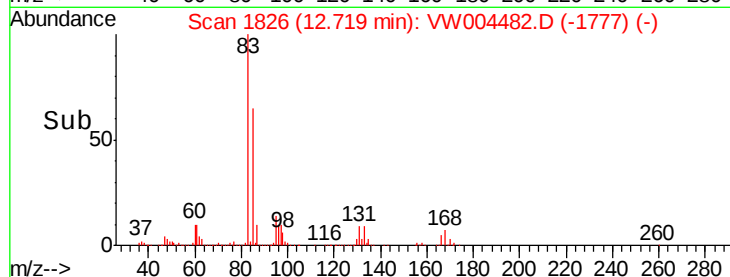
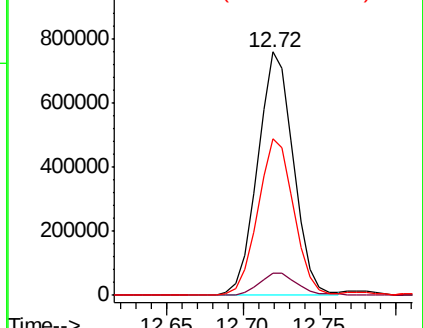
85 64.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 311.739 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004482.D

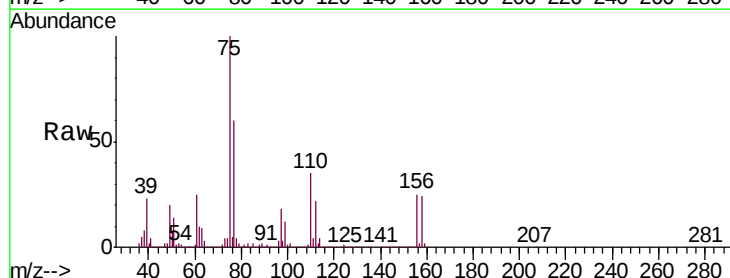
Acq: 06 Aug 2018 20:53

Tgt Ion: 75 Resp: 1619113

Ion Ratio Lower Upper

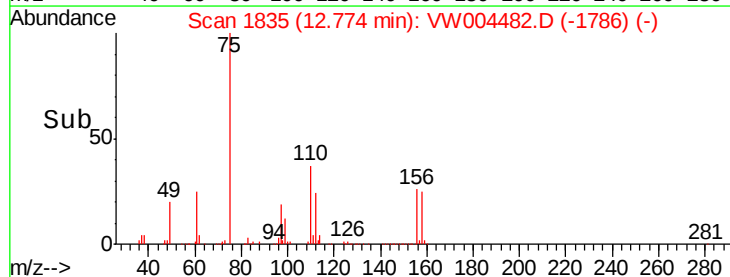
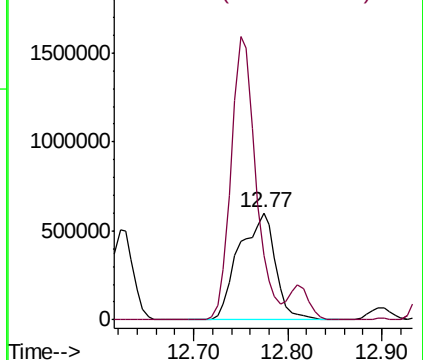
75 100

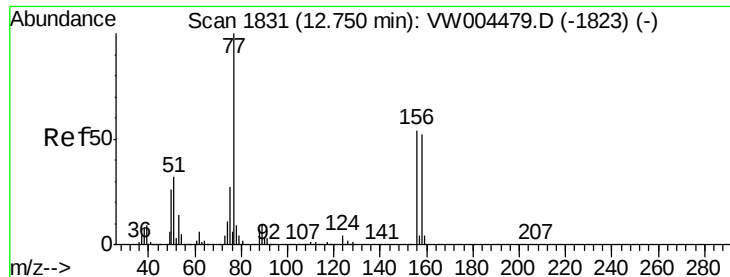
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 153.024 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

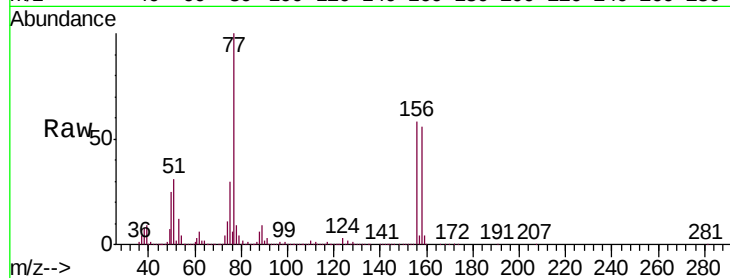
Tgt Ion:156 Resp: 1476019

Ion Ratio Lower Upper

156 100

77 197.2 98.7 296.1

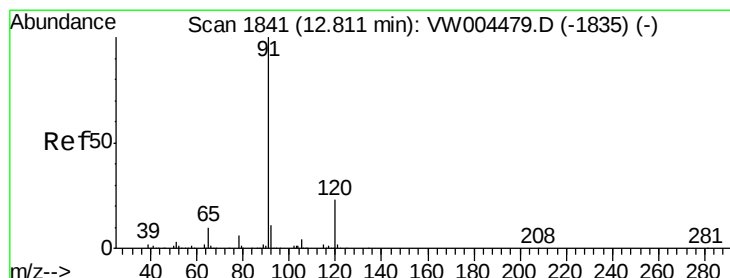
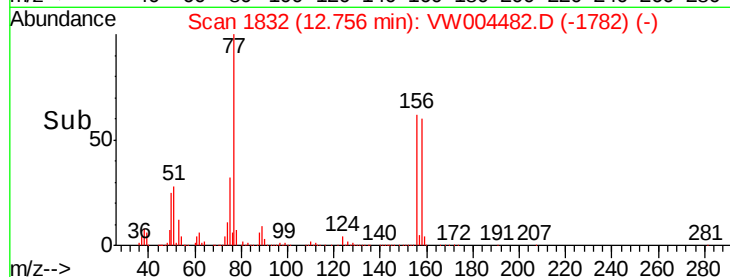
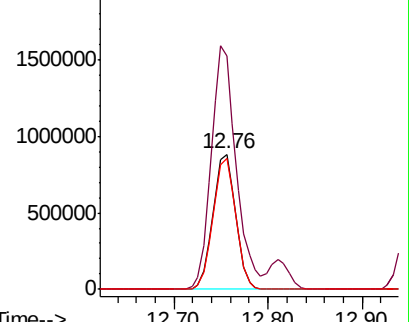
158 96.9 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 157.688 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004482.D

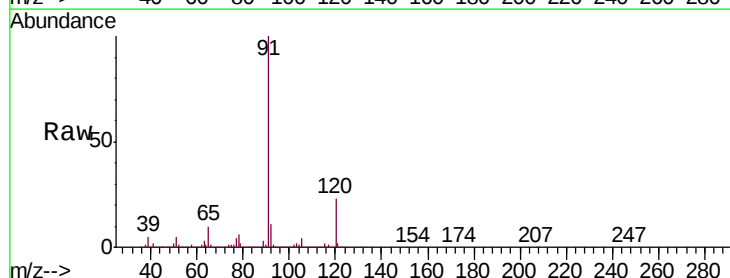
Acq: 06 Aug 2018 20:53

Tgt Ion: 91 Resp: 7685152

Ion Ratio Lower Upper

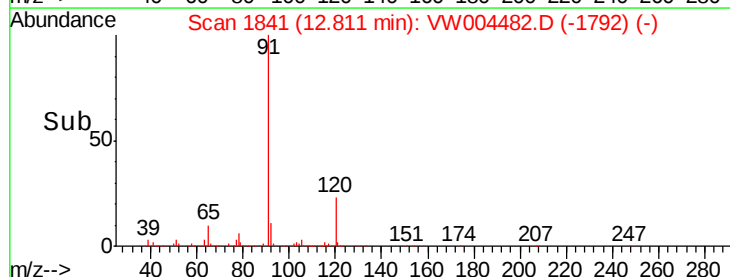
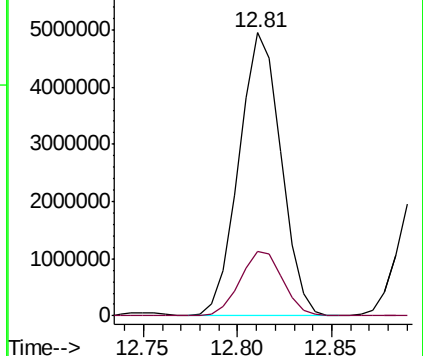
91 100

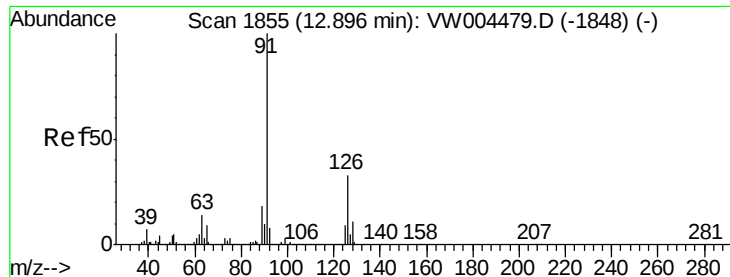
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 157.281 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

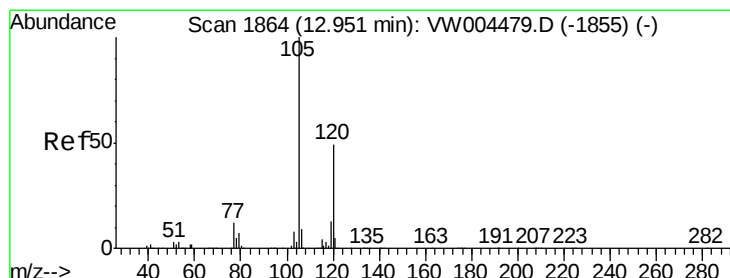
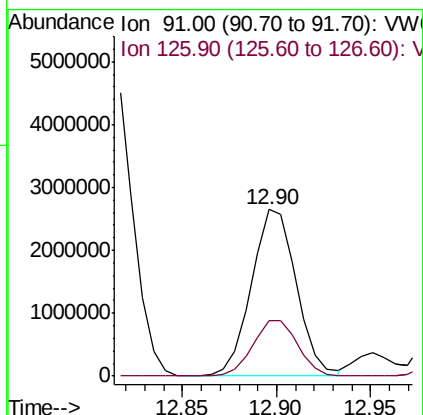
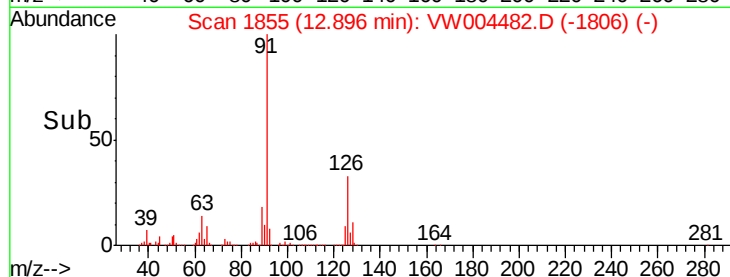
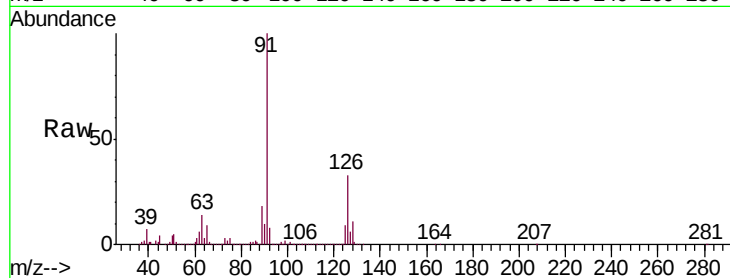
VSTDIC150

Tgt Ion: 91 Resp: 4392203

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 155.316 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004482.D

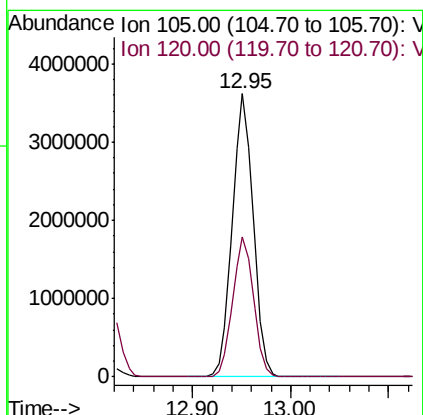
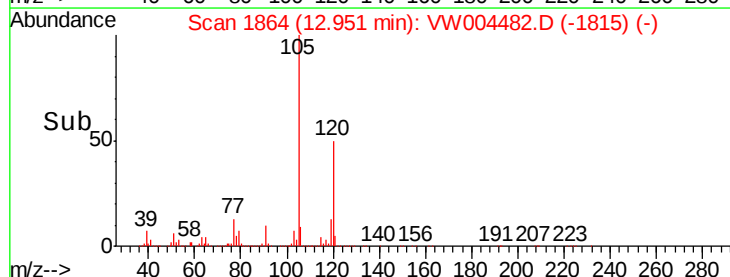
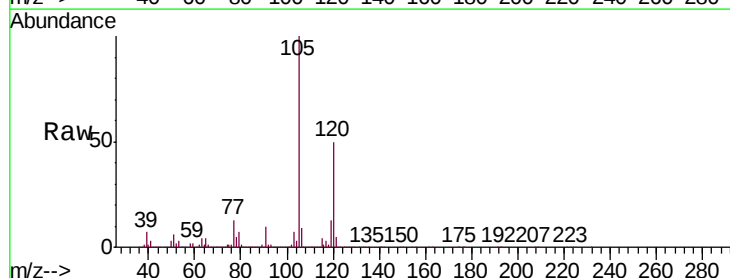
Acq: 06 Aug 2018 20:53

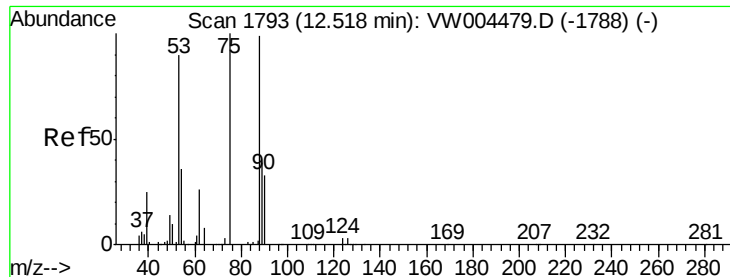
Tgt Ion: 105 Resp: 5361168

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 180.345 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

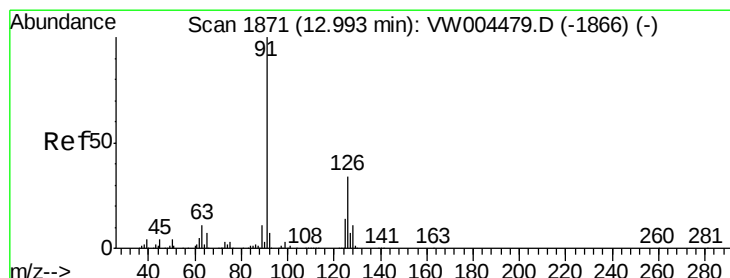
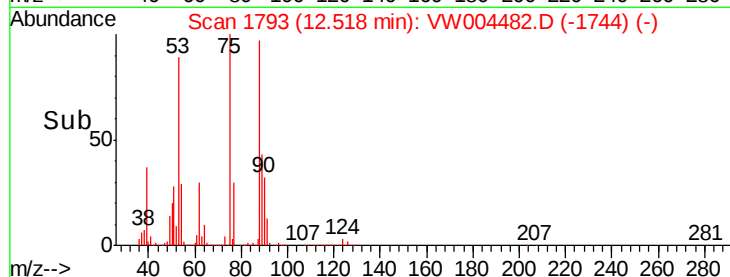
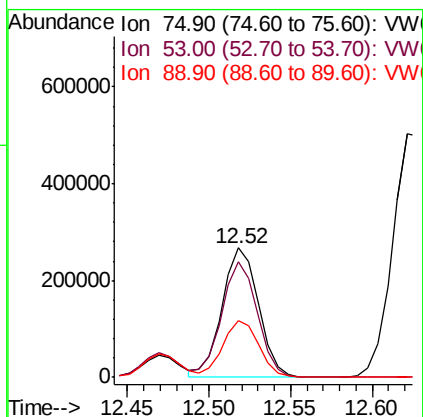
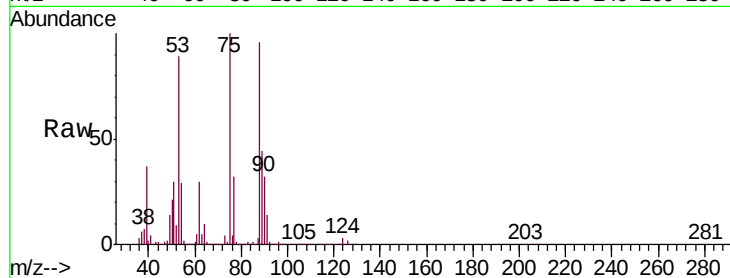
Tgt Ion: 75 Resp: 413009

Ion Ratio Lower Upper

75 100

53 88.8 74.4 111.6

89 43.5 35.9 53.9



#82

4-Chlorotoluene

Concen: 151.445 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004482.D

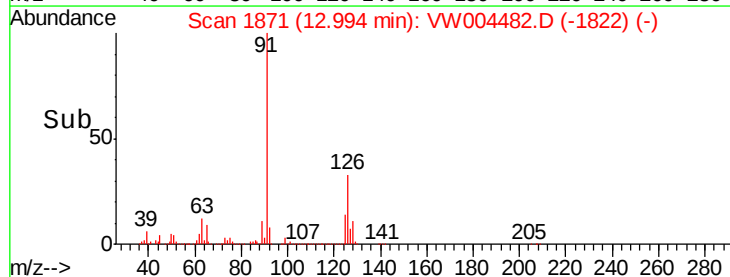
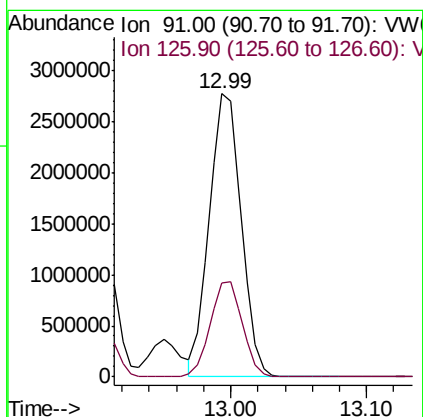
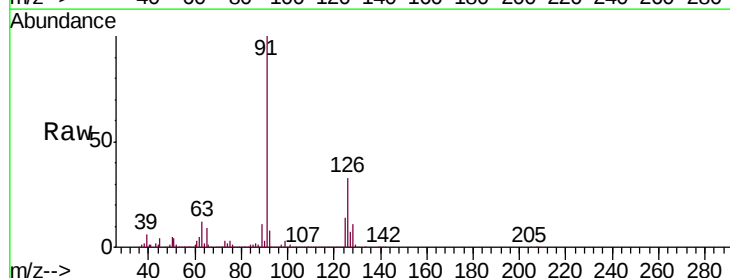
Acq: 06 Aug 2018 20:53

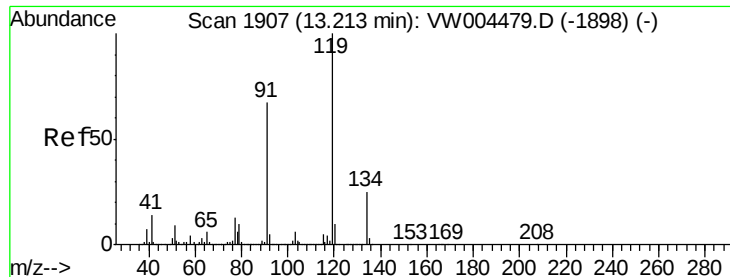
Tgt Ion: 91 Resp: 4499965

Ion Ratio Lower Upper

91 100

126 33.9 16.5 49.5





#83

tert-Butylbenzene

Concen: 163.168 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

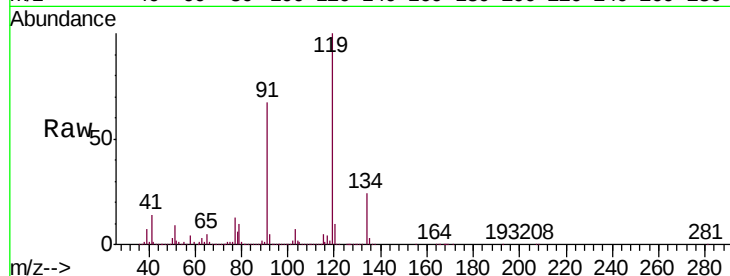
Tgt Ion:119 Resp: 4683732

Ion Ratio Lower Upper

119 100

91 66.6 33.3 99.8

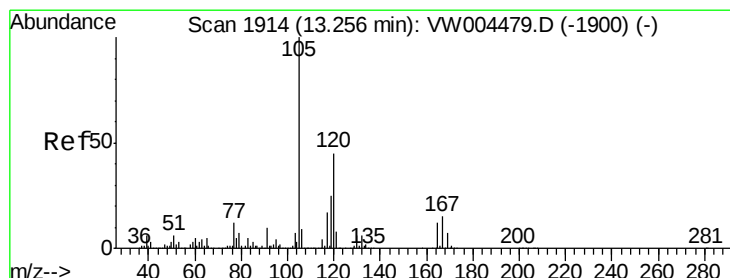
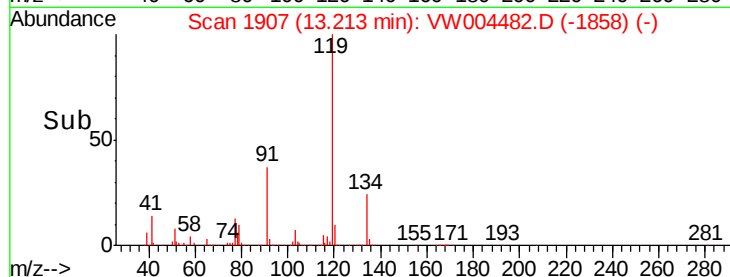
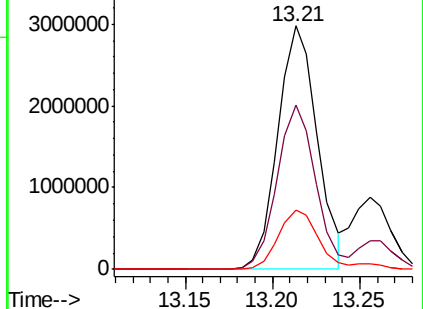
134 26.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 156.934 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW004482.D

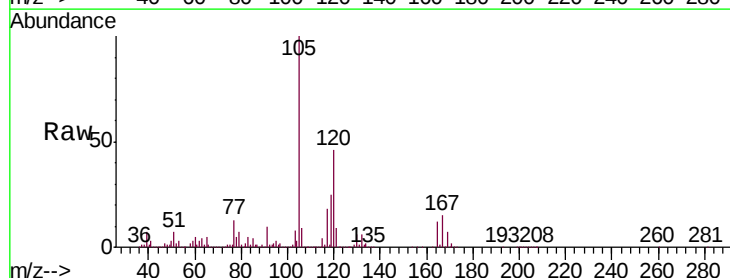
Acq: 06 Aug 2018 20:53

Tgt Ion:105 Resp: 5537356

Ion Ratio Lower Upper

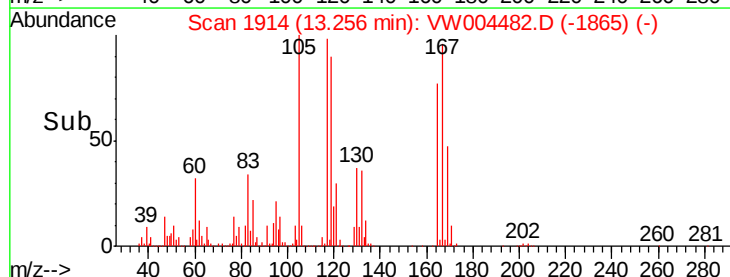
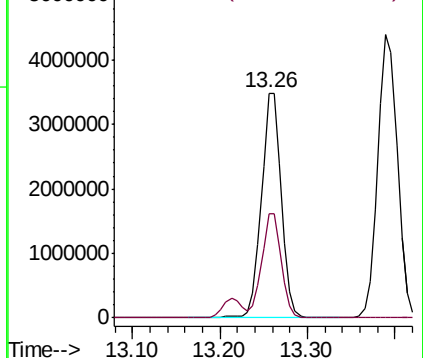
105 100

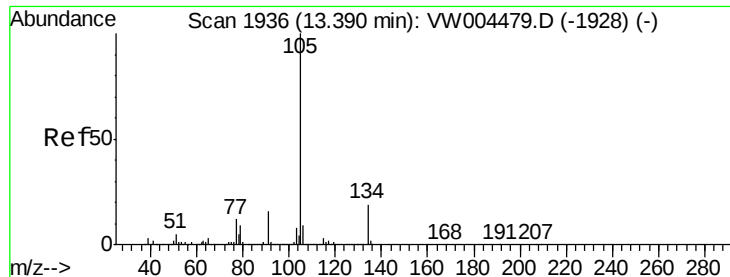
120 45.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 162.353 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

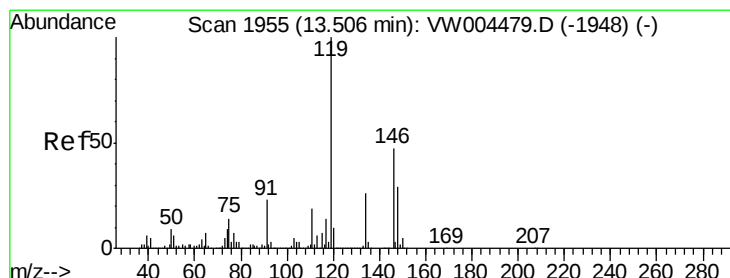
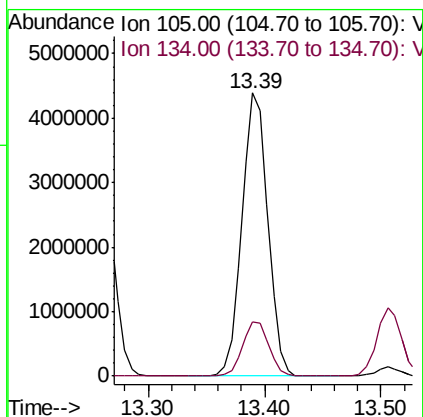
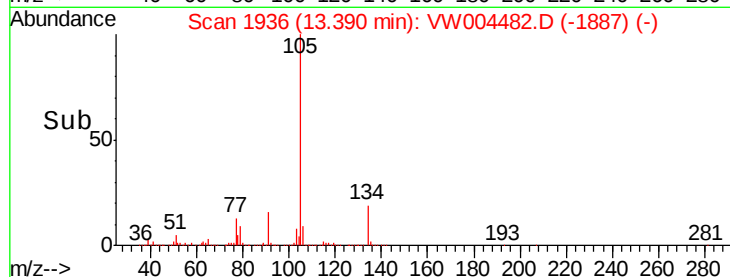
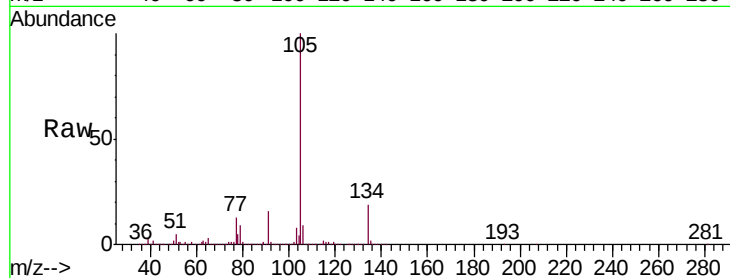
VSTDIC150

Tgt Ion:105 Resp: 6815909

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 158.660 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

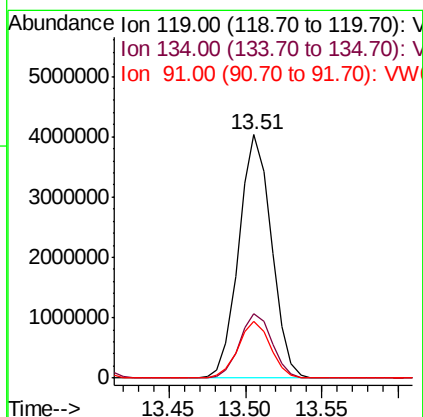
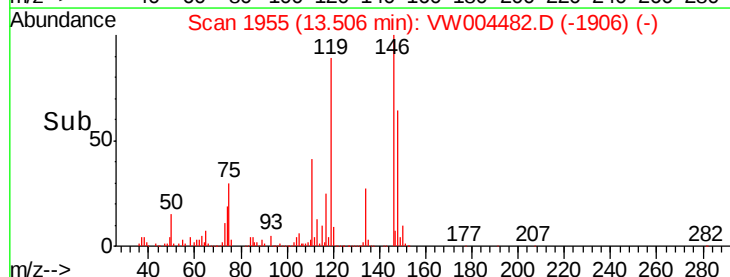
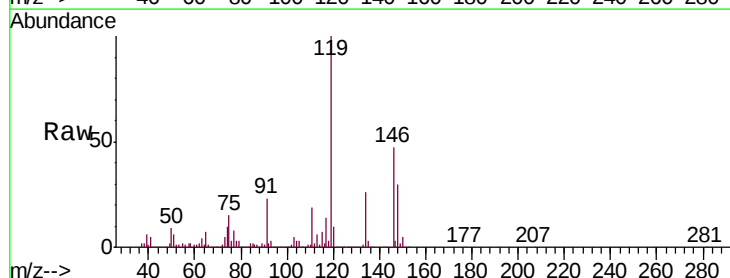
Tgt Ion:119 Resp: 5964032

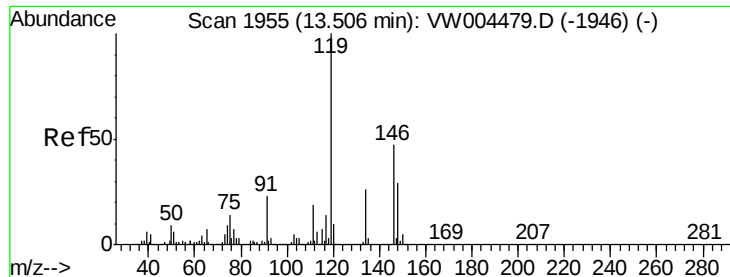
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 152.912 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

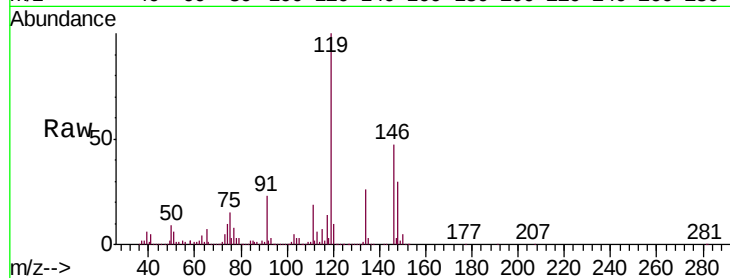
Tgt Ion:146 Resp: 2968749

Ion Ratio Lower Upper

146 100

111 40.4 20.0 59.9

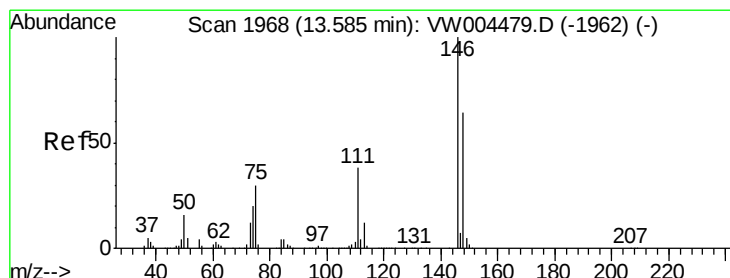
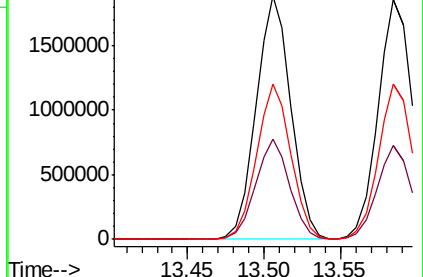
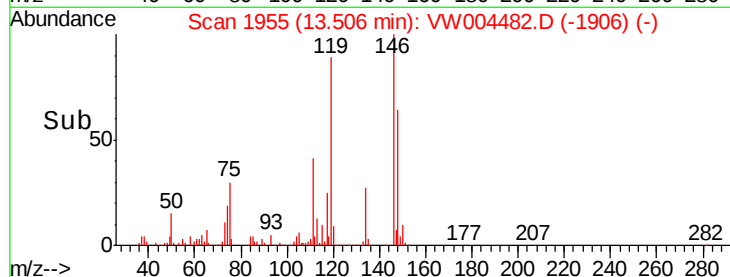
148 63.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 149.240 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

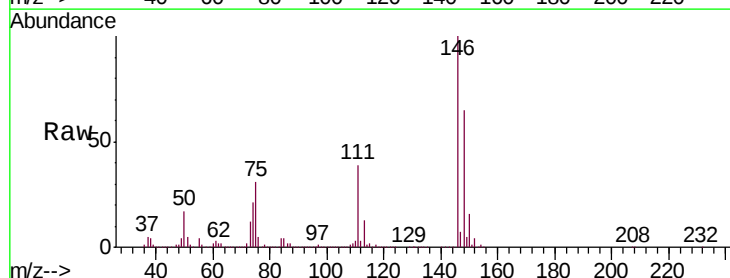
Tgt Ion:146 Resp: 2889481

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

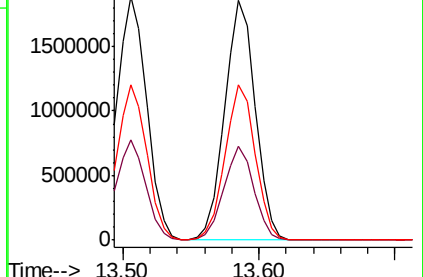
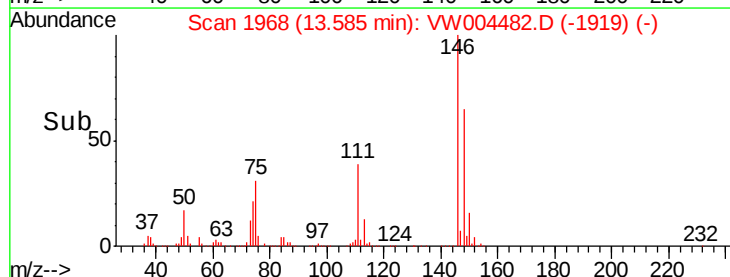
148 64.1 31.9 95.5

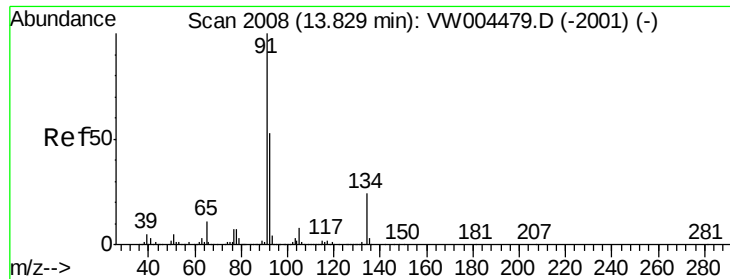


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 165.877 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

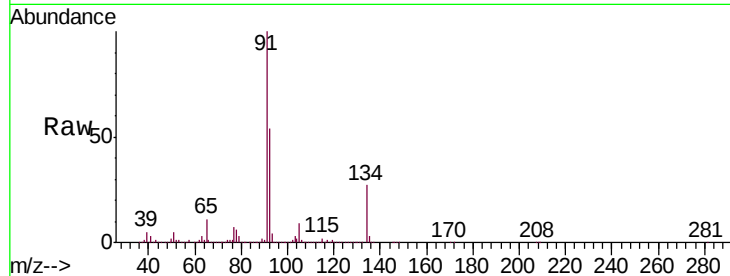
Tgt Ion: 91 Resp: 5877488

Ion Ratio Lower Upper

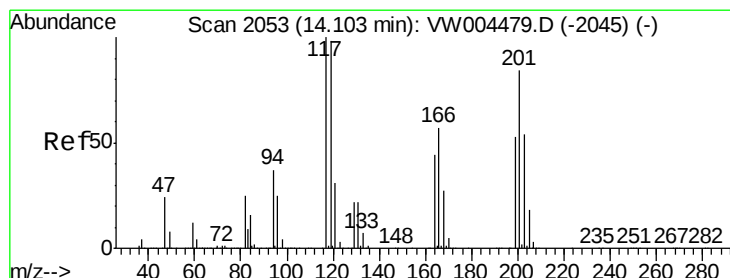
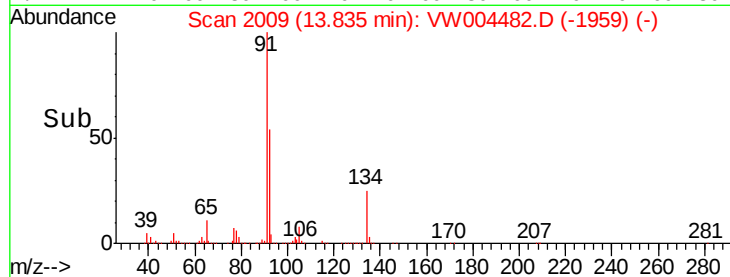
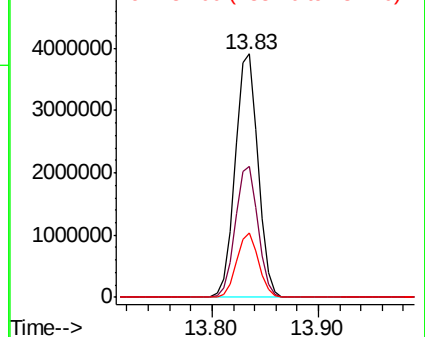
91 100

92 53.5 26.4 79.0

134 25.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 163.895 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004482.D

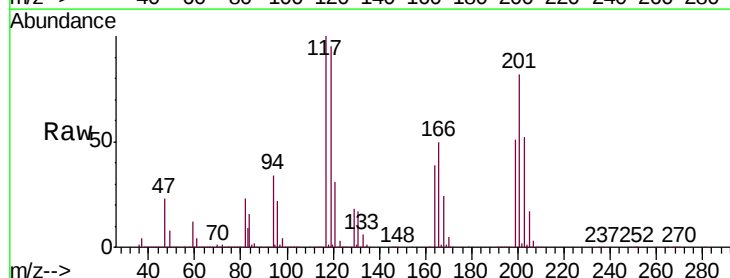
Acq: 06 Aug 2018 20:53

Tgt Ion: 117 Resp: 1101495

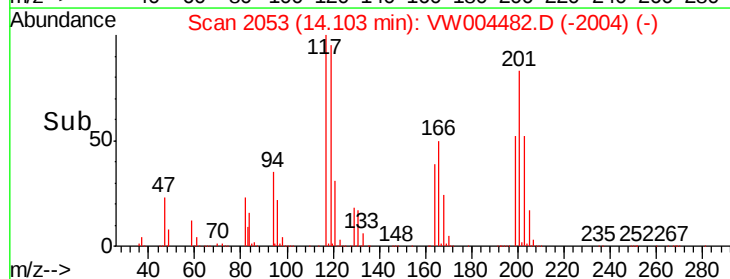
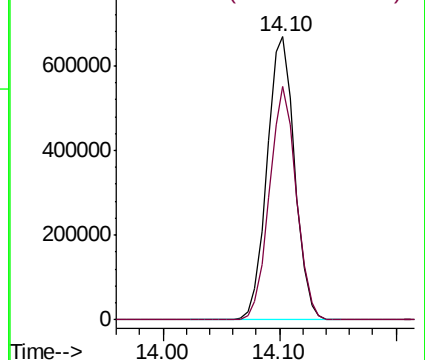
Ion Ratio Lower Upper

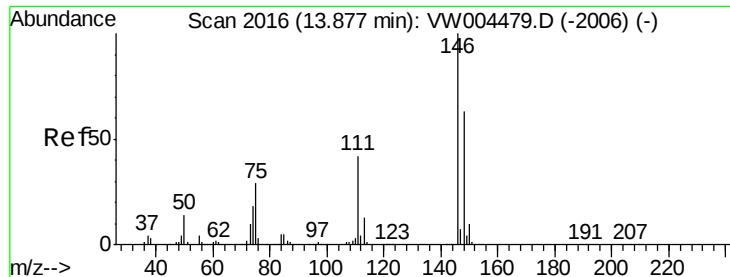
117 100

201 80.3 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 153.971 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

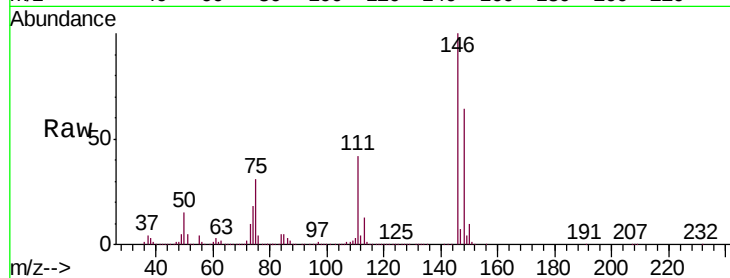
Tgt Ion:146 Resp: 2680321

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.2

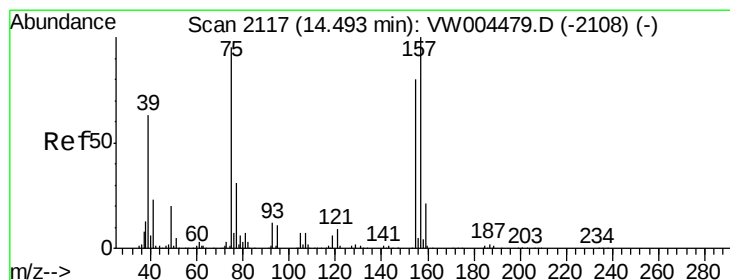
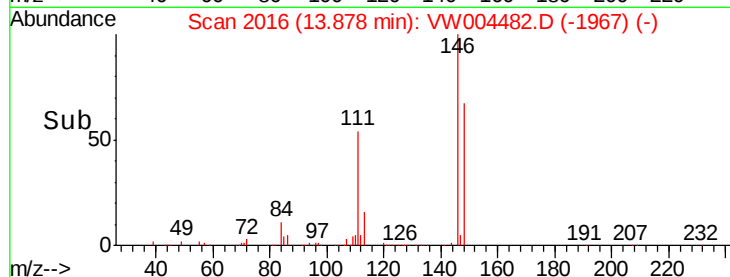
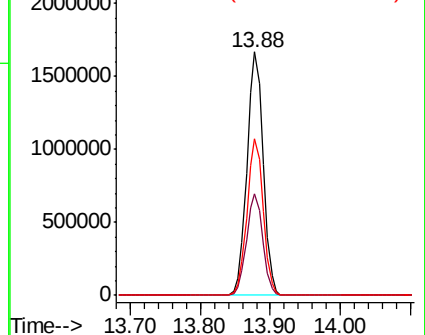
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 168.801 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004482.D

Acq: 06 Aug 2018 20:53

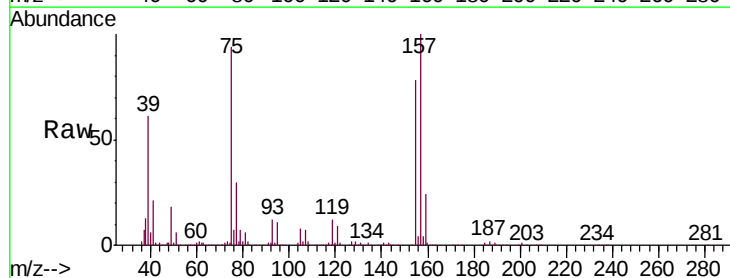
Tgt Ion: 75 Resp: 209990

Ion Ratio Lower Upper

75 100

155 83.8 41.3 123.7

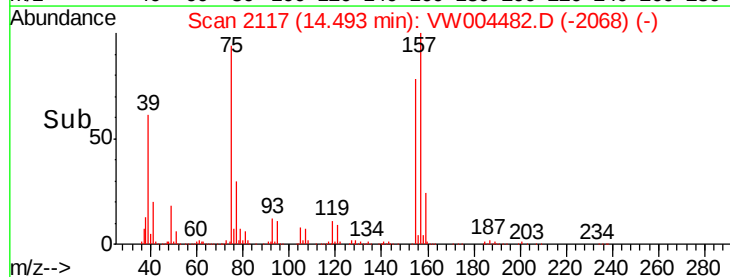
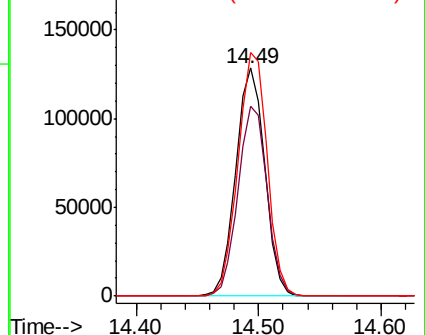
157 107.4 52.6 157.8

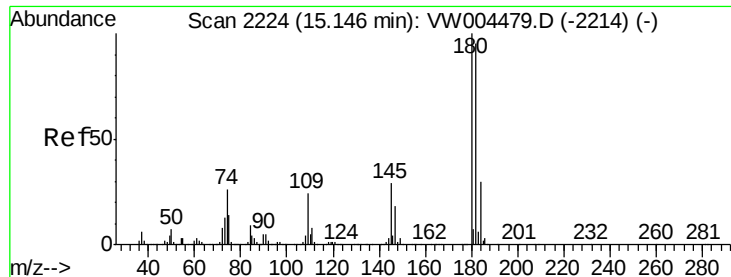


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

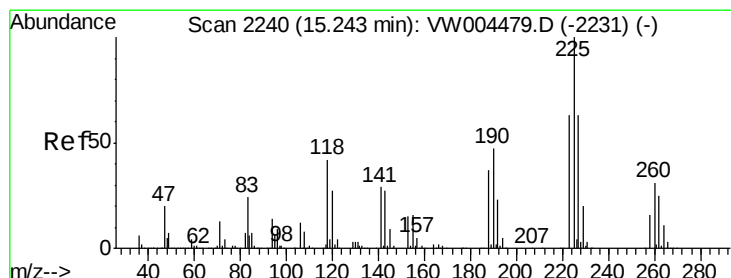
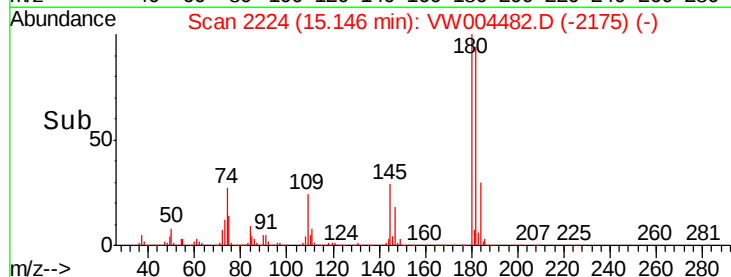
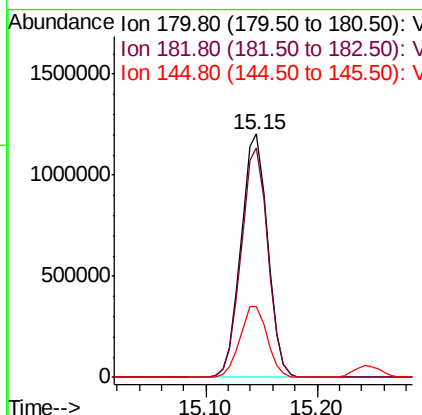
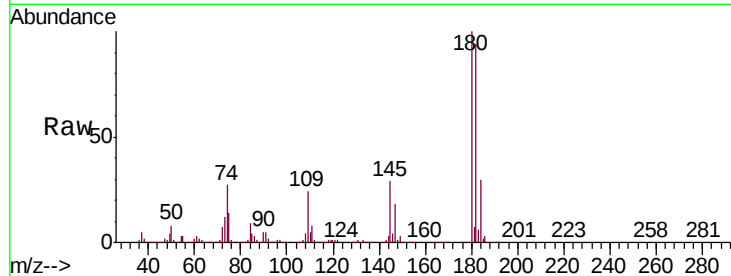




#93
 1,2,4-Trichlorobenzene
 Concen: 164.053 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

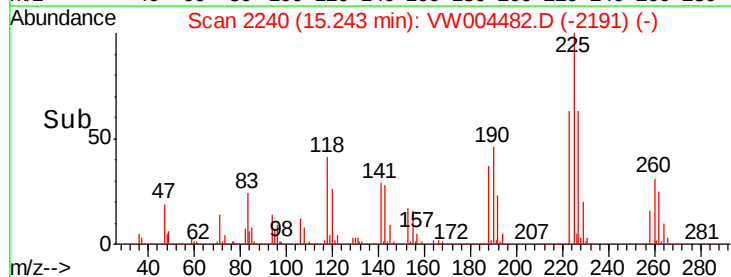
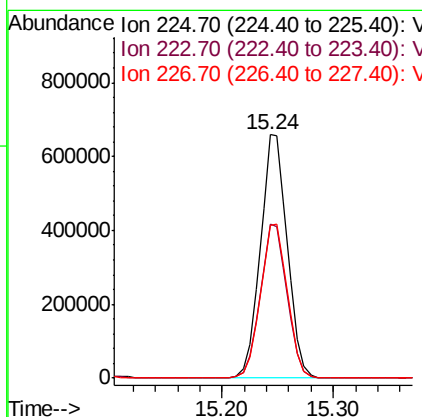
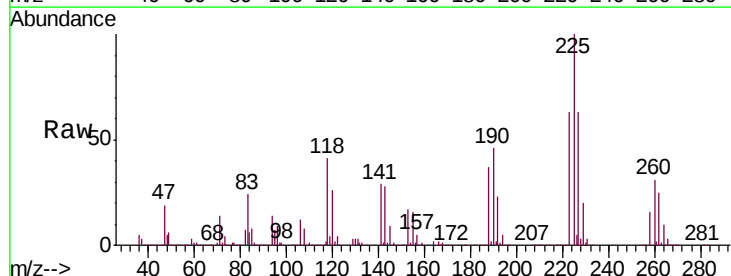
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

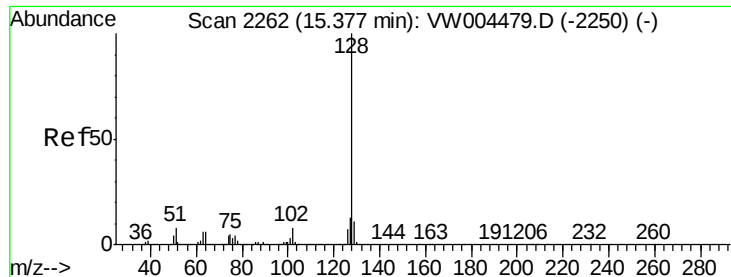
Tgt Ion:180 Resp: 2002670
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.6
 145 30.0 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 149.619 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004482.D
 Acq: 06 Aug 2018 20:53

Tgt Ion:225 Resp: 1110282
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 63.5 31.8 95.4

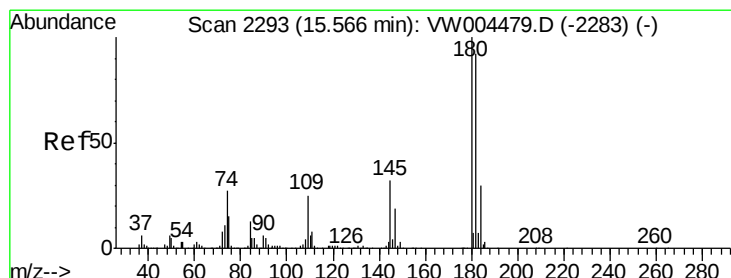
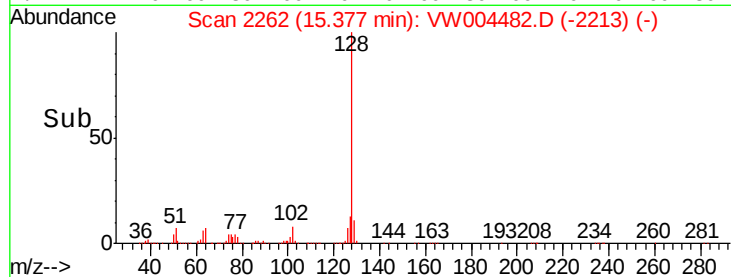
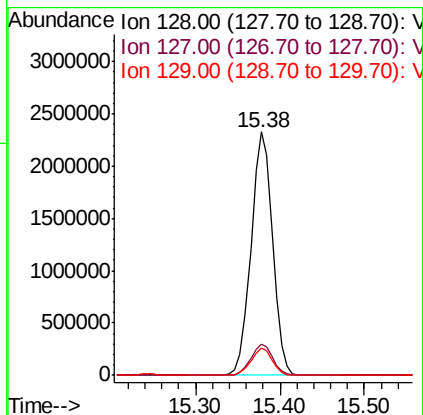
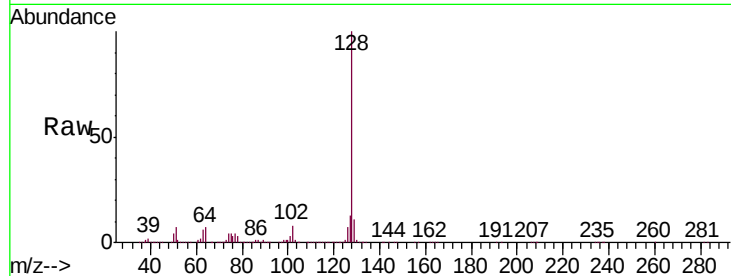




#95
Naphthalene
Concen: 188.595 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 4033794
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 165.788 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004482.D
Acq: 06 Aug 2018 20:53

Tgt Ion:180 Resp: 1783470
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 31.8 15.9 47.6

