

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004810.D
 Acq On : 21 Aug 2018 01:10
 Operator : SY/AP
 Sample : VW0820BSD02
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820BSD02

Quant Time: Aug 21 01:57:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	876442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	819401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	439964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	295125	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
35) Dibromofluoromethane	7.89	113	296978	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	10.33	98	1169499	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	419535	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	75432	20.137	ug/l	98
3) Chloromethane	2.22	50	96905	19.786	ug/l	100
4) Vinyl Chloride	2.37	62	158415	21.974	ug/l	99
5) Bromomethane	2.78	94	100278	22.522	ug/l	99
6) Chloroethane	2.93	64	95214	21.888	ug/l	96
7) Trichlorofluoromethane	3.26	101	77293	22.758	ug/l	98
8) Diethyl Ether	3.68	74	68054	22.162	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123185	21.063	ug/l	99
10) Methyl Iodide	4.26	142	195245	21.983	ug/l	99
11) Tert butyl alcohol	5.21	59	34451	112.786	ug/l	99
12) 1,1-Dichloroethene	4.03	96	122116	20.954	ug/l	99
13) Acrolein	3.90	56	45559	111.146	ug/l	96
14) Allyl chloride	4.67	41	186207	21.054	ug/l	99
15) Acrylonitrile	5.38	53	141643	109.990	ug/l	99
16) Acetone	4.14	43	139329	99.827	ug/l	97
17) Carbon Disulfide	4.37	76	401163	20.946	ug/l	98
18) Methyl Acetate	4.68	43	66418	22.206	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	169535	22.410	ug/l	97
20) Methylene Chloride	4.91	84	158043	22.420	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	130654	21.071	ug/l	97
22) Diisopropyl ether	6.32	45	394487	23.206	ug/l	97
23) Vinyl Acetate	6.26	43	1030720	107.198	ug/l	100
24) 1,1-Dichloroethane	6.22	63	239987	21.725	ug/l	100
25) 2-Butanone	7.18	43	208809	105.002	ug/l	100
26) 2,2-Dichloropropane	7.17	77	132335	20.741	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	145190	21.750	ug/l	99
28) Bromochloromethane	7.52	49	101342	21.785	ug/l	98
29) Tetrahydrofuran	7.54	42	109965	108.442	ug/l	100
30) Chloroform	7.68	83	237395	21.851	ug/l	97
31) Cyclohexane	7.96	56	216351	20.248	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	185357	21.523	ug/l	98
36) 1,1-Dichloropropene	8.09	75	183167	20.287	ug/l	99
37) Ethyl Acetate	7.26	43	78136	21.709	ug/l	97
38) Carbon Tetrachloride	8.07	117	171042	20.580	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219629	19.451	ug/l	99
40) Benzene	8.32	78	553819	21.106	ug/l	100
41) Methacrylonitrile	7.49	41	47723	23.364	ug/l	97
42) 1,2-Dichloroethane	8.40	62	146326	21.747	ug/l	100
43) Isopropyl Acetate	8.43	43	135238	20.919	ug/l	99
44) Trichloroethene	9.09	130	137633	20.663	ug/l	100
45) 1,2-Dichloropropane	9.37	63	135185	21.062	ug/l	98
46) Dibromomethane	9.46	93	67897	21.353	ug/l	100
47) Bromodichloromethane	9.65	83	158374	20.855	ug/l	97
48) Methyl methacrylate	9.44	41	61750	20.356	ug/l	95
49) 1,4-Dioxane	9.48	88	22460	483.462	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	472707	108.188	ug/l	98
52) Toluene	10.39	92	337457	21.443	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	156157	20.410	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	191685	21.015	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	99785	22.076	ug/l	98
56) Ethyl methacrylate	10.65	69	110782	20.623	ug/l	99
57) 1,3-Dichloropropane	10.93	76	167370	21.452	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	274216	109.853	ug/l	99
59) 2-Hexanone	10.98	43	309599	104.577	ug/l	99
60) Dibromochloromethane	11.13	129	105453	20.795	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91977	21.288	ug/l	99
64) Tetrachloroethene	10.87	164	118873	21.228	ug/l	99
65) Chlorobenzene	11.66	112	364207	20.651	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	119907	20.136	ug/l	98
67) Ethyl Benzene	11.74	91	602215	20.142	ug/l	99
68) m/p-Xylenes	11.85	106	485843	41.768	ug/l	99
69) o-Xylene	12.17	106	223127	20.721	ug/l	98
70) Styrene	12.19	104	382880	21.167	ug/l	99
71) Bromoform	12.35	173	65822	20.942	ug/l	100
73) Isopropylbenzene	12.47	105	626247	20.923	ug/l	100
74) N-amyl acetate	12.28	43	129220	20.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	119632	21.576	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	149434	38.530	ug/l #	100
77) Bromobenzene	12.76	156	154178	21.281	ug/l	99
78) n-propylbenzene	12.81	91	775921	21.244	ug/l	99
79) 2-Chlorotoluene	12.90	91	450369	21.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	550687	21.656	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	31873	19.101	ug/l	95
82) 4-Chlorotoluene	12.99	91	471517	21.079	ug/l	98
83) tert-Butylbenzene	13.21	119	465429	21.399	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	564037	21.560	ug/l	99
85) sec-Butylbenzene	13.39	105	666977	20.540	ug/l	99
86) p-Isopropyltoluene	13.51	119	583053	20.636	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	306624	20.807	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	311461	21.144	ug/l	99
89) n-Butylbenzene	13.83	91	555053	20.318	ug/l	99
90) Hexachloroethane	14.10	117	102527	19.908	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	278588	21.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17467	20.157	ug/l	98

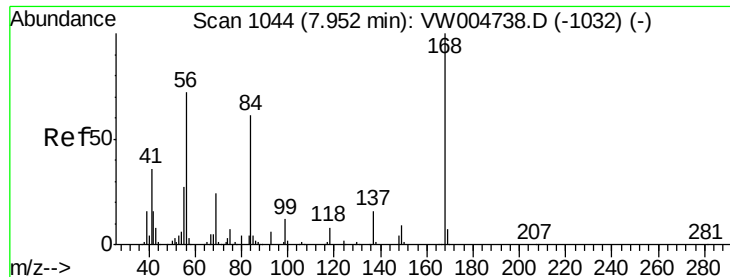
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	198658	21.220	ug/l	99
94) Hexachlorobutadiene	15.24	225	118212	20.572	ug/l	98
95) Naphthalene	15.38	128	328032	20.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	176117	21.214	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

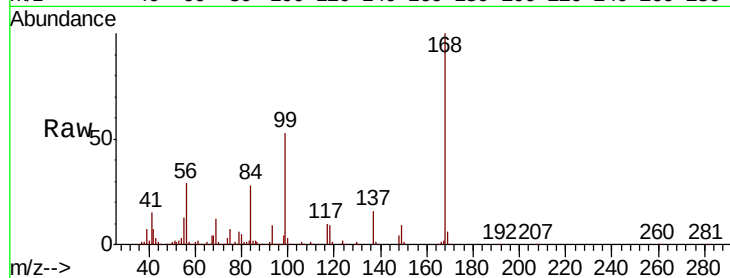
VW0820SBSD02

Tgt Ion:168 Resp: 565520

Ion Ratio Lower Upper

168 100

99 53.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

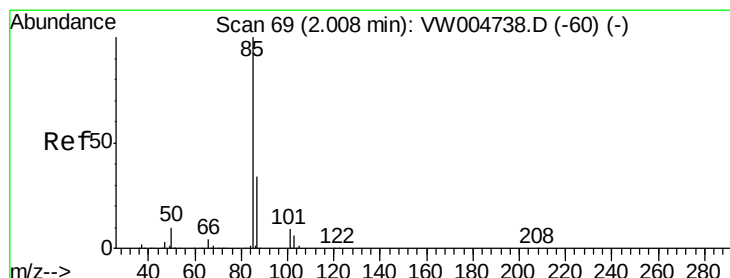
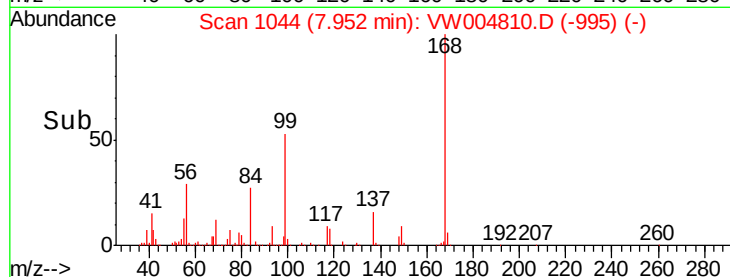
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.137 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004810.D

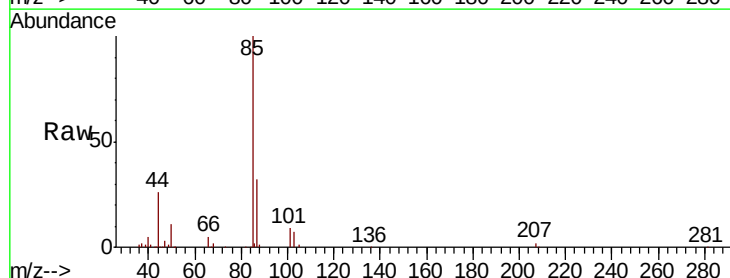
Acq: 21 Aug 2018 01:10

Tgt Ion: 85 Resp: 75432

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

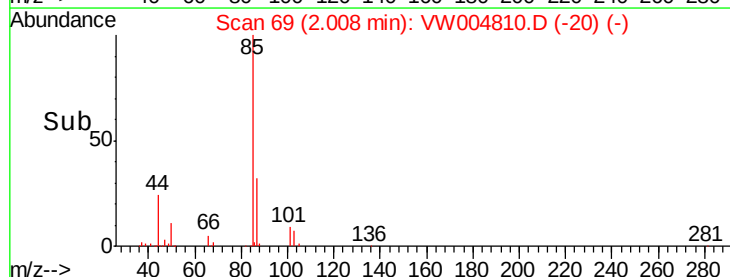
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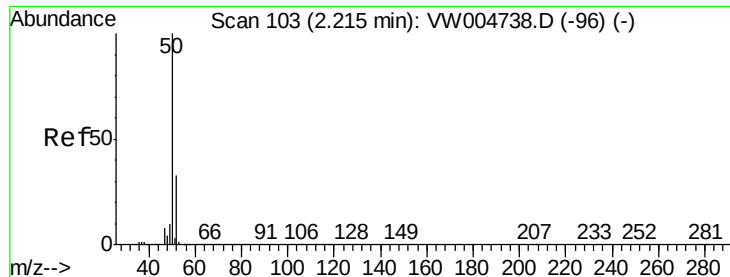
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 19.786 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

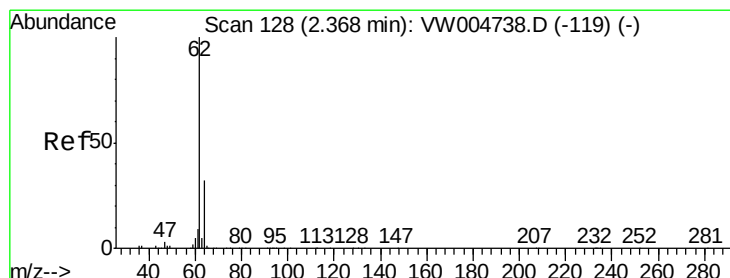
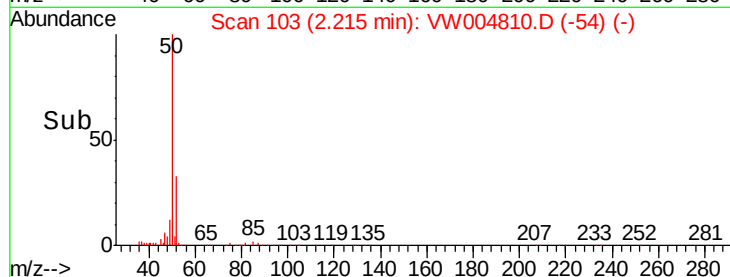
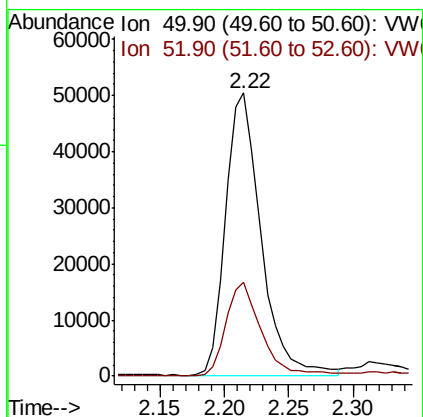
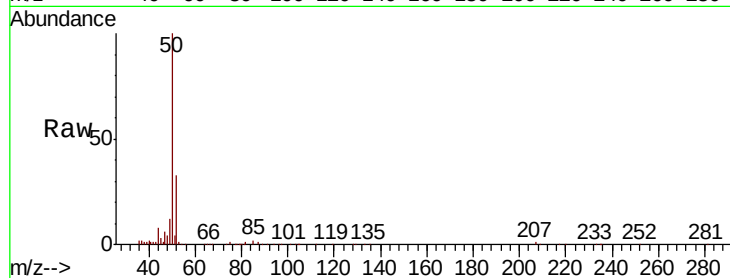
VW0820SBSD02

Tgt Ion: 50 Resp: 96905

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 21.974 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004810.D

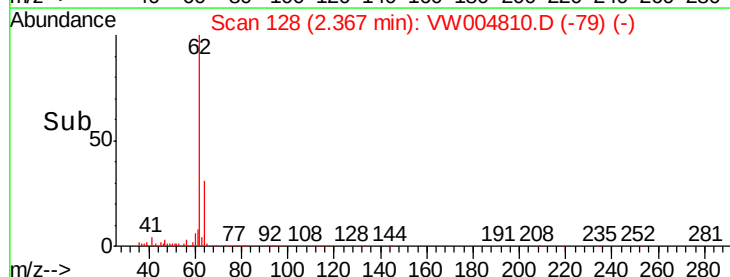
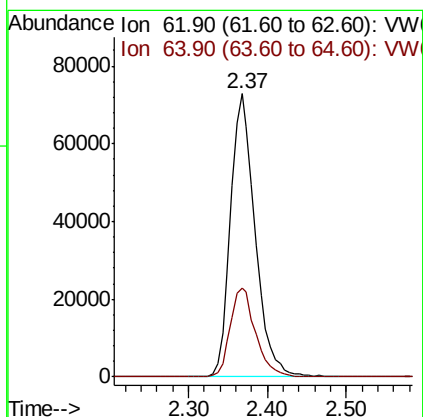
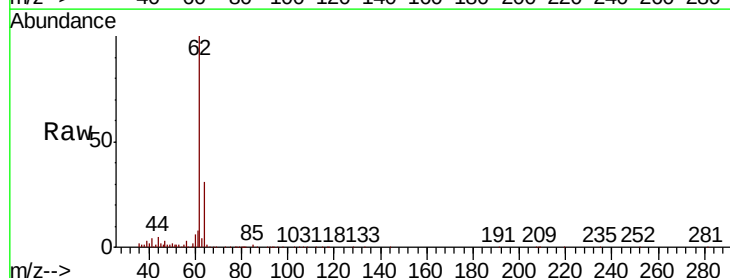
Acq: 21 Aug 2018 01:10

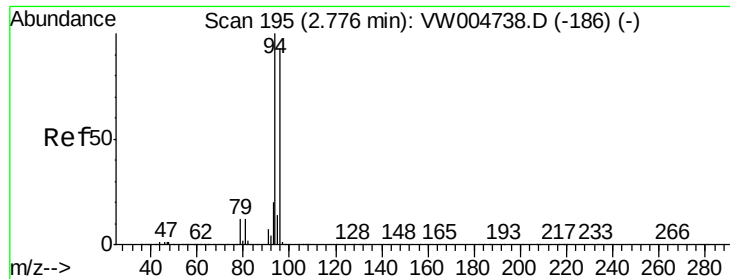
Tgt Ion: 62 Resp: 158415

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 22.522 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

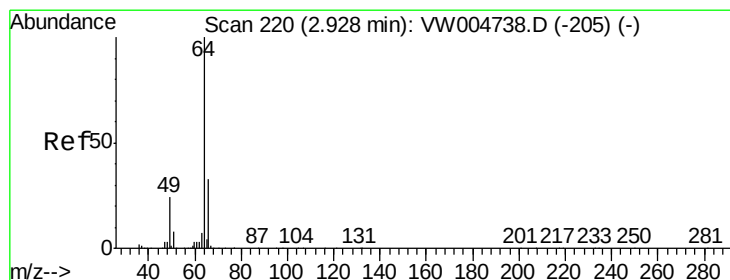
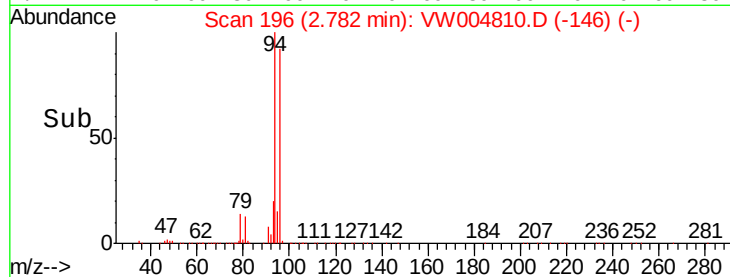
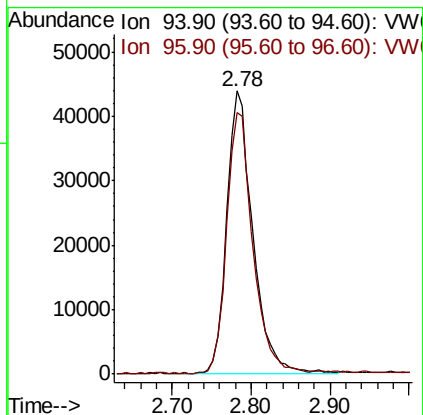
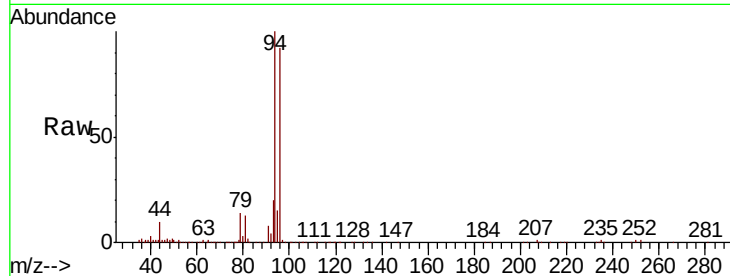
VW0820SBSD02

Tgt Ion: 94 Resp: 100278

Ion Ratio Lower Upper

94 100

96 92.3 74.3 111.5



#6

Chloroethane

Concen: 21.888 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004810.D

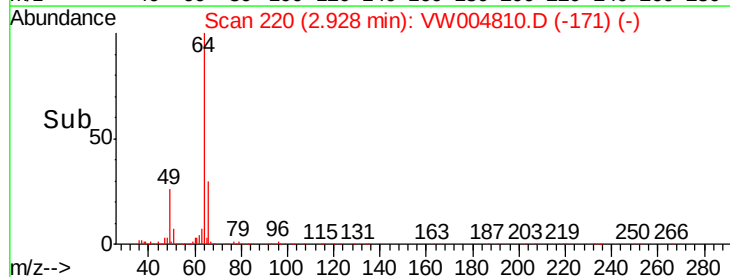
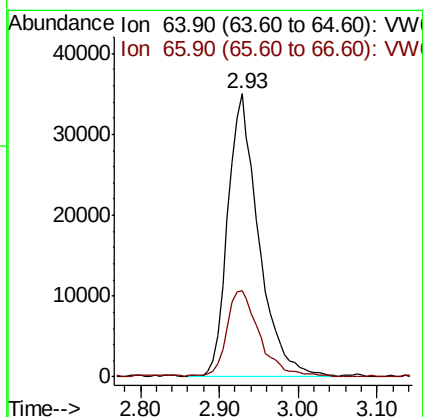
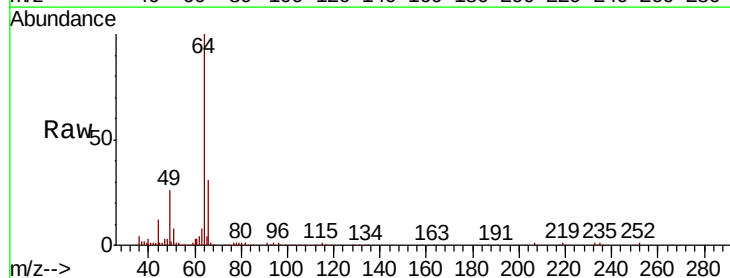
Acq: 21 Aug 2018 01:10

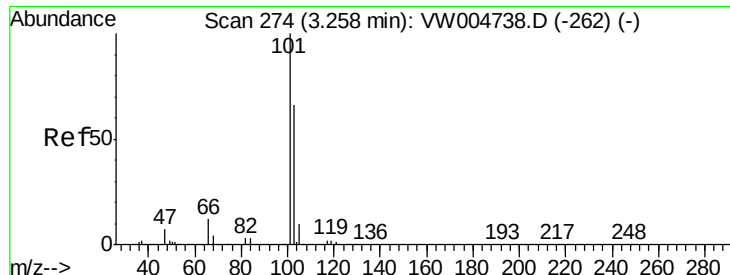
Tgt Ion: 64 Resp: 95214

Ion Ratio Lower Upper

64 100

66 30.4 26.1 39.1



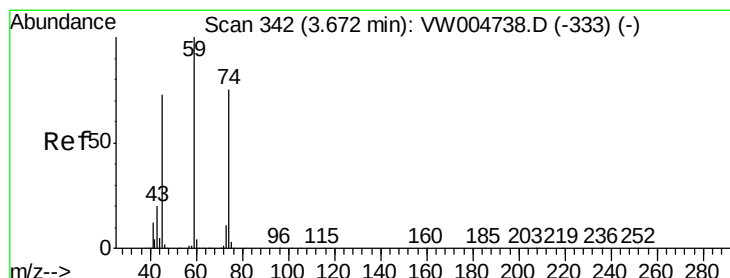
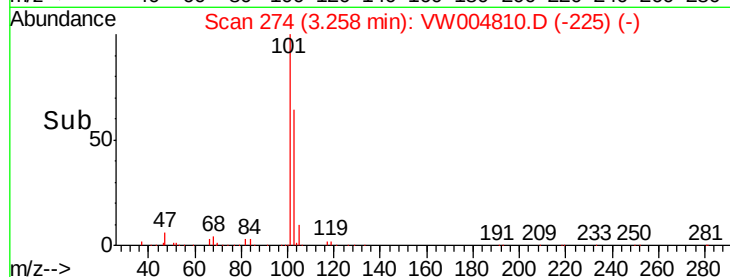
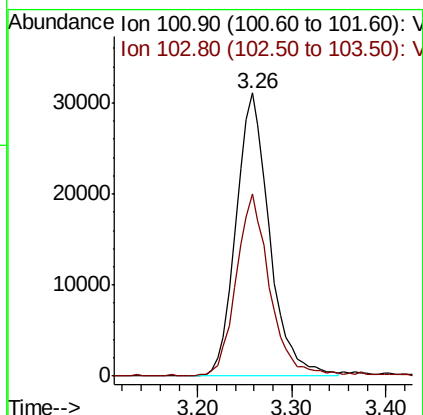
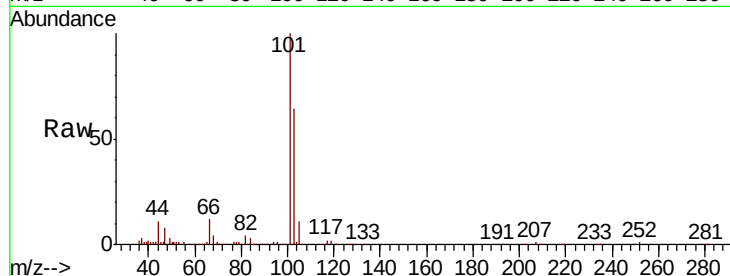


#7

Trichlorofluoromethane
 Concen: 22.758 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004810.D
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 VW0820SBSD02

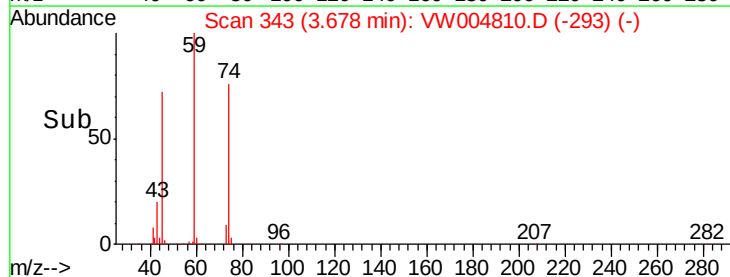
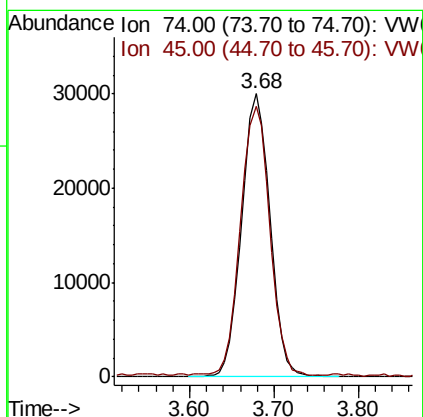
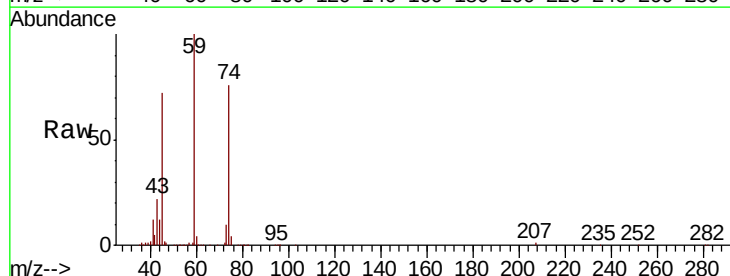
Tgt Ion:101 Resp: 77293
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.5 78.7

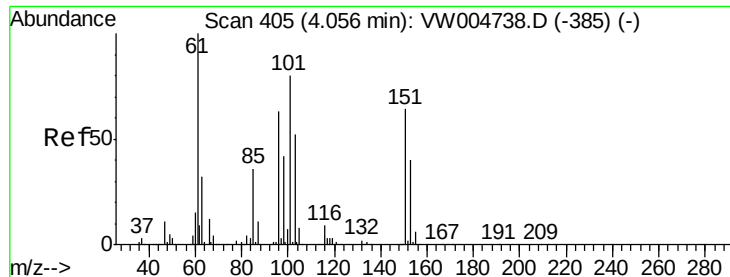


#8

Diethyl Ether
 Concen: 22.162 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 74 Resp: 68054
 Ion Ratio Lower Upper
 74 100
 45 98.5 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.063 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

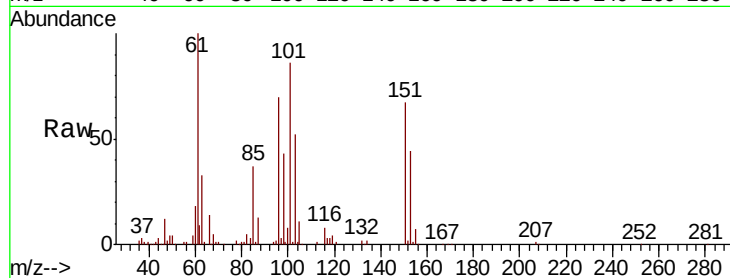
Tgt Ion:101 Resp: 123185

Ion Ratio Lower Upper

101 100

85 42.5 33.9 50.9

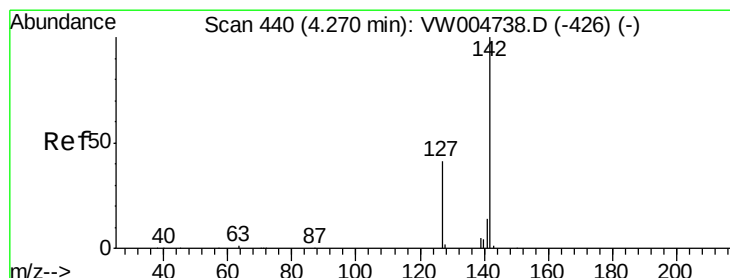
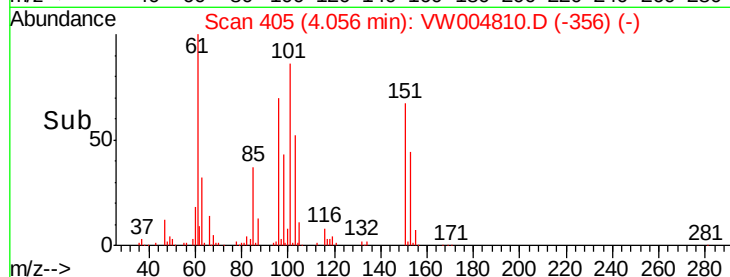
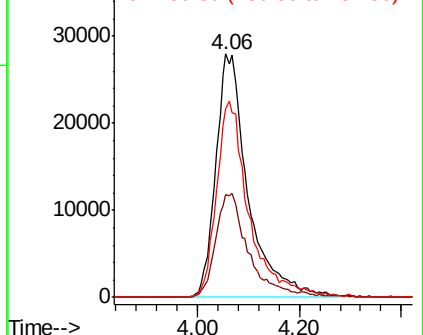
151 80.2 63.4 95.2



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: 21.983 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

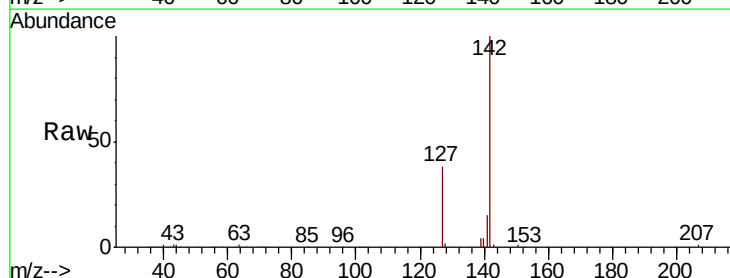
Tgt Ion:142 Resp: 195245

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

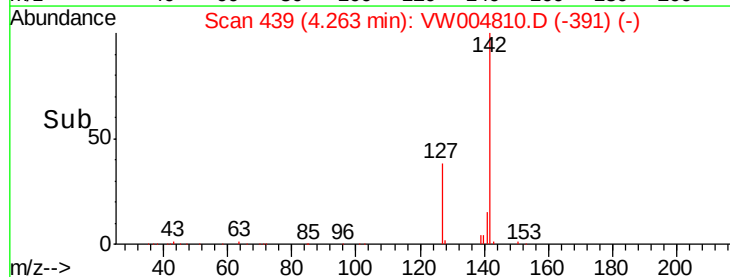
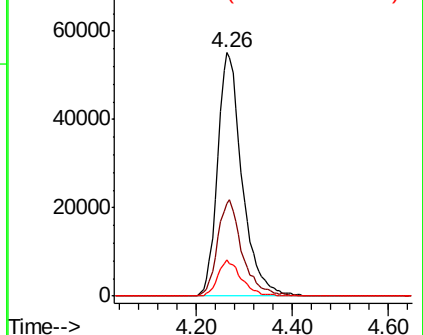
141 14.1 11.7 17.5

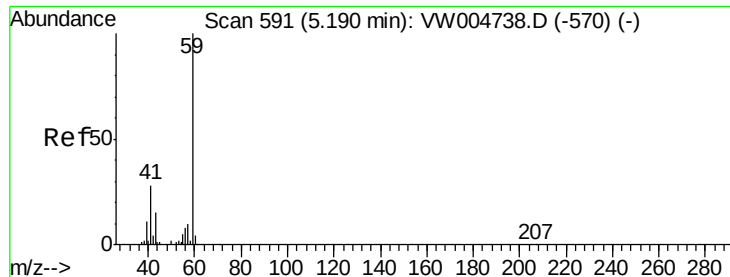


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

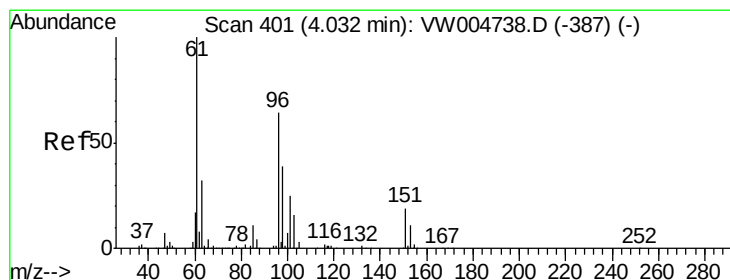
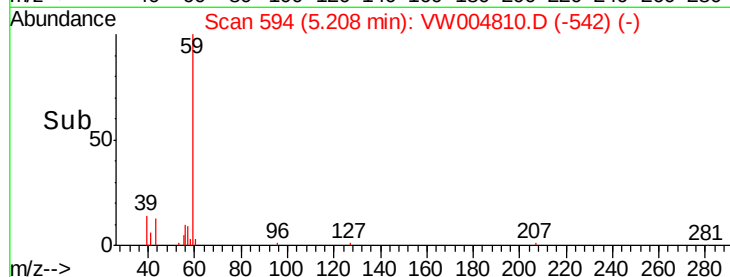
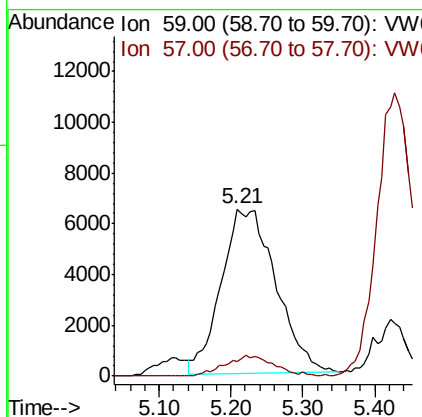
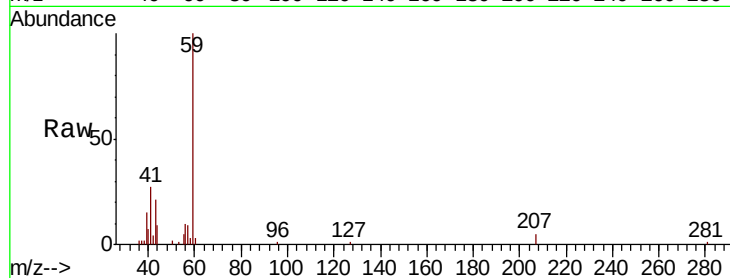




#11
Tert butyl alcohol
Concen: 112.786 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.02 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

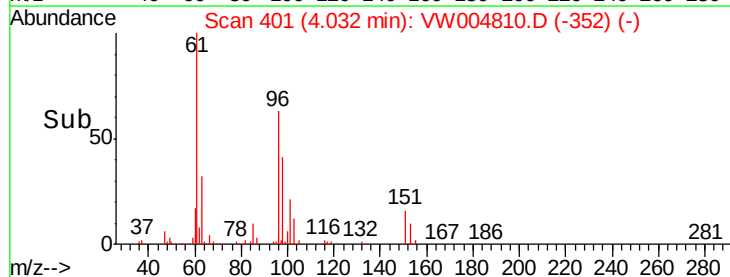
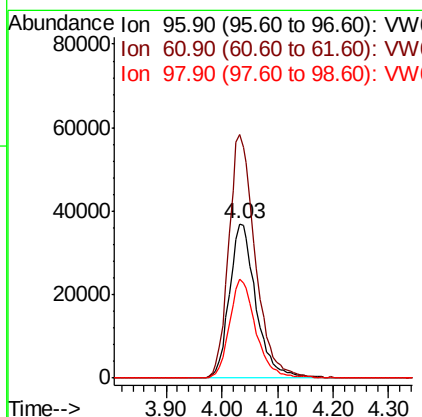
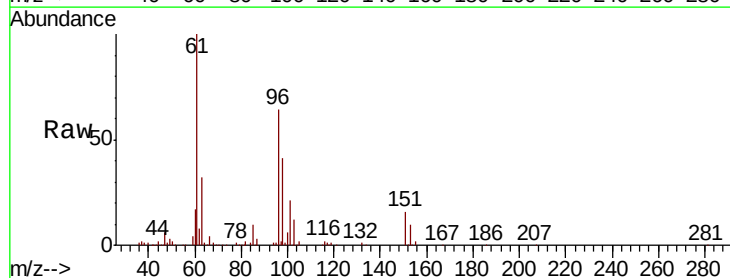
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

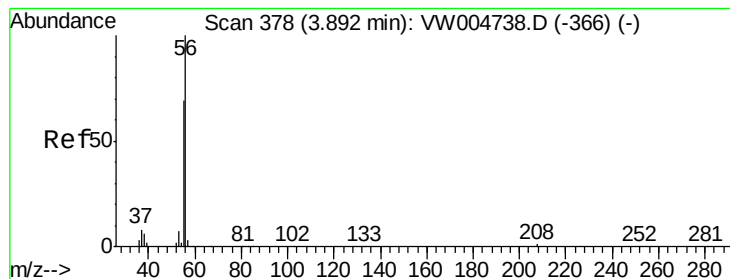
Tgt Ion: 59 Resp: 34451
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.954 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 96 Resp: 122116
Ion Ratio Lower Upper
96 100
61 157.4 125.6 188.4
98 63.9 49.4 74.0





#13

Acrolein

Concen: 111.146 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

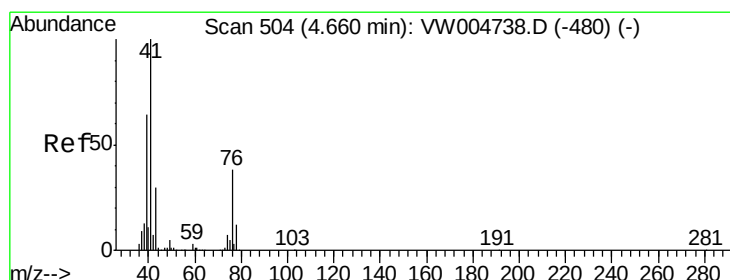
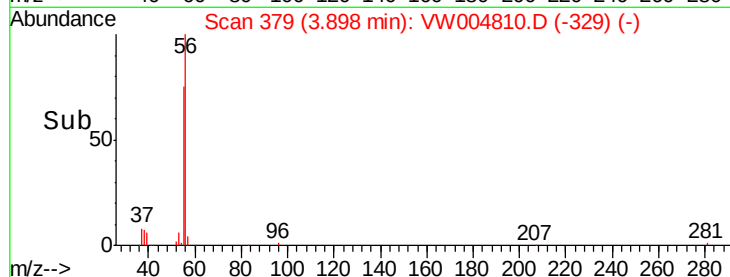
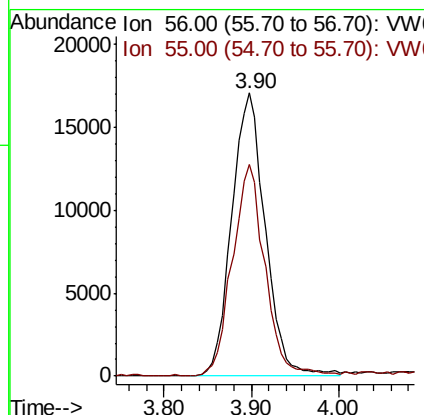
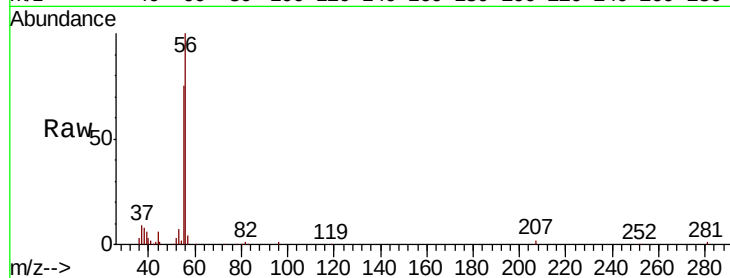
VW0820SBSD02

Tgt Ion: 56 Resp: 45559

Ion Ratio Lower Upper

56 100

55 73.0 56.1 84.1



#14

Allyl chloride

Concen: 21.054 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

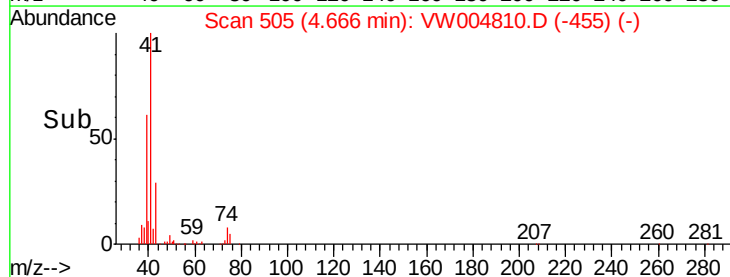
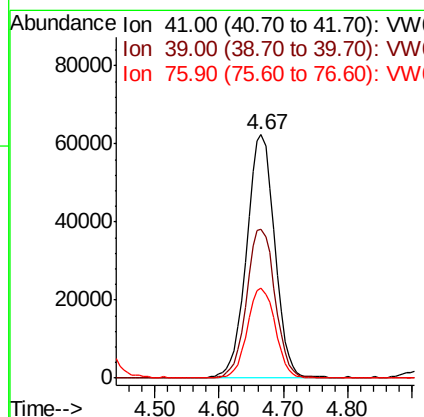
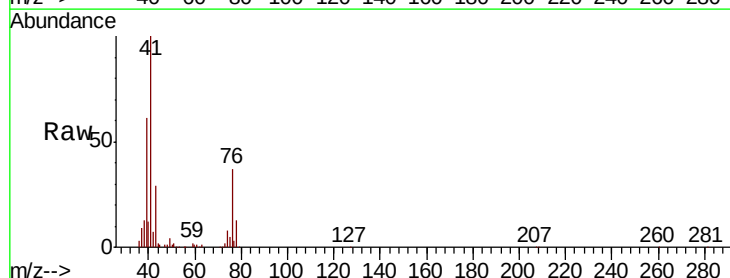
Tgt Ion: 41 Resp: 186207

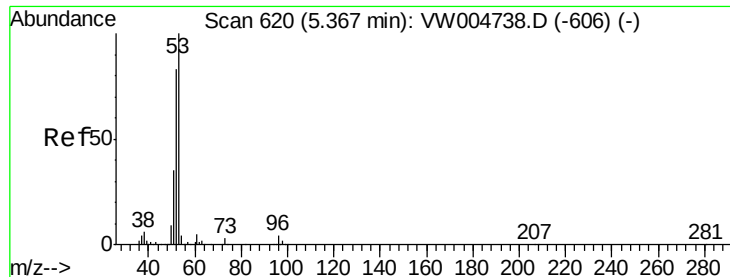
Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 36.8 29.8 44.6

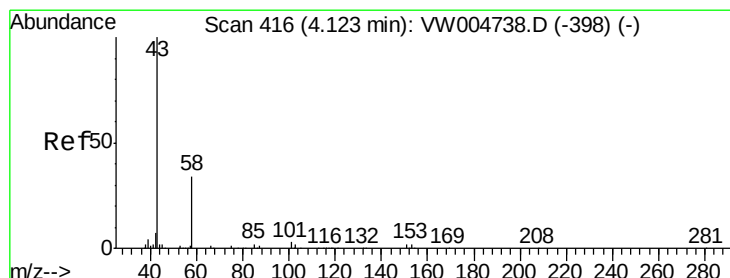
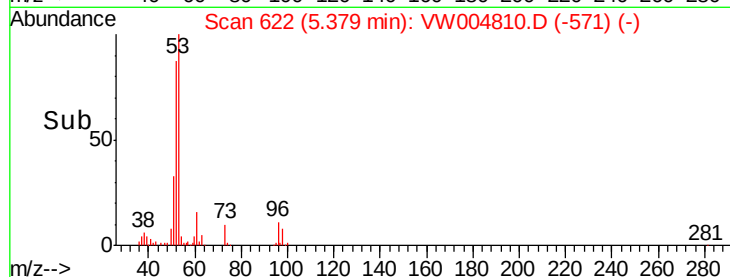
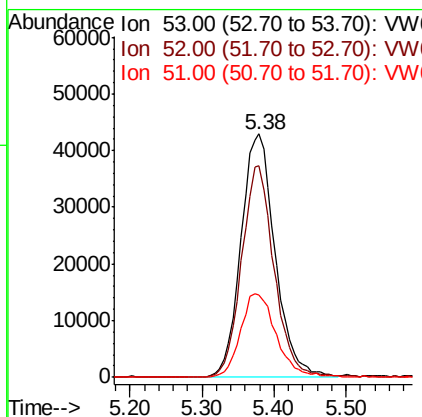
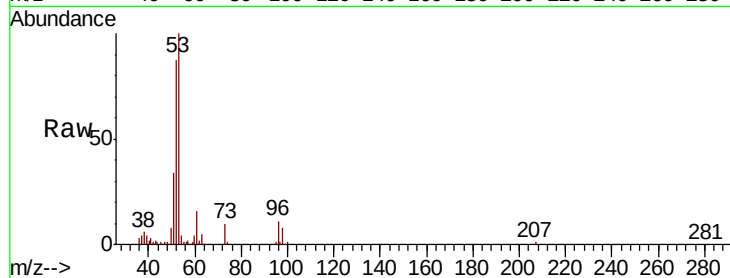




#15
 Acrylonitrile
 Concen: 109.990 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

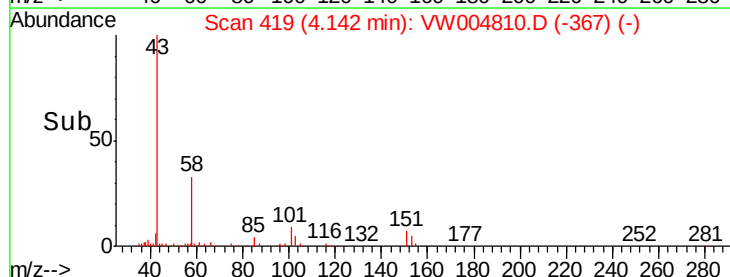
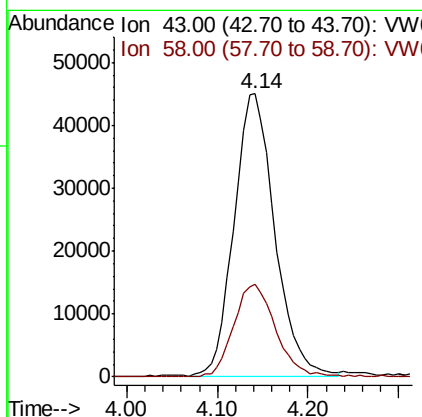
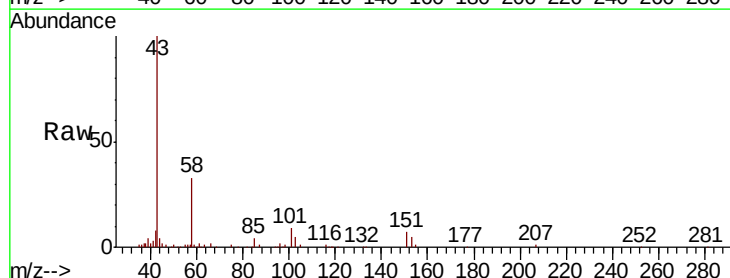
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

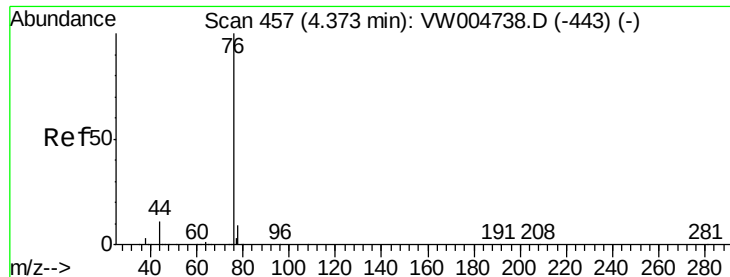
Tgt Ion: 53 Resp: 141643
 Ion Ratio Lower Upper
 53 100
 52 83.1 65.8 98.6
 51 36.0 28.7 43.1



#16
 Acetone
 Concen: 99.827 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.02 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 43 Resp: 139329
 Ion Ratio Lower Upper
 43 100
 58 32.5 27.3 40.9

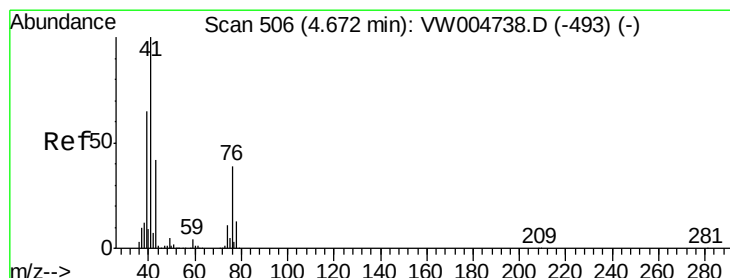
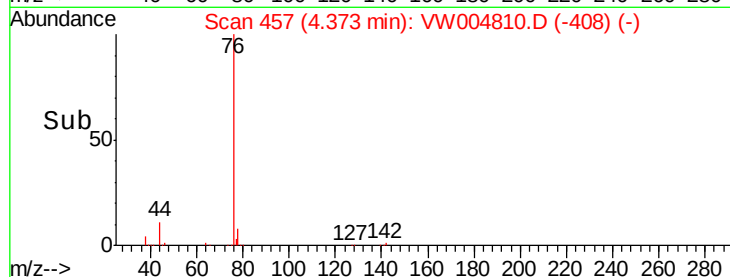
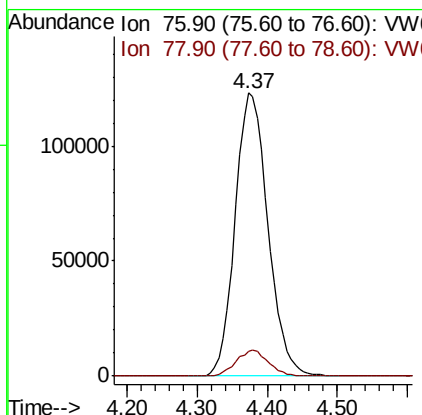
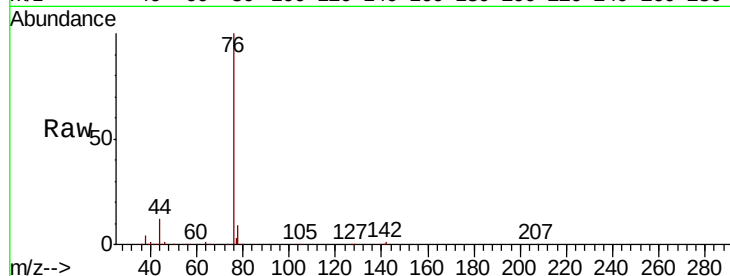




#17
Carbon Disulfide
Concen: 20.946 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

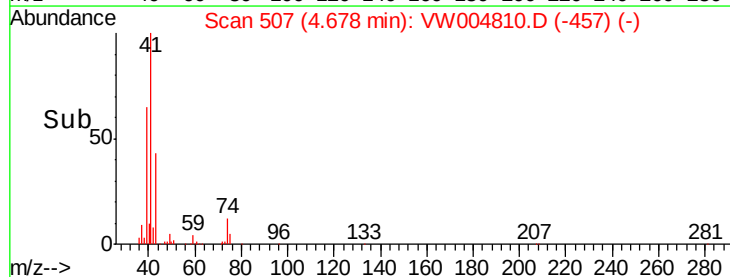
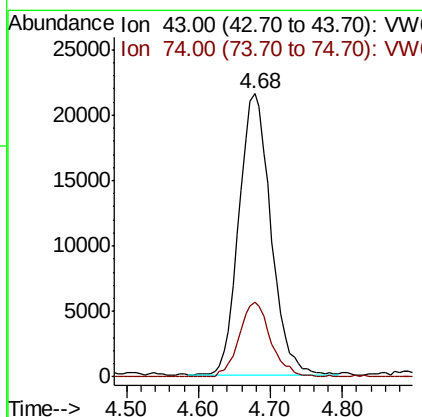
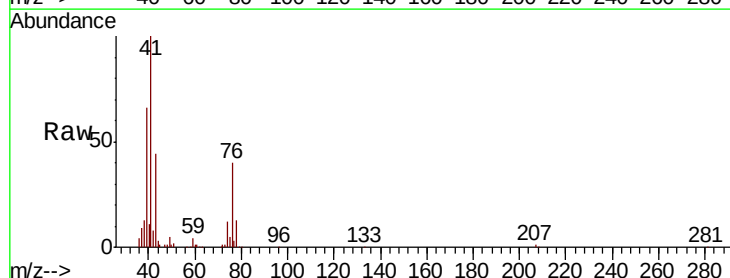
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

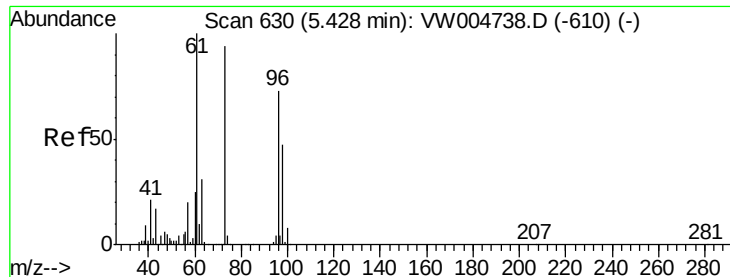
Tgt Ion: 76 Resp: 401163
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 22.206 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 43 Resp: 66418
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 22.410 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

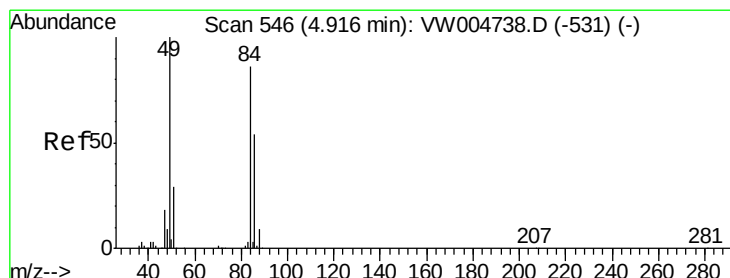
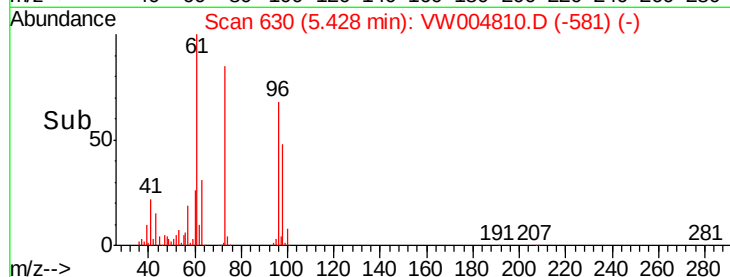
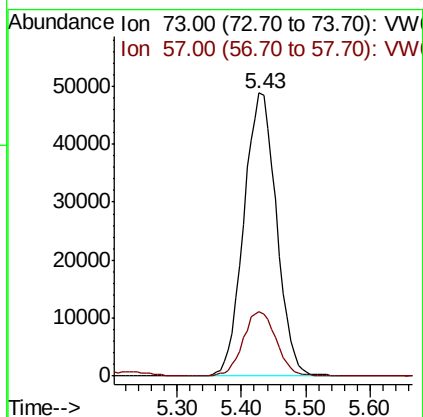
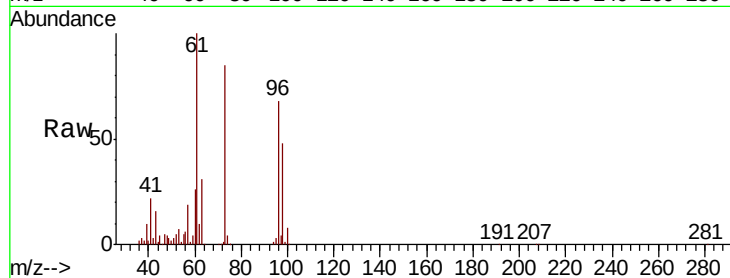
VW0820SBSD02

Tgt Ion: 73 Resp: 169535

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 22.420 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion: 84 Resp: 158043

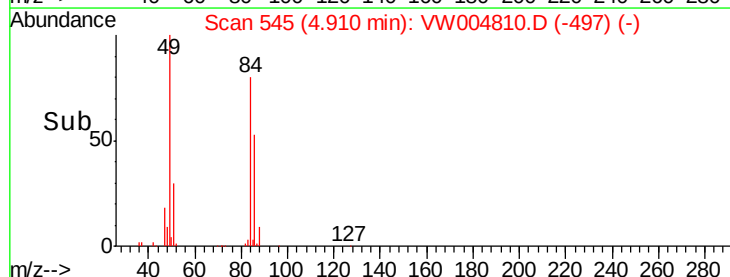
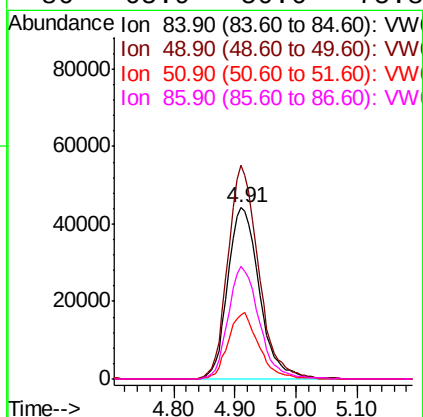
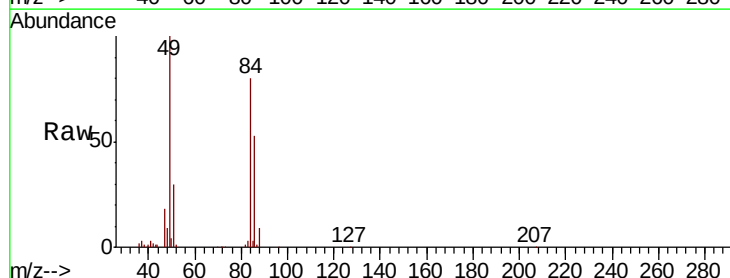
Ion Ratio Lower Upper

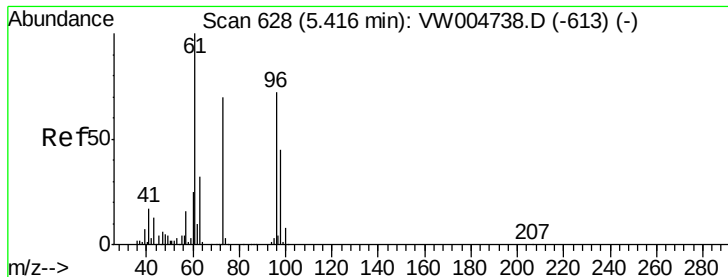
84 100

49 124.8 93.2 139.8

51 37.4 27.4 41.0

86 65.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.071 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

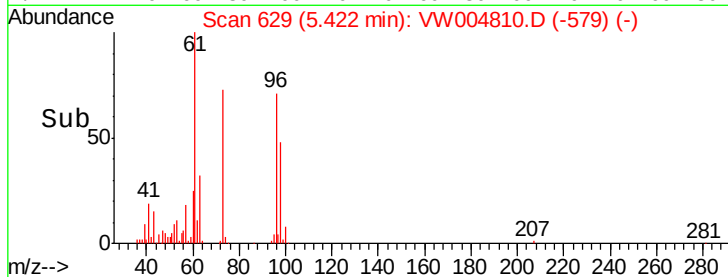
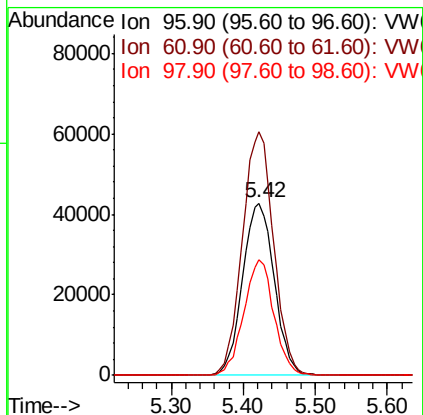
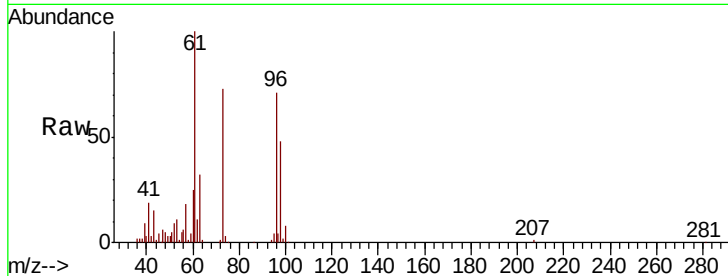
Tgt Ion: 96 Resp: 130654

Ion Ratio Lower Upper

96 100

61 141.5 111.4 167.0

98 67.4 49.7 74.5



#22

Diisopropyl ether

Concen: 23.206 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion: 45 Resp: 394487

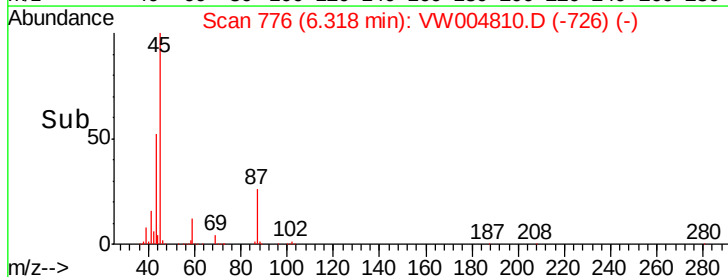
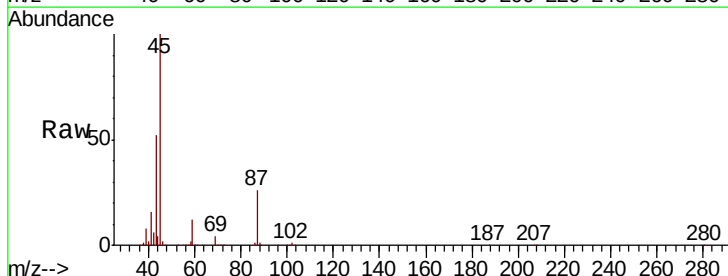
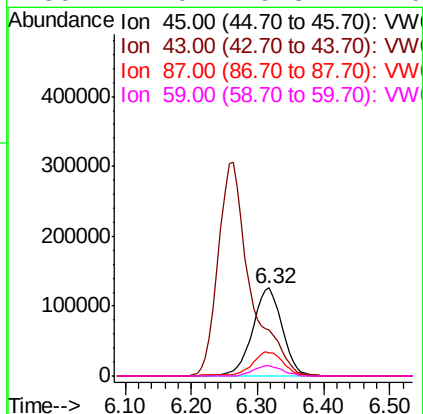
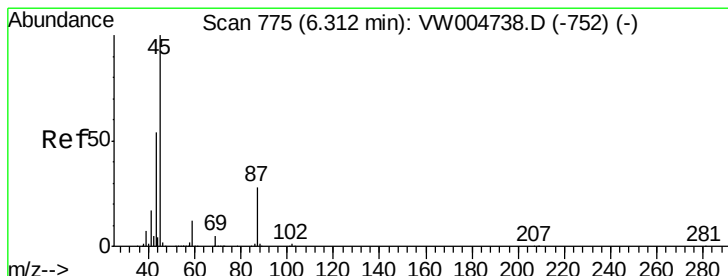
Ion Ratio Lower Upper

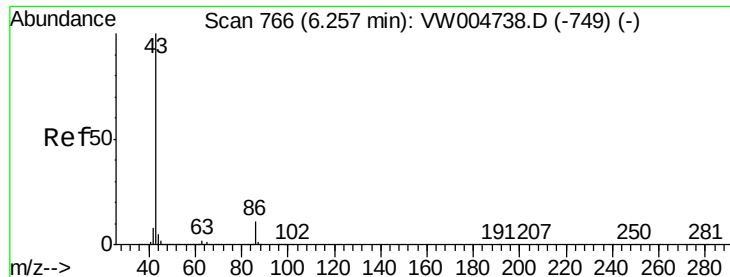
45 100

43 51.5 43.0 64.6

87 26.3 22.2 33.4

59 12.0 9.8 14.6





#23

Vinyl Acetate

Concen: 107.198 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

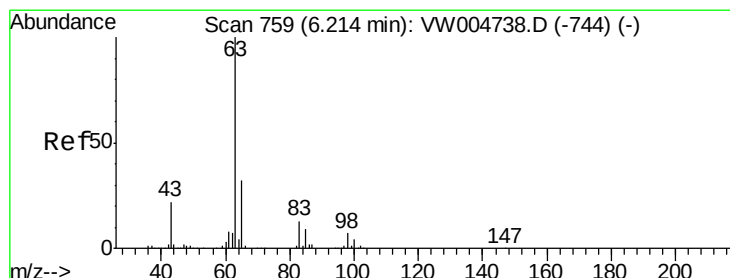
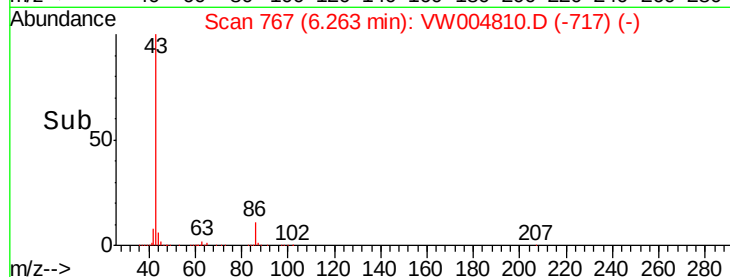
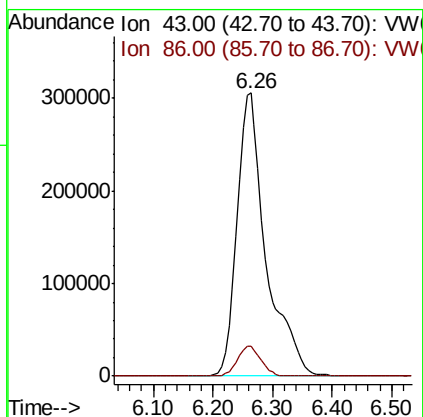
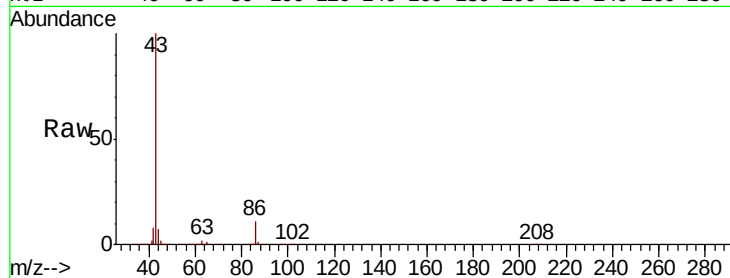
VW0820SBSD02

Tgt Ion: 43 Resp: 1030720

Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7



#24

1,1-Dichloroethane

Concen: 21.725 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

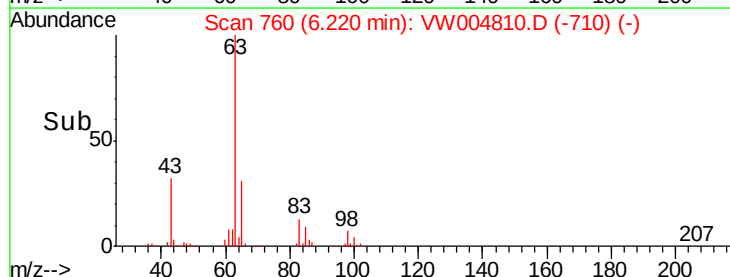
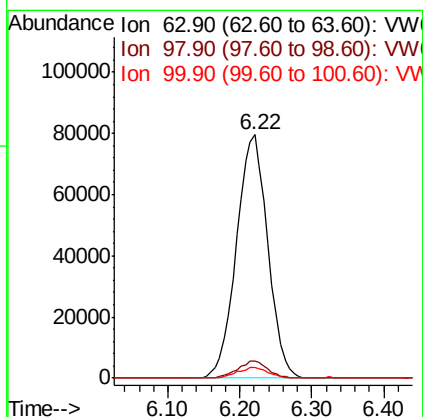
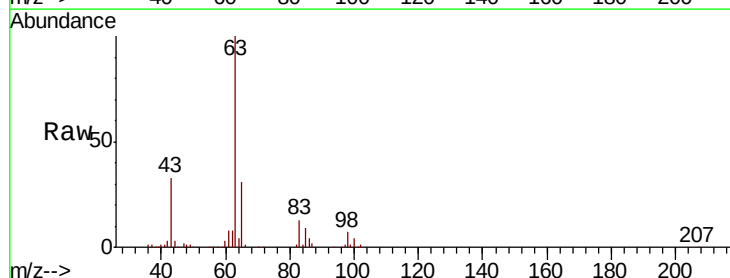
Tgt Ion: 63 Resp: 239987

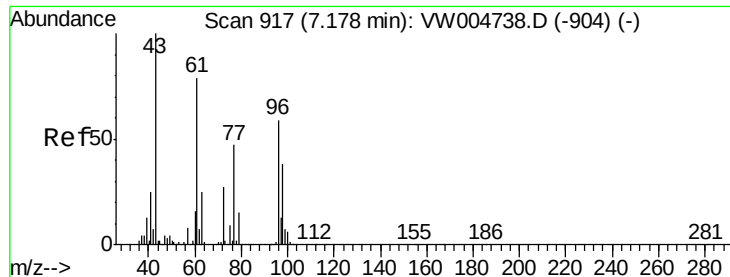
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 105.002 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

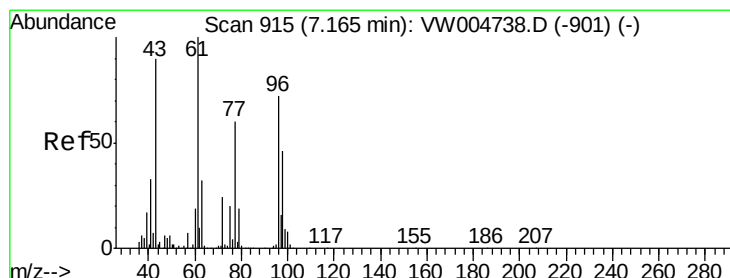
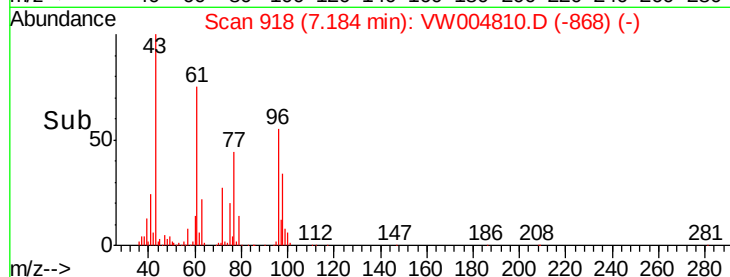
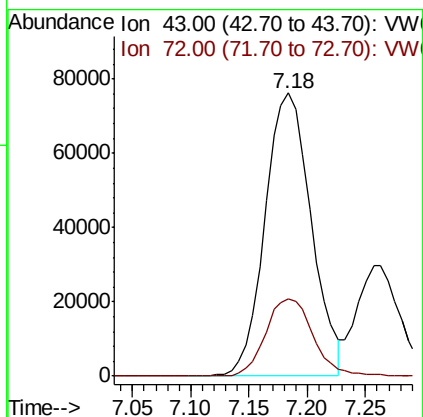
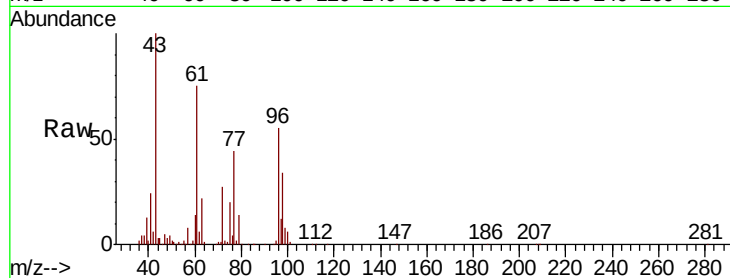
VW0820SBSD02

Tgt Ion: 43 Resp: 208809

Ion Ratio Lower Upper

43 100

72 27.4 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.741 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004810.D

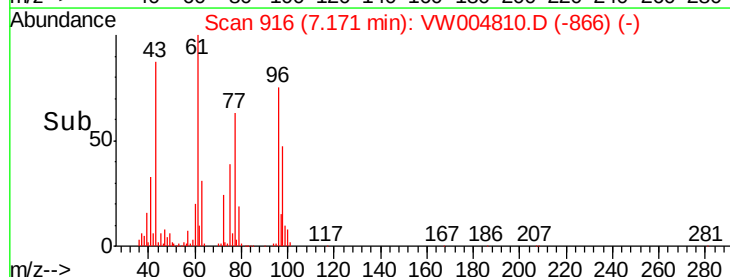
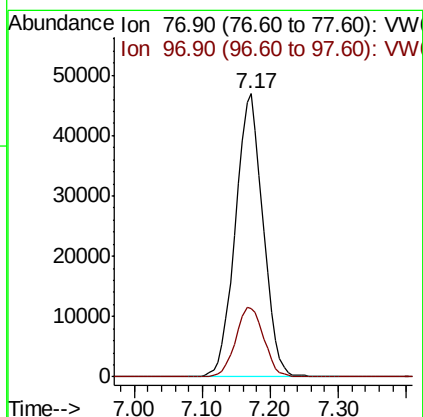
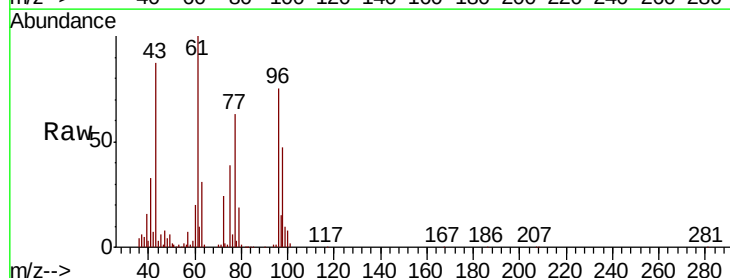
Acq: 21 Aug 2018 01:10

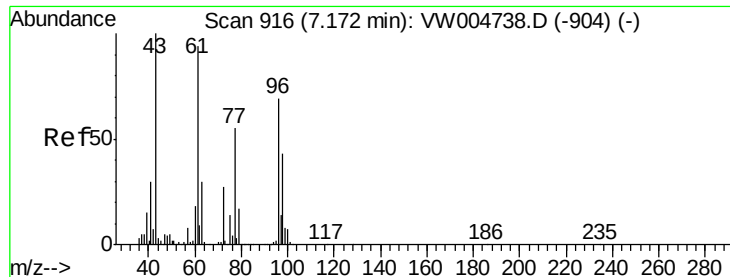
Tgt Ion: 77 Resp: 132335

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.8



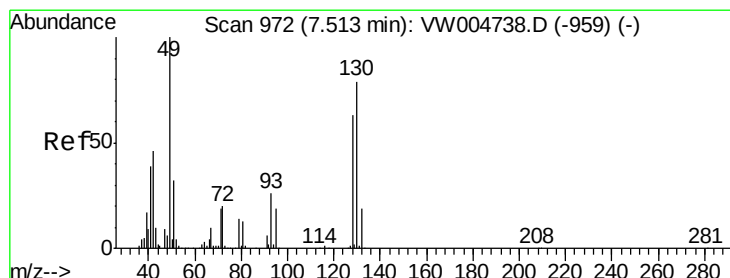
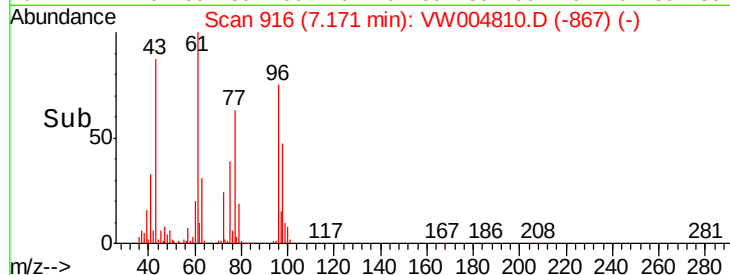
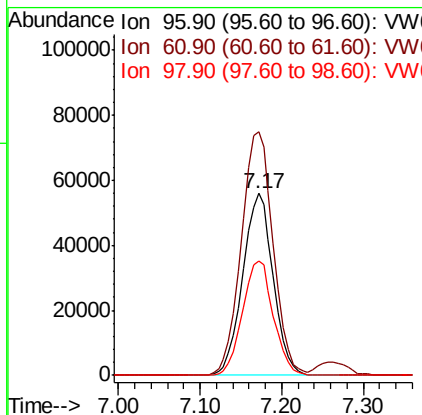
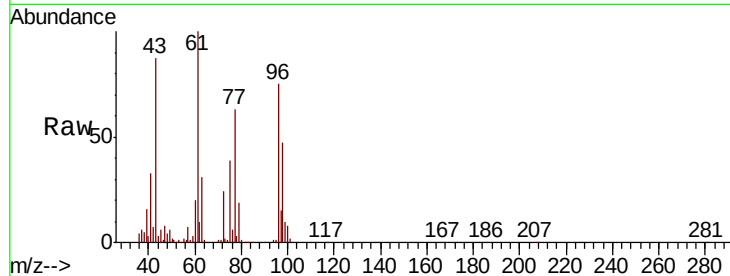


#27

cis-1,2-Dichloroethene
 Concen: 21.750 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

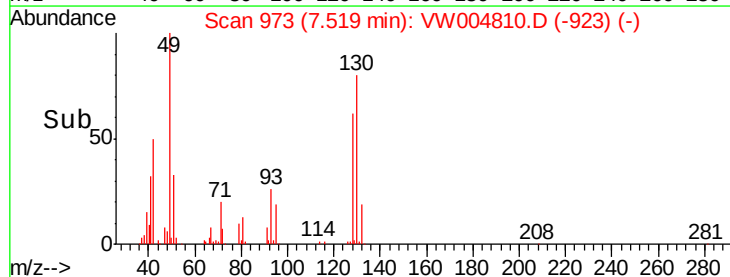
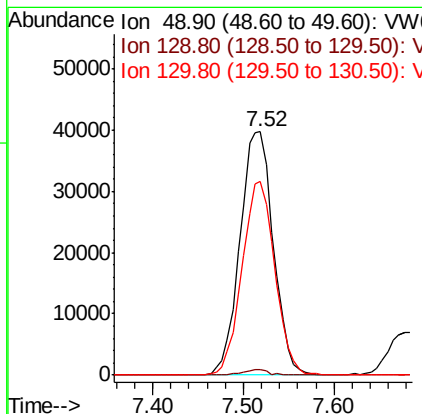
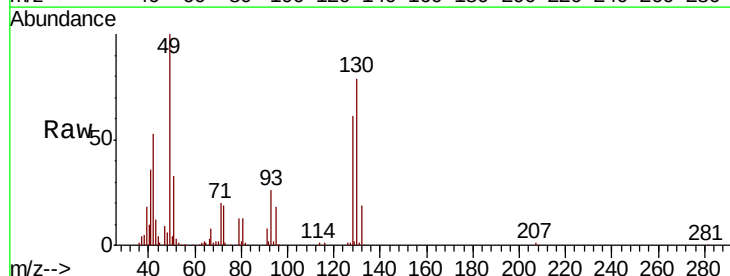
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	277.6
98	63.7	0.0	127.4

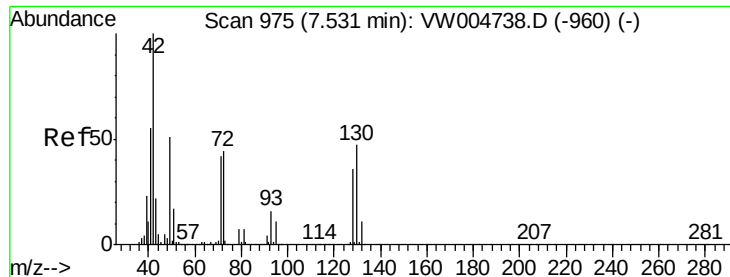


#28

Bromochloromethane
 Concen: 21.785 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	78.2	63.7	95.5





#29

Tetrahydrofuran

Concen: 108.442 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

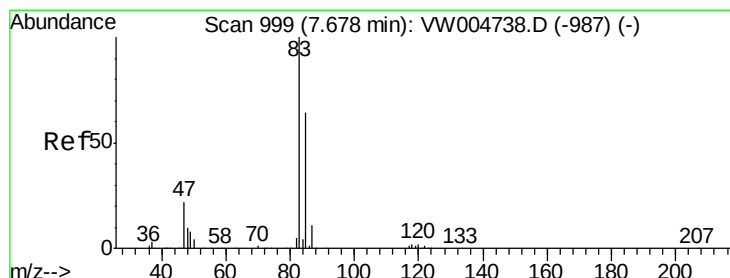
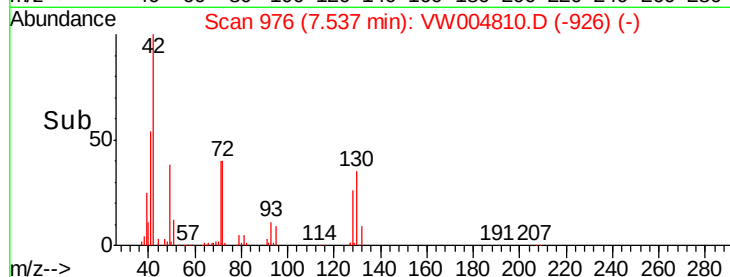
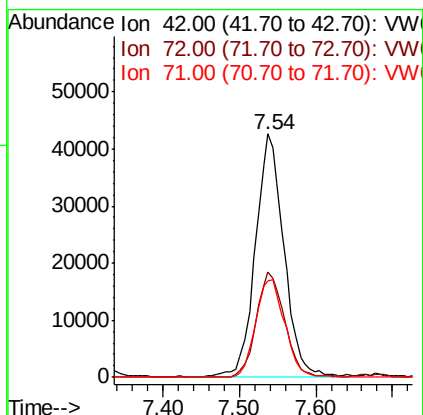
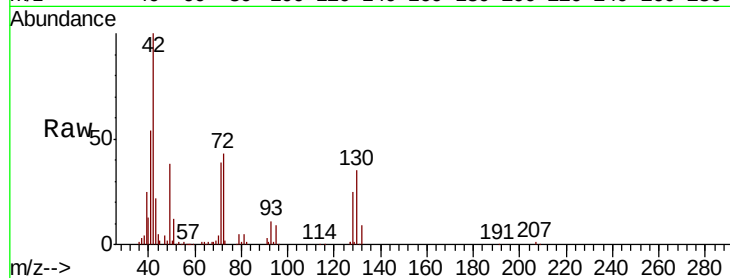
Tgt Ion: 42 Resp: 109965

Ion Ratio Lower Upper

42 100

72 43.3 34.9 52.3

71 41.9 33.8 50.6



#30

Chloroform

Concen: 21.851 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW004810.D

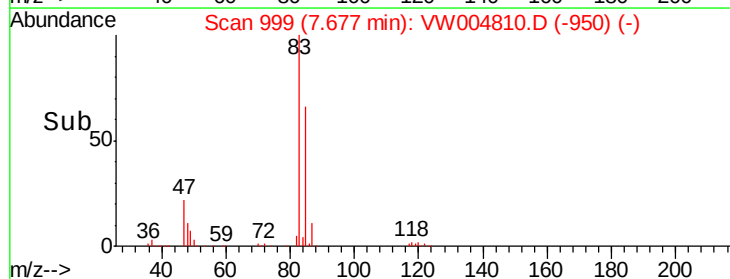
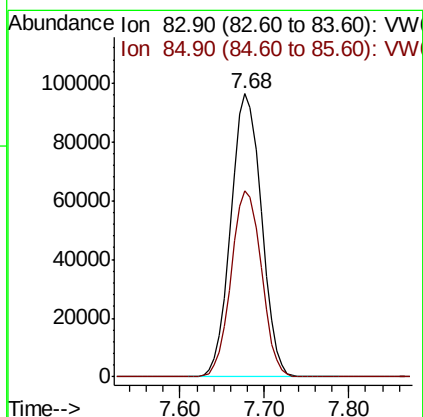
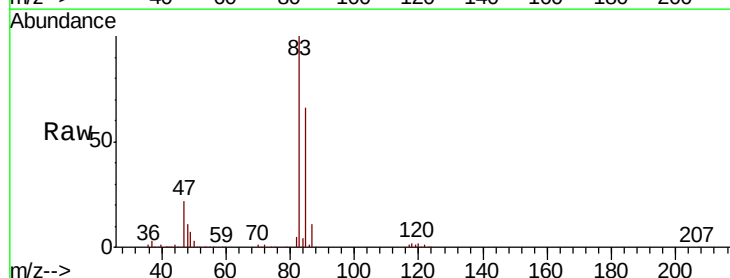
Acq: 21 Aug 2018 01:10

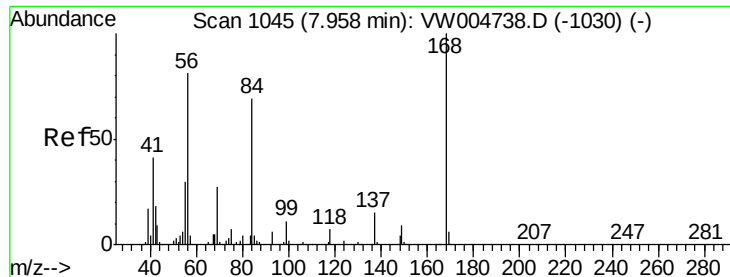
Tgt Ion: 83 Resp: 237395

Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6

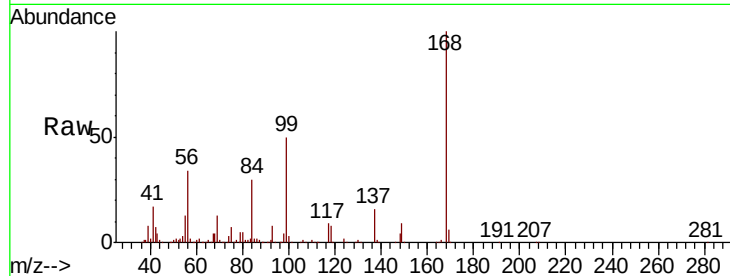




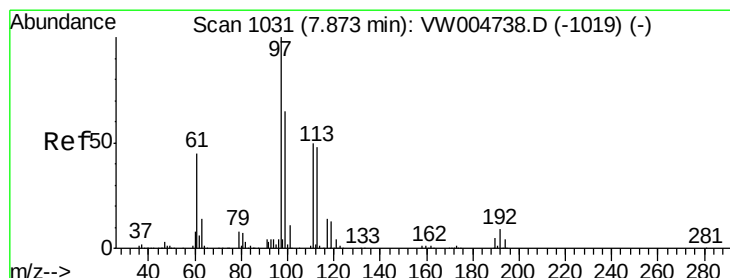
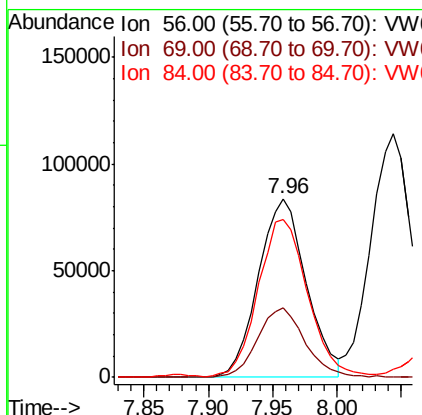
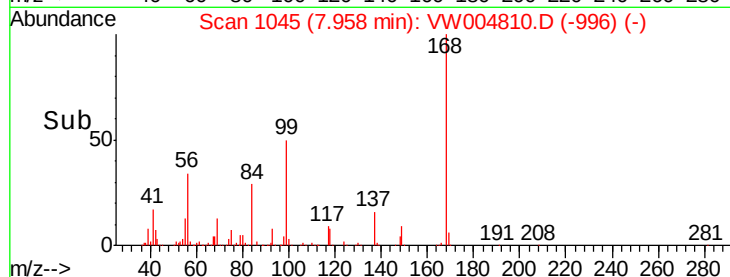
#31
Cyclohexane
Concen: 20.248 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tgt Ion: 56 Resp: 216351
Ion Ratio Lower Upper
56 100
69 38.8 27.1 40.7
84 86.8 68.3 102.5

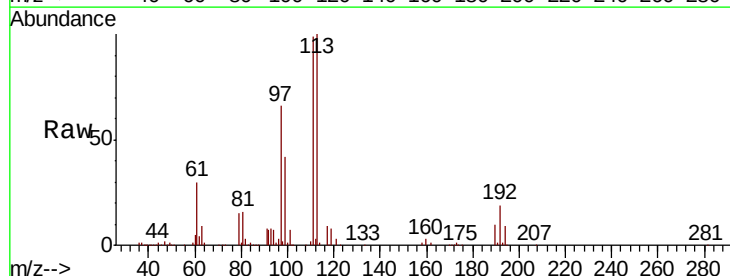


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

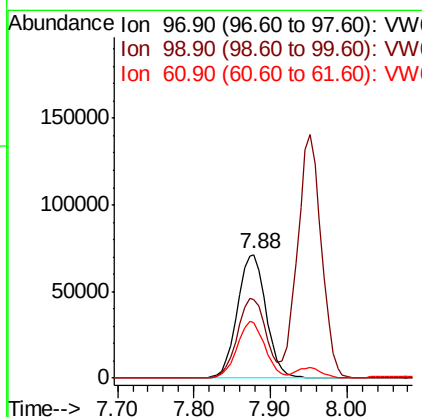
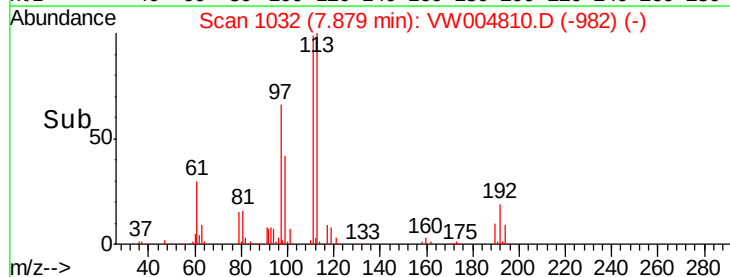


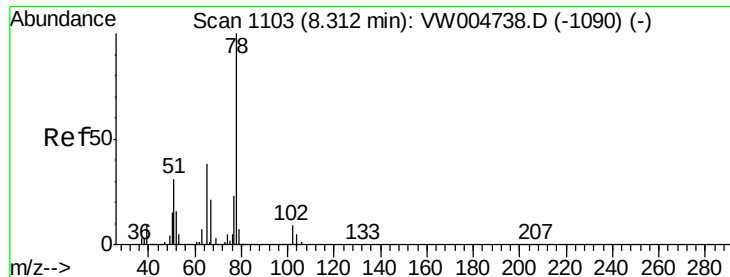
#32
1,1,1-Trichloroethane
Concen: 21.523 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 97 Resp: 185357
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 44.5 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

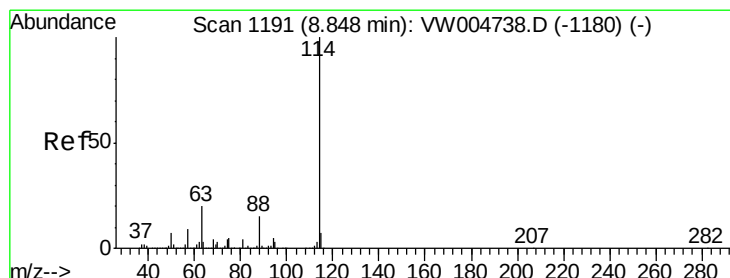
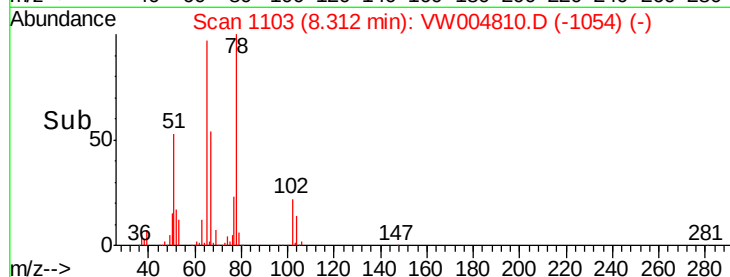
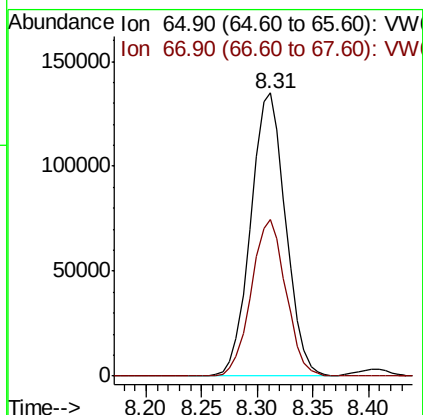
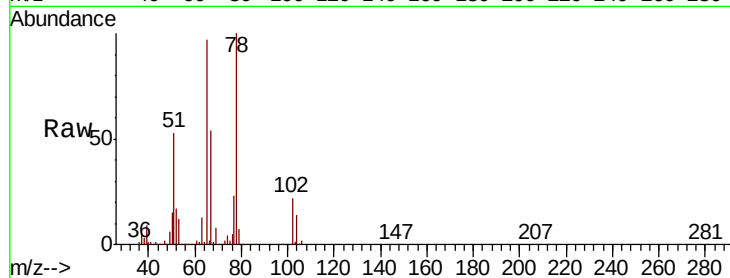




#33
 1,2-Dichloroethane-d4
 Concen: 53.978 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

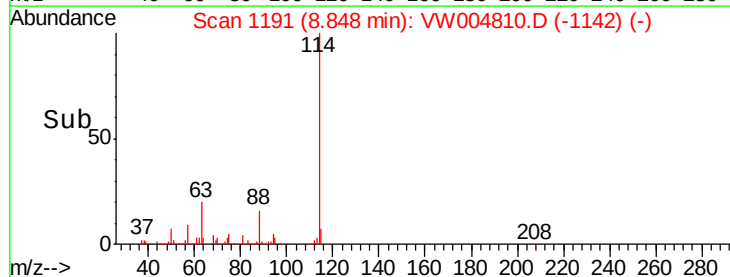
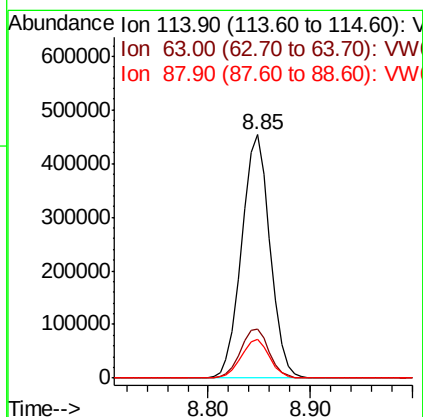
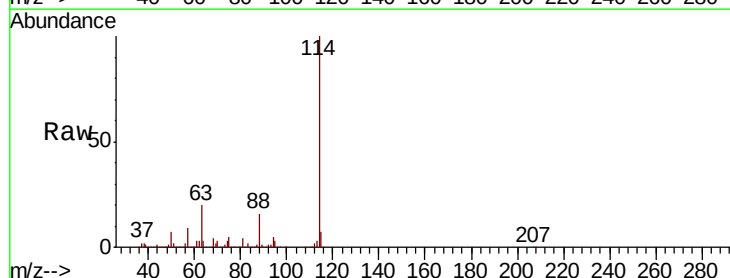
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

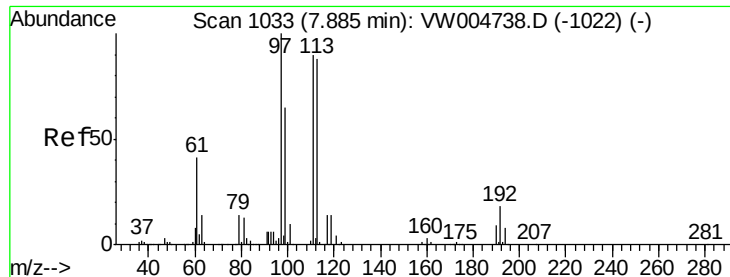
Tgt Ion: 65 Resp: 295125
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 114 Resp: 876442
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.7 0.0 30.0

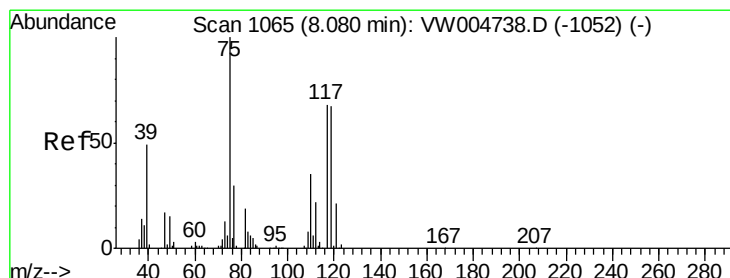
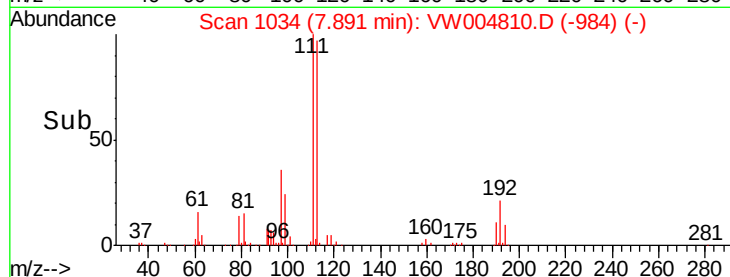
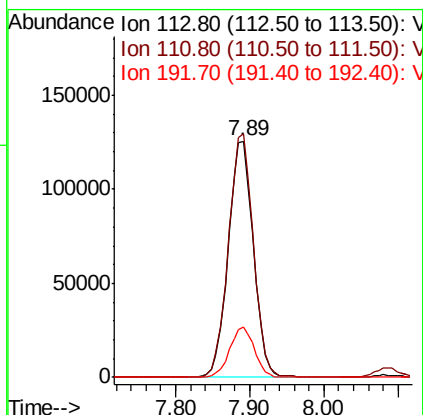
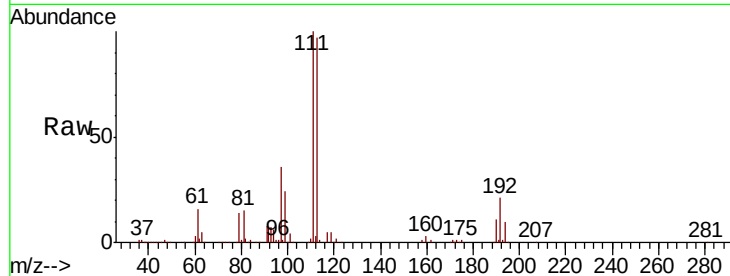




#35
 Dibromofluoromethane
 Concen: 53.016 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

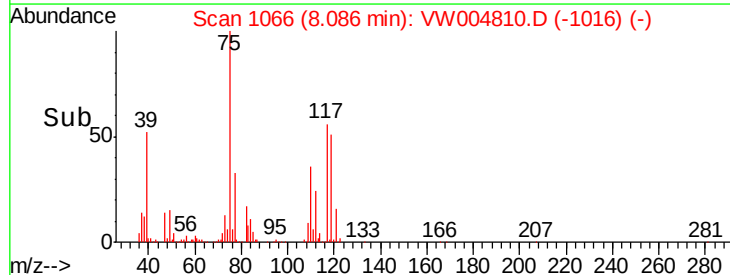
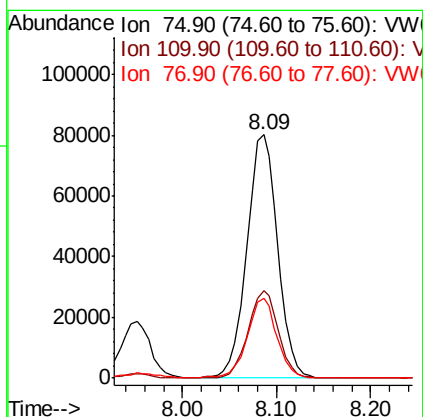
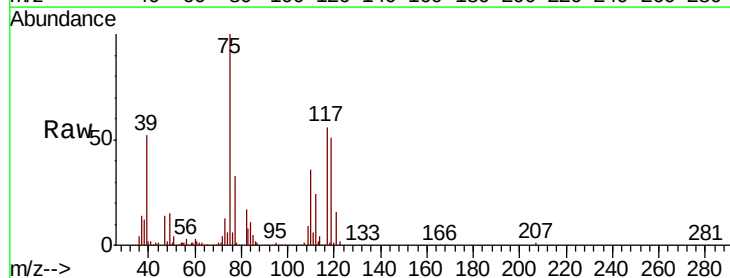
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

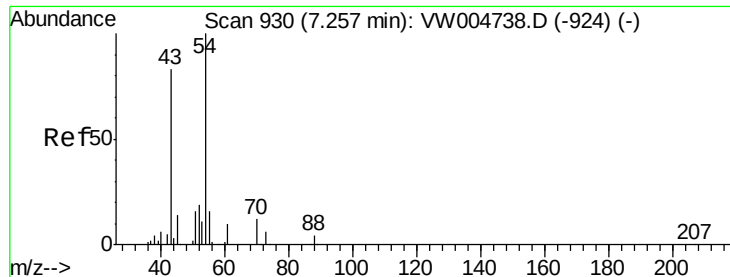
Tgt Ion: 113 Resp: 296978
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 20.8 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 20.287 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 75 Resp: 183167
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.8 53.5
 77 31.6 24.9 37.3

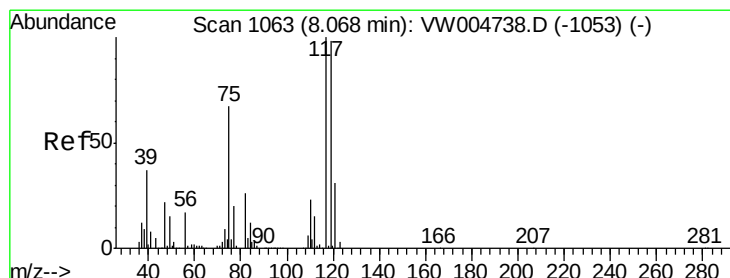
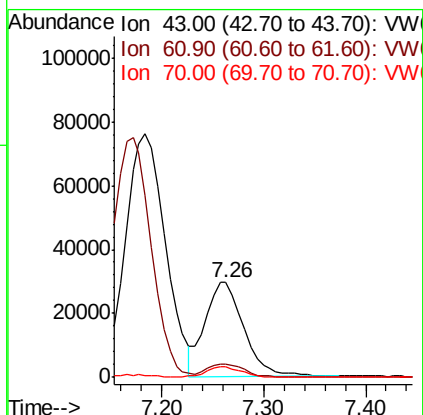
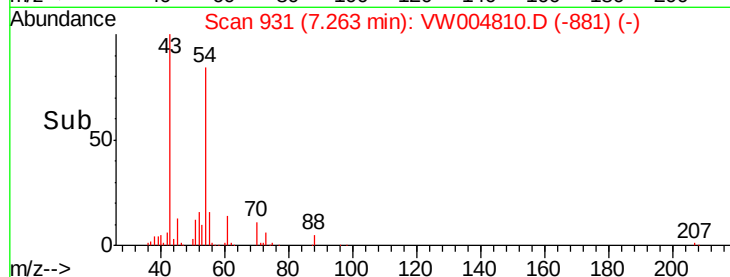
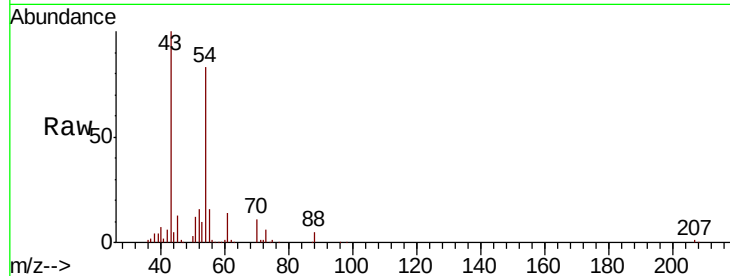




#37
Ethyl Acetate
Concen: 21.709 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

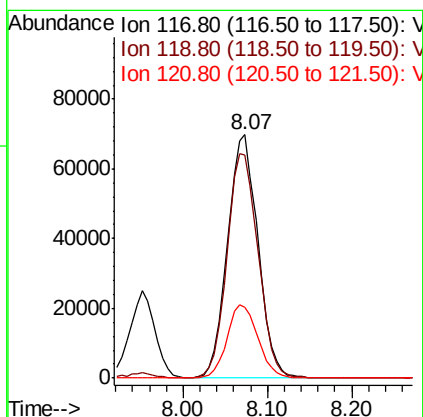
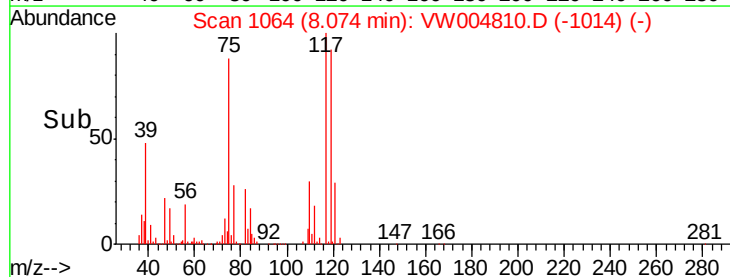
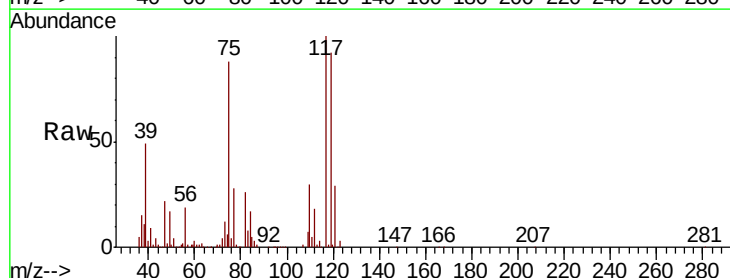
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

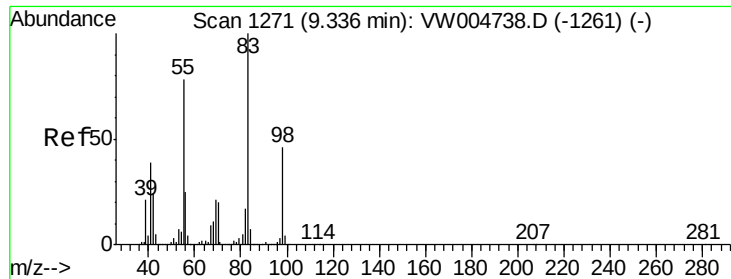
Tgt Ion: 43 Resp: 78136
Ion Ratio Lower Upper
43 100
61 13.5 11.6 17.4
70 10.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.580 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 117 Resp: 171042
Ion Ratio Lower Upper
117 100
119 91.8 78.0 117.0
121 29.3 24.8 37.2

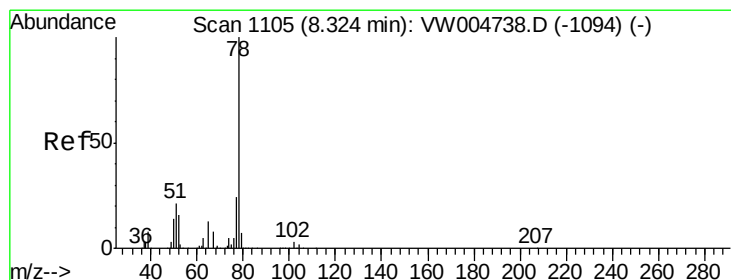
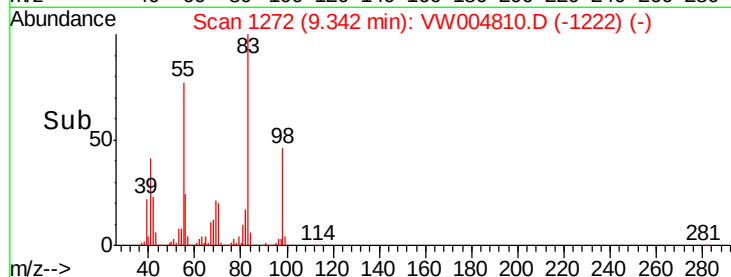
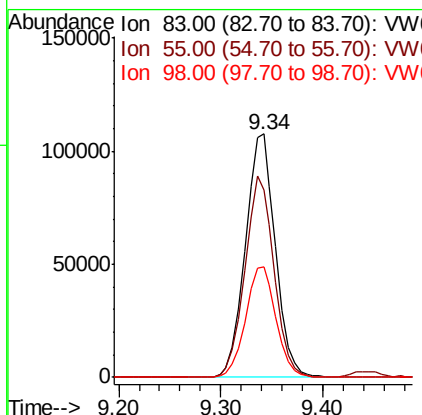
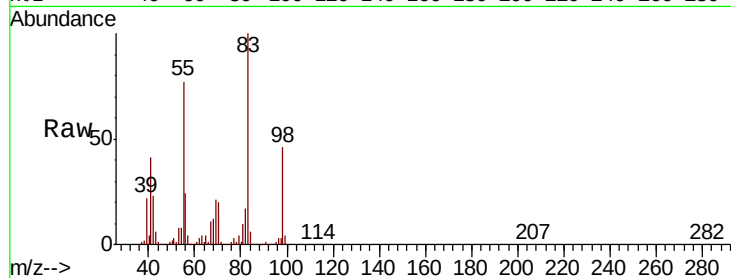




#39
Methylcyclohexane
Concen: 19.451 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

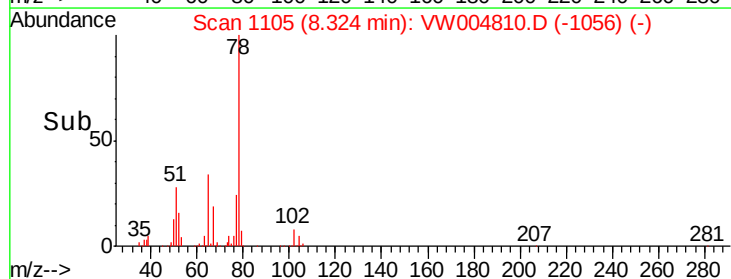
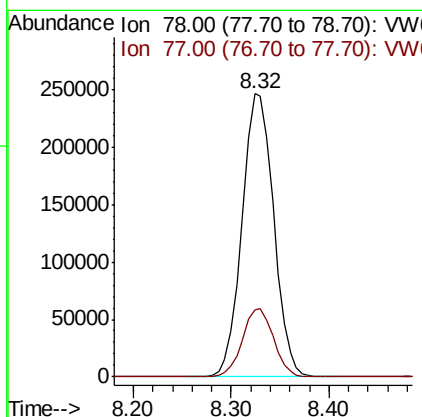
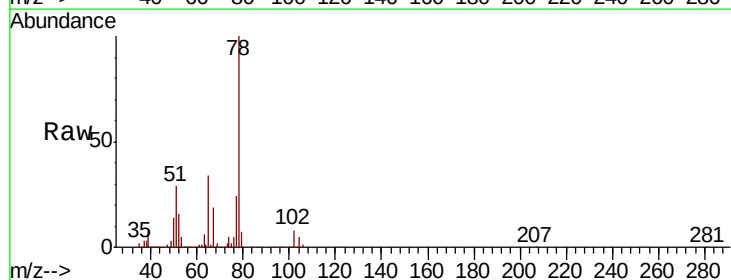
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

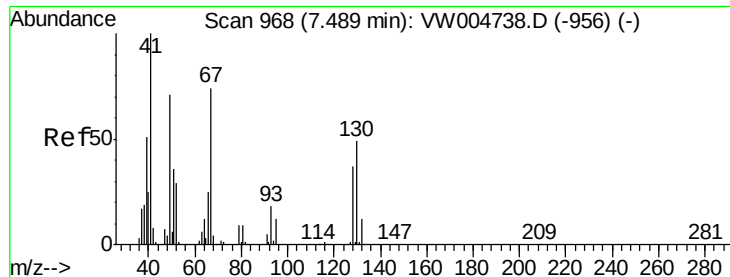
Tgt Ion: 83 Resp: 219629
Ion Ratio Lower Upper
83 100
55 76.9 62.4 93.6
98 45.6 36.5 54.7



#40
Benzene
Concen: 21.106 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 78 Resp: 553819
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

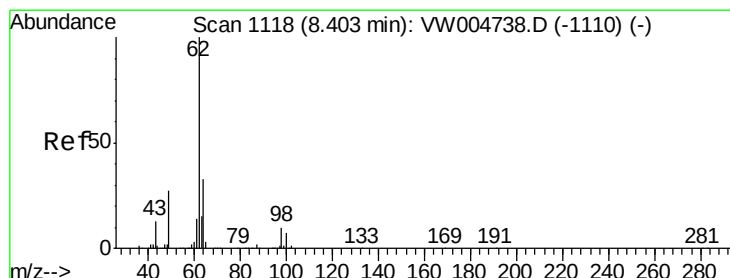
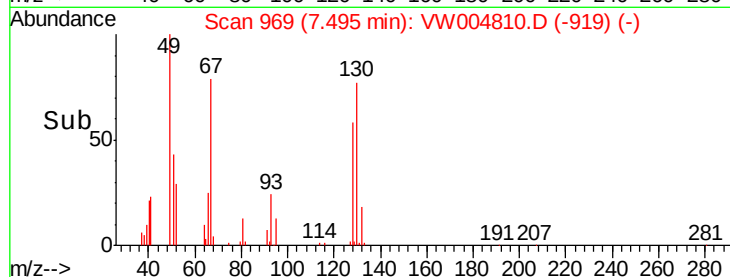
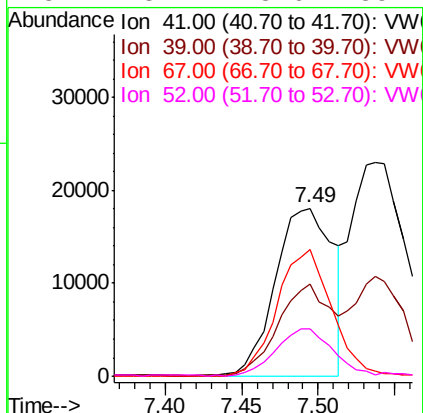
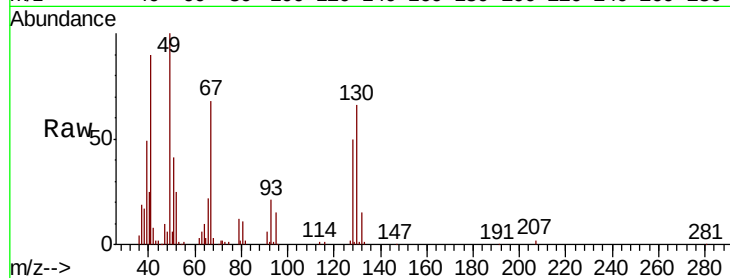




#41
Methacrylonitrile
Concen: 23.364 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

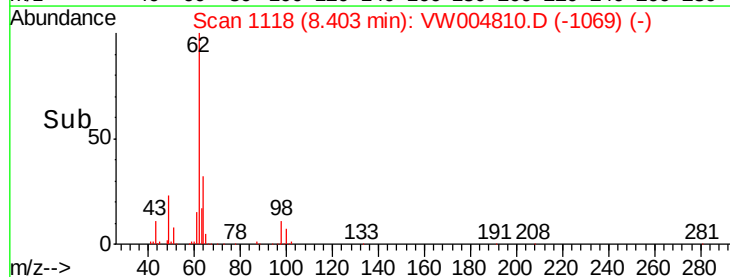
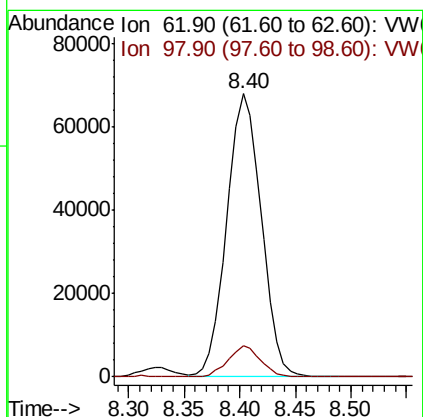
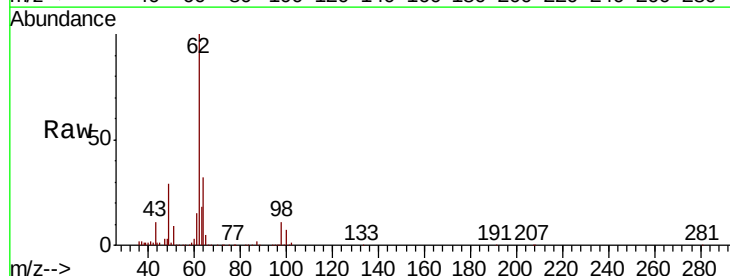
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

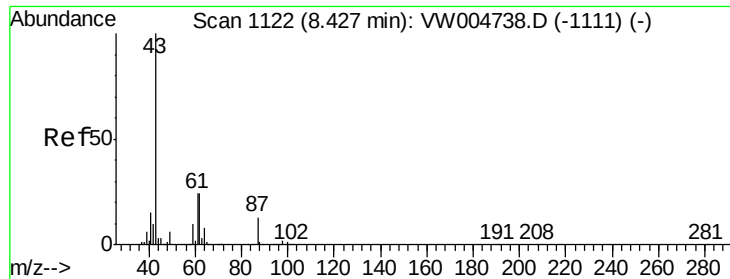
Tgt Ion:	41	Resp:	47723
Ion	Ratio	Lower	Upper
41	100		
39	49.9	41.0	61.4
67	71.5	59.5	89.3
52	28.4	23.6	35.4



#42
1,2-Dichloroethane
Concen: 21.747 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion:	62	Resp:	146326
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.919 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

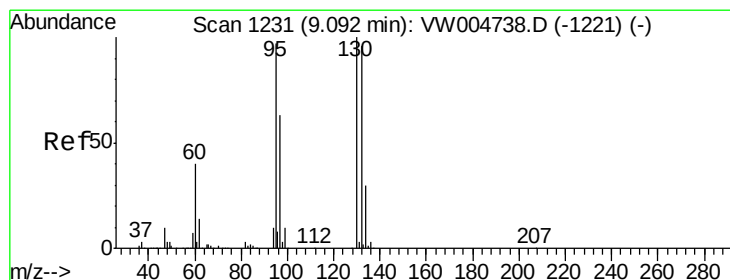
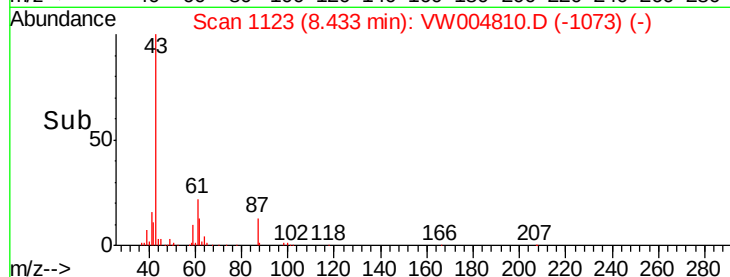
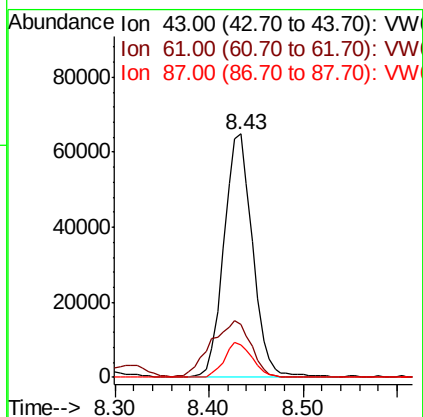
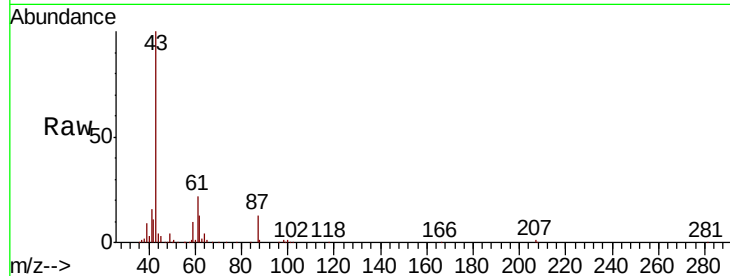
Tgt Ion: 43 Resp: 135238

Ion Ratio Lower Upper

43 100

61 32.5 26.2 39.4

87 14.1 10.9 16.3



#44

Trichloroethene

Concen: 20.663 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004810.D

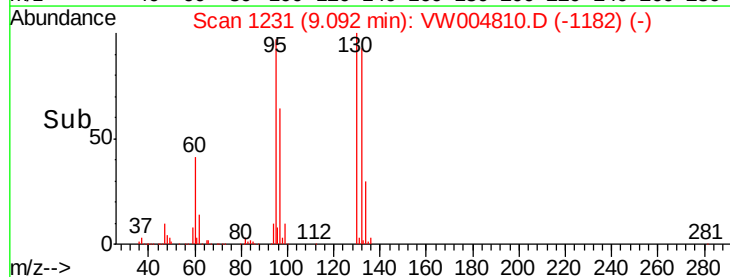
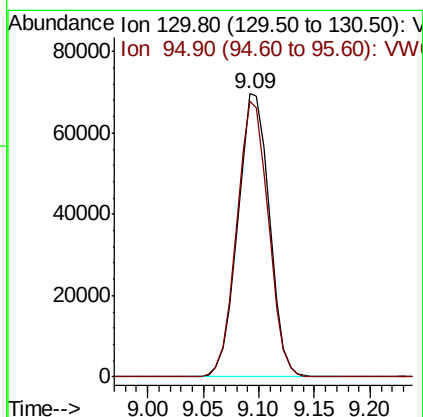
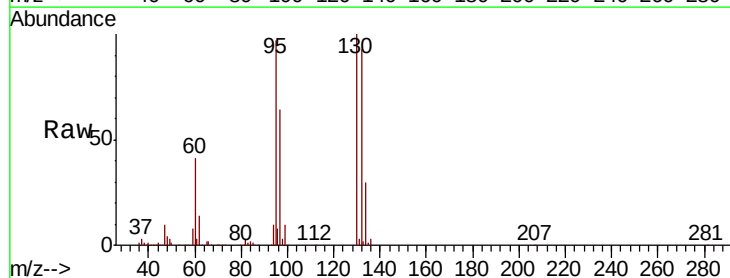
Acq: 21 Aug 2018 01:10

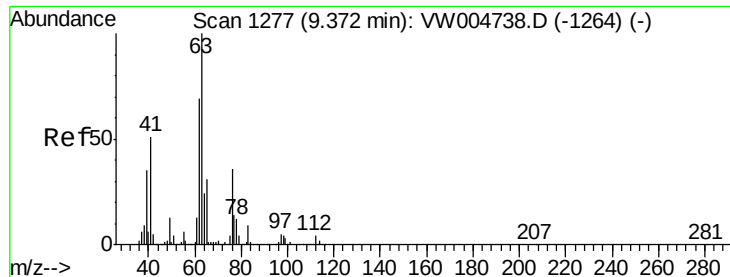
Tgt Ion: 130 Resp: 137633

Ion Ratio Lower Upper

130 100

95 97.4 0.0 194.4

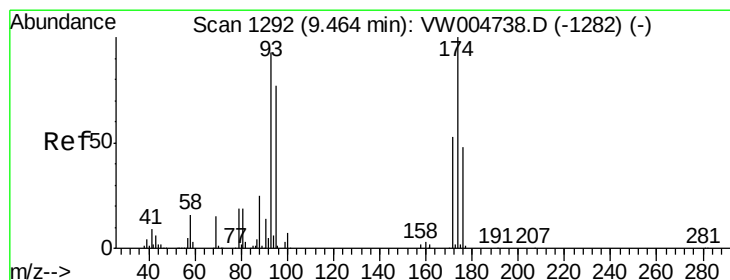
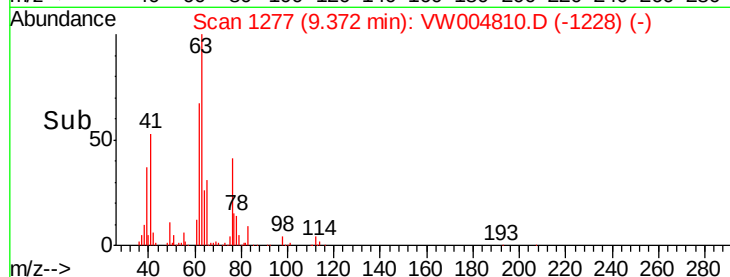
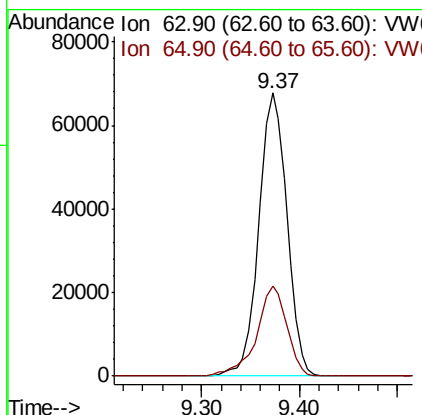
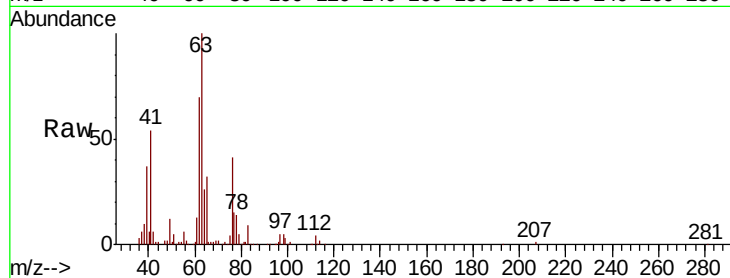




#45
 1,2-Dichloropropane
 Concen: 21.062 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

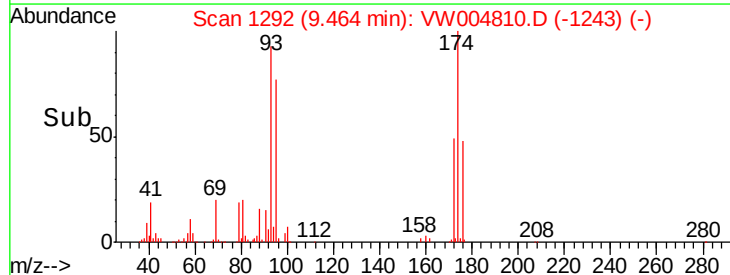
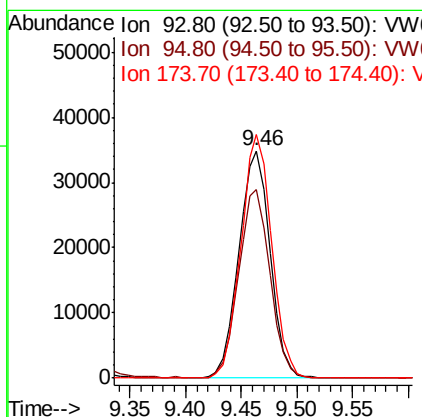
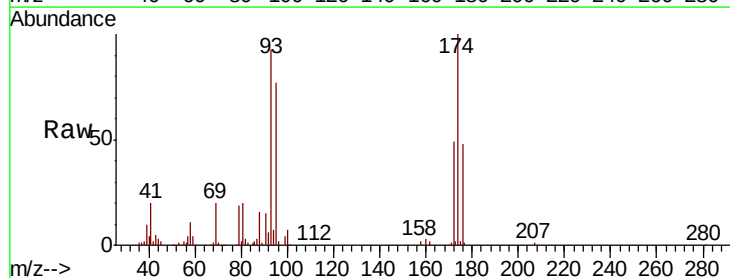
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

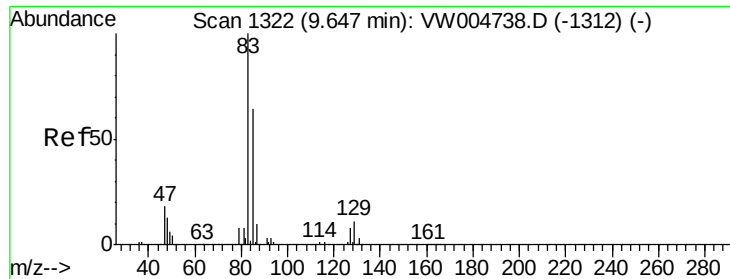
Tgt Ion: 63 Resp: 135185
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0



#46
 Dibromomethane
 Concen: 21.353 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 93 Resp: 67897
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 105.7 85.3 127.9





#47

Bromodichloromethane

Concen: 20.855 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

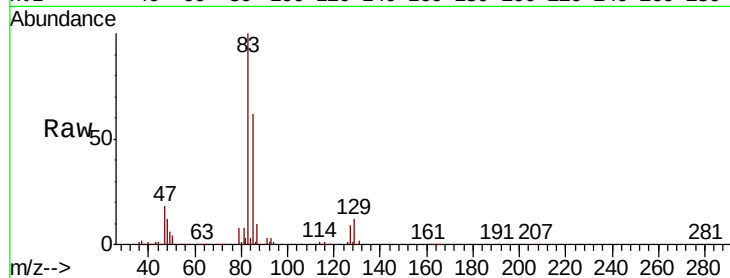
Tgt Ion: 83 Resp: 158374

Ion Ratio Lower Upper

83 100

85 61.7 51.2 76.8

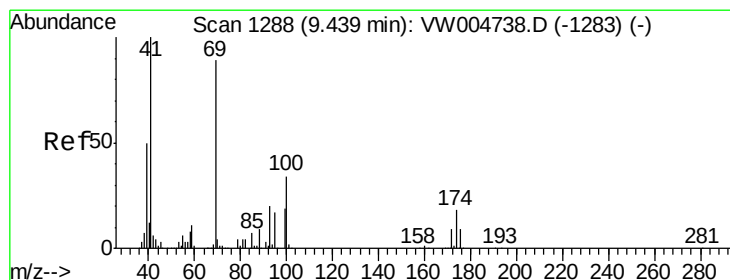
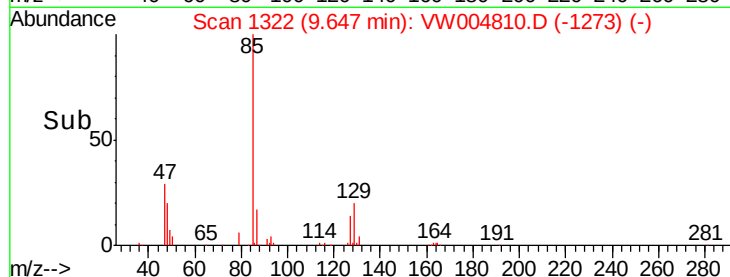
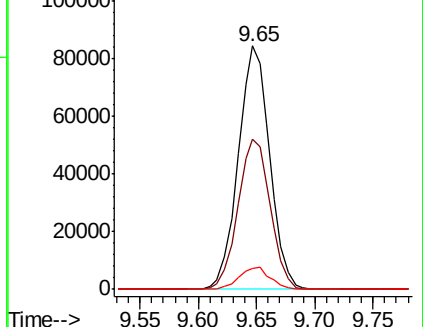
127 8.5 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 20.356 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

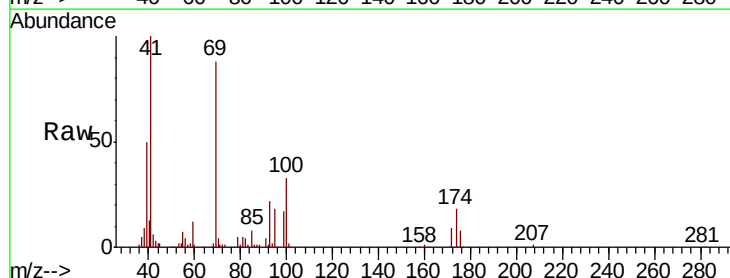
Tgt Ion: 41 Resp: 61750

Ion Ratio Lower Upper

41 100

69 100.0 75.2 112.8

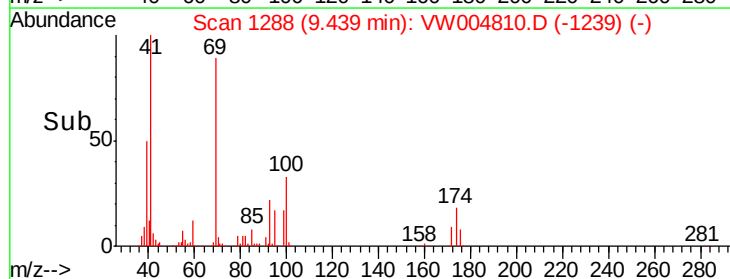
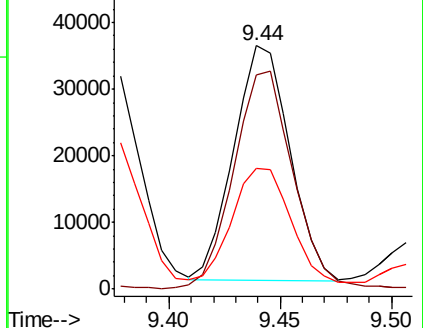
39 51.2 39.8 59.6

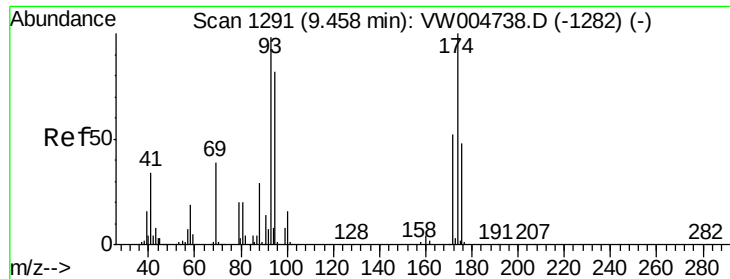


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

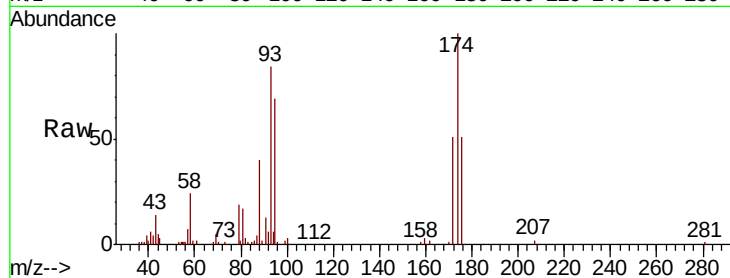




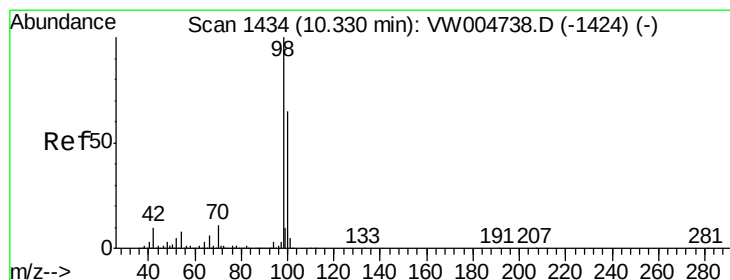
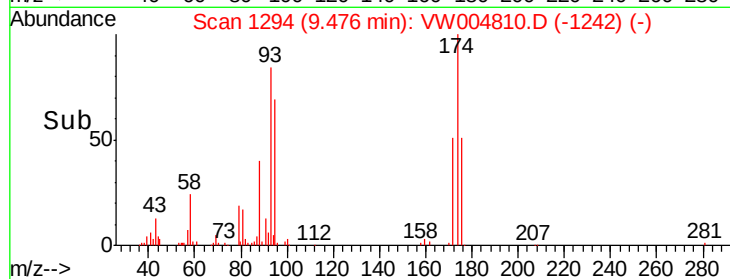
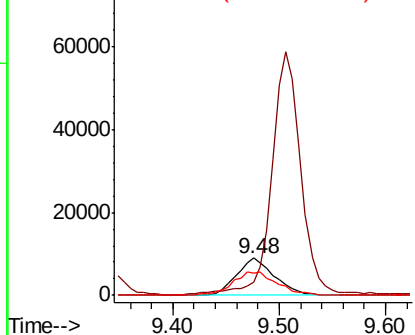
#49
 1,4-Dioxane
 Concen: 483.462 ug/l
 RT: 9.48 min Scan# 1294
 Delta R.T. 0.02 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

Tgt Ion: 88 Resp: 22460
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 73.4 60.0 90.0

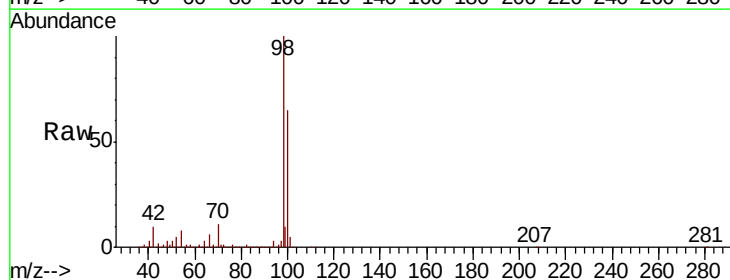


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

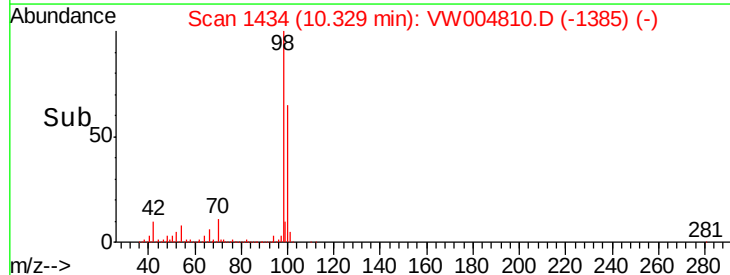
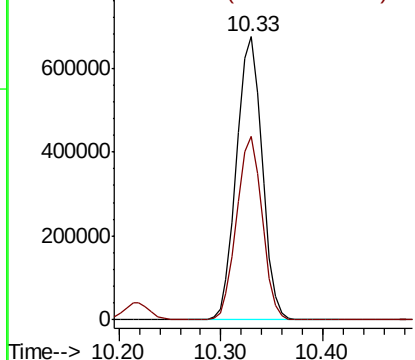


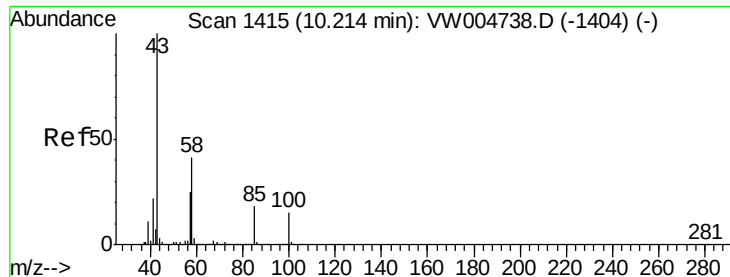
#50
 Toluene-d8
 Concen: 53.484 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 98 Resp: 1169499
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

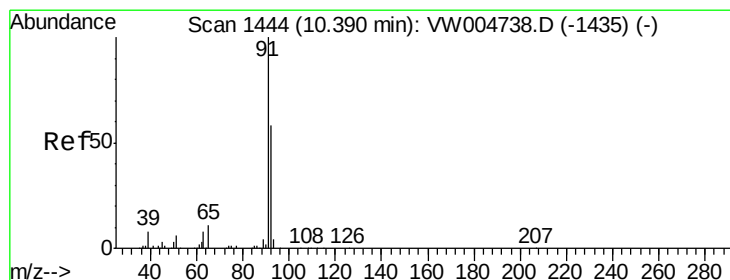
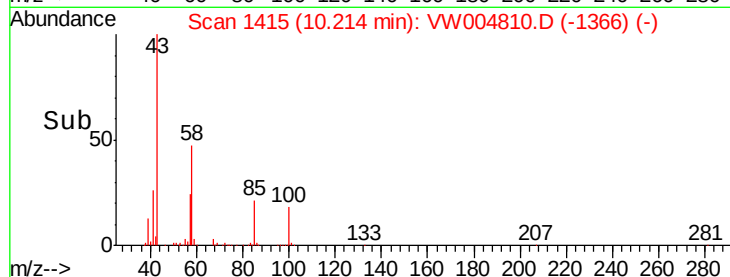
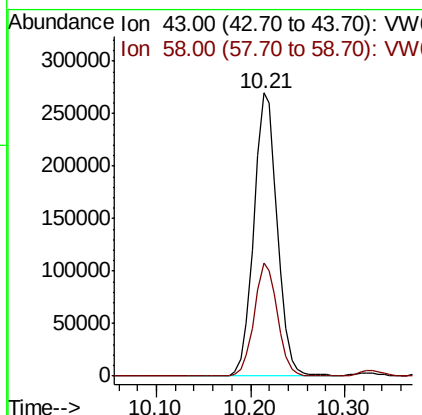
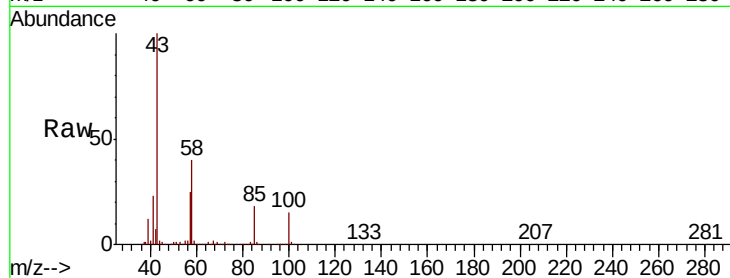




#51
 4-Methyl-2-Pentanone
 Concen: 108.188 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

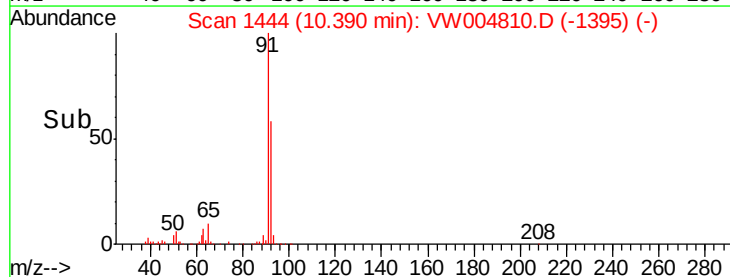
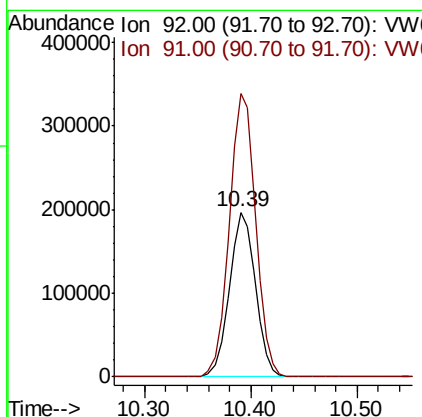
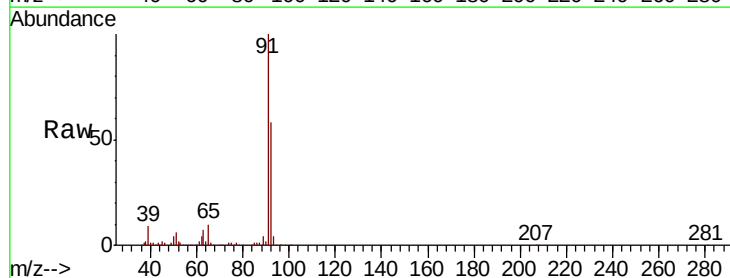
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

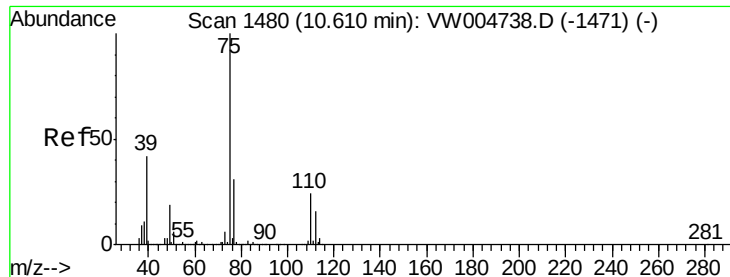
Tgt Ion: 43 Resp: 472707
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.7 49.1



#52
 Toluene
 Concen: 21.443 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 92 Resp: 337457
 Ion Ratio Lower Upper
 92 100
 91 173.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.410 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

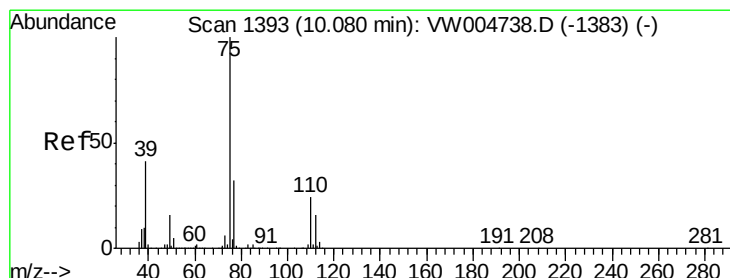
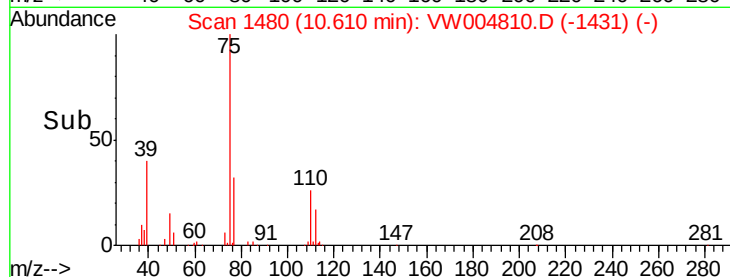
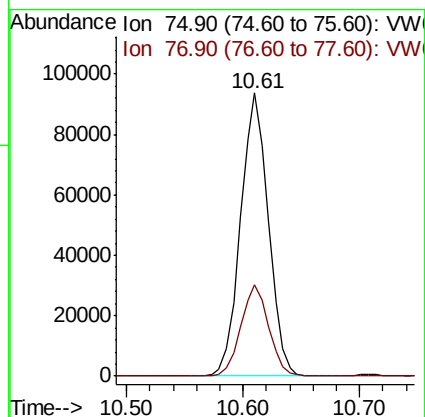
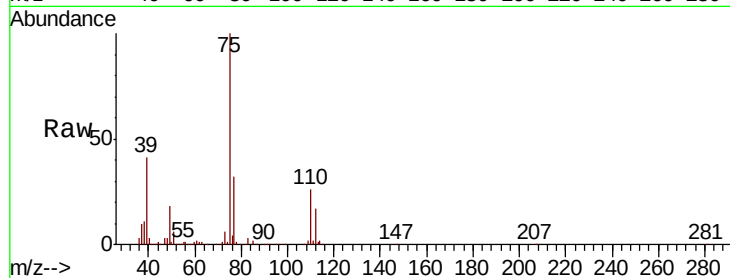
VW0820SBSD02

Tgt Ion: 75 Resp: 156157

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 21.015 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

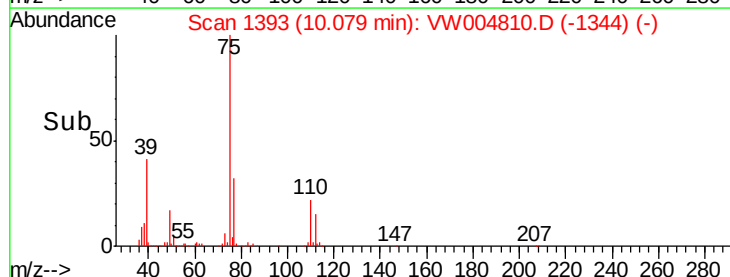
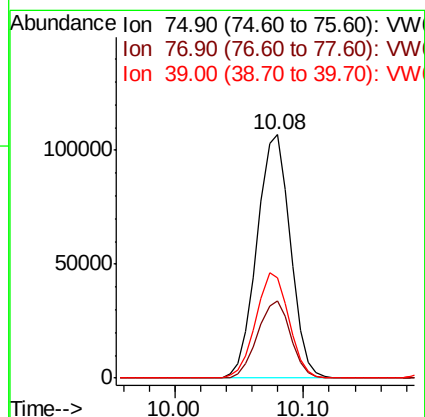
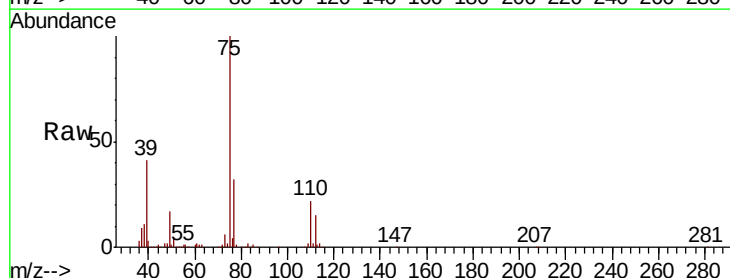
Tgt Ion: 75 Resp: 191685

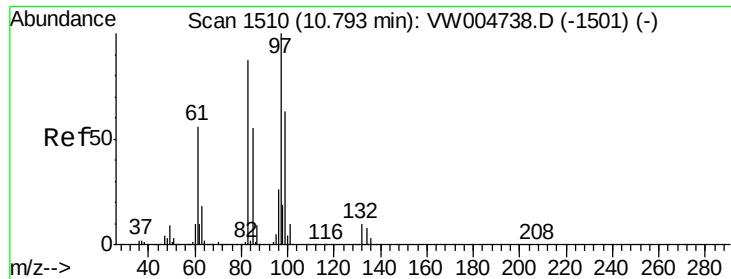
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 41.3 33.0 49.4

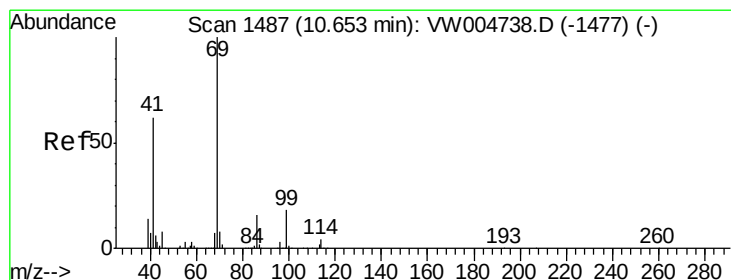
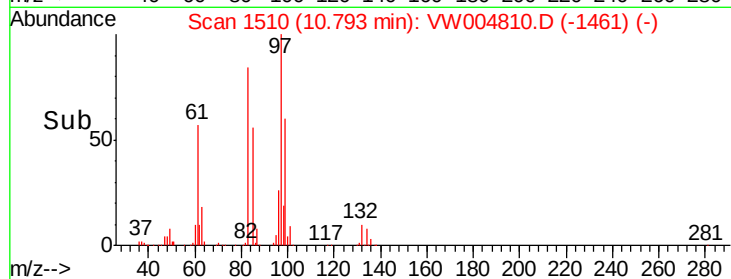
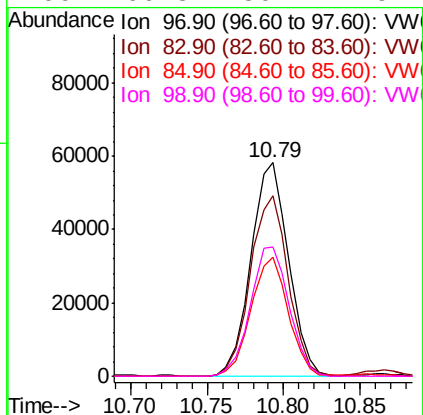
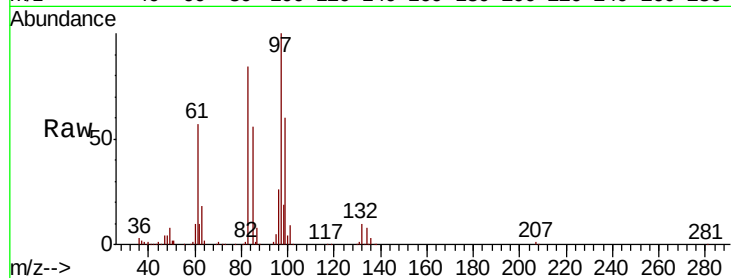




#55
 1,1,2-Trichloroethane
 Concen: 22.076 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

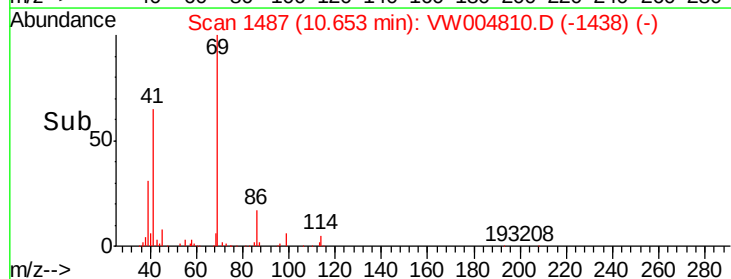
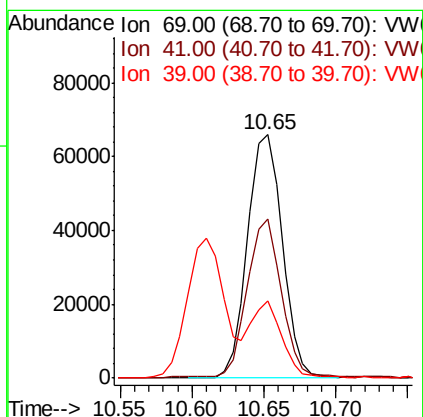
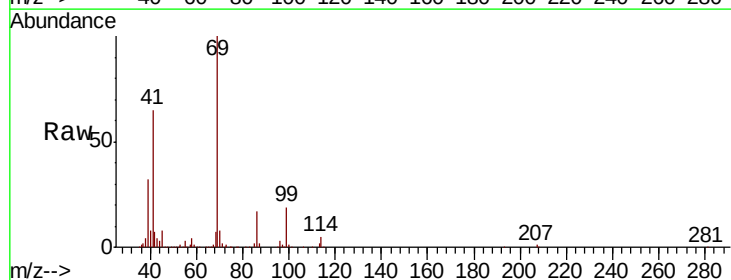
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

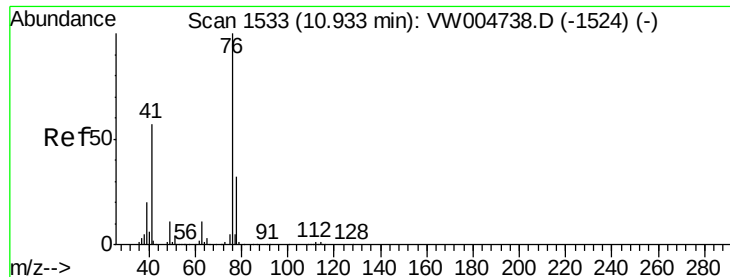
Tgt Ion:	97	Resp:	99785
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.4	104.2
85	56.0	44.3	66.5
99	60.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.623 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion:	69	Resp:	110782
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	27.4	21.4	32.2





#57

1,3-Dichloropropane

Concen: 21.452 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

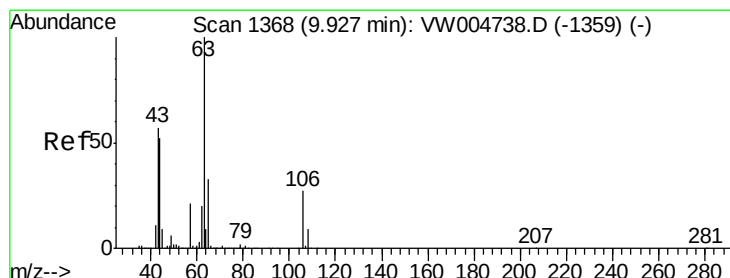
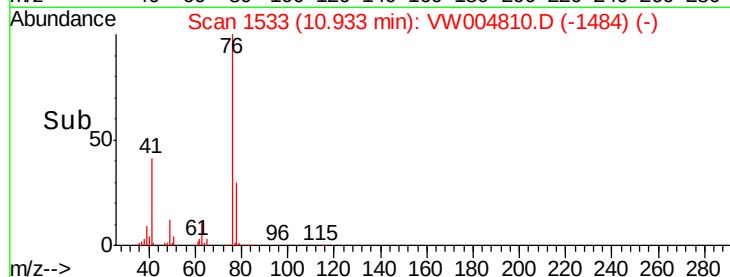
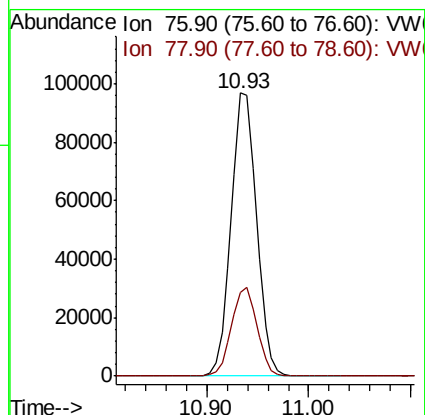
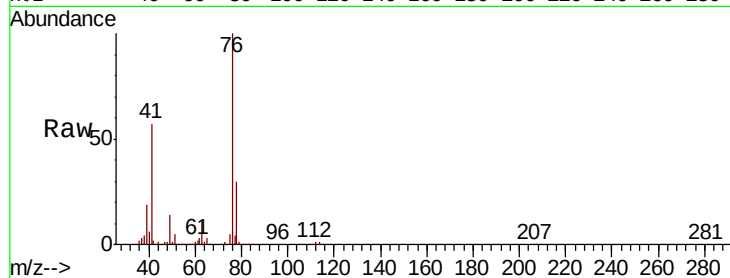
VW0820SBSD02

Tgt Ion: 76 Resp: 167370

Ion Ratio Lower Upper

76 100

78 31.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 109.853 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004810.D

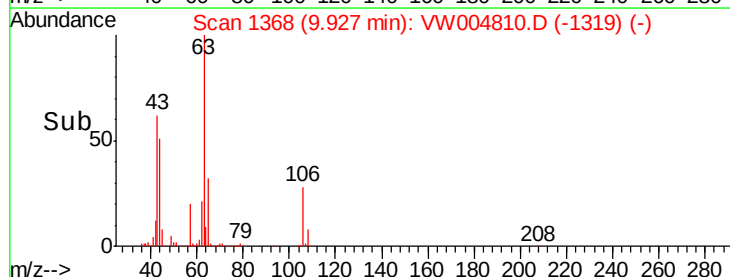
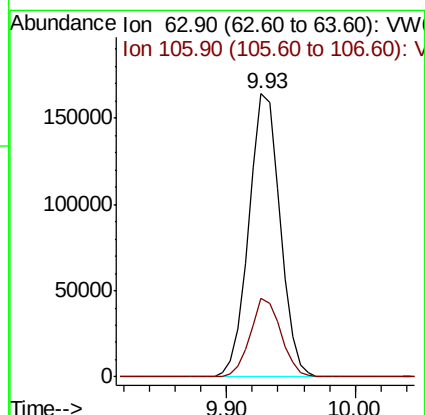
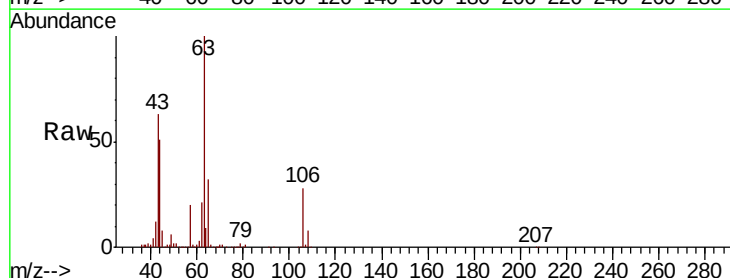
Acq: 21 Aug 2018 01:10

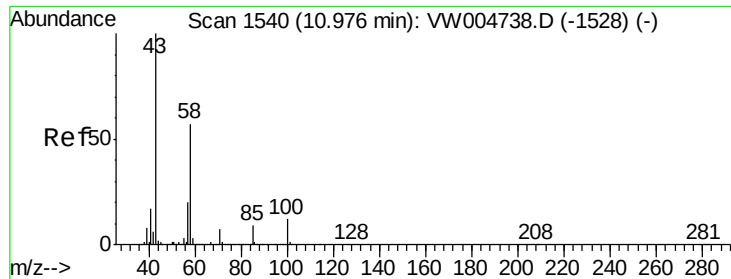
Tgt Ion: 63 Resp: 274216

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

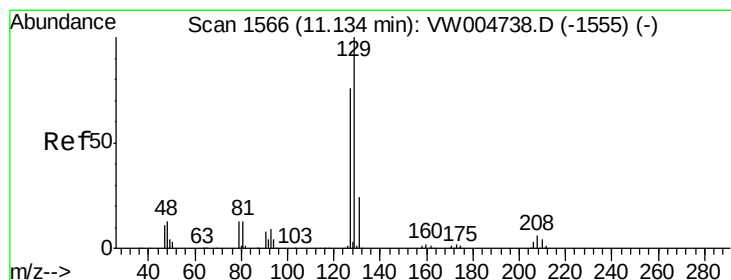
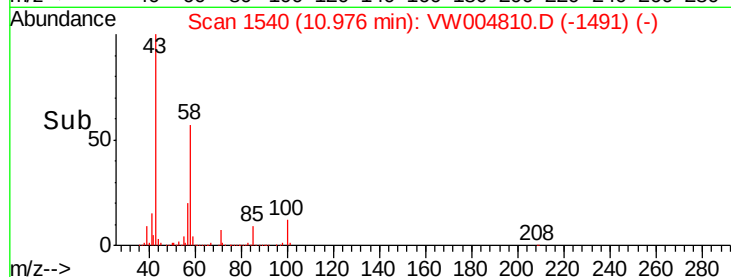
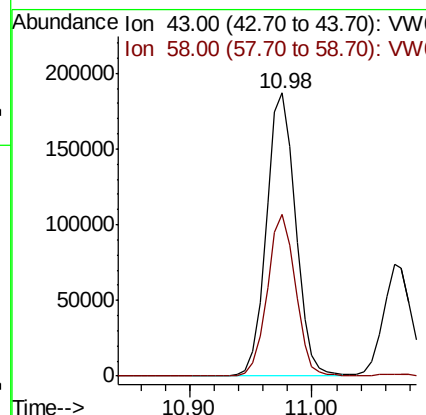
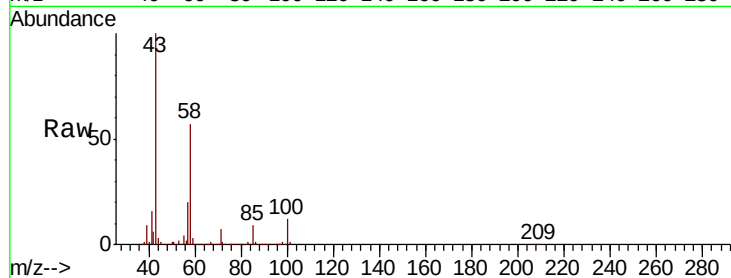




#59
2-Hexanone
Concen: 104.577 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

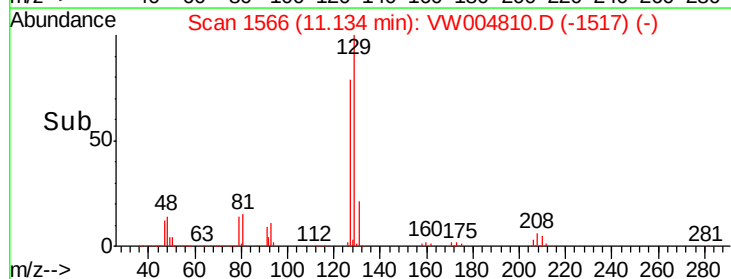
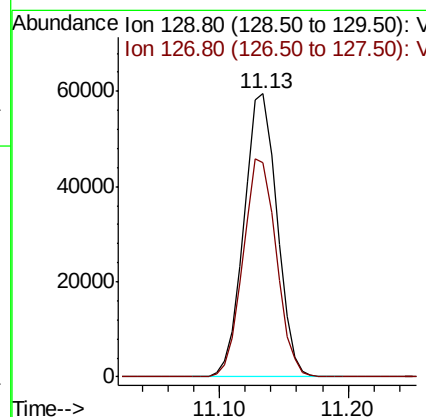
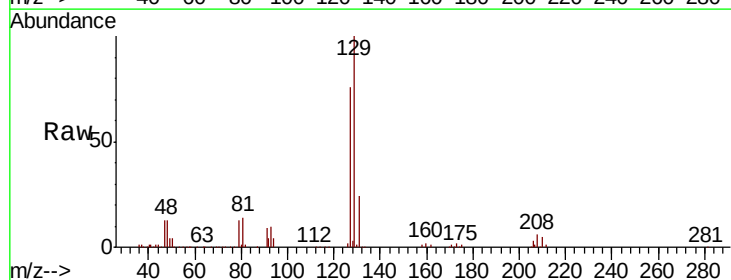
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

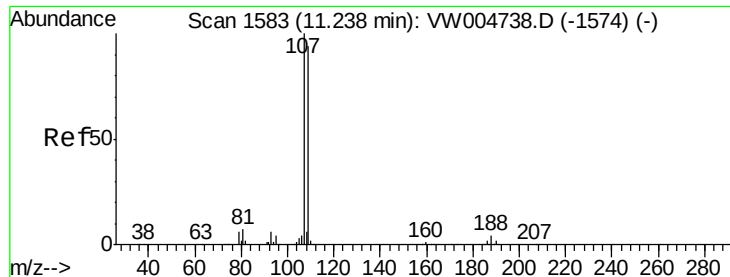
Tgt Ion: 43 Resp: 309599
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4



#60
Dibromochloromethane
Concen: 20.795 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 129 Resp: 105453
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

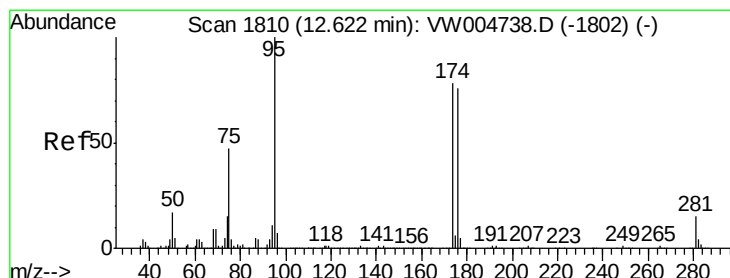
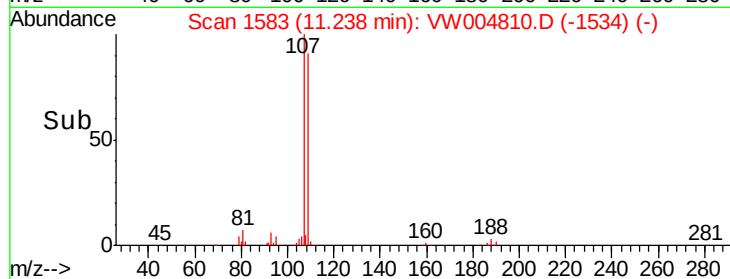
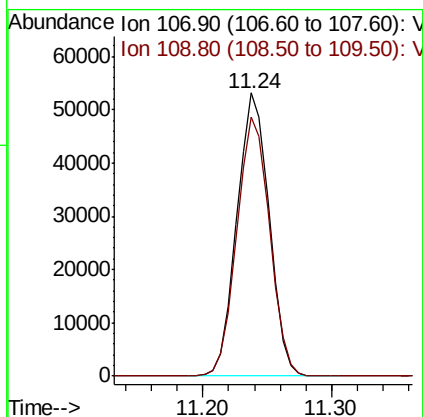
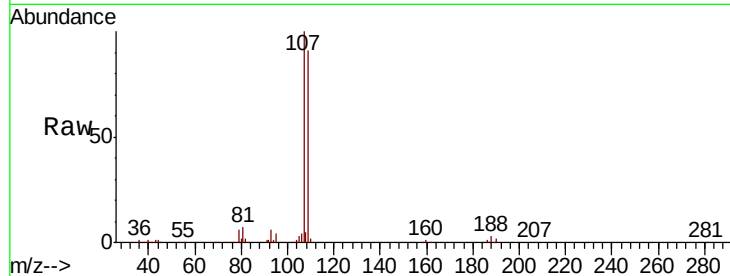




#61
 1,2-Dibromoethane
 Concen: 21.288 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

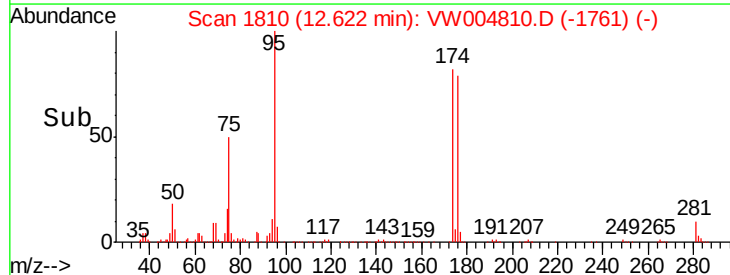
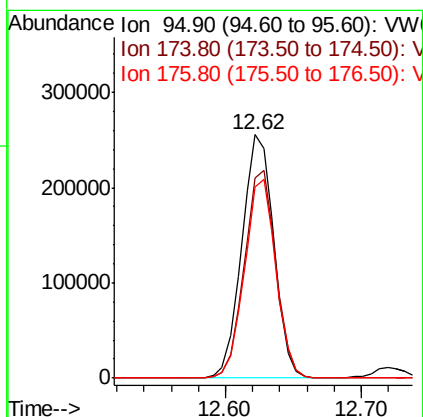
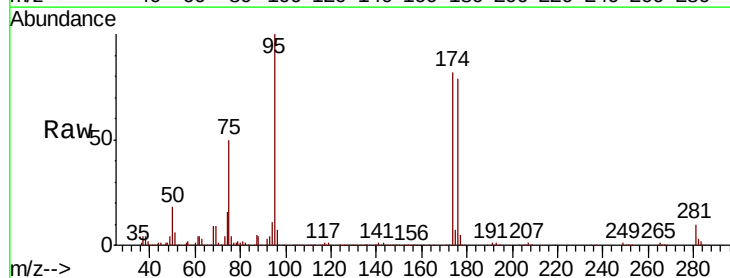
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

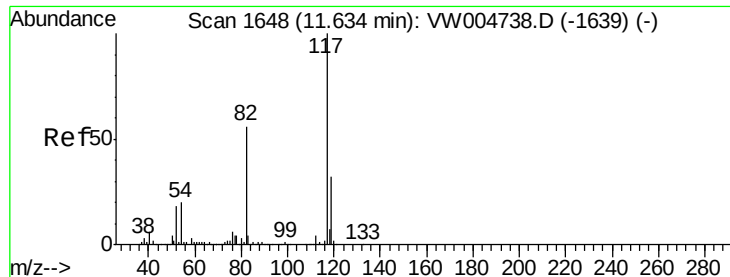
Tgt Ion: 107 Resp: 91977
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 53.330 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 95 Resp: 419535
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 165.8
 176 80.6 0.0 159.8

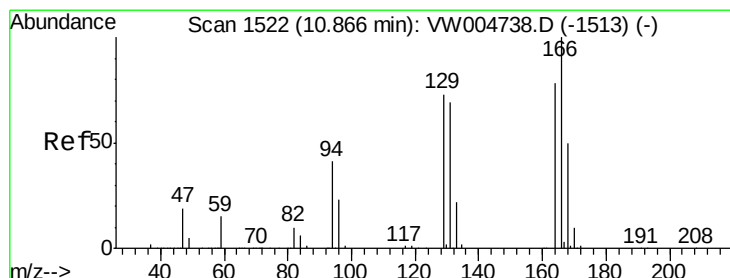
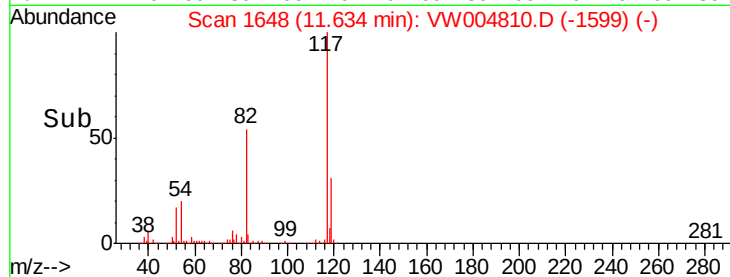
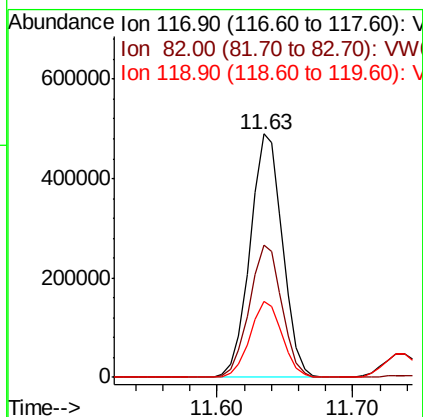
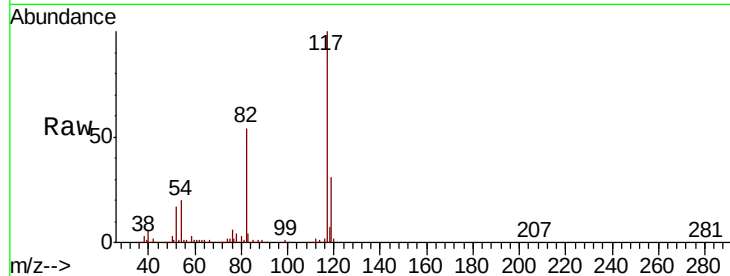




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

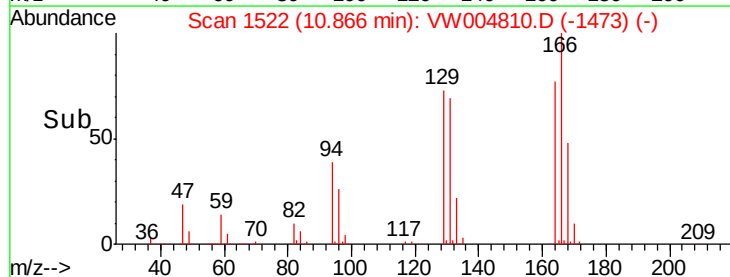
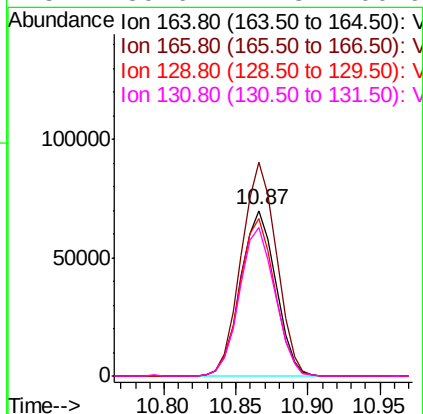
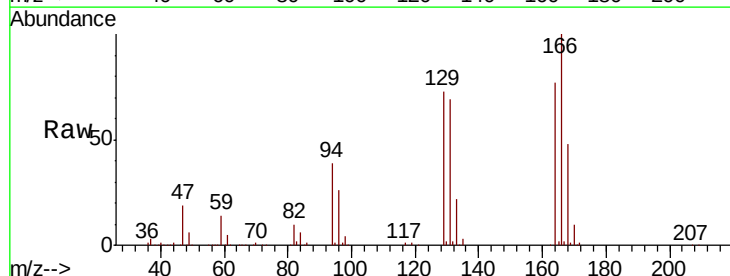
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

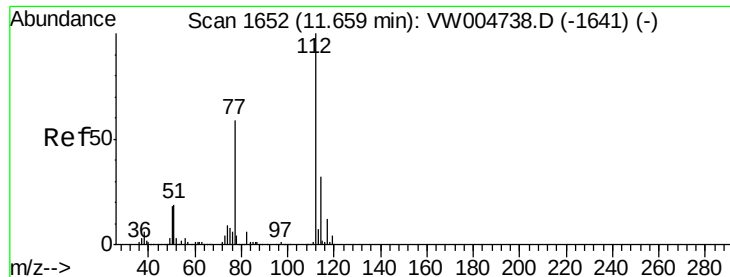
Tgt Ion:117 Resp: 819401
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 21.228 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion:164 Resp: 118873
Ion Ratio Lower Upper
164 100
166 129.2 102.5 153.7
129 94.9 75.1 112.7
131 89.6 71.3 106.9

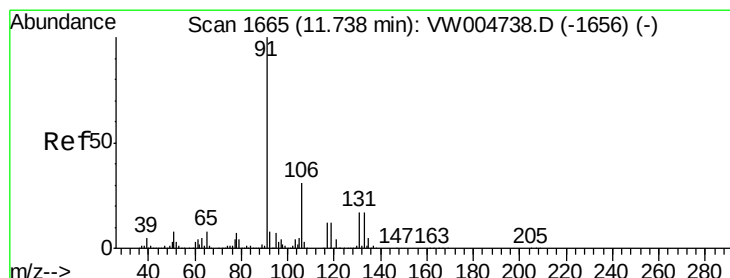
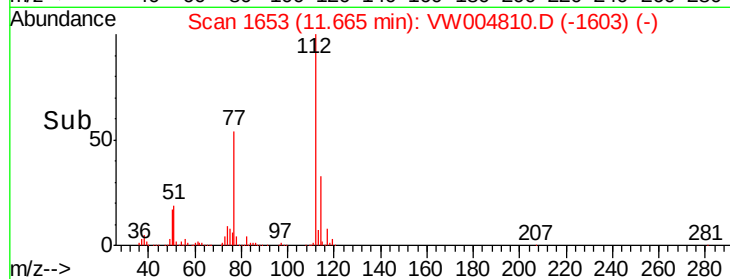
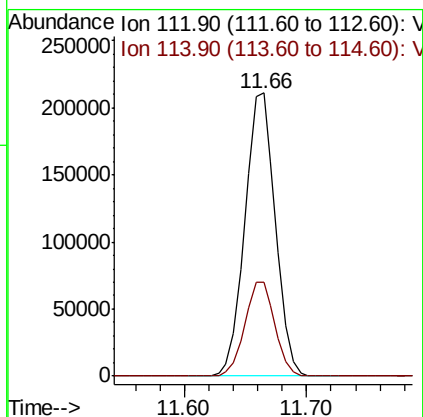
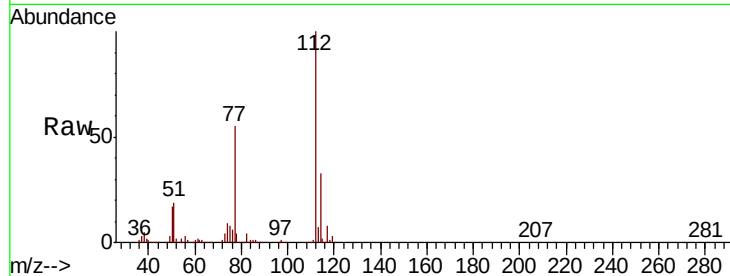




#65
Chlorobenzene
Concen: 20.651 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

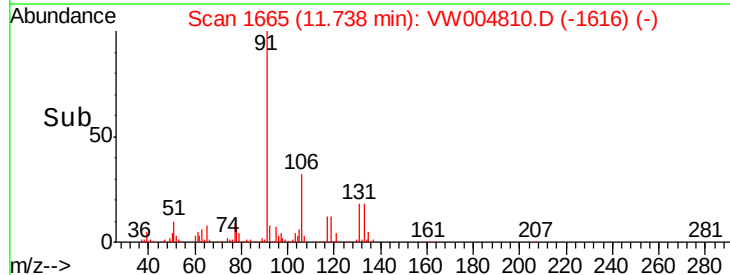
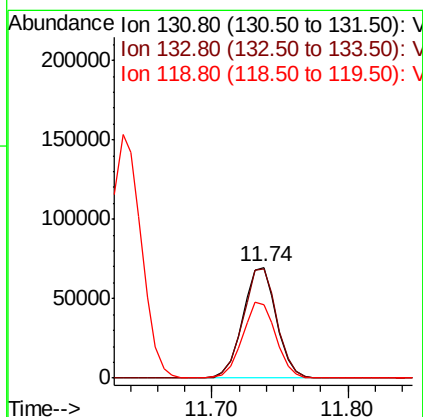
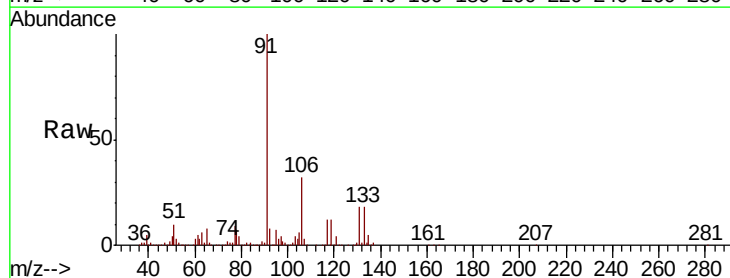
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

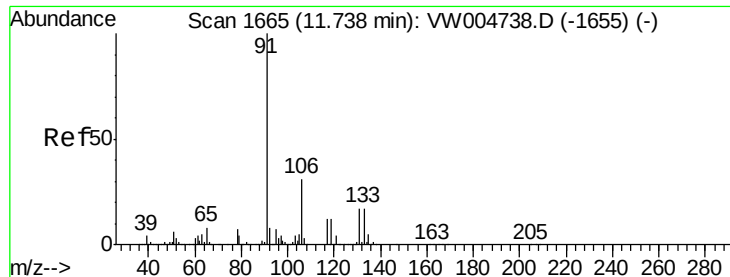
Tgt Ion:112 Resp: 364207
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.136 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion:131 Resp: 119907
Ion Ratio Lower Upper
131 100
133 99.3 48.2 144.6
119 68.0 34.0 102.0

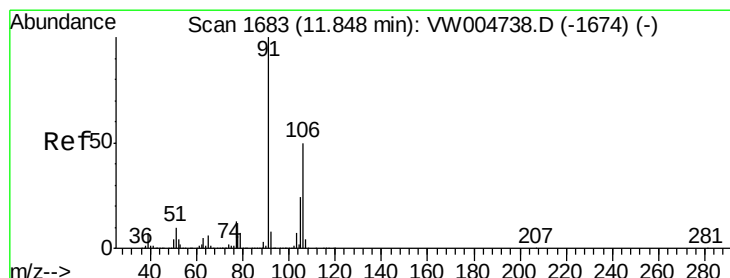
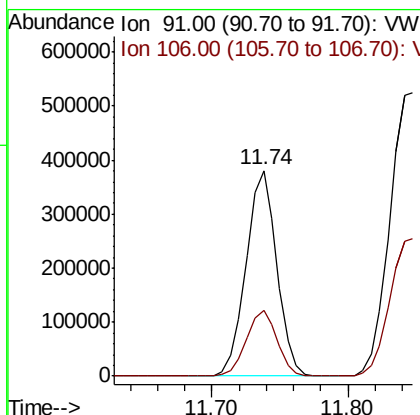
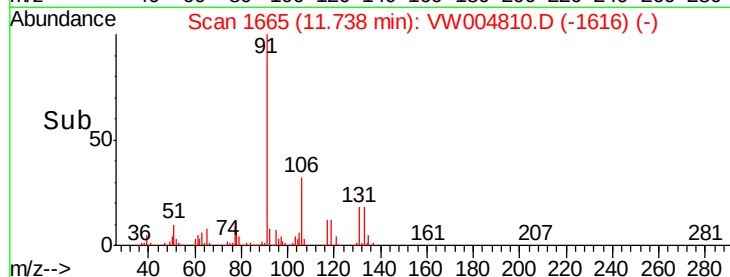
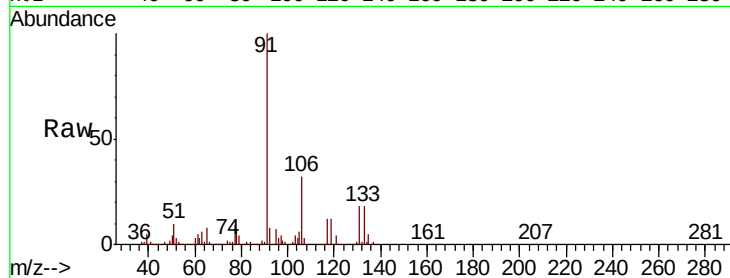




#67
Ethyl Benzene
Concen: 20.142 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

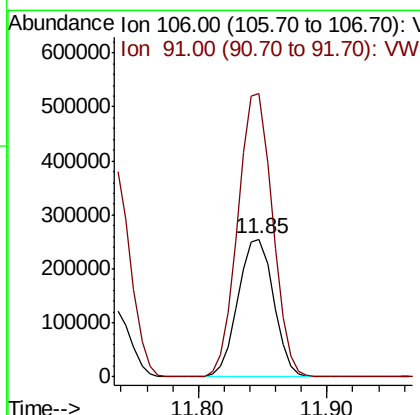
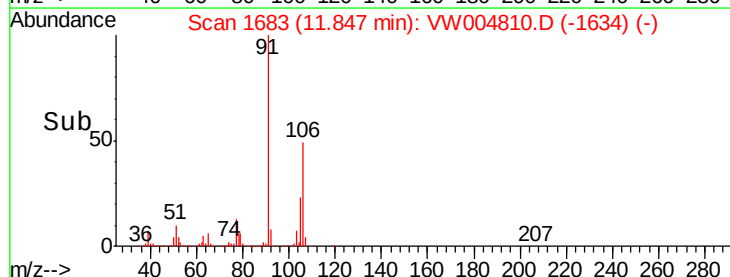
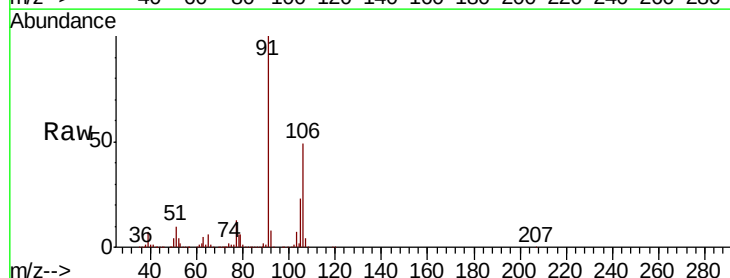
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

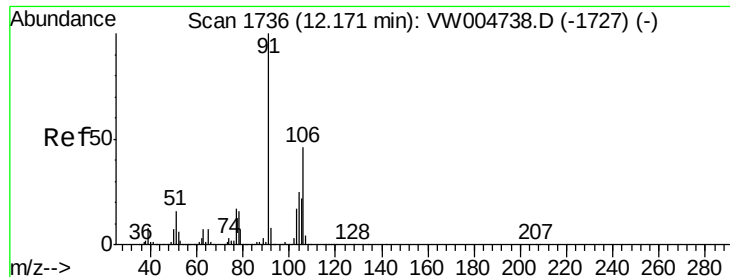
Tgt Ion: 91 Resp: 602215
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 41.768 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 106 Resp: 485843
Ion Ratio Lower Upper
106 100
91 201.9 159.9 239.9

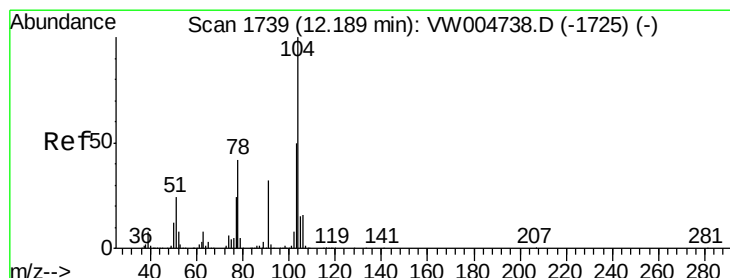
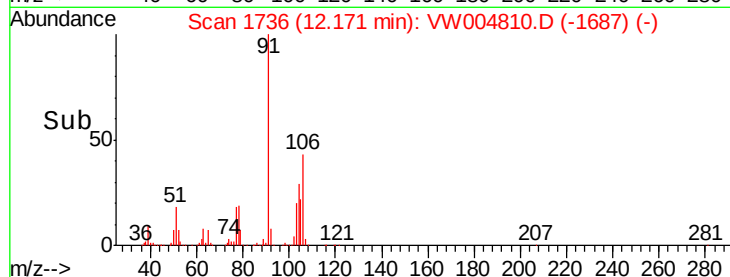
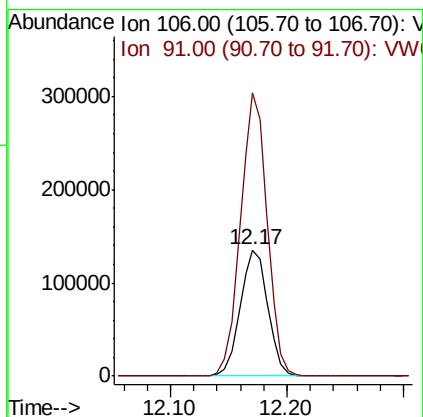
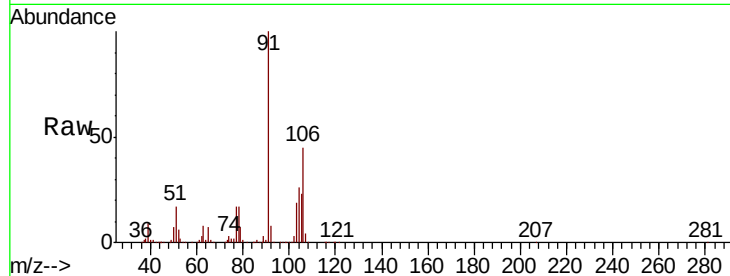




#69
o-Xylene
Concen: 20.721 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

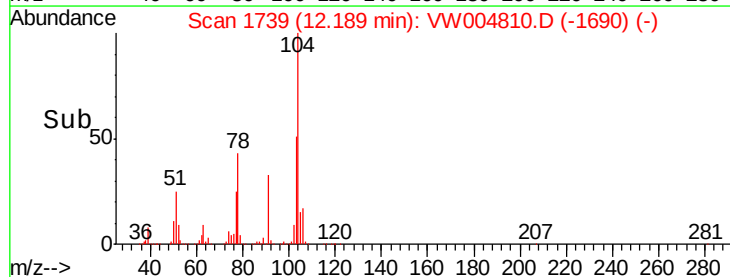
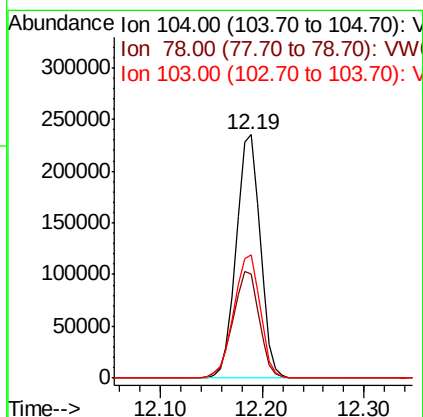
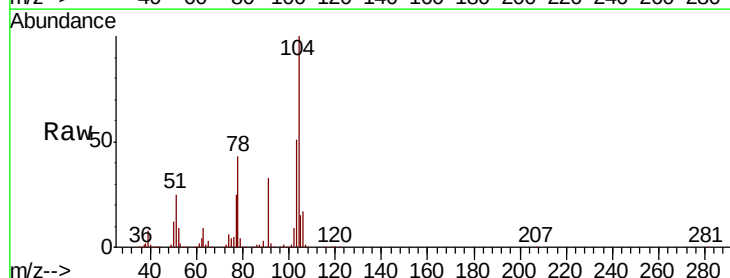
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

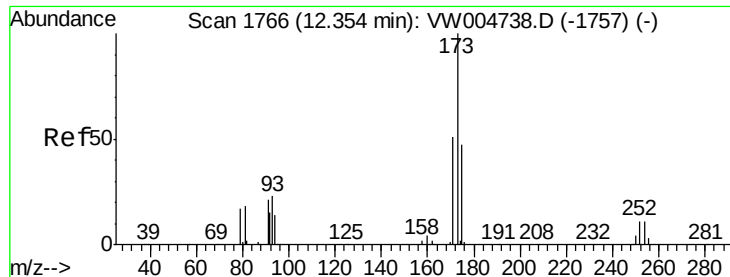
Tgt Ion:106 Resp: 223127
Ion Ratio Lower Upper
106 100
91 217.4 107.3 321.8



#70
Styrene
Concen: 21.167 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion:104 Resp: 382880
Ion Ratio Lower Upper
104 100
78 47.8 38.4 57.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 20.942 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

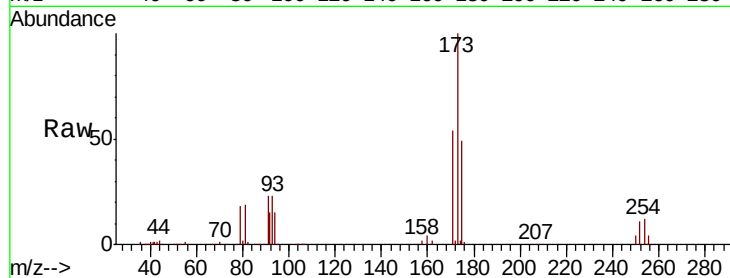
Tgt Ion:173 Resp: 65822

Ion Ratio Lower Upper

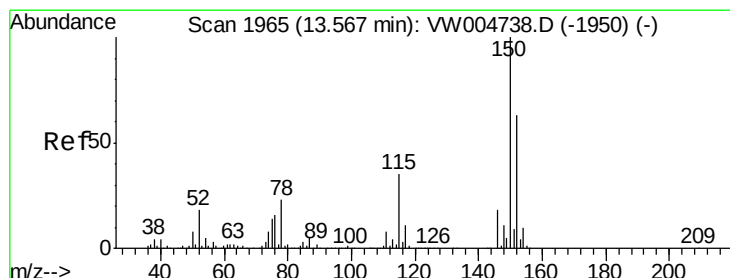
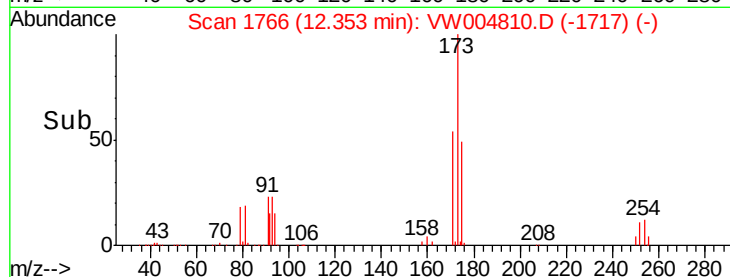
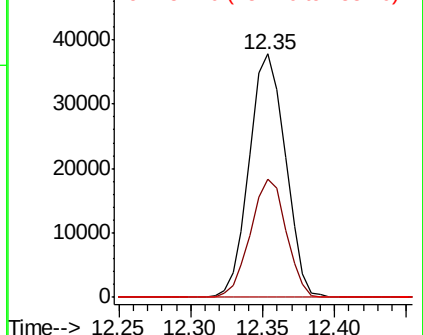
173 100

175 47.8 23.8 71.4

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

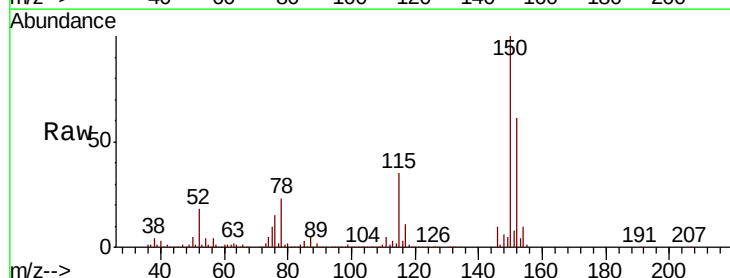
Tgt Ion:152 Resp: 439964

Ion Ratio Lower Upper

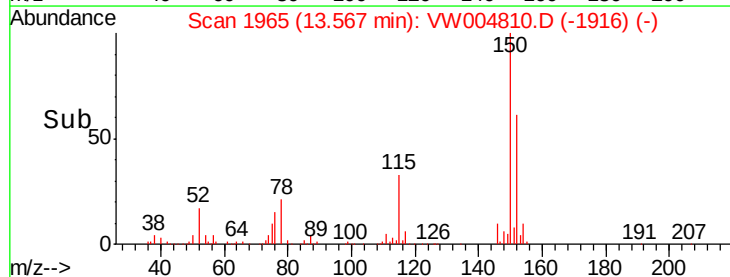
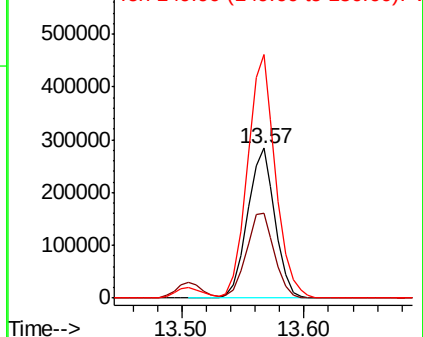
152 100

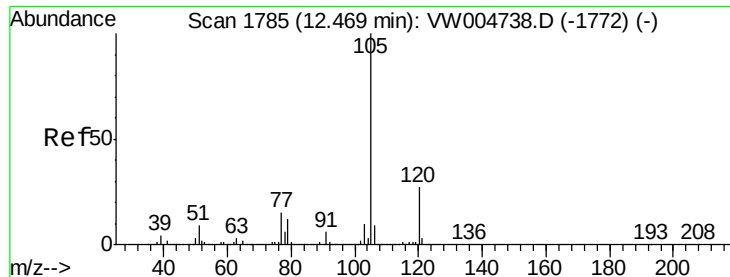
115 58.1 28.5 85.5

150 165.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.923 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

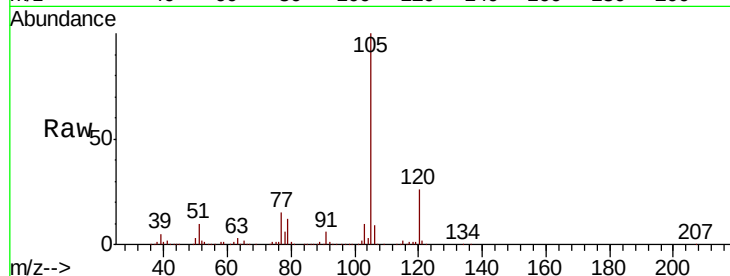
VW0820SBSD02

Tgt Ion:105 Resp: 626247

Ion Ratio Lower Upper

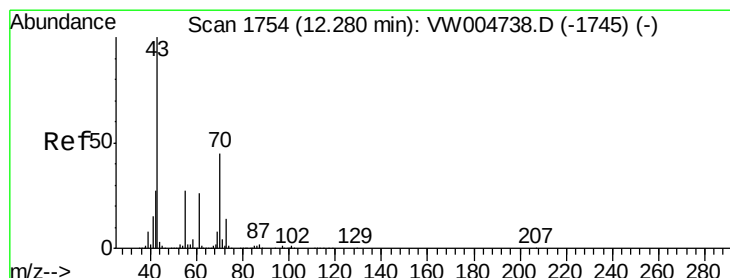
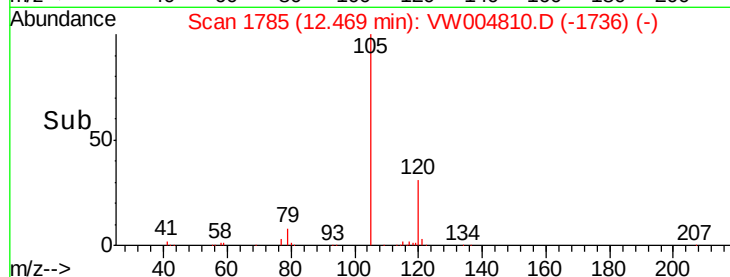
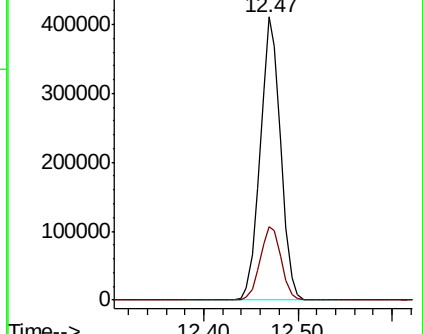
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.971 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion: 43 Resp: 129220

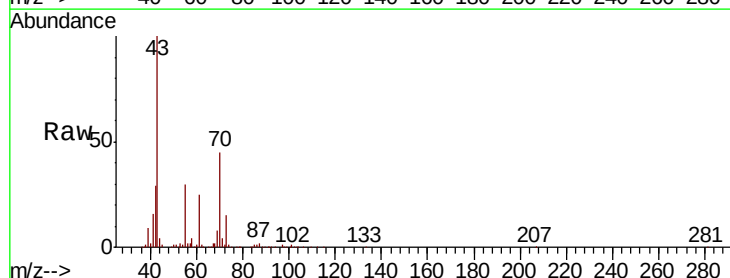
Ion Ratio Lower Upper

43 100

70 43.6 36.3 54.5

55 29.9 22.6 33.8

61 25.0 20.2 30.4

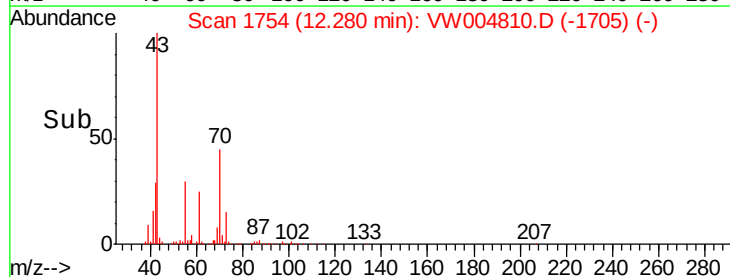
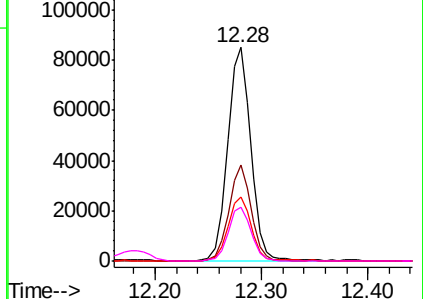


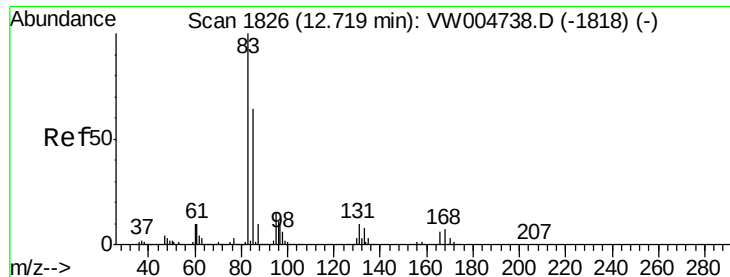
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.576 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

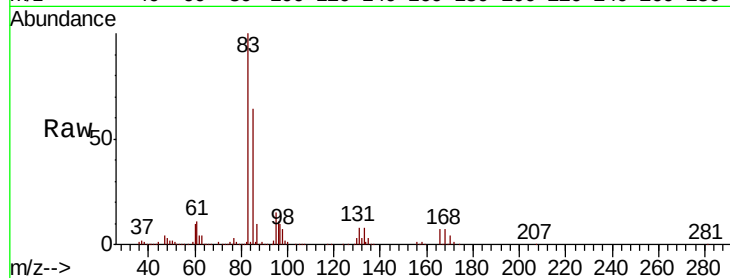
Tgt Ion: 83 Resp: 119632

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

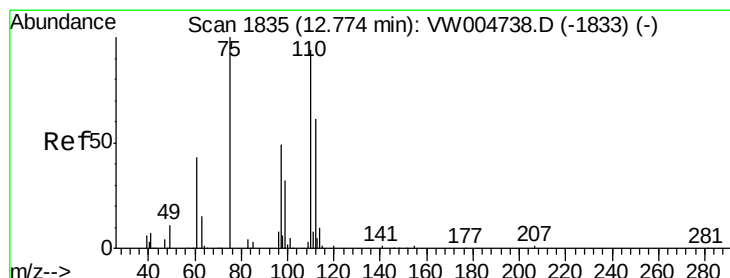
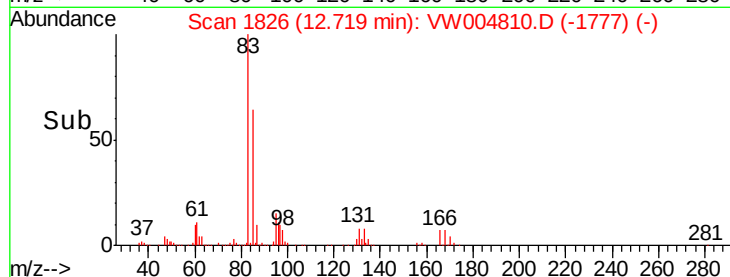
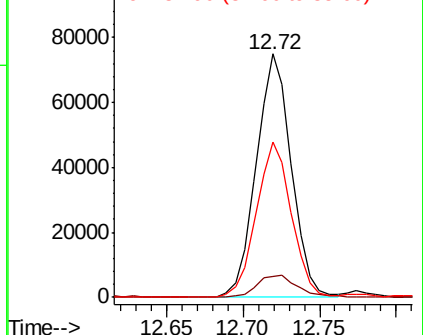
85 64.0 31.9 95.9



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: 38.530 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004810.D

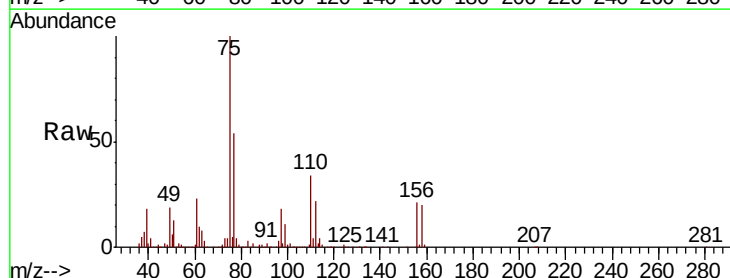
Acq: 21 Aug 2018 01:10

Tgt Ion: 75 Resp: 149434

Ion Ratio Lower Upper

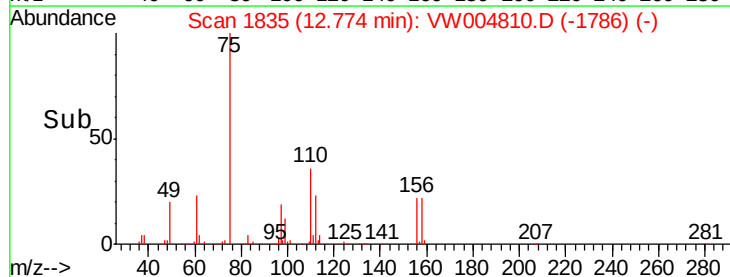
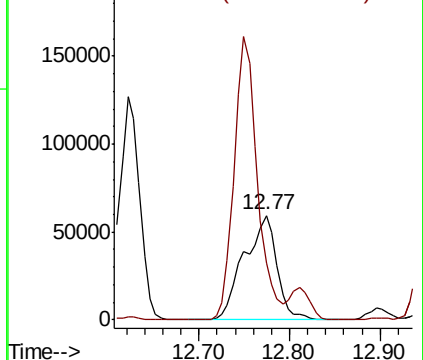
75 100

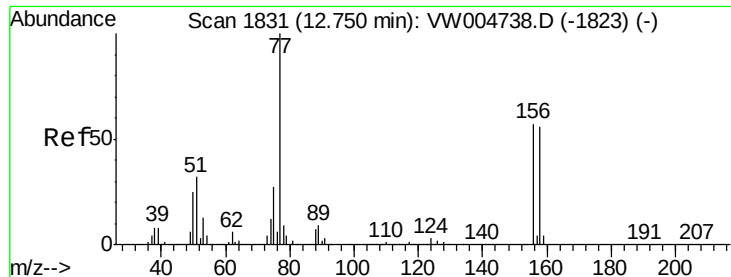
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.281 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

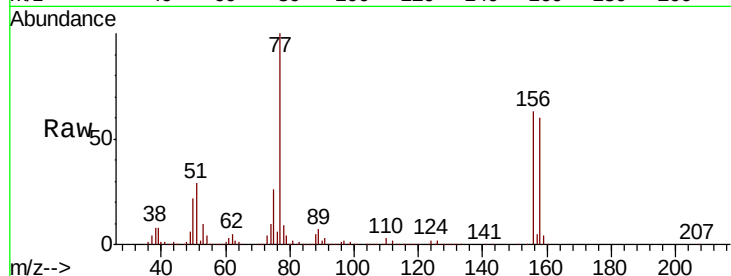
Tgt Ion:156 Resp: 154178

Ion Ratio Lower Upper

156 100

77 186.1 94.2 282.4

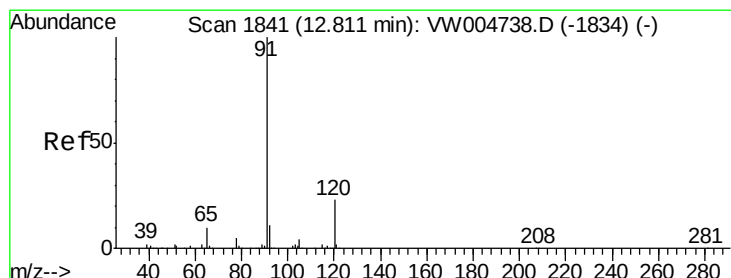
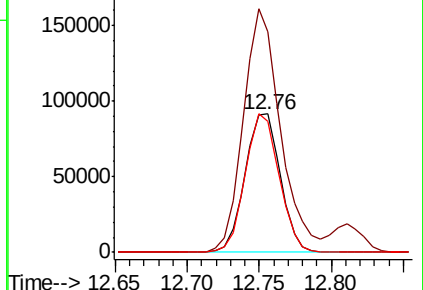
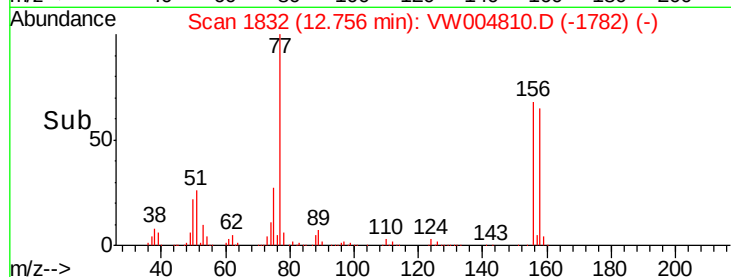
158 97.0 48.6 145.9



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: 21.244 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004810.D

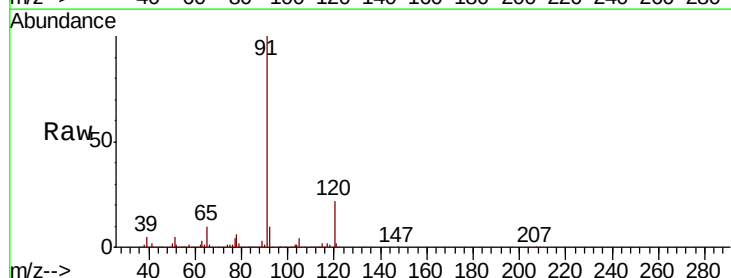
Acq: 21 Aug 2018 01:10

Tgt Ion: 91 Resp: 775921

Ion Ratio Lower Upper

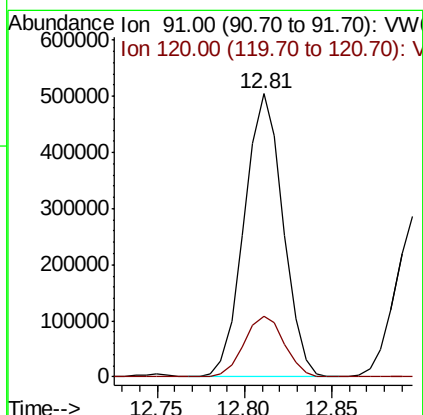
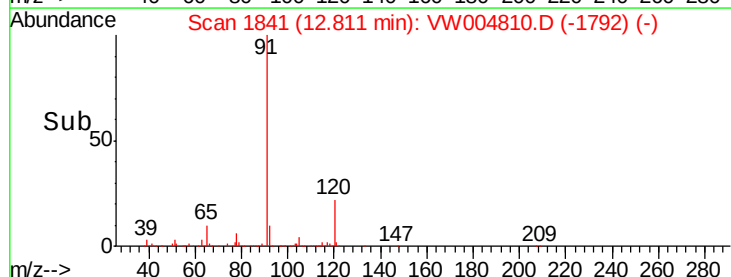
91 100

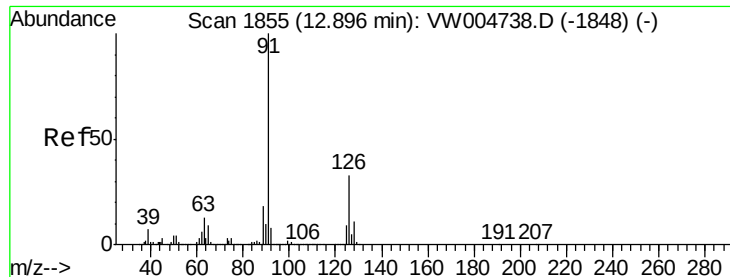
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.392 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

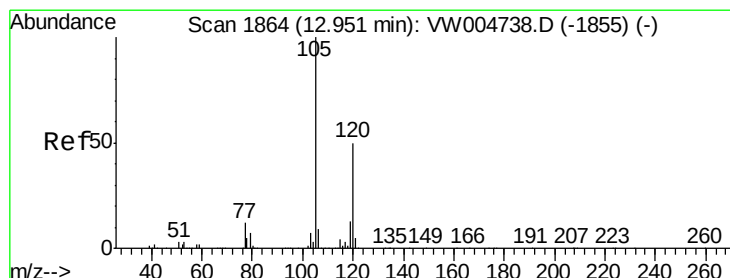
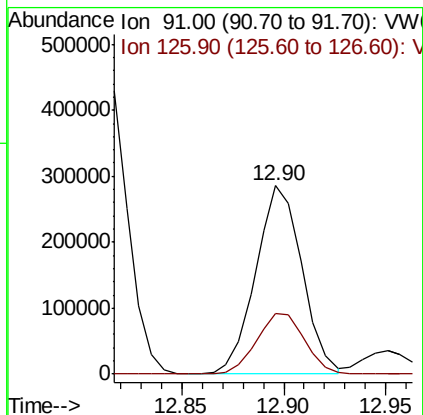
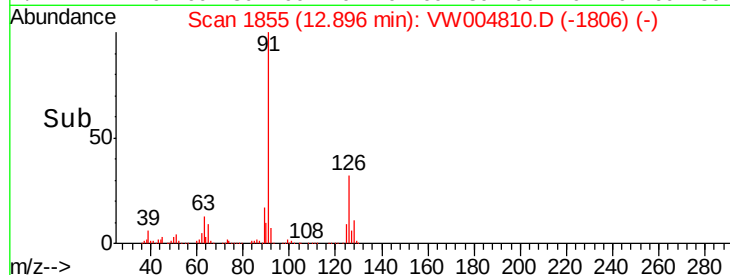
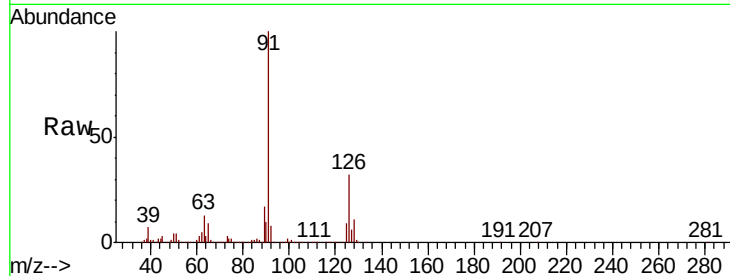
VW0820SBSD02

Tgt Ion: 91 Resp: 450369

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.656 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004810.D

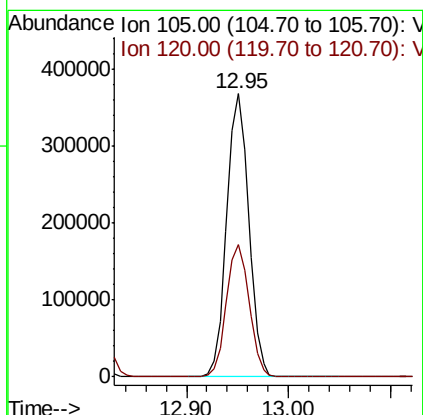
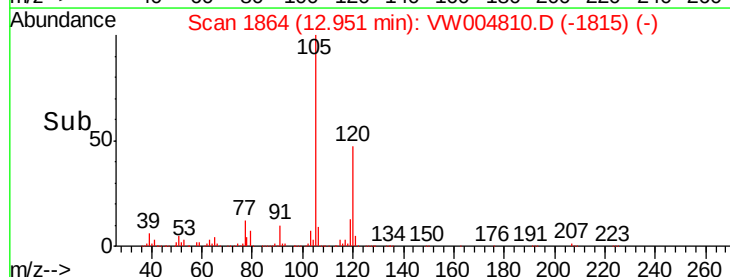
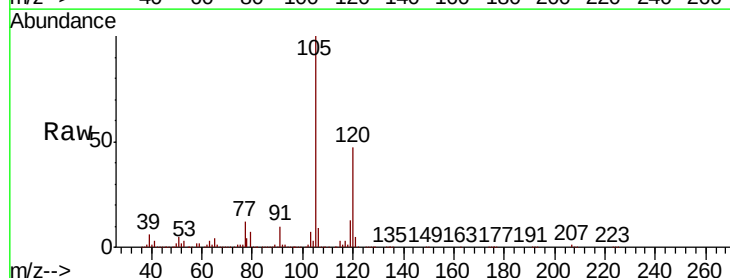
Acq: 21 Aug 2018 01:10

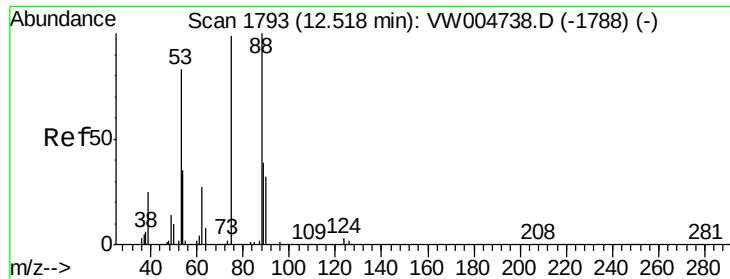
Tgt Ion: 105 Resp: 550687

Ion Ratio Lower Upper

105 100

120 48.3 24.7 74.1

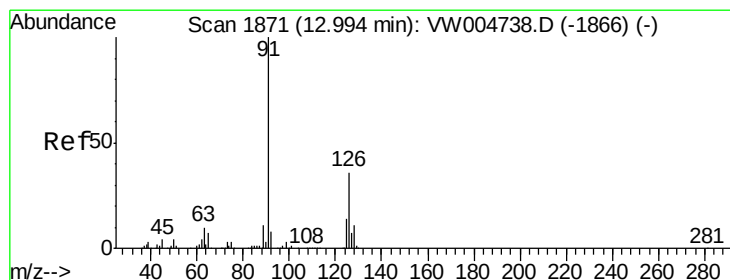
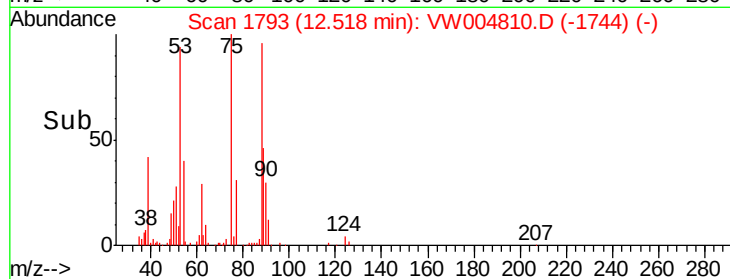
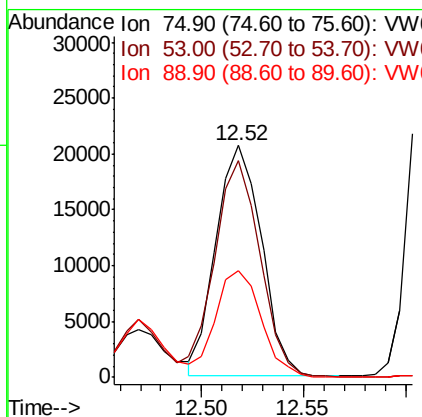
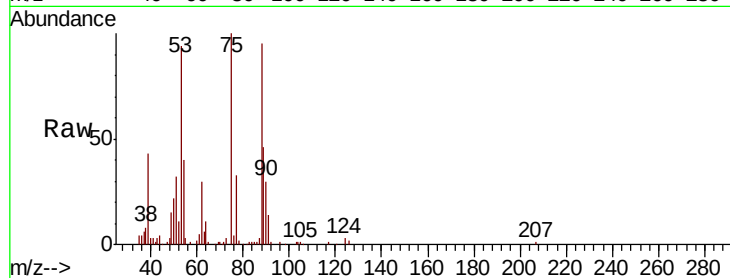




#81
trans-1,4-Dichloro-2-butene
Concen: 19.101 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

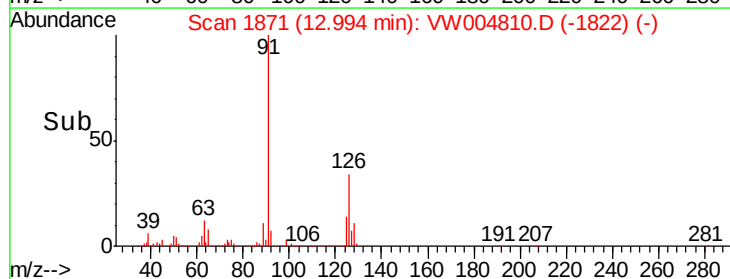
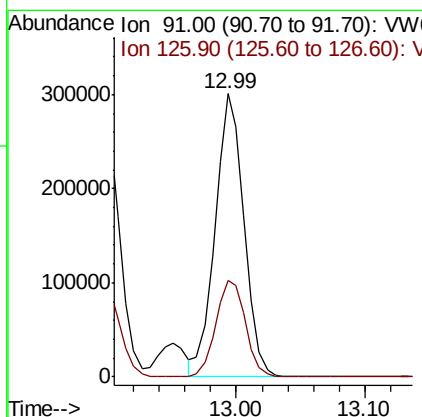
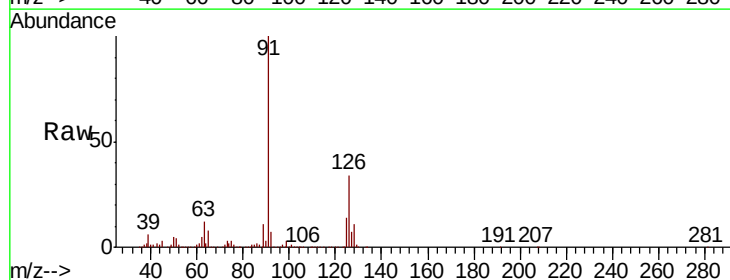
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

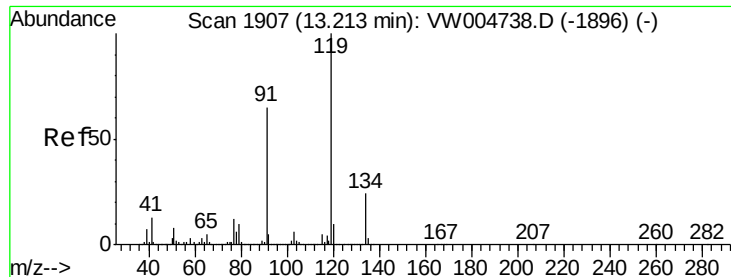
Tgt Ion: 75 Resp: 31873
Ion Ratio Lower Upper
75 100
53 95.0 72.2 108.4
89 46.8 35.2 52.8



#82
4-Chlorotoluene
Concen: 21.079 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 91 Resp: 471517
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.7

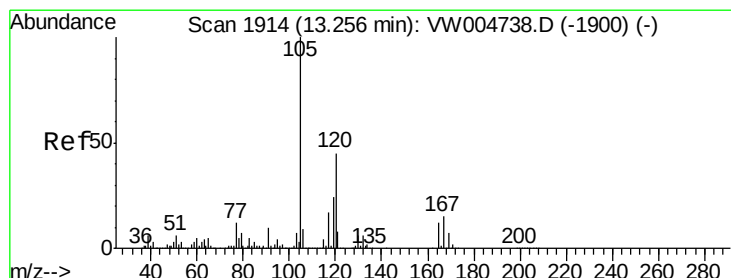
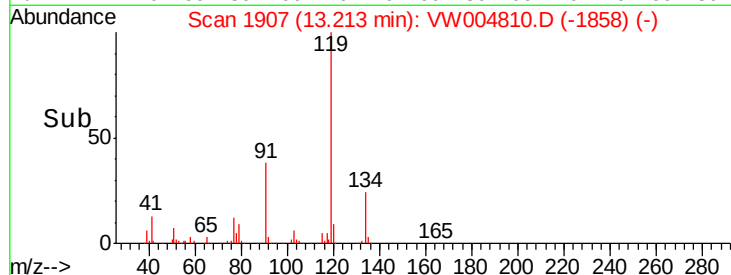
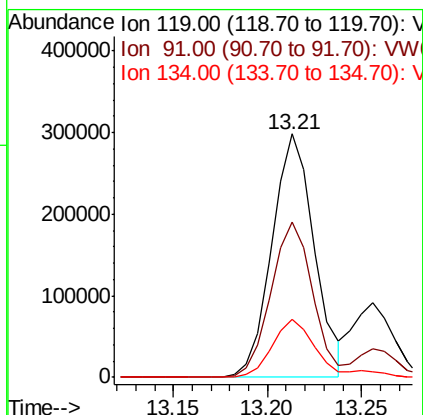
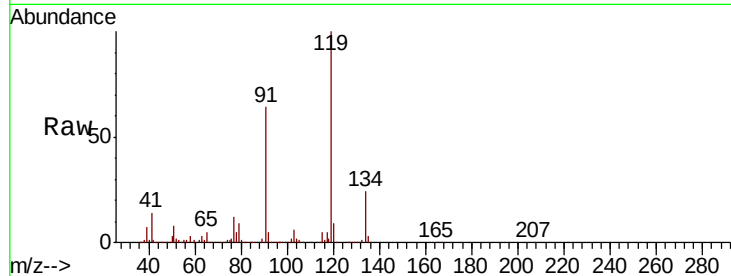




#83
 tert-Butylbenzene
 Concen: 21.399 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

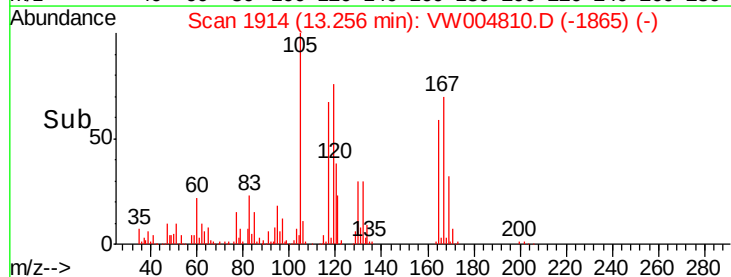
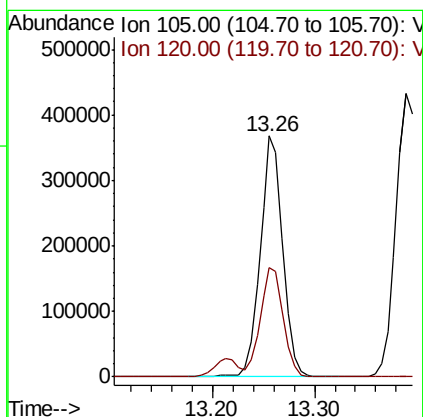
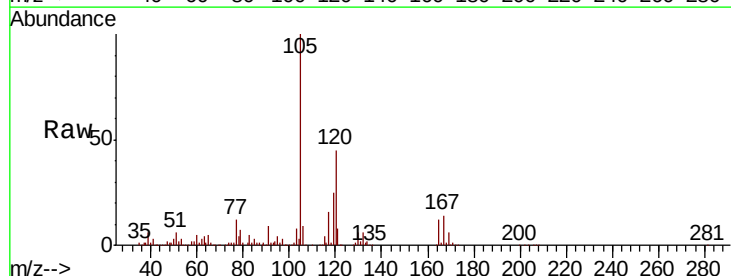
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

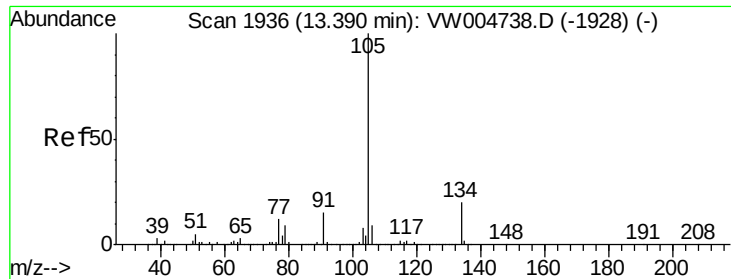
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.6	97.8
134	23.8	13.1	39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.560 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3

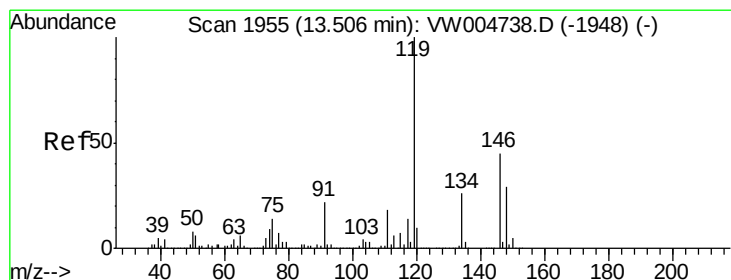
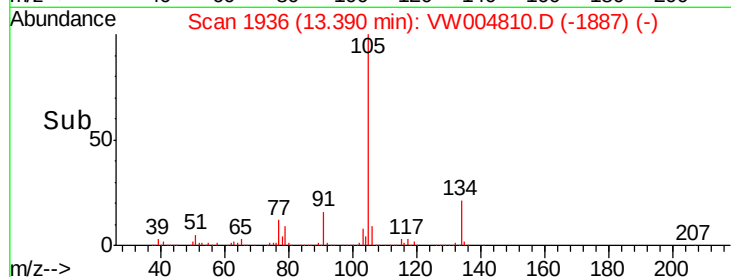
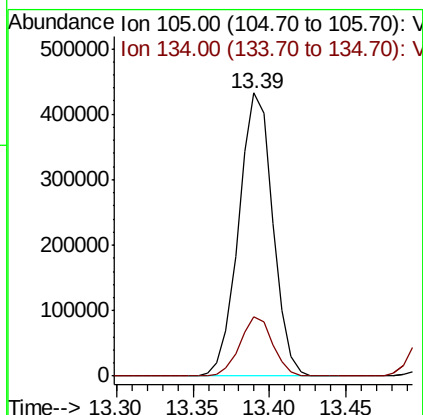
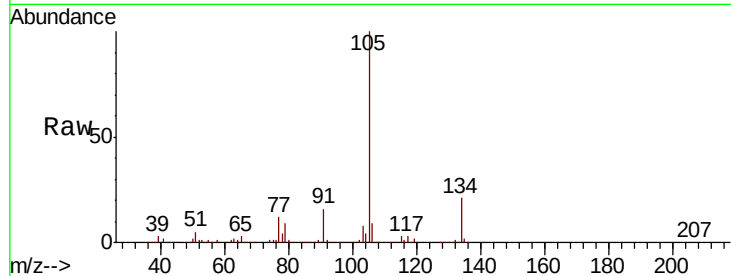




#85
 sec-Butylbenzene
 Concen: 20.540 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

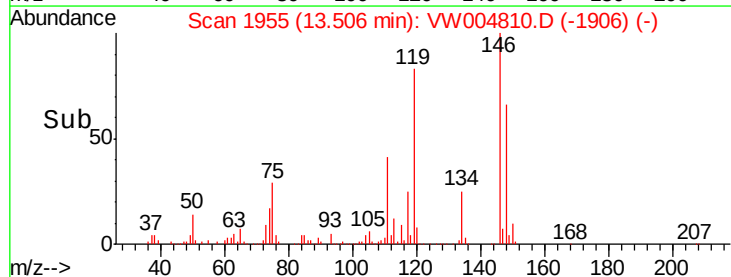
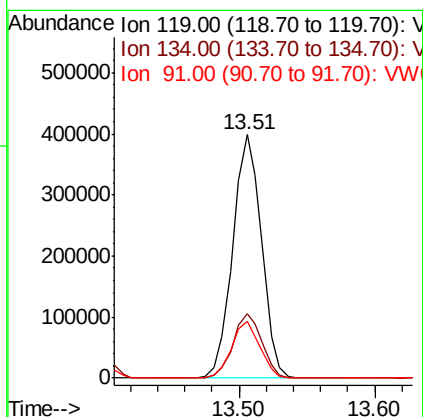
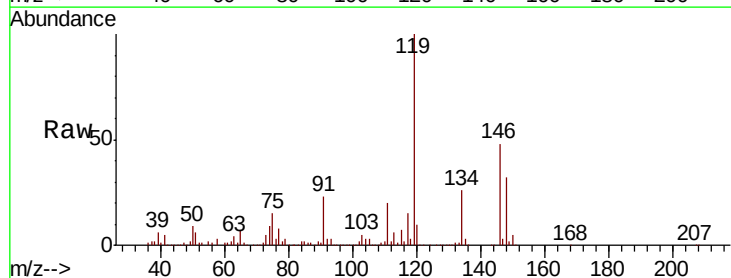
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

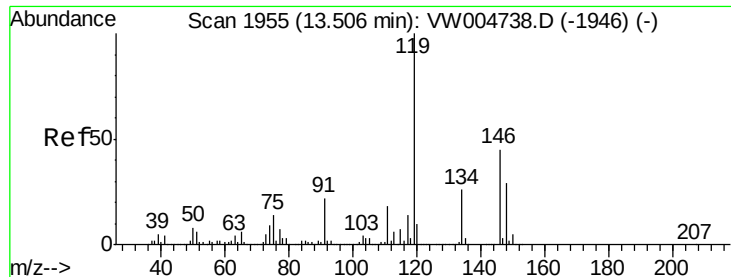
Tgt Ion:105 Resp: 666977
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.636 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion:119 Resp: 583053
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.9 11.2 33.5

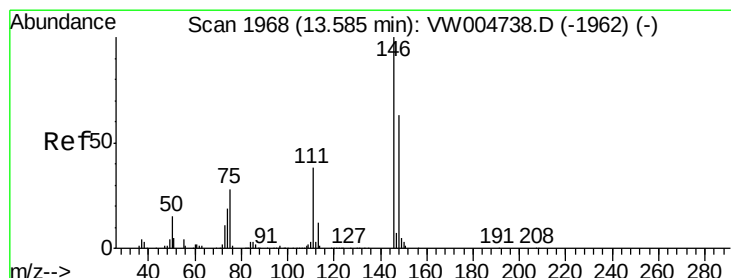
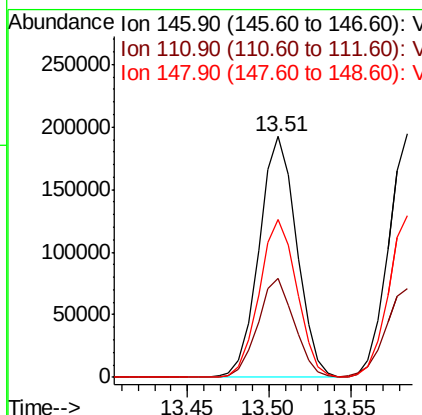
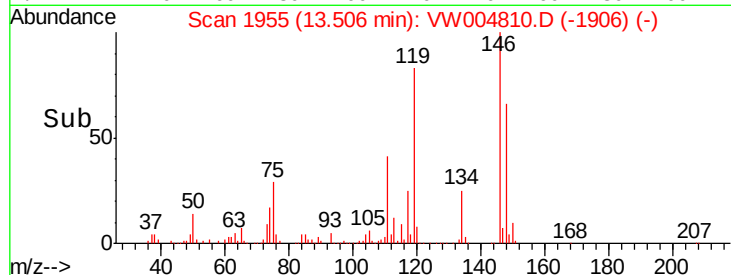
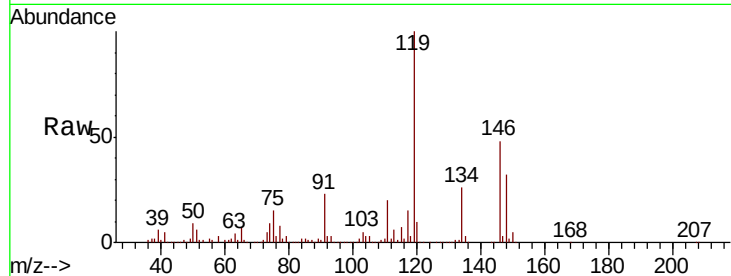




#87
 1,3-Dichlorobenzene
 Concen: 20.807 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

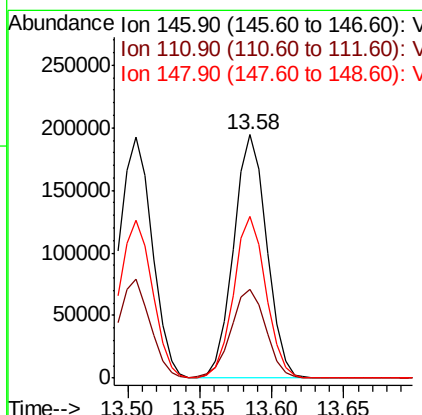
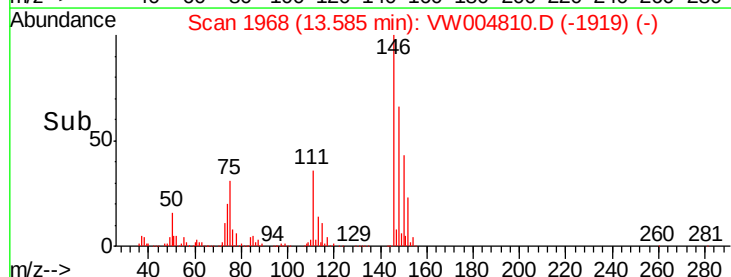
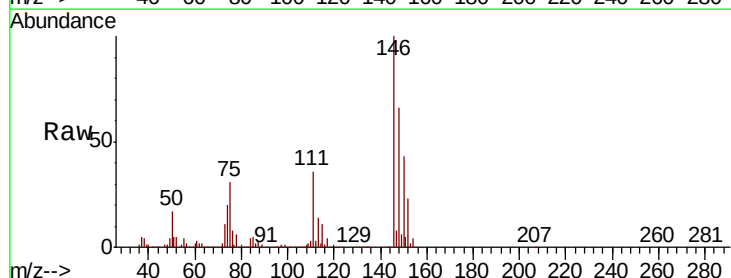
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

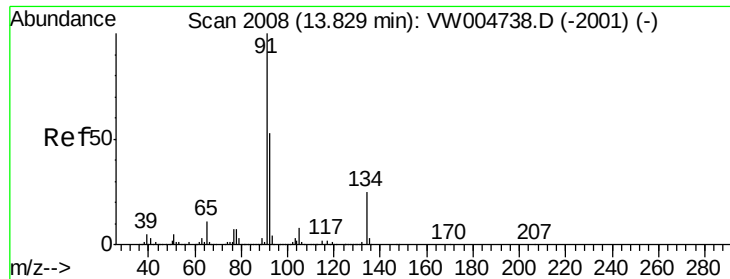
Tgt Ion:146 Resp: 306624
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.8 59.4
 148 65.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.144 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion:146 Resp: 311461
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.8
 148 65.0 31.8 95.3





#89

n-Butylbenzene

Concen: 20.318 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

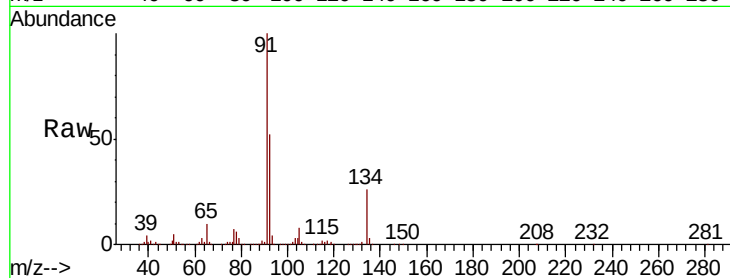
Tgt Ion: 91 Resp: 555053

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

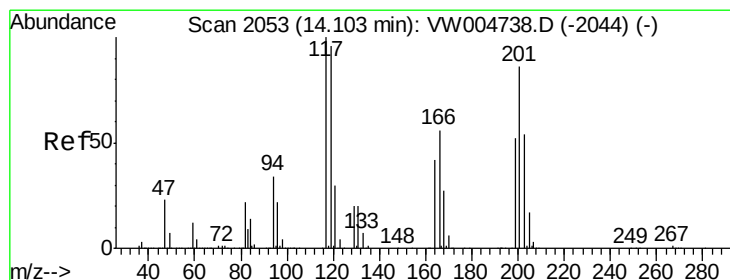
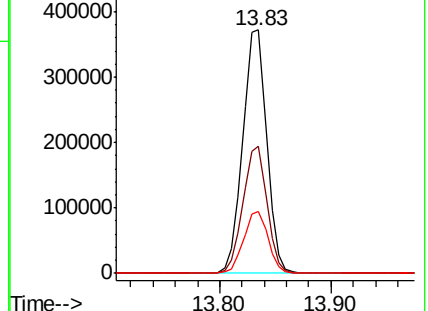
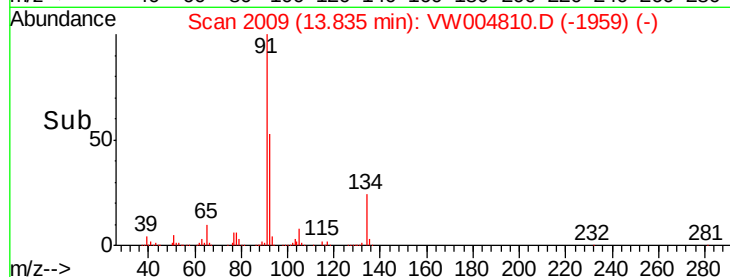
134 25.8 12.8 38.3



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: 19.908 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004810.D

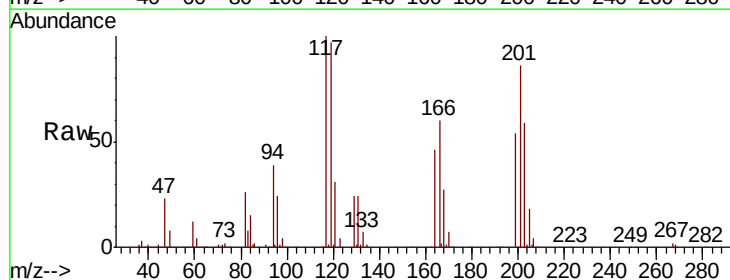
Acq: 21 Aug 2018 01:10

Tgt Ion: 117 Resp: 102527

Ion Ratio Lower Upper

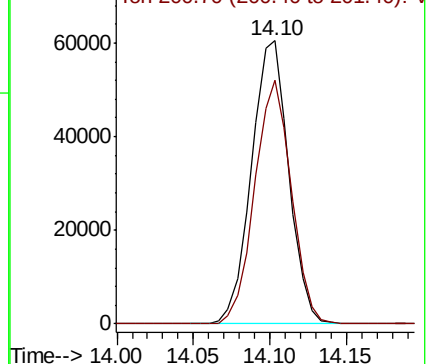
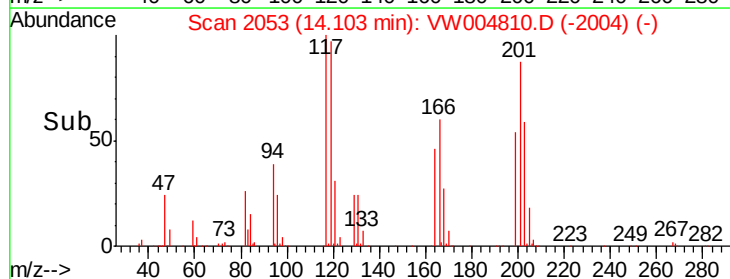
117 100

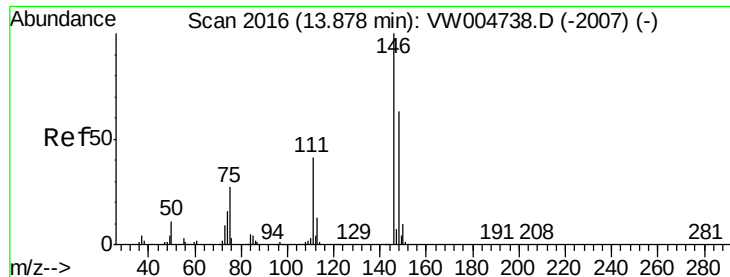
201 84.6 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.048 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

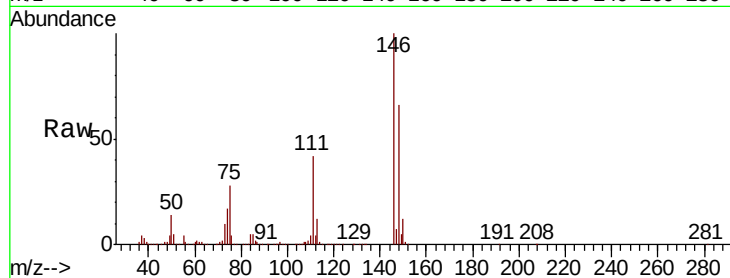
Tgt Ion:146 Resp: 278588

Ion Ratio Lower Upper

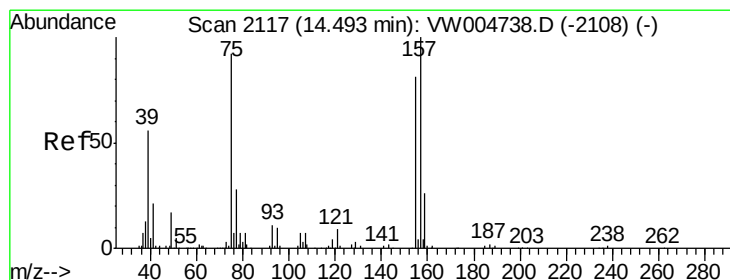
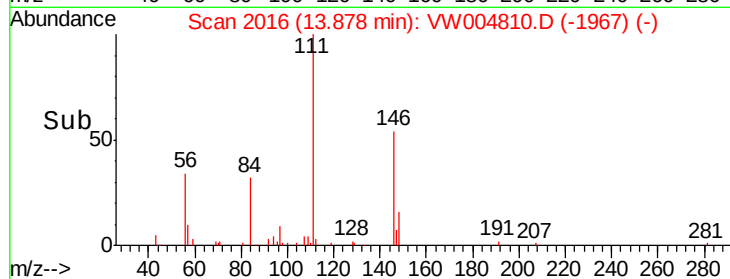
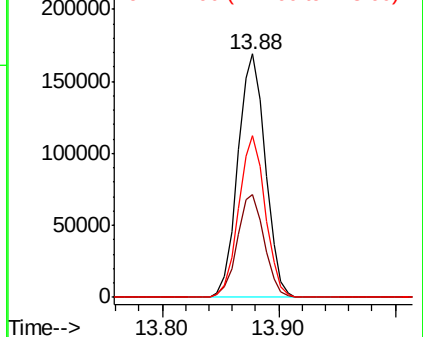
146 100

111 41.5 20.4 61.3

148 64.2 31.6 95.0



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: 20.157 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

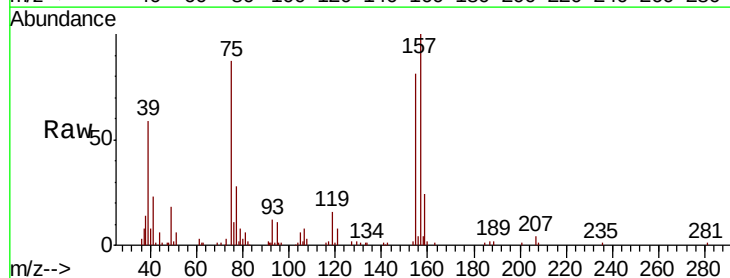
Tgt Ion: 75 Resp: 17467

Ion Ratio Lower Upper

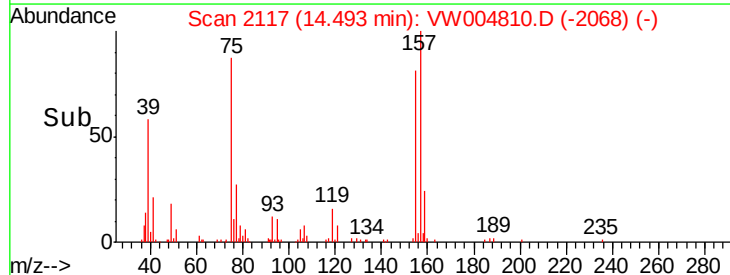
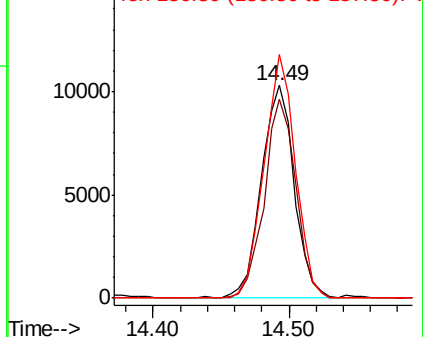
75 100

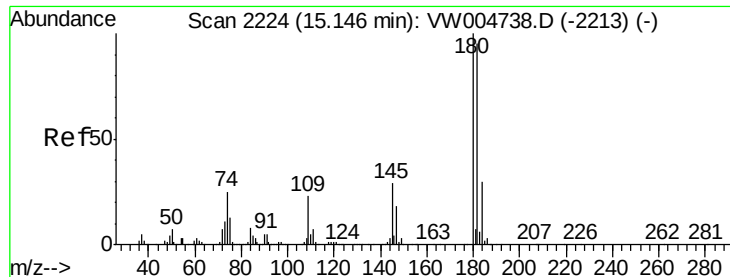
155 89.4 43.3 129.9

157 108.7 54.5 163.6



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

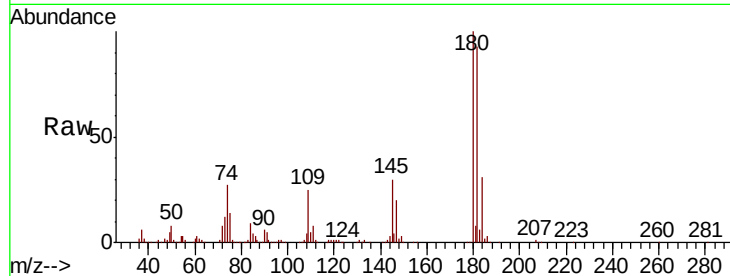




#93
 1,2,4-Trichlorobenzene
 Concen: 21.220 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	141.8
145	29.4	14.6	43.8

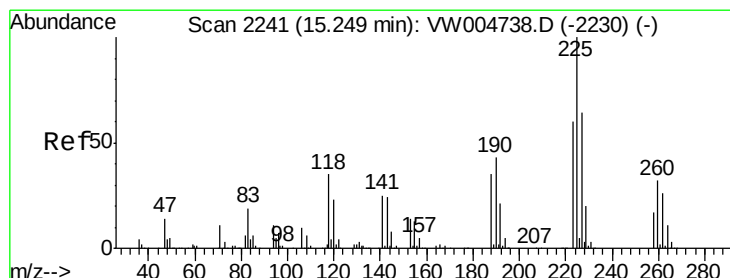
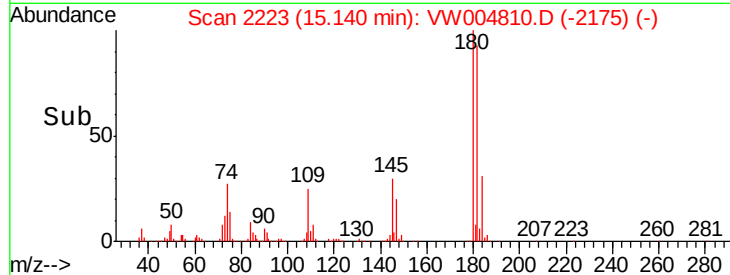
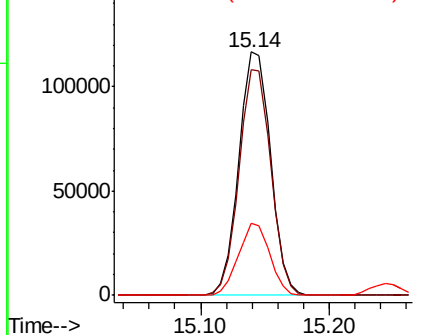


Abundance

Ion 179.80 (179.50 to 180.50): V

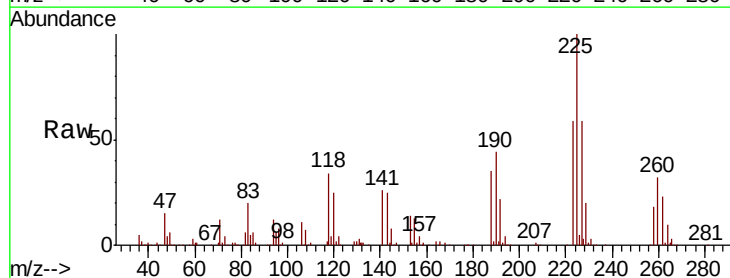
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.572 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.9	92.5
227	62.2	32.0	96.0

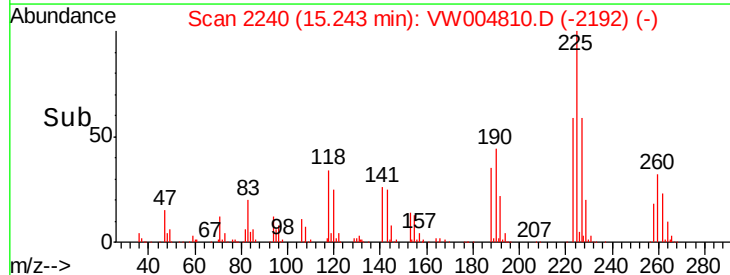
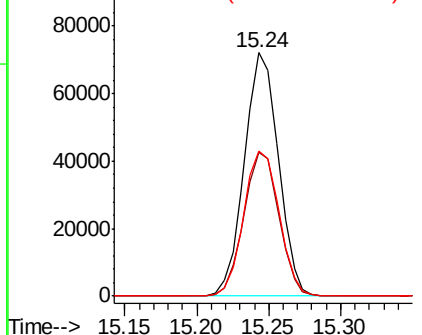


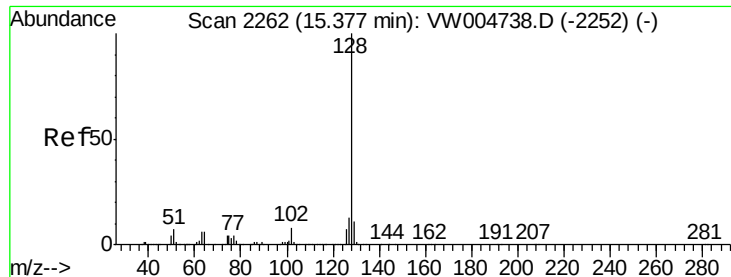
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

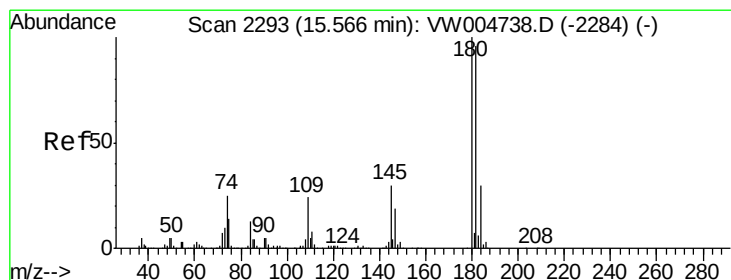
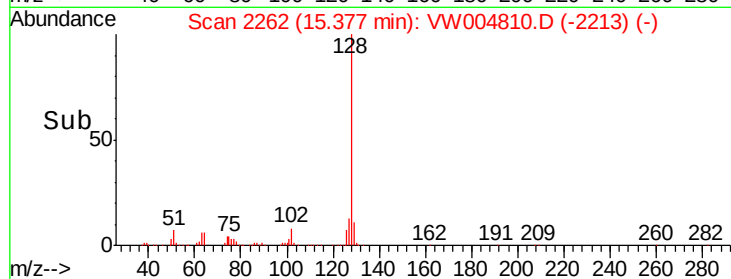
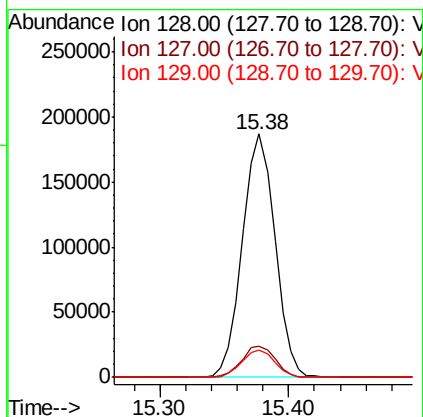
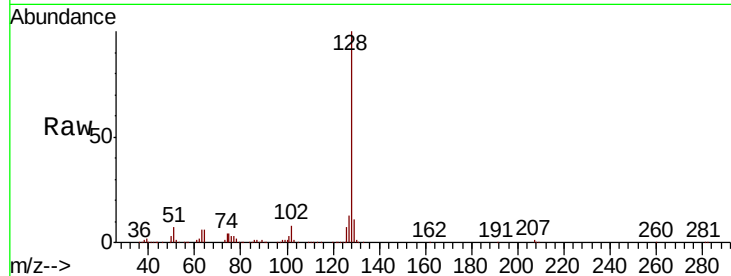




#95
Naphthalene
Concen: 20.323 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tgt Ion:128 Resp: 328032
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.214 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion:180 Resp: 176117
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 30.6 15.4 46.1

