

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009080.D
 Acq On : 11 Mar 2019 12:22
 Operator : SY/VA
 Sample : VW0311SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

Quant Time: Mar 12 08:09:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231604	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	143601	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
35) Dibromofluoromethane	7.88	113	122412	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	10.32	98	501473	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.62	95	187833	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	66623	22.875	ug/l	99
3) Chloromethane	2.21	50	76338	20.633	ug/l	96
4) Vinyl Chloride	2.35	62	79544	21.185	ug/l	96
5) Bromomethane	2.75	94	62661	19.770	ug/l	99
6) Chloroethane	2.90	64	52472	19.630	ug/l	100
7) Trichlorofluoromethane	3.25	101	101563	21.008	ug/l	91
8) Diethyl Ether	3.68	74	29770	20.139	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62474	20.749	ug/l	100
10) Methyl Iodide	4.26	142	53124	18.416	ug/l	99
11) Tert butyl alcohol	5.17	59	24293	109.034	ug/l	99
12) 1,1-Dichloroethene	4.03	96	54511	20.988	ug/l	96
13) Acrolein	3.90	56	21949	89.524	ug/l	98
14) Allyl chloride	4.67	41	89217	19.474	ug/l	100
15) Acrylonitrile	5.37	53	63432	98.320	ug/l	99
16) Acetone	4.12	43	64582	98.433	ug/l	95
17) Carbon Disulfide	4.37	76	179103	20.496	ug/l	99
18) Methyl Acetate	4.67	43	27923	18.508	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	133271	19.398	ug/l	97
20) Methylene Chloride	4.92	84	68429	18.783	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	60995	20.339	ug/l	99
22) Diisopropyl ether	6.31	45	179713	19.739	ug/l	98
23) Vinyl Acetate	6.26	43	558457	98.570	ug/l	96
24) 1,1-Dichloroethane	6.22	63	103467	19.593	ug/l	97
25) 2-Butanone	7.17	43	88142	97.207	ug/l	96
26) 2,2-Dichloropropane	7.17	77	100094	20.853	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62798	19.498	ug/l	99
28) Bromochloromethane	7.51	49	46227	21.046	ug/l	92
29) Tetrahydrofuran	7.53	42	55287	96.756	ug/l	98
30) Chloroform	7.68	83	108711	19.995	ug/l	93
31) Cyclohexane	7.95	56	106726	19.683	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	101784	20.286	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88796	20.449	ug/l	98
37) Ethyl Acetate	7.25	43	40568	19.890	ug/l	97
38) Carbon Tetrachloride	8.07	117	92379	20.600	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101526	19.630	ug/l	98
40) Benzene	8.32	78	231061	19.934	ug/l	98
41) Methacrylonitrile	7.49	41	24664	21.776	ug/l	88
42) 1,2-Dichloroethane	8.40	62	74942	20.026	ug/l	99
43) Isopropyl Acetate	8.43	43	72614	19.115	ug/l	99
44) Trichloroethene	9.09	130	64672	19.906	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57956	19.963	ug/l	91
46) Dibromomethane	9.46	93	31239	19.703	ug/l	99
47) Bromodichloromethane	9.64	83	81145	20.218	ug/l	97
48) Methyl methacrylate	9.43	41	31487	17.801	ug/l	87
49) 1,4-Dioxane	9.45	88	9235	406.749	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	185195	96.031	ug/l	100
52) Toluene	10.39	92	156495	19.907	ug/l	95
53) t-1,3-Dichloropropene	10.60	75	79302	19.978	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91211	19.995	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43515	20.249	ug/l	97
56) Ethyl methacrylate	10.65	69	50308	18.863	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74210	19.493	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	136874	98.995	ug/l	99
59) 2-Hexanone	10.97	43	134200	98.975	ug/l	100
60) Dibromochloromethane	11.13	129	52421	19.711	ug/l	96
61) 1,2-Dibromoethane	11.23	107	41119	19.518	ug/l	99
64) Tetrachloroethene	10.86	164	57389	19.566	ug/l	97
65) Chlorobenzene	11.66	112	170434	19.252	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	57435	19.431	ug/l	99
67) Ethyl Benzene	11.73	91	308622	19.298	ug/l	96
68) m/p-Xylenes	11.84	106	248313	39.336	ug/l	98
69) o-Xylene	12.17	106	111827	19.039	ug/l	100
70) Styrene	12.18	104	181406	19.089	ug/l	98
71) Bromoform	12.35	173	31315	19.731	ug/l #	99
73) Isopropylbenzene	12.47	105	313580	18.907	ug/l	99
74) N-amyl acetate	12.27	43	73220	18.649	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	49900	19.073	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69187	37.810	ug/l	19
77) Bromobenzene	12.75	156	73520	19.401	ug/l	95
78) n-propylbenzene	12.80	91	395103	19.340	ug/l	100
79) 2-Chlorotoluene	12.90	91	216195	18.836	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	276035	19.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15667	19.151	ug/l	97
82) 4-Chlorotoluene	12.99	91	234240	19.145	ug/l	98
83) tert-Butylbenzene	13.21	119	231650	19.212	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	278878	19.284	ug/l	99
85) sec-Butylbenzene	13.38	105	345766	19.355	ug/l	100
86) p-Isopropyltoluene	13.50	119	306247	19.163	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	152527	19.152	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	153362	19.486	ug/l	99
89) n-Butylbenzene	13.83	91	296616	19.524	ug/l	100
90) Hexachloroethane	14.10	117	53589	19.443	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	136269	19.393	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8804	18.894	ug/l	98

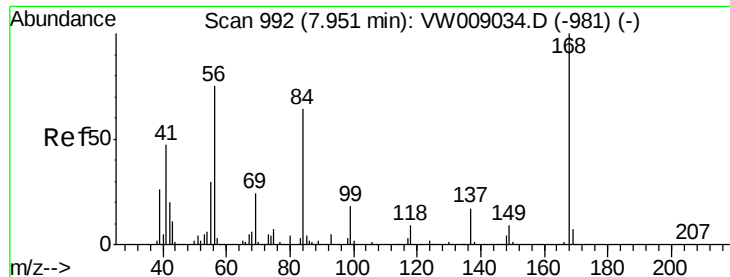
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93864	19.780	ug/l	99
94) Hexachlorobutadiene	15.24	225	59740	20.099	ug/l	99
95) Naphthalene	15.37	128	143657	18.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	80093	19.194	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

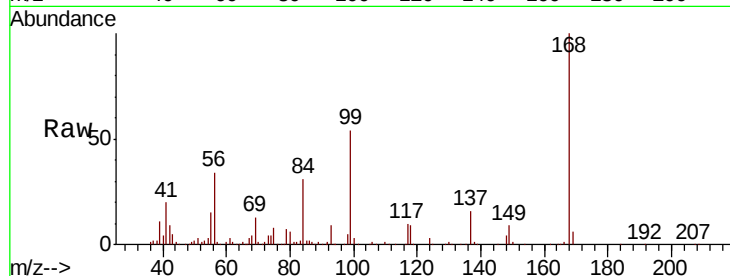
VW0311SBSD01

Tgt Ion:168 Resp: 288988

Ion Ratio Lower Upper

168 100

99 54.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

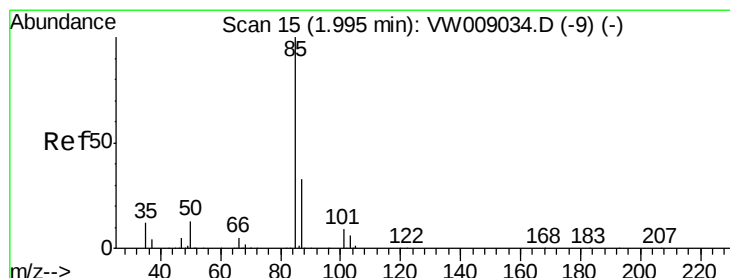
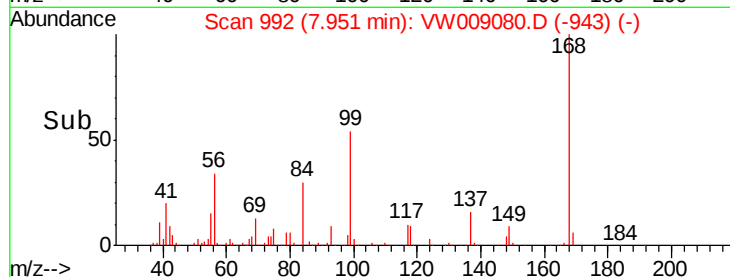
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 22.875 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW009080.D

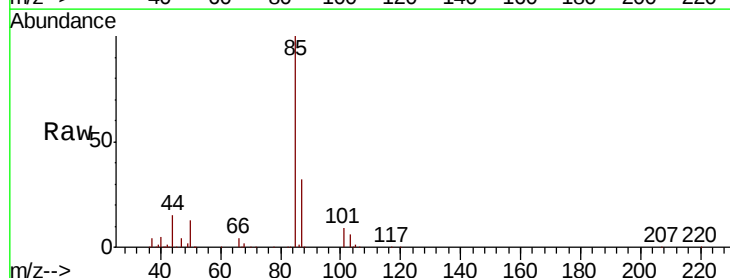
Acq: 11 Mar 2019 12:22

Tgt Ion: 85 Resp: 66623

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

30000

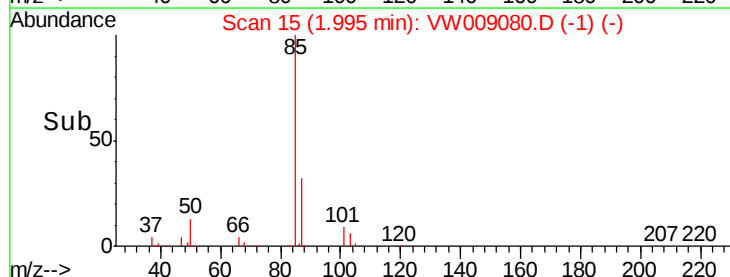
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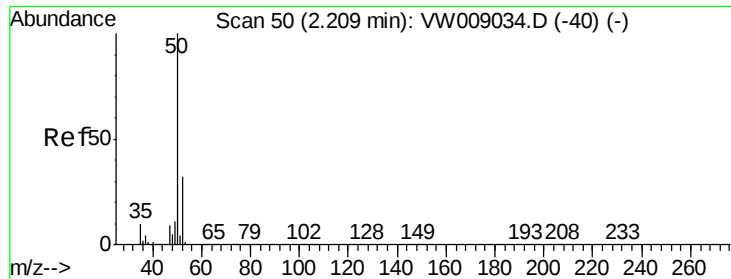
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.633 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

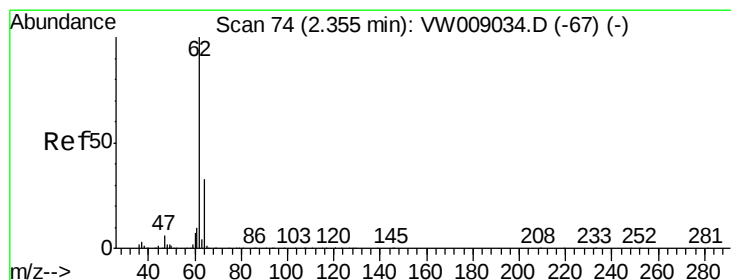
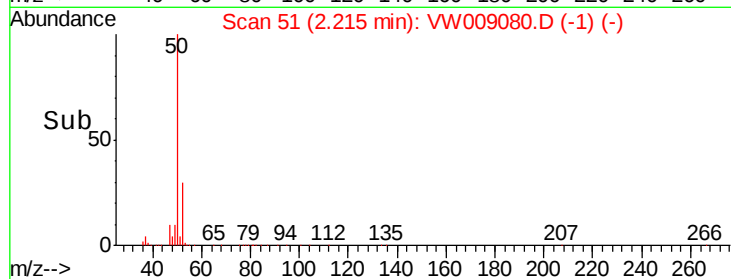
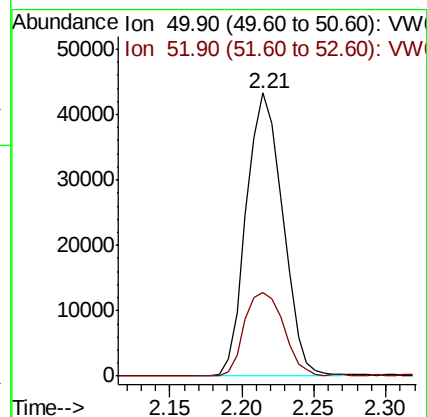
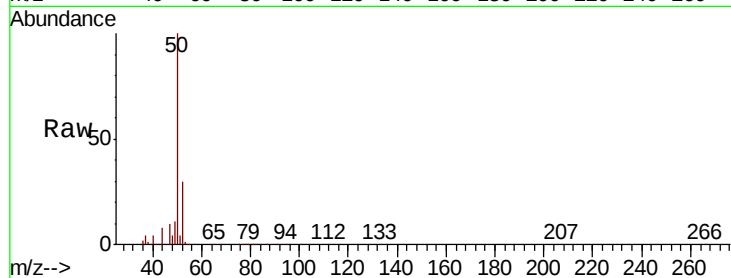
VW0311SBSD01

Tgt Ion: 50 Resp: 76338

Ion Ratio Lower Upper

50 100

52 29.7 25.4 38.2



#4

Vinyl Chloride

Concen: 21.185 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW009080.D

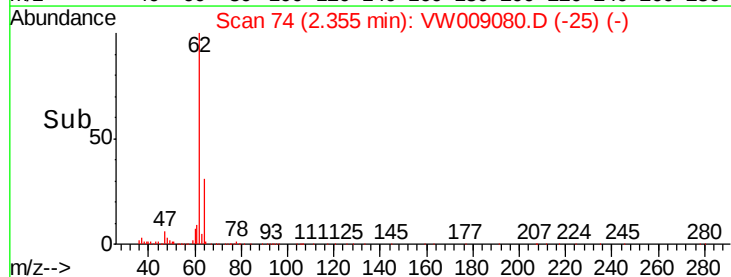
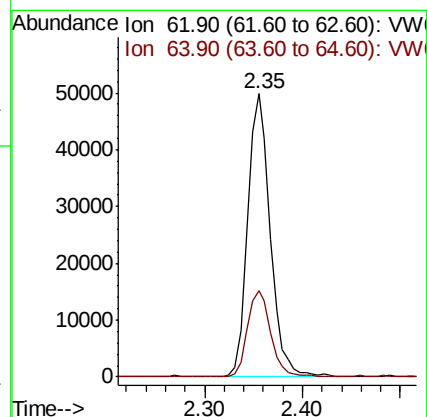
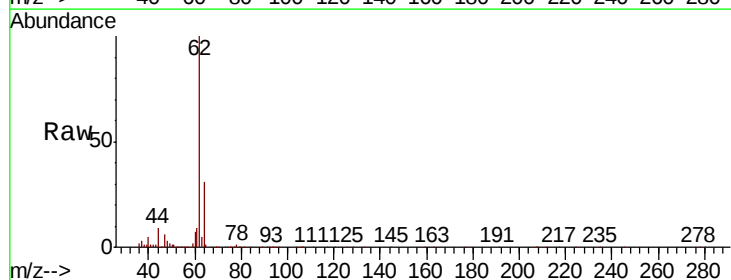
Acq: 11 Mar 2019 12:22

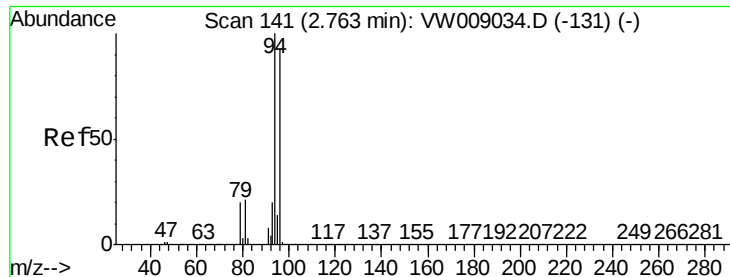
Tgt Ion: 62 Resp: 79544

Ion Ratio Lower Upper

62 100

64 30.5 26.0 39.0





#5

Bromomethane

Concen: 19.770 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

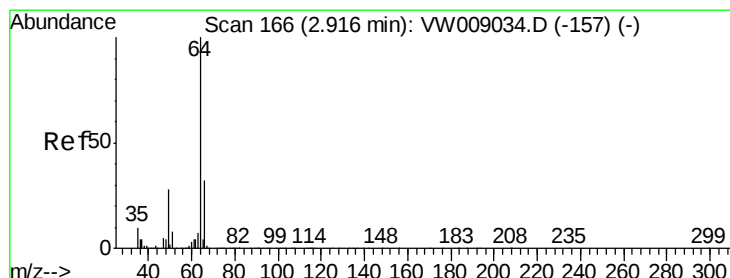
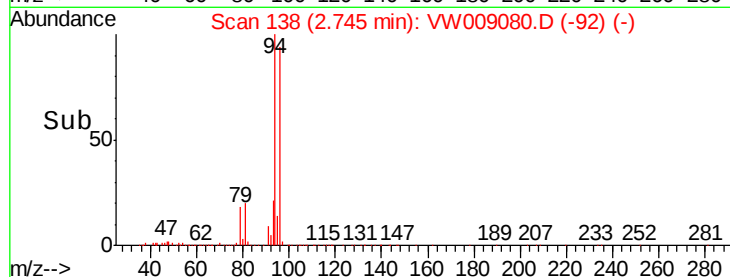
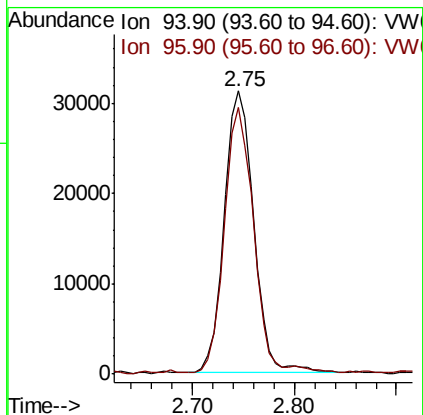
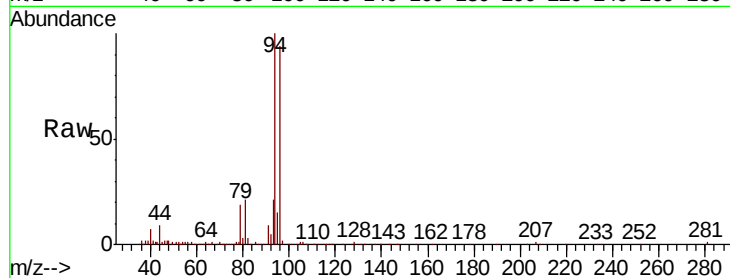
VW0311SBSD01

Tgt Ion: 94 Resp: 62661

Ion Ratio Lower Upper

94 100

96 94.0 74.4 111.6



#6

Chloroethane

Concen: 19.630 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW009080.D

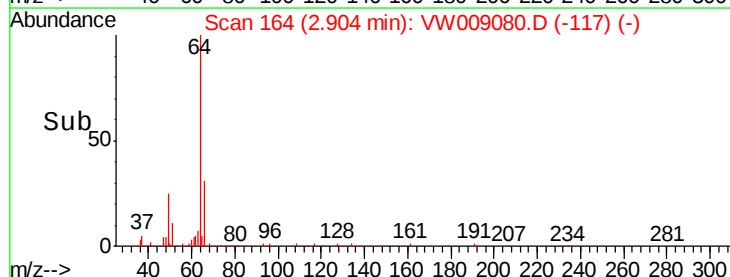
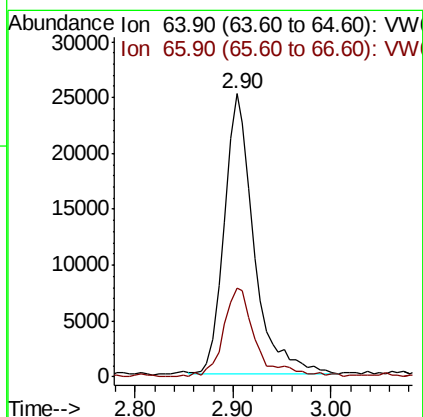
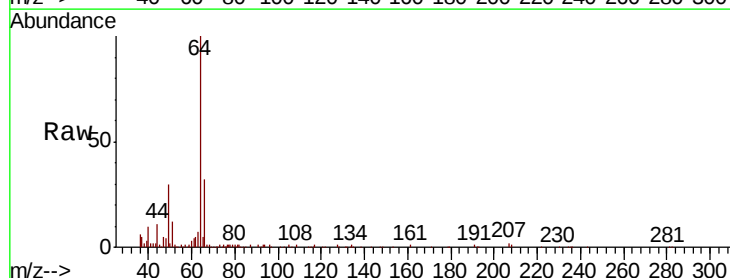
Acq: 11 Mar 2019 12:22

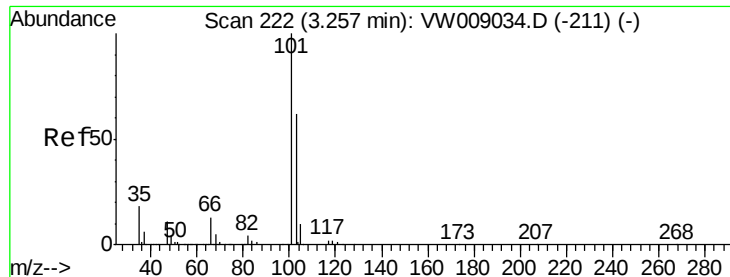
Tgt Ion: 64 Resp: 52472

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



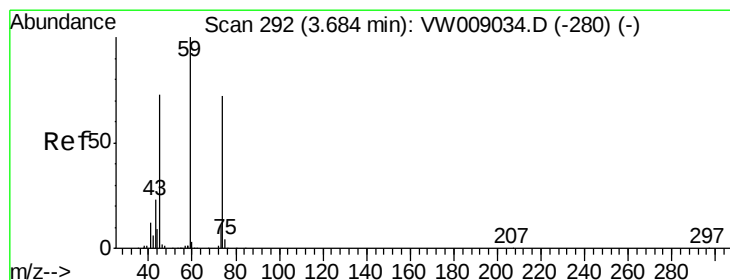
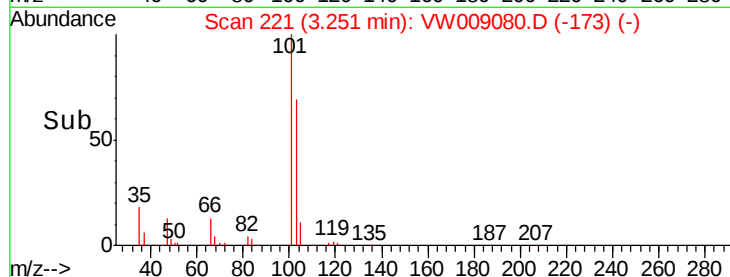
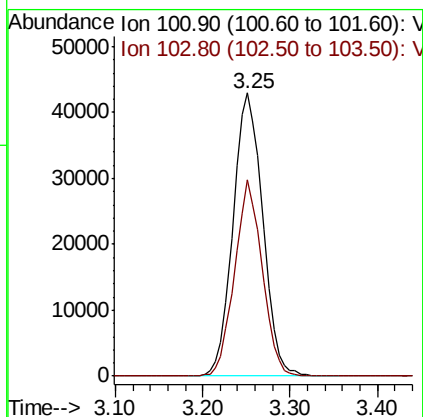
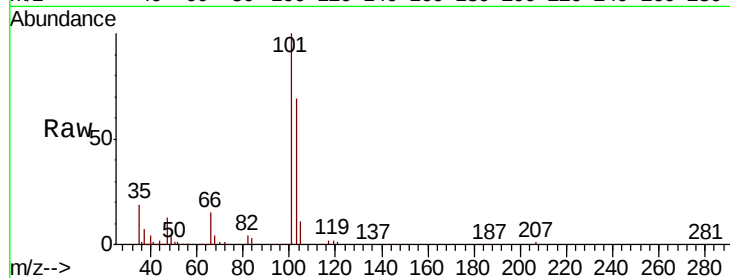


#7

Trichlorofluoromethane
 Concen: 21.008 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

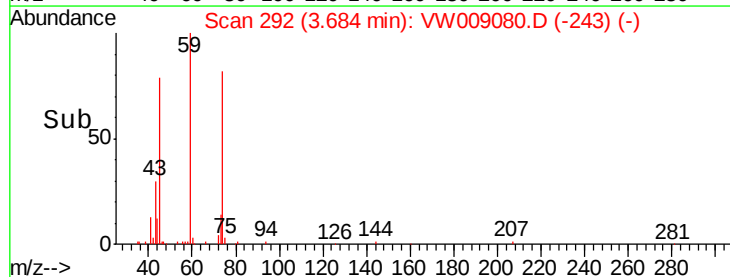
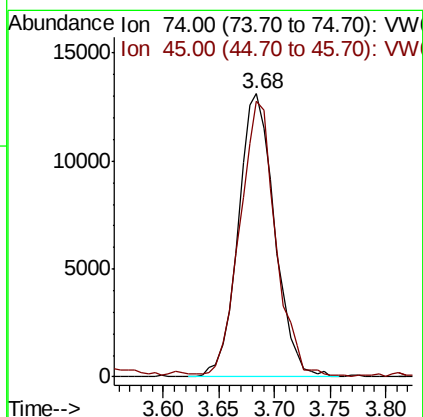
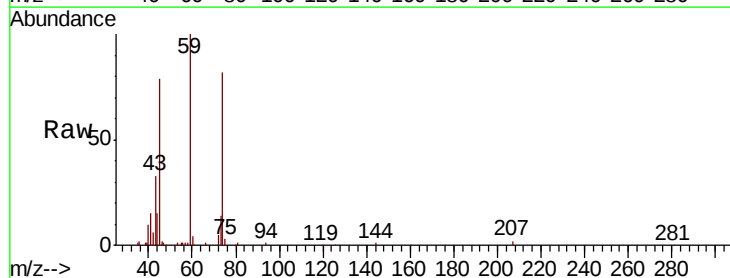
Tgt Ion:101 Resp: 101563
 Ion Ratio Lower Upper
 101 100
 103 69.3 49.9 74.9

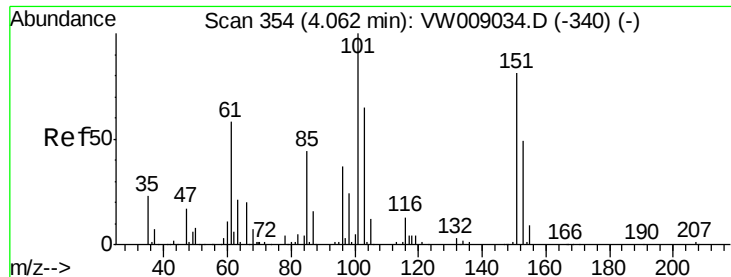


#8

Diethyl Ether
 Concen: 20.139 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 74 Resp: 29770
 Ion Ratio Lower Upper
 74 100
 45 96.7 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.749 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

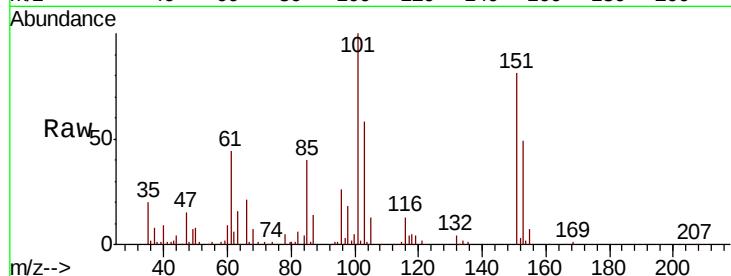
Tgt Ion:101 Resp: 62474

Ion Ratio Lower Upper

101 100

85 45.5 36.2 54.4

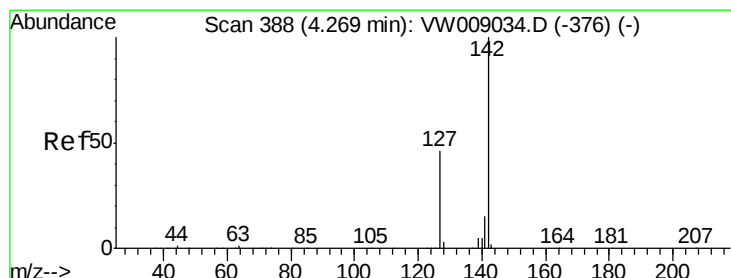
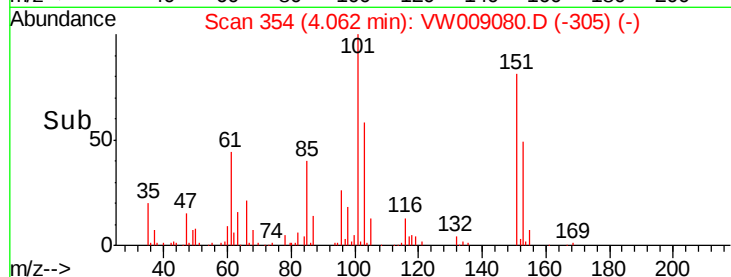
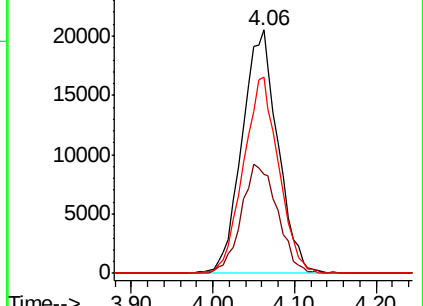
151 79.3 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.416 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

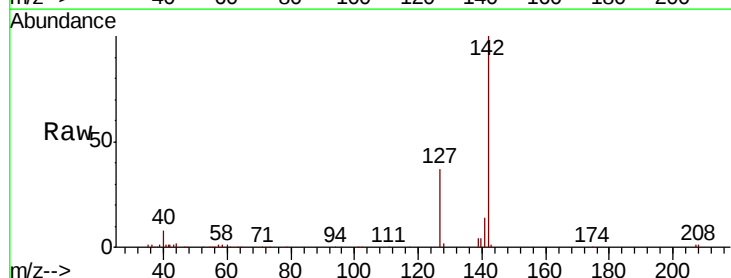
Tgt Ion:142 Resp: 53124

Ion Ratio Lower Upper

142 100

127 45.0 35.8 53.6

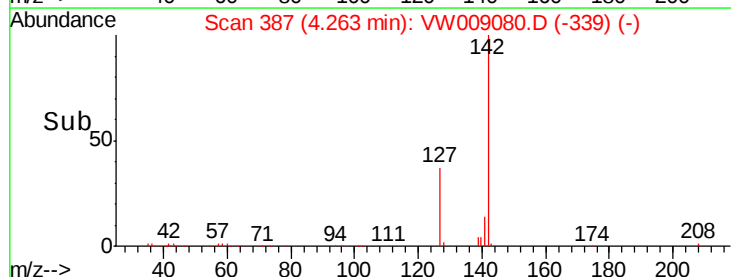
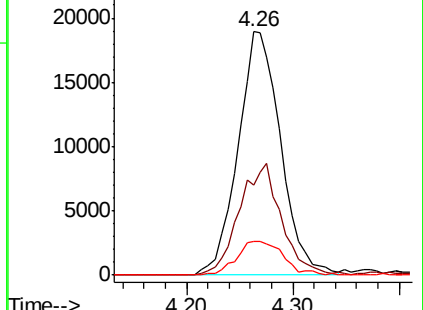
141 15.2 11.8 17.8

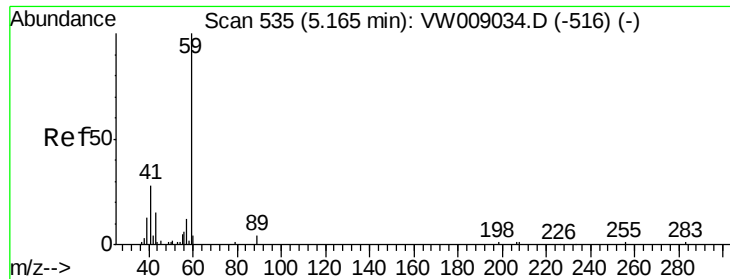


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

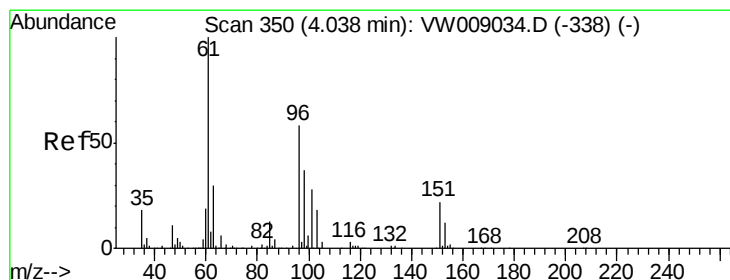
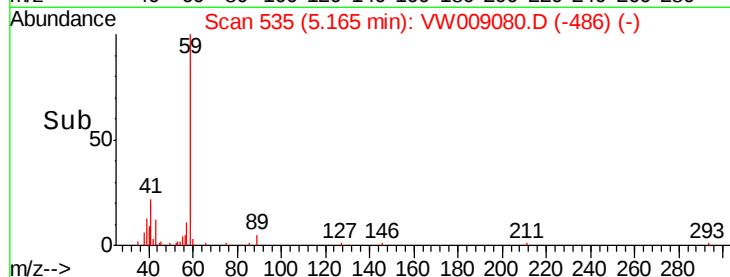
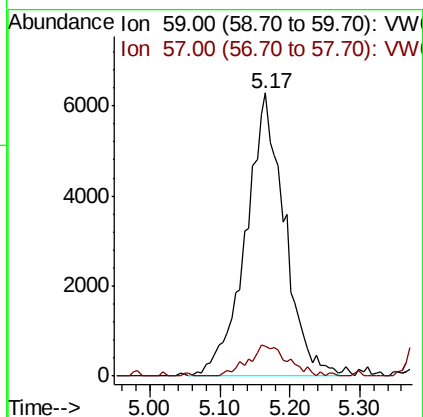
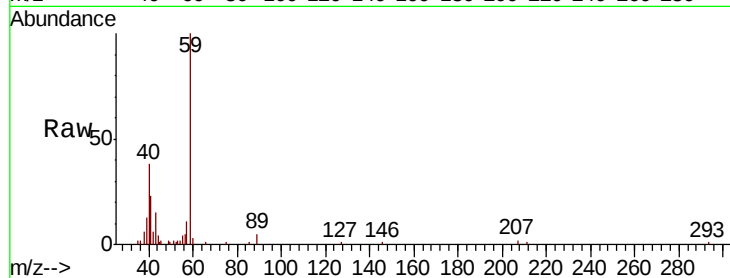




#11
Tert butyl alcohol
Concen: 109.034 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

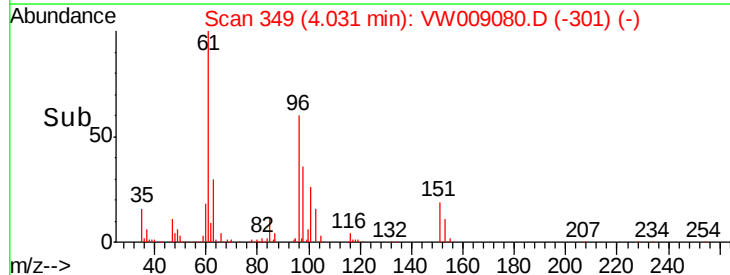
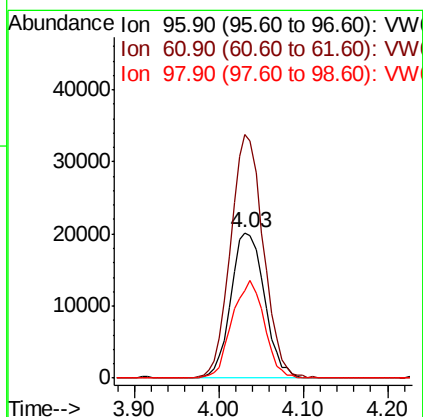
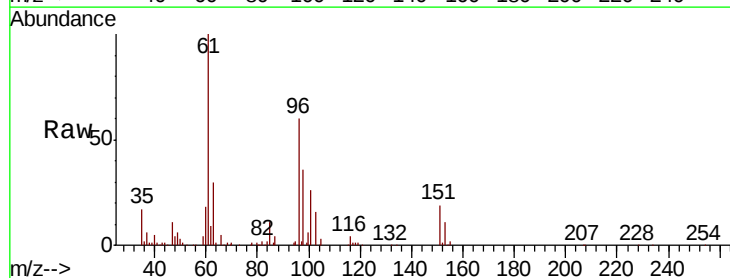
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

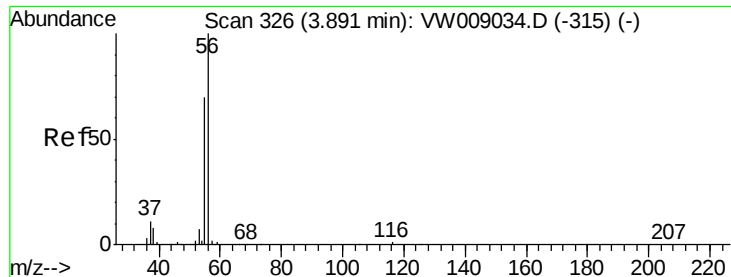
Tgt Ion: 59 Resp: 24293
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.988 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 96 Resp: 54511
Ion Ratio Lower Upper
96 100
61 167.1 138.2 207.2
98 59.9 51.3 76.9

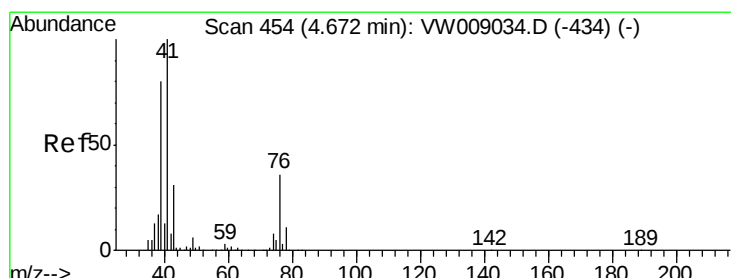
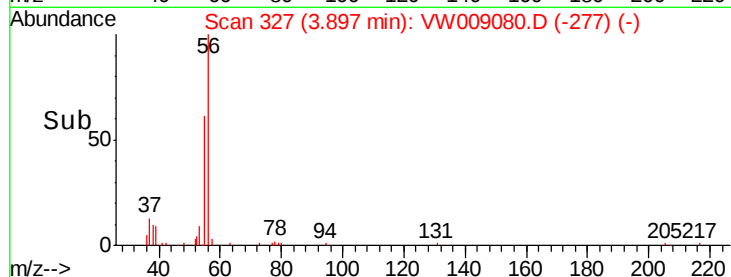
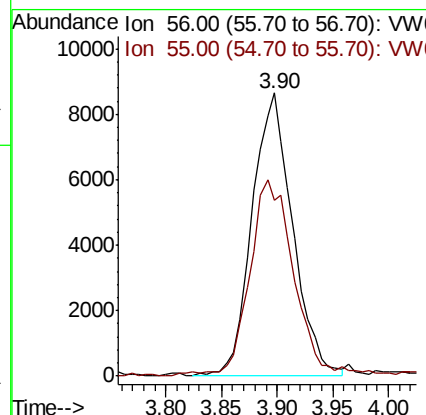
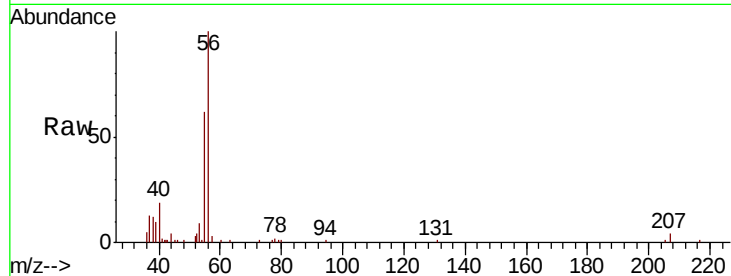




#13
Acrolein
Concen: 89.524 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

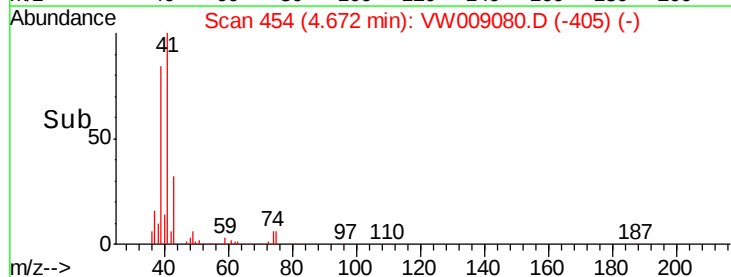
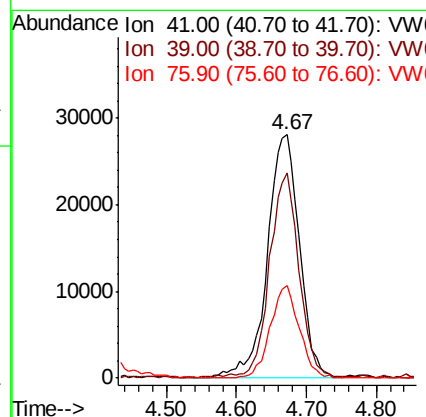
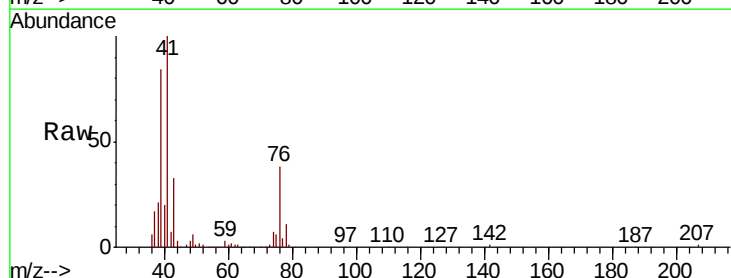
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

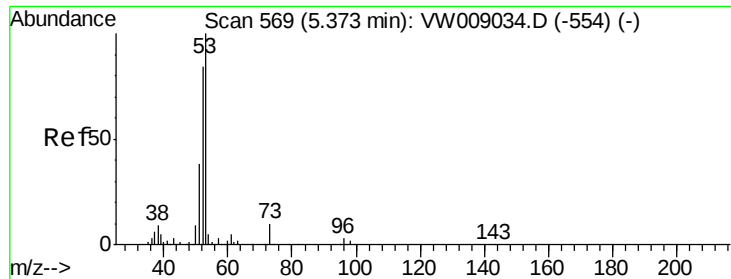
Tgt Ion: 56 Resp: 21949
Ion Ratio Lower Upper
56 100
55 72.3 56.6 84.8



#14
Allyl chloride
Concen: 19.474 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 41 Resp: 89217
Ion Ratio Lower Upper
41 100
39 78.9 63.0 94.4
76 34.7 28.2 42.2





#15

Acrylonitrile

Concen: 98.320 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

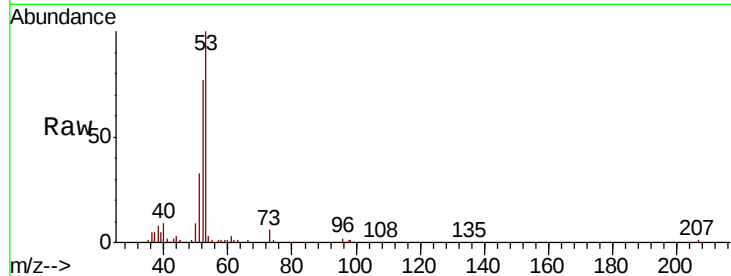
Tgt Ion: 53 Resp: 63432

Ion Ratio Lower Upper

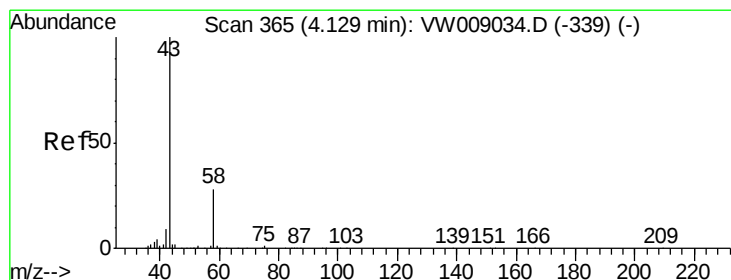
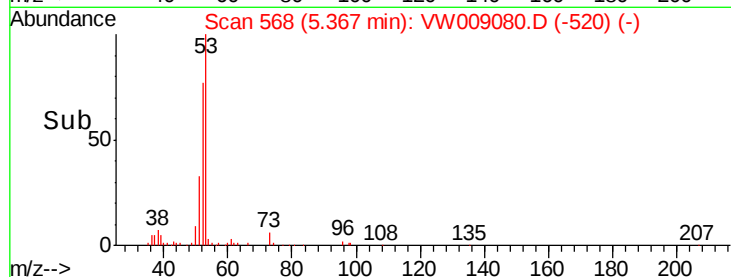
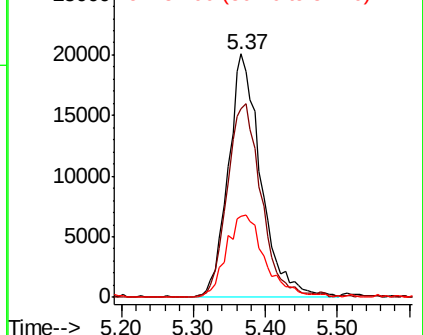
53 100

52 82.4 67.2 100.8

51 40.1 31.8 47.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 98.433 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009080.D

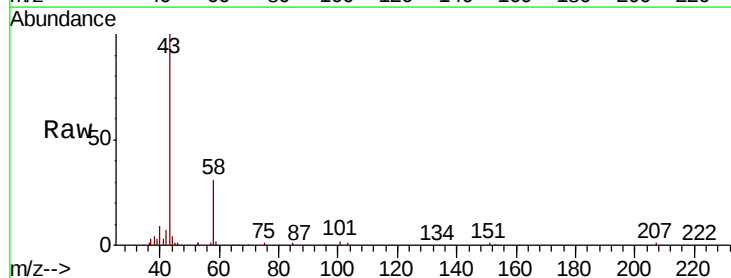
Acq: 11 Mar 2019 12:22

Tgt Ion: 43 Resp: 64582

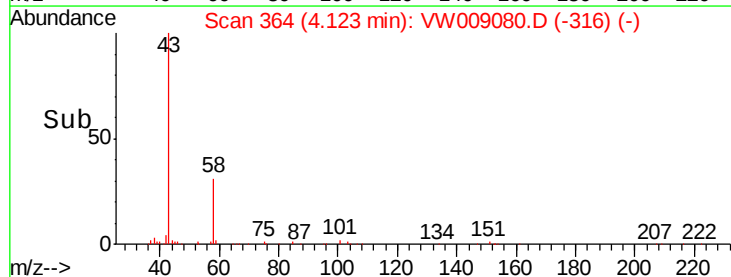
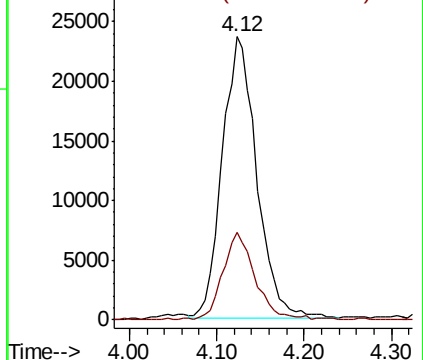
Ion Ratio Lower Upper

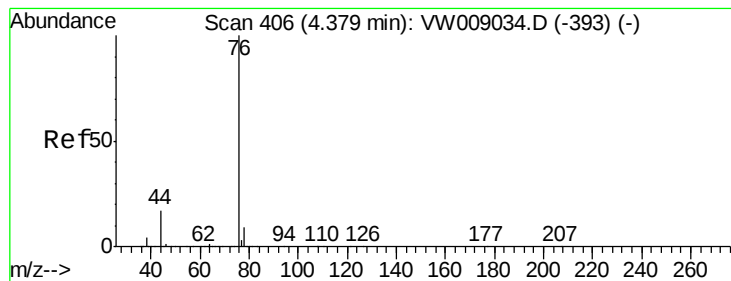
43 100

58 30.7 22.5 33.7



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





#17

Carbon Disulfide

Concen: 20.496 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

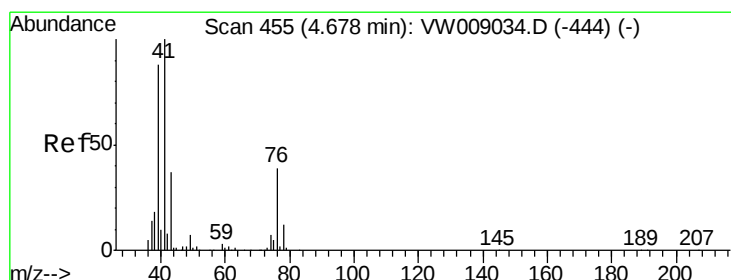
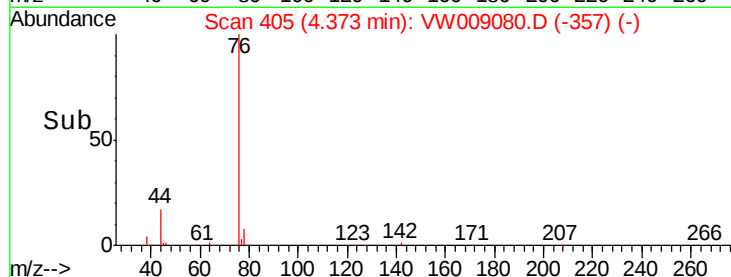
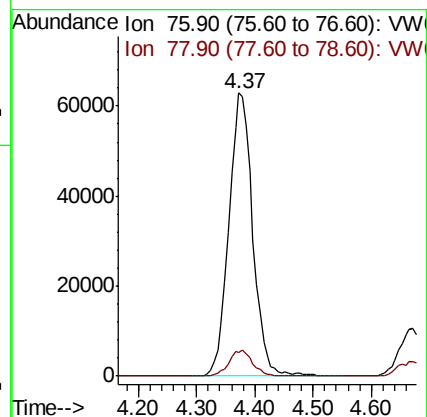
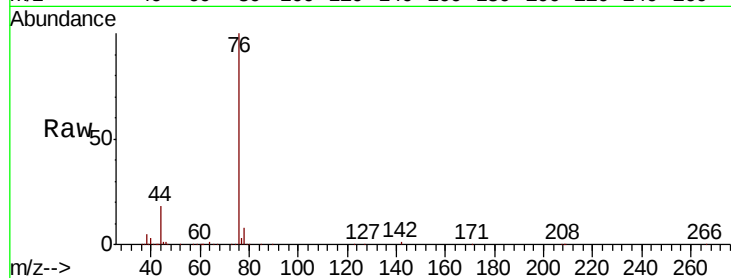
VW0311SBSD01

Tgt Ion: 76 Resp: 179103

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6



#18

Methyl Acetate

Concen: 18.508 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW009080.D

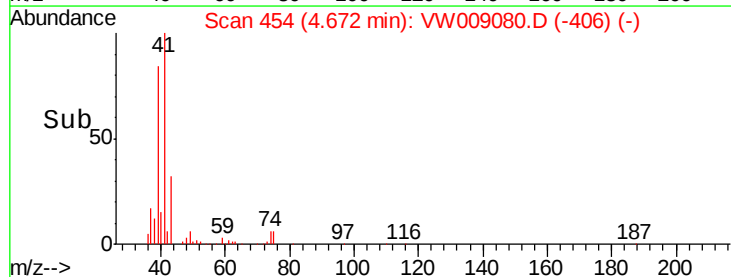
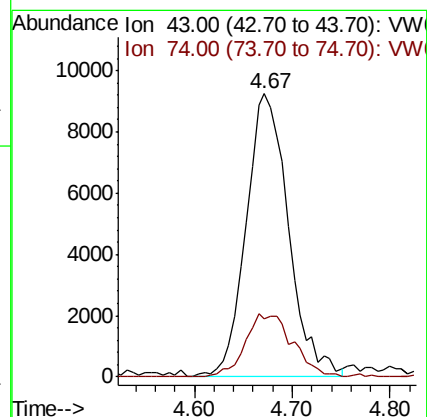
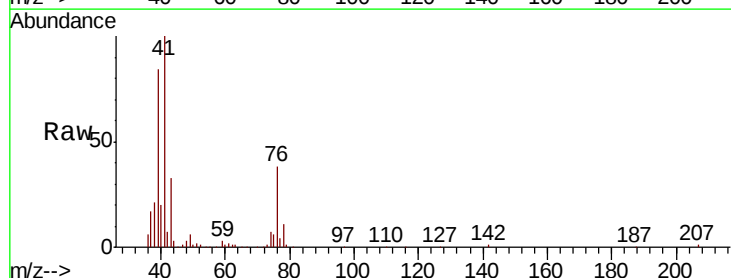
Acq: 11 Mar 2019 12:22

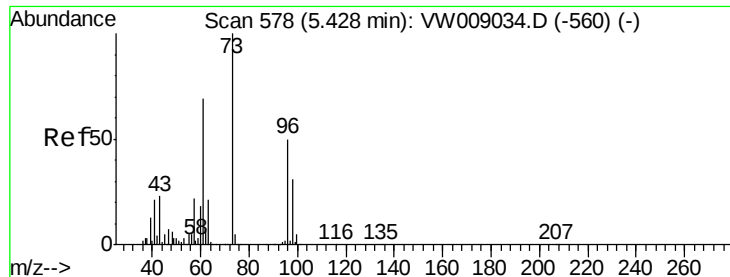
Tgt Ion: 43 Resp: 27923

Ion Ratio Lower Upper

43 100

74 24.7 17.6 26.4



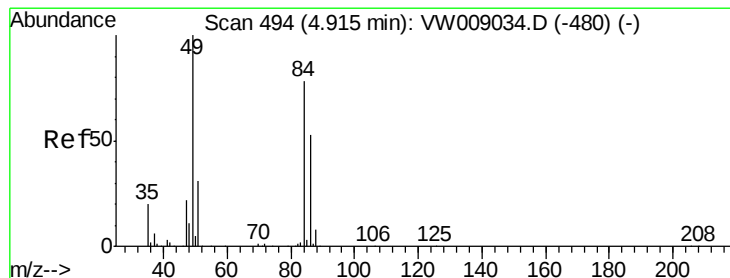
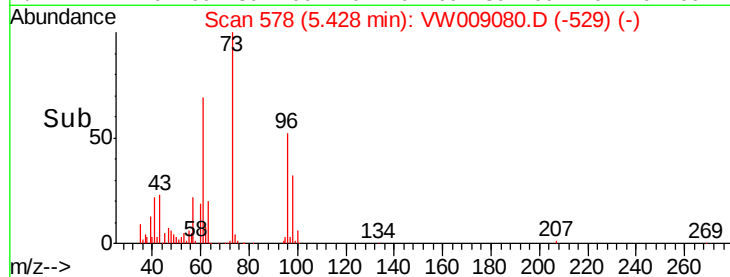
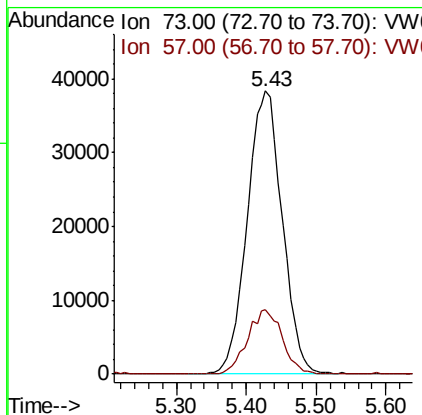
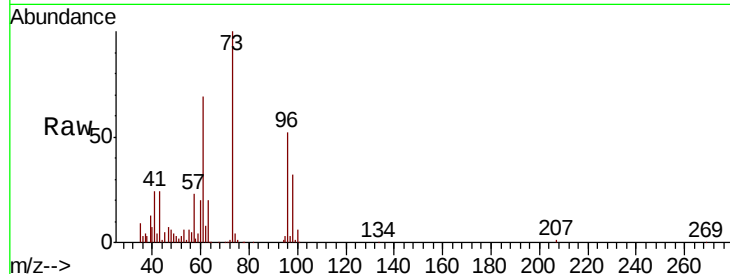


#19

Methyl tert-butyl Ether
 Concen: 19.398 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

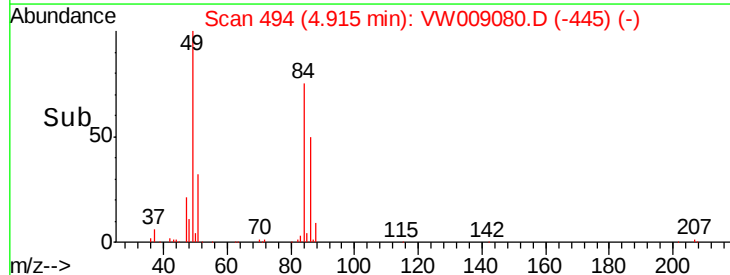
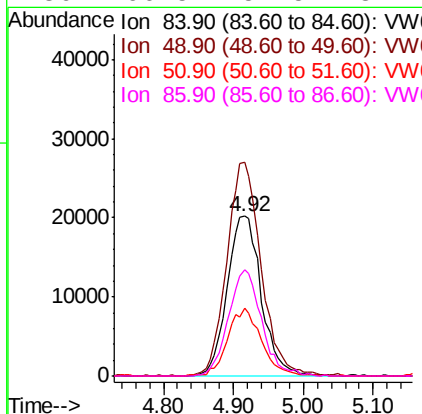
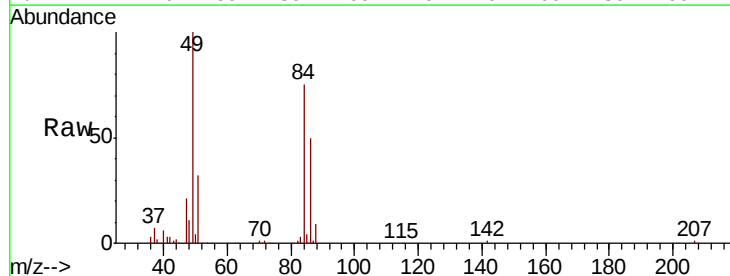
Tgt Ion: 73 Resp: 133271
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.3 25.9

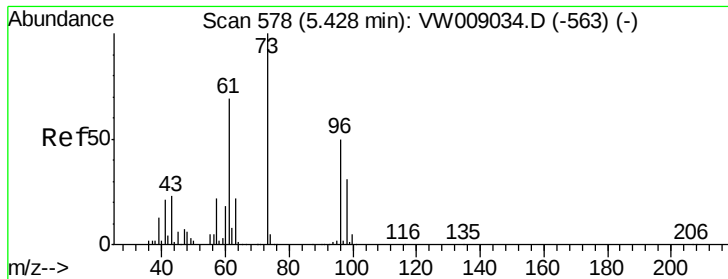


#20

Methylene Chloride
 Concen: 18.783 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 84 Resp: 68429
 Ion Ratio Lower Upper
 84 100
 49 133.3 102.4 153.6
 51 42.2 31.6 47.4
 86 66.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 20.339 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

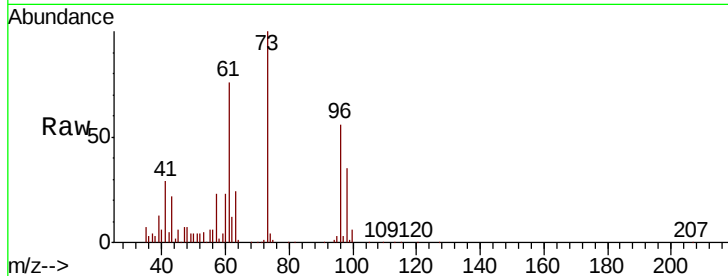
Tgt Ion: 96 Resp: 60995

Ion Ratio Lower Upper

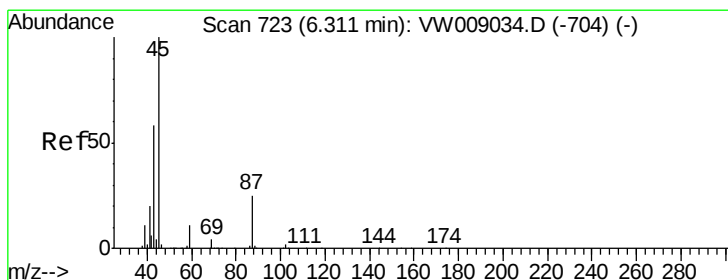
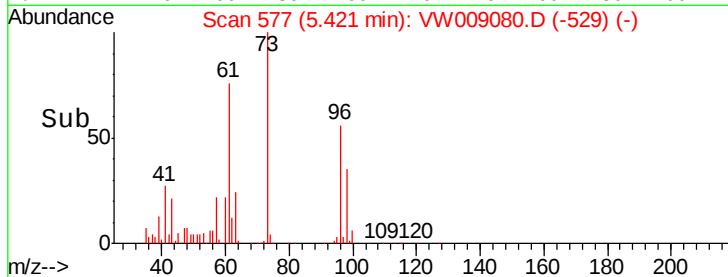
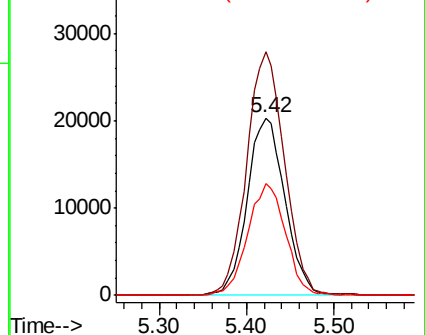
96 100

61 137.1 111.0 166.6

98 63.0 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.739 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Tgt Ion: 45 Resp: 179713

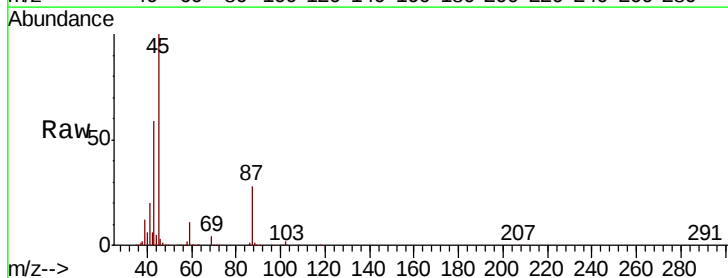
Ion Ratio Lower Upper

45 100

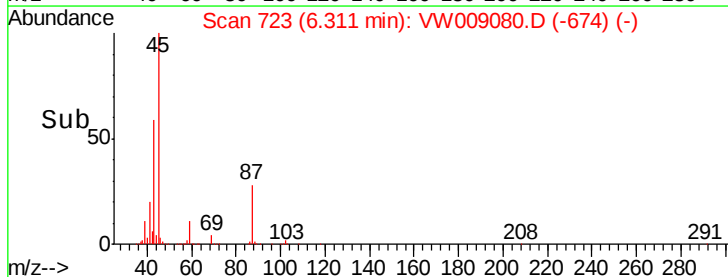
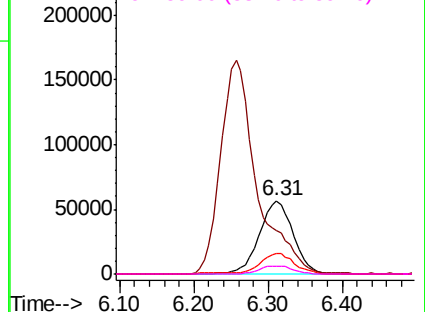
43 58.6 46.2 69.4

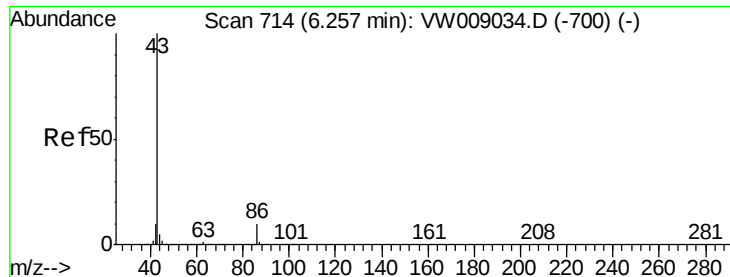
87 28.3 20.1 30.1

59 10.7 8.4 12.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

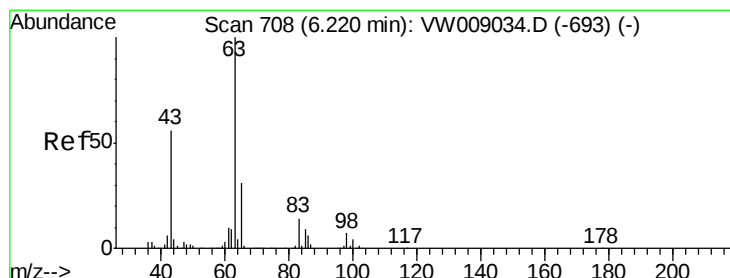
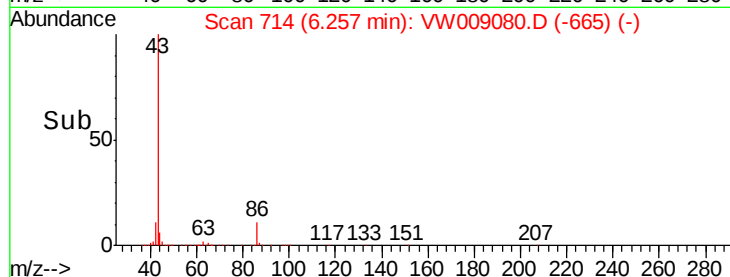
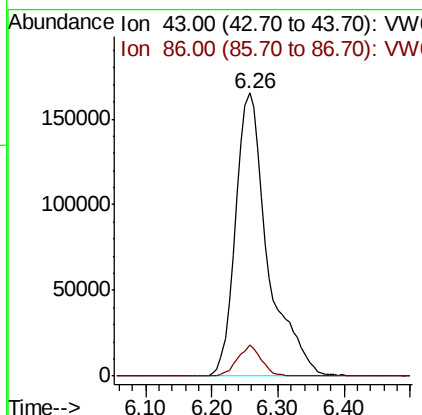
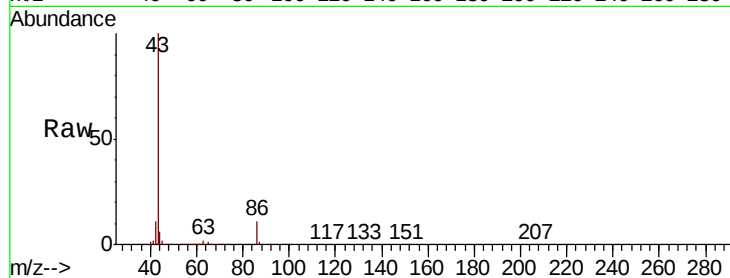




#23
 Vinyl Acetate
 Concen: 98.570 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

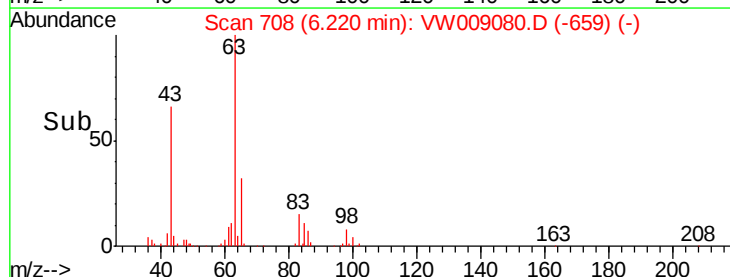
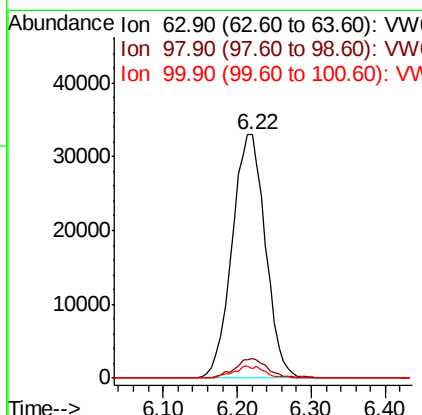
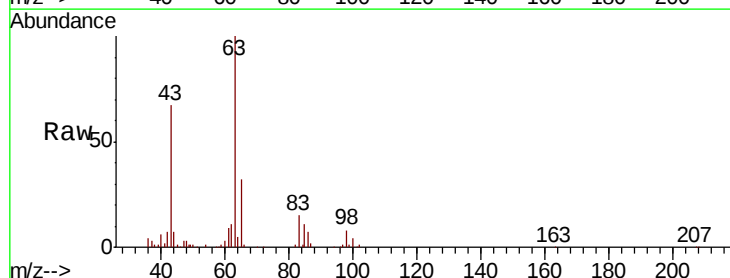
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

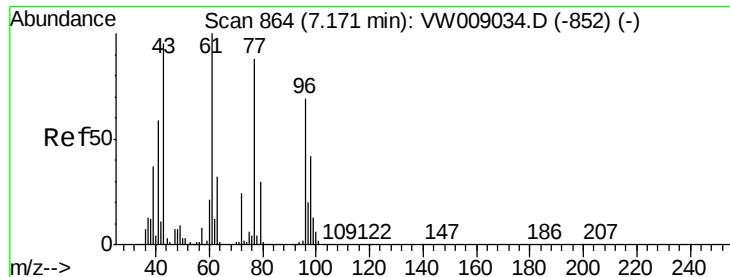
Tgt Ion: 43 Resp: 558457
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.593 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 63 Resp: 103467
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 97.207 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

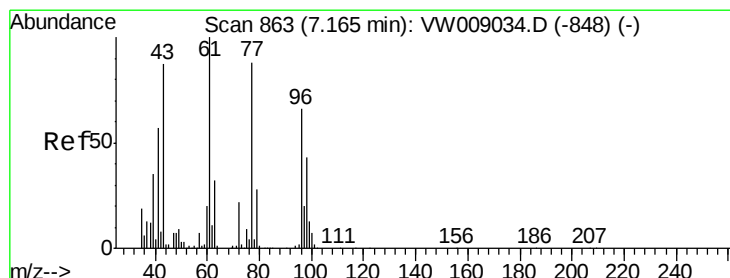
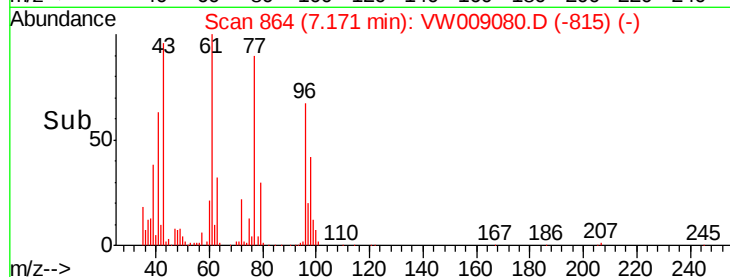
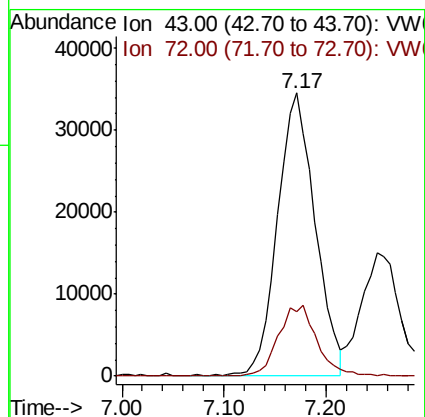
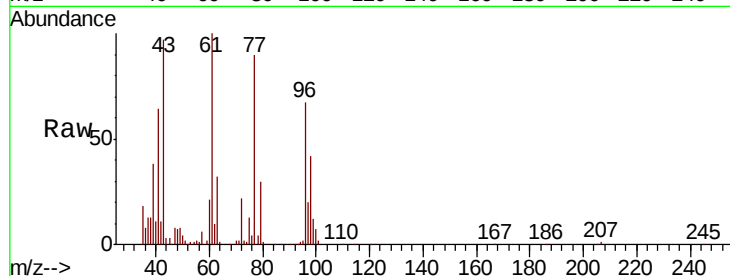
VW0311SBSD01

Tgt Ion: 43 Resp: 88142

Ion Ratio Lower Upper

43 100

72 22.9 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.853 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009080.D

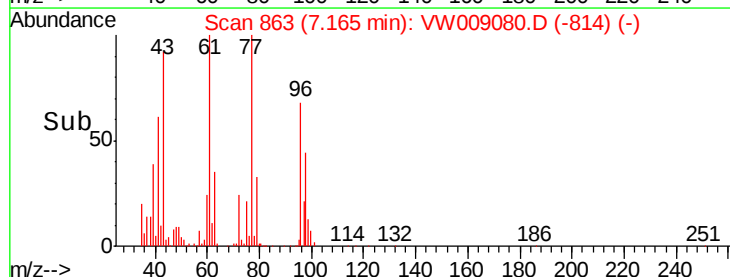
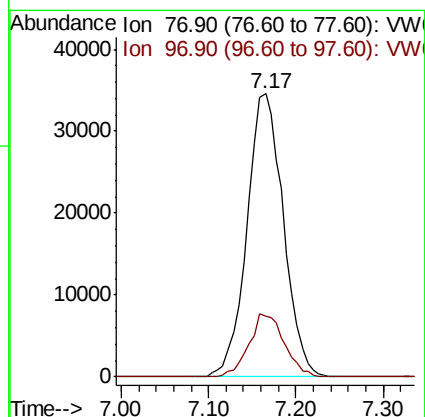
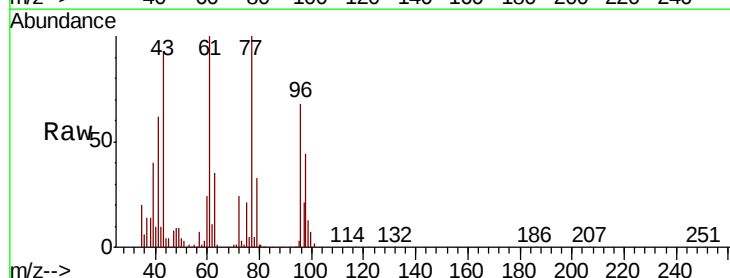
Acq: 11 Mar 2019 12:22

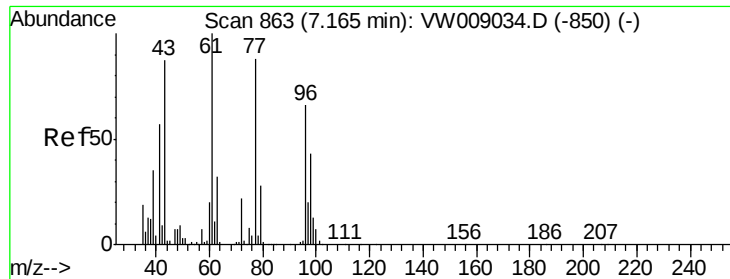
Tgt Ion: 77 Resp: 100094

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9



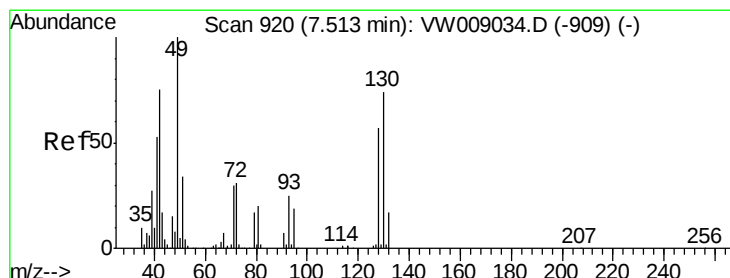
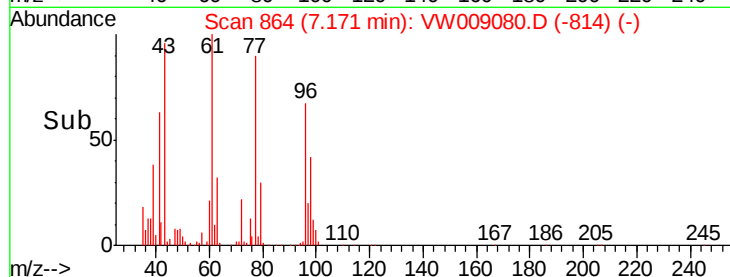
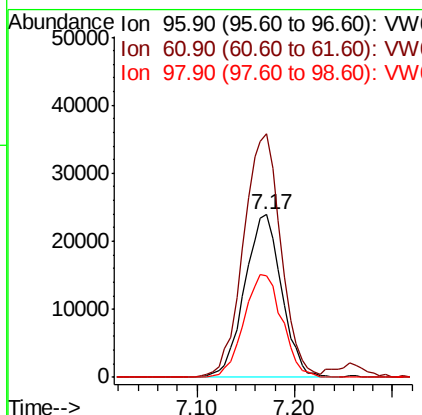
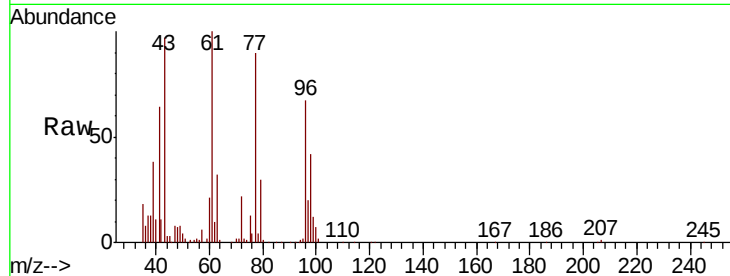


#27

cis-1,2-Dichloroethene
 Concen: 19.498 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

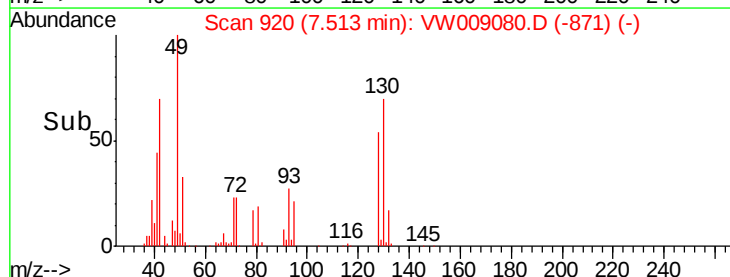
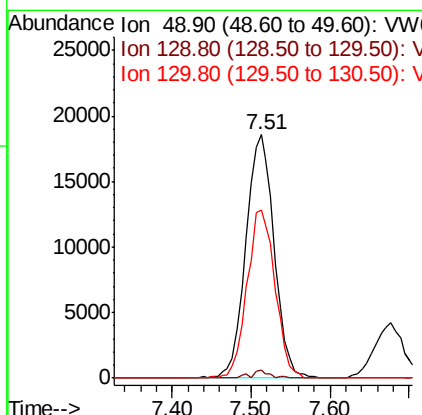
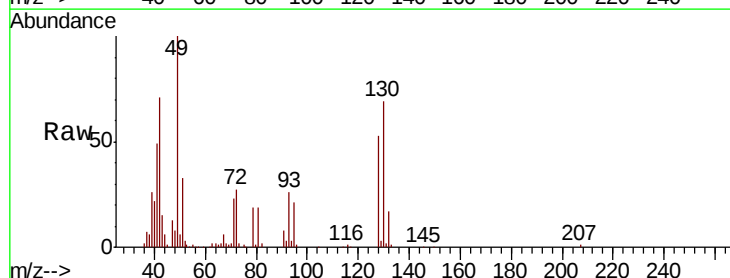
Tgt Ion: 96 Resp: 62798
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 299.8
 98 65.1 0.0 127.2

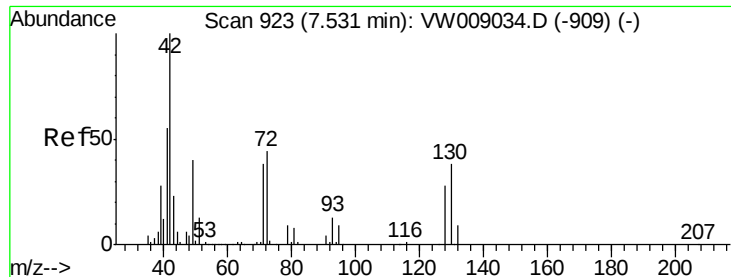


#28

Bromochloromethane
 Concen: 21.046 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 49 Resp: 46227
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 68.4 60.4 90.6

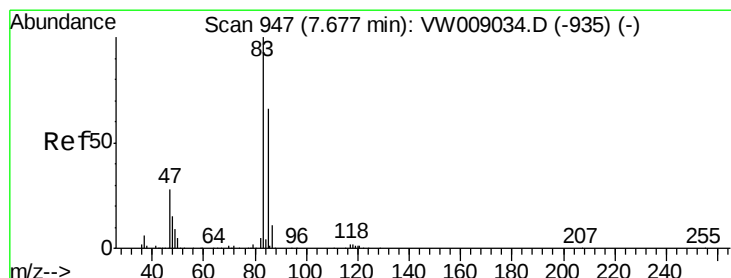
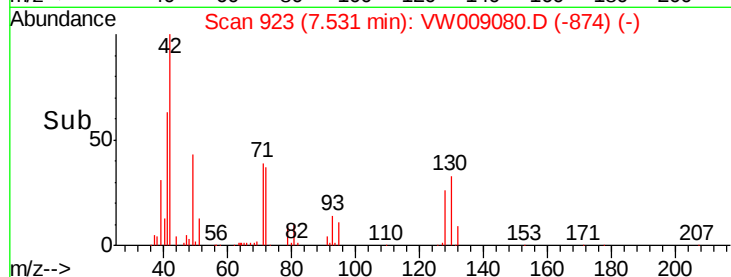
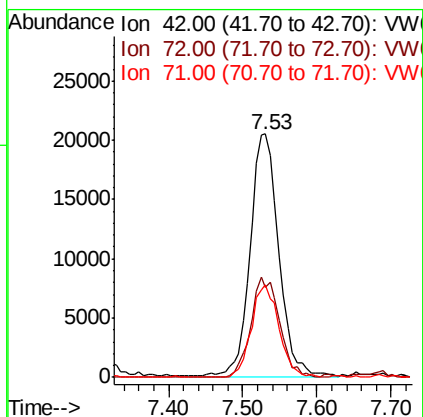
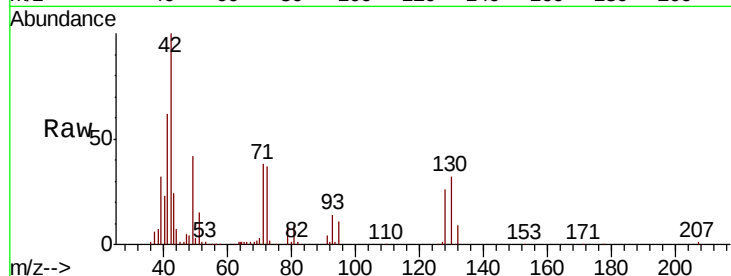




#29
Tetrahydrofuran
Concen: 96.756 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

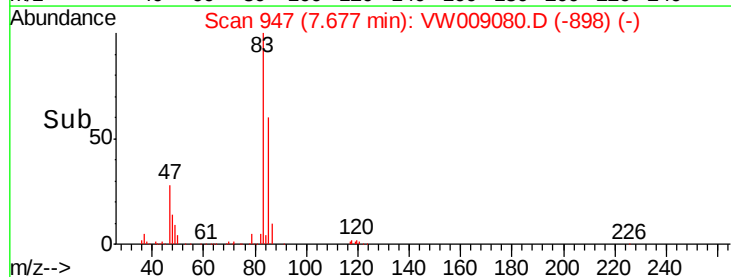
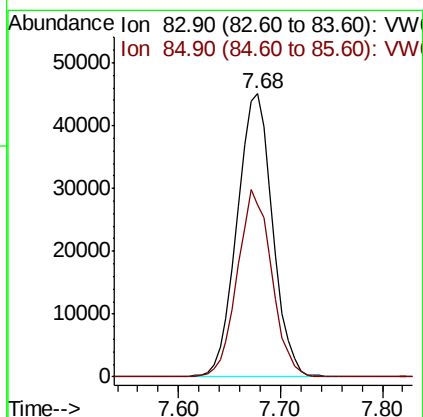
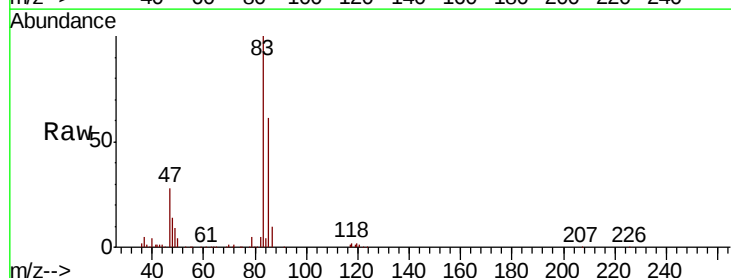
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

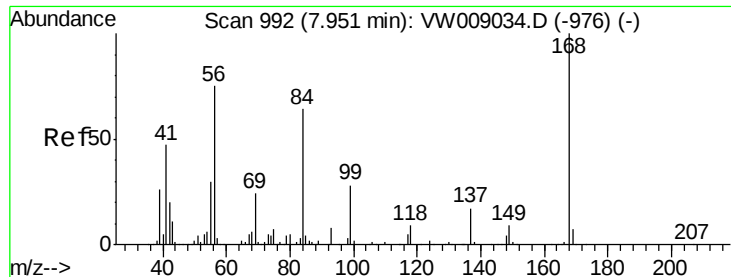
Tgt Ion: 42 Resp: 55287
Ion Ratio Lower Upper
42 100
72 41.2 32.2 48.4
71 36.8 30.7 46.1



#30
Chloroform
Concen: 19.995 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 83 Resp: 108711
Ion Ratio Lower Upper
83 100
85 60.6 53.0 79.6

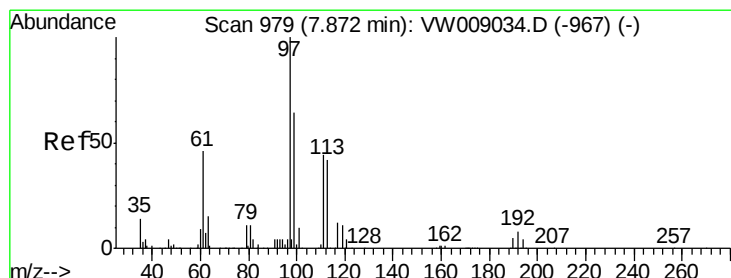
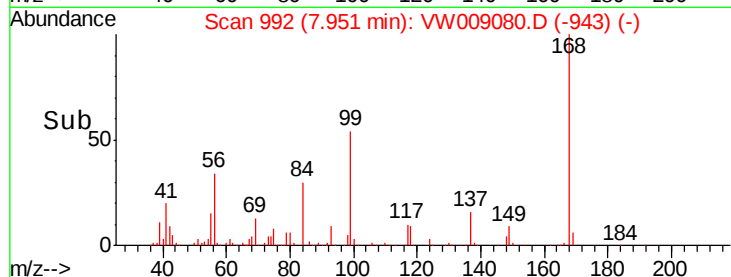
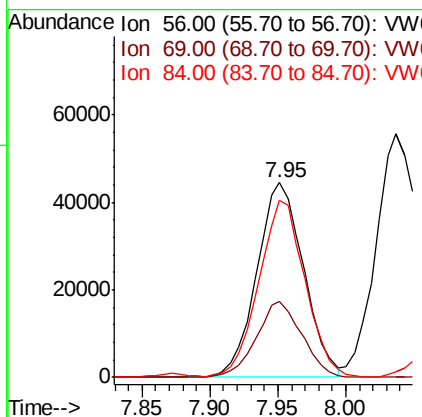
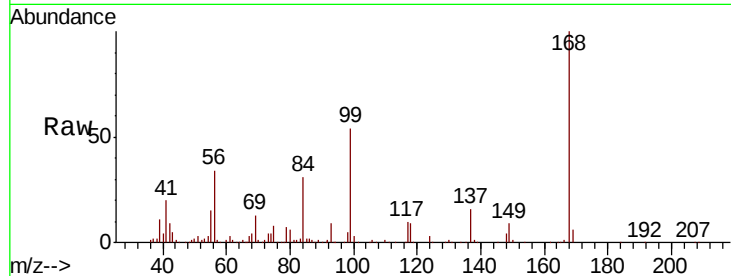




#31
Cyclohexane
Concen: 19.683 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

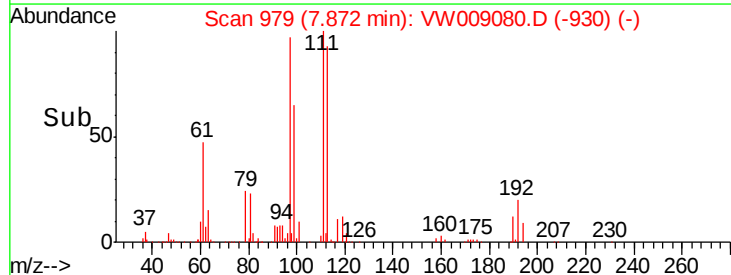
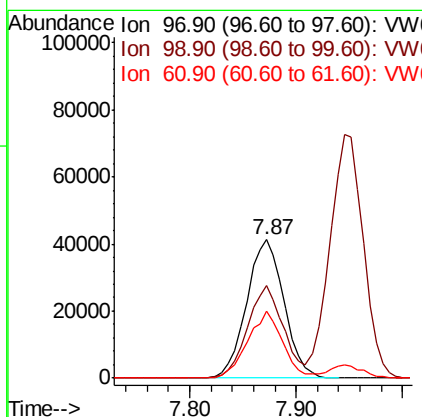
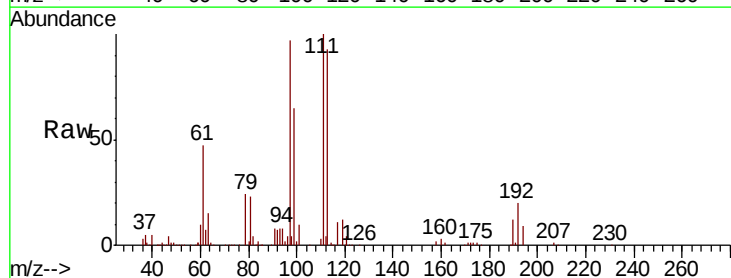
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

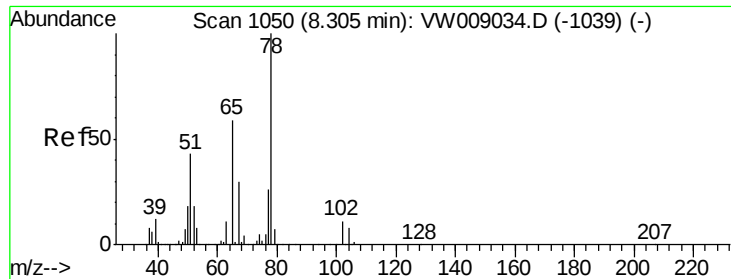
Tgt Ion: 56 Resp: 106726
Ion Ratio Lower Upper
56 100
69 39.2 25.5 38.3#
84 90.8 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 20.286 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 97 Resp: 101784
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 45.2 37.3 55.9

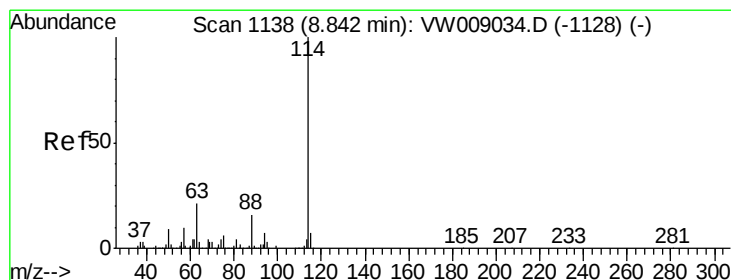
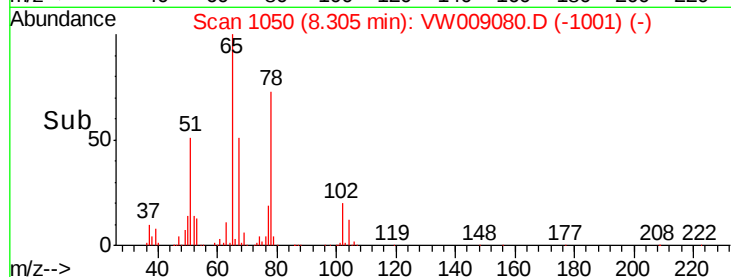
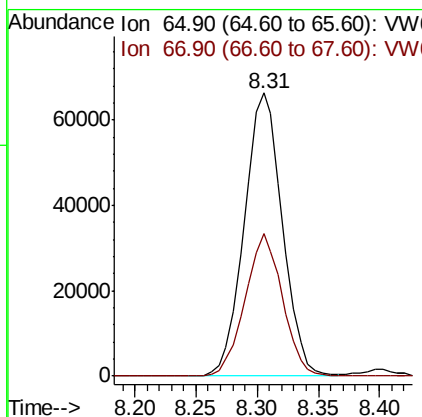
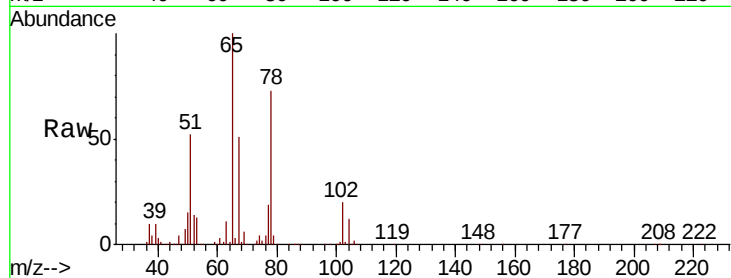




#33
 1,2-Dichloroethane-d4
 Concen: 49.390 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

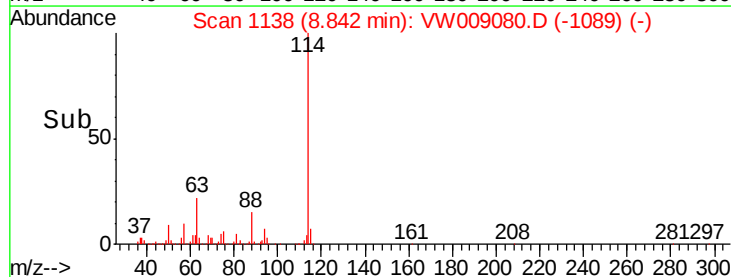
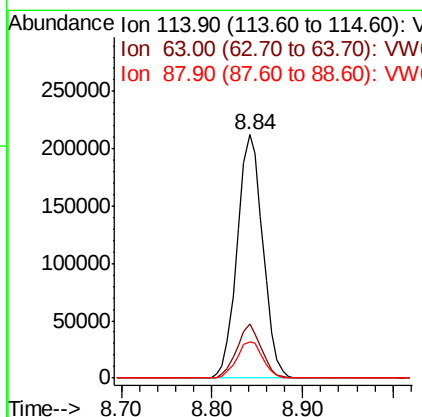
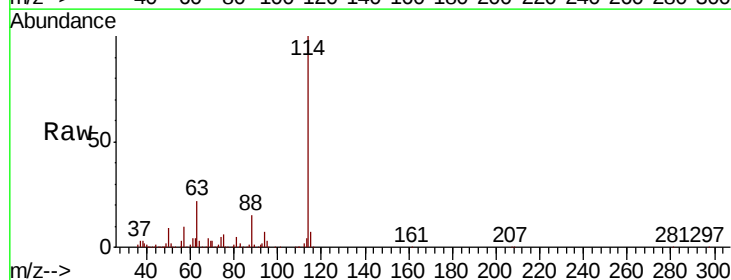
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

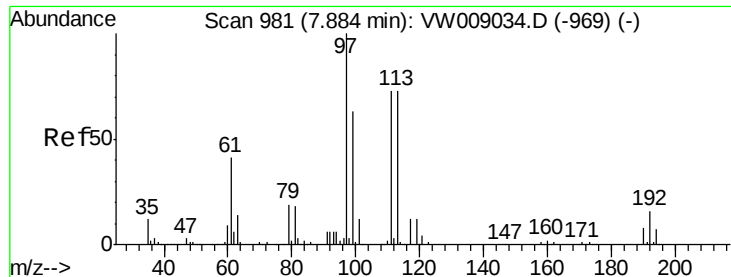
Tgt Ion: 65 Resp: 143601
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 114 Resp: 415283
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.2
 88 14.9 0.0 31.2

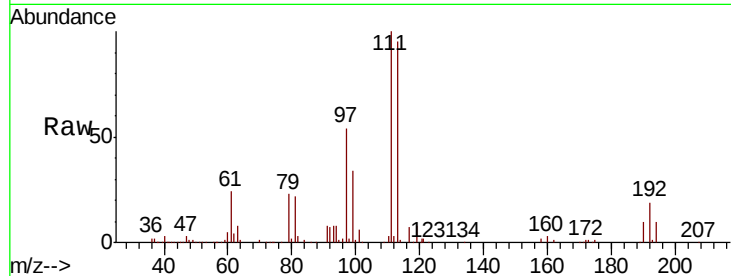




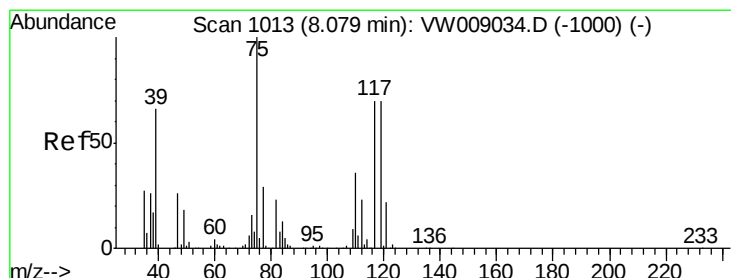
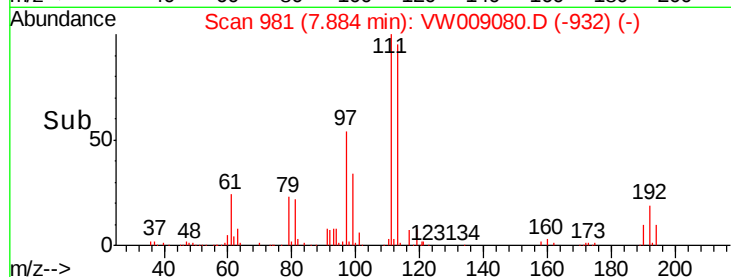
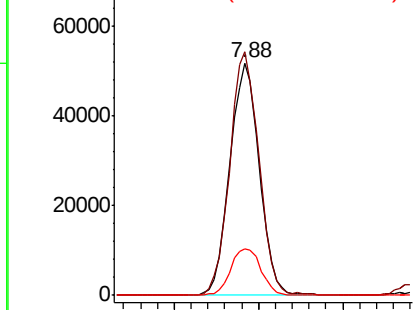
#35
 Dibromofluoromethane
 Concen: 48.957 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Instrument :
 MSVOA_W
 ClientSampled :
 VW0311SBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.4
192	20.8	17.1	25.7

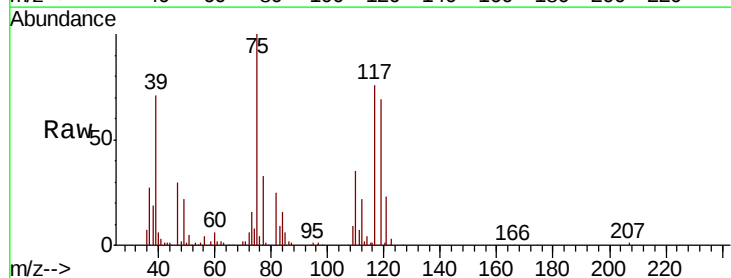


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

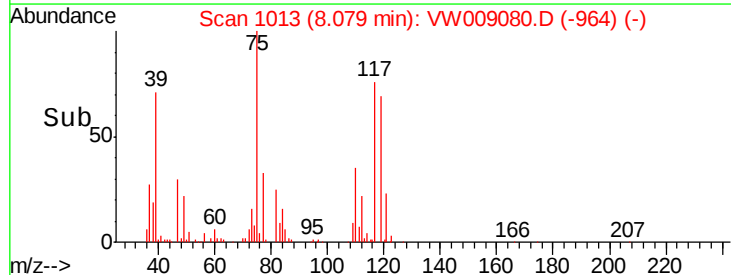
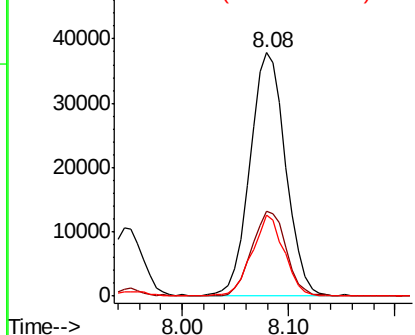


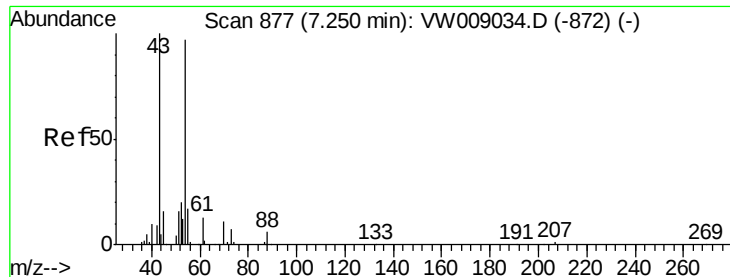
#36
 1,1-Dichloropropene
 Concen: 20.449 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.6	52.9
77	30.3	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

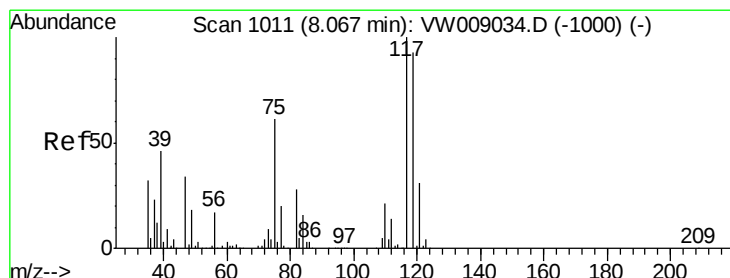
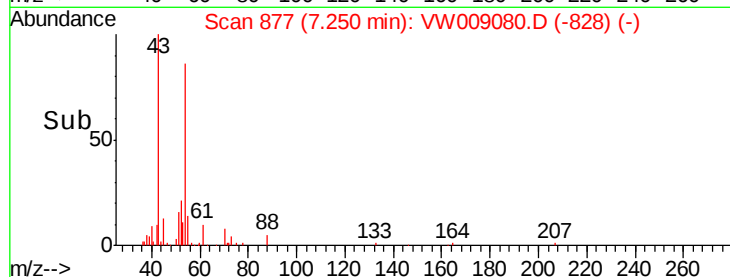
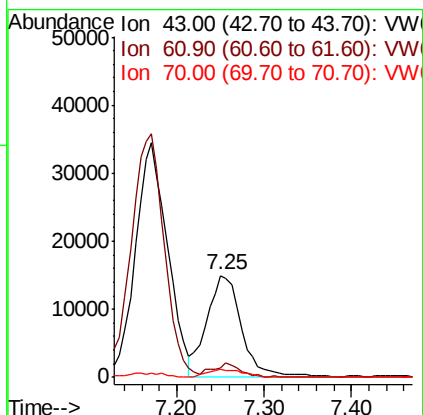
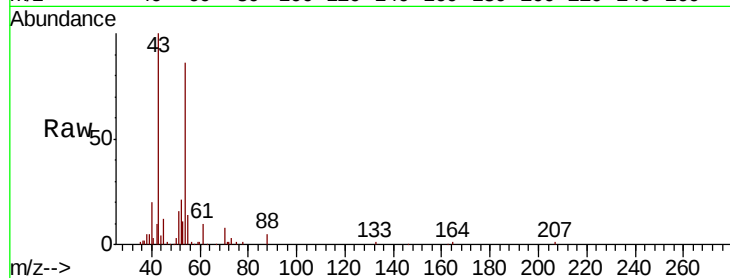




#37
Ethyl Acetate
Concen: 19.890 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

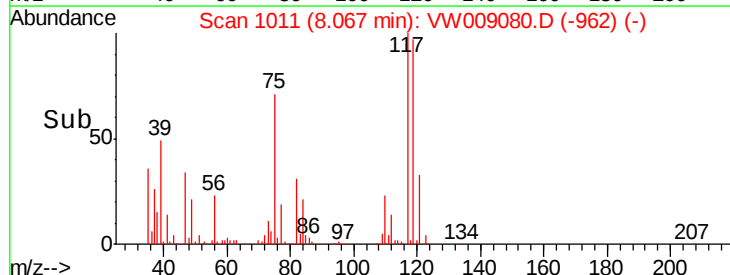
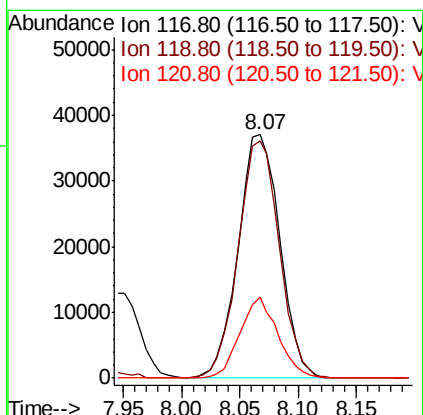
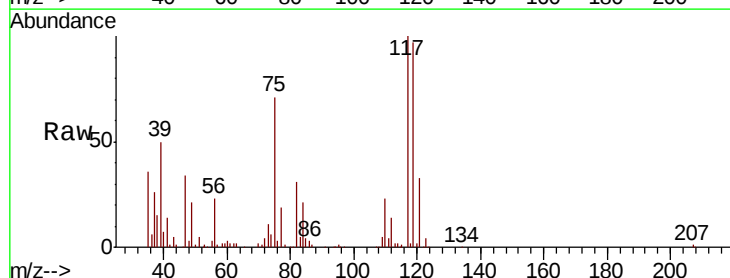
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

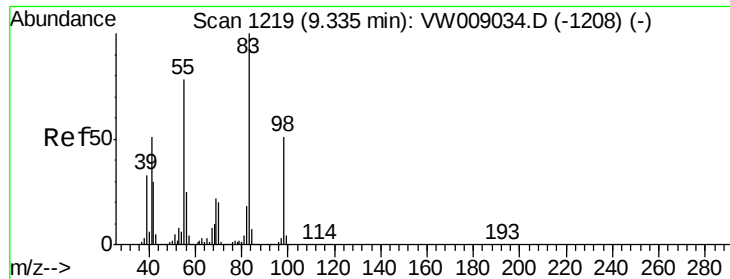
Tgt Ion: 43 Resp: 40568
Ion Ratio Lower Upper
43 100
61 10.5 9.8 14.6
70 8.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.600 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 117 Resp: 92379
Ion Ratio Lower Upper
117 100
119 97.2 74.6 112.0
121 33.1 24.7 37.1

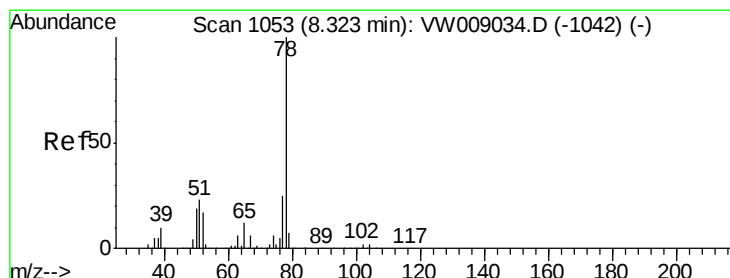
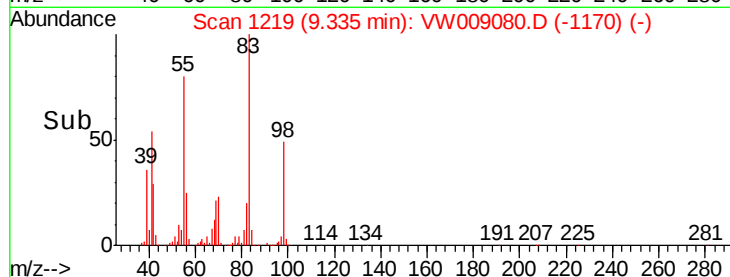
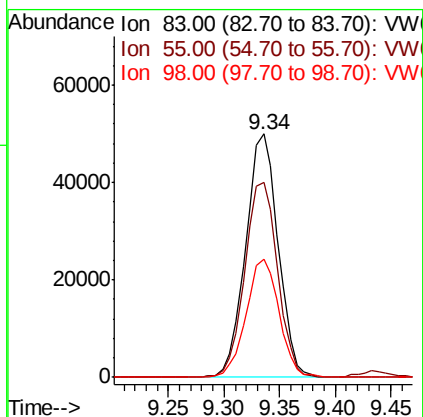
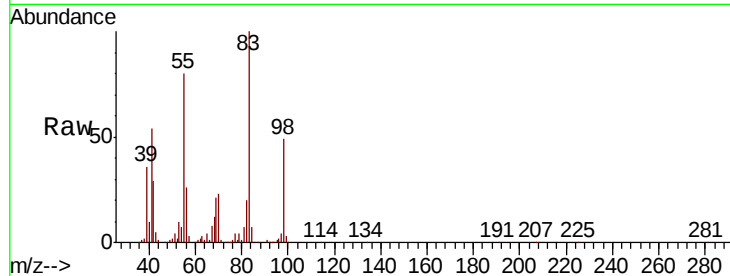




#39
Methylcyclohexane
Concen: 19.630 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

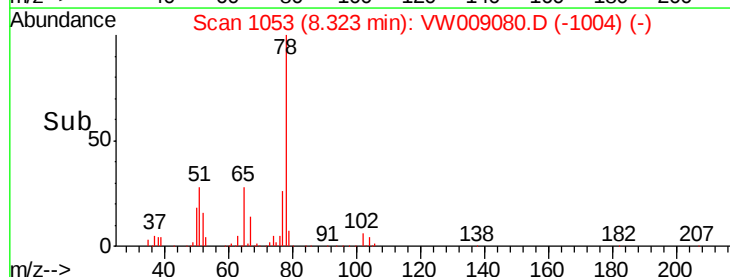
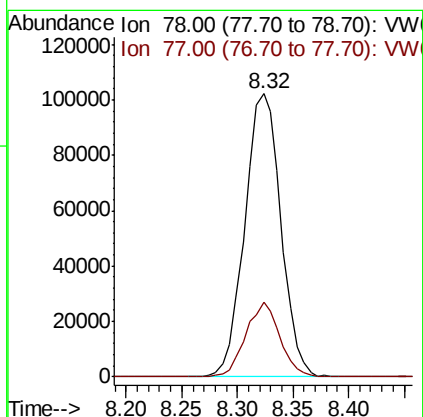
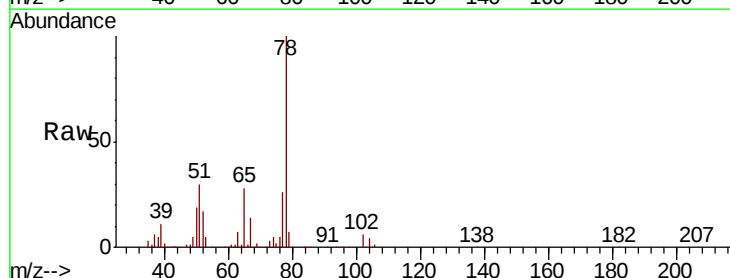
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

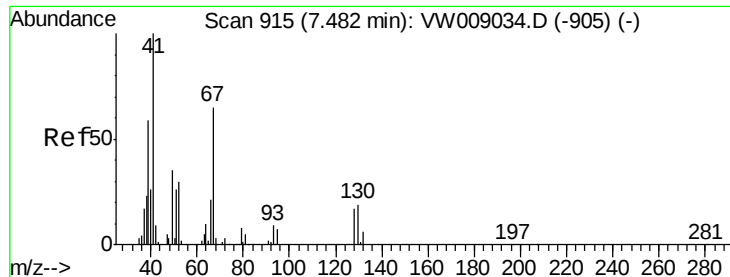
Tgt Ion: 83 Resp: 101526
Ion Ratio Lower Upper
83 100
55 80.0 62.7 94.1
98 48.7 40.8 61.2



#40
Benzene
Concen: 19.934 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 78 Resp: 231061
Ion Ratio Lower Upper
78 100
77 26.3 20.2 30.4

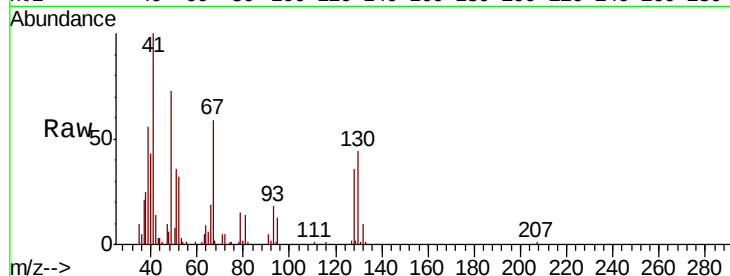




#41
Methacrylonitrile
Concen: 21.776 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

Tgt Ion:	41	Resp:	24664
Ion	Ratio	Lower	Upper
41	100		
39	59.7	53.6	80.4
67	57.9	57.6	86.4
52	29.6	26.0	39.0



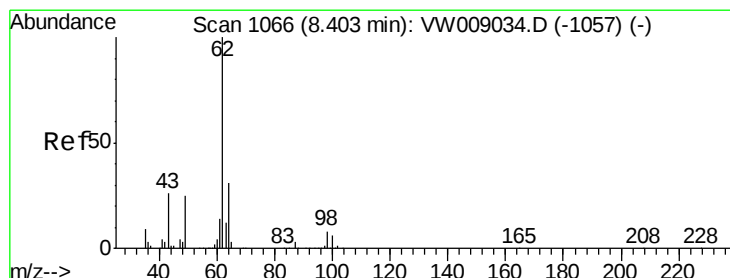
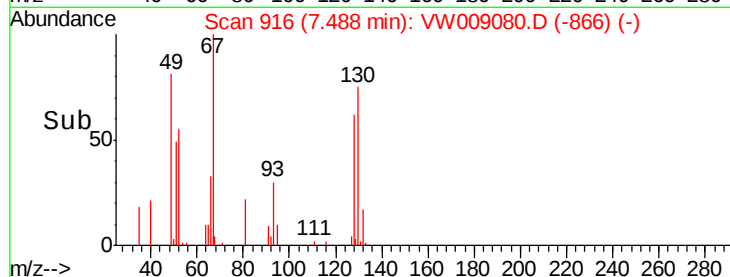
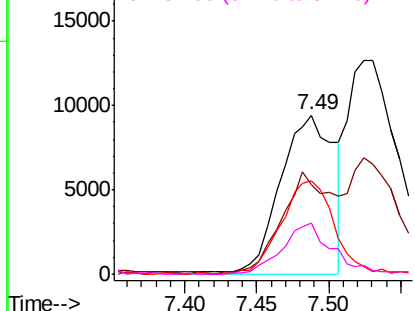
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

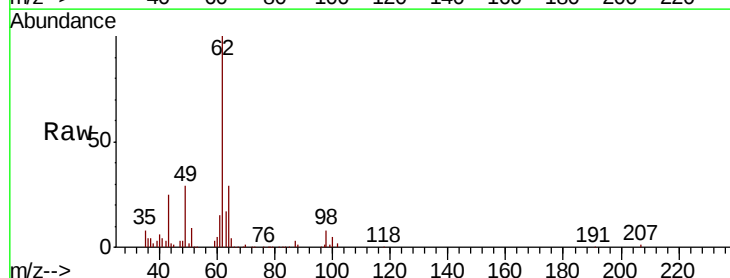
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.026 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

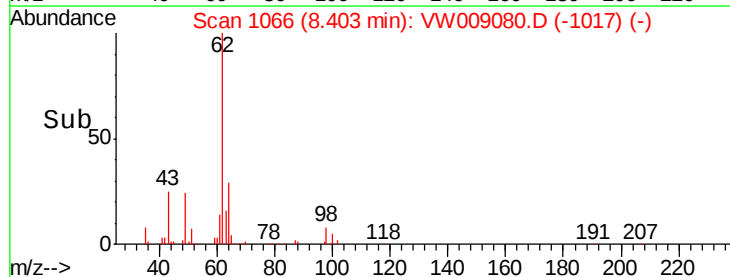
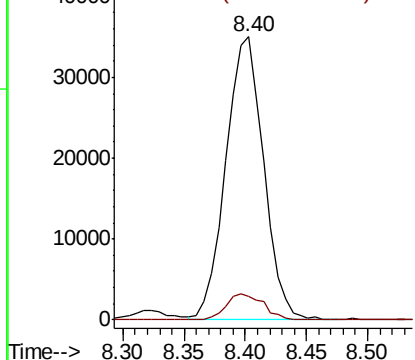
Tgt Ion:	62	Resp:	74942
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6

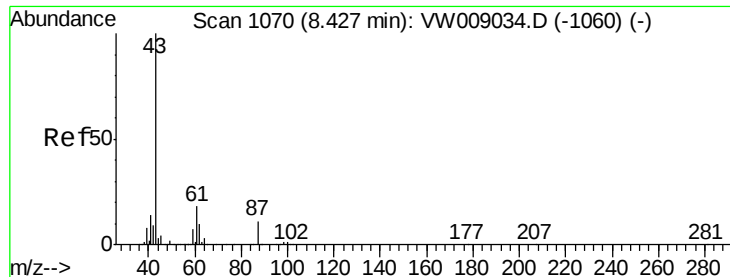


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.115 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

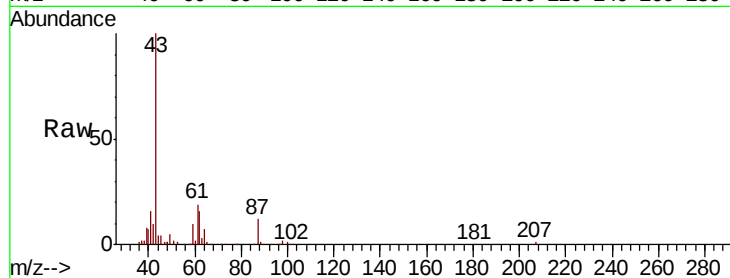
Tgt Ion: 43 Resp: 72614

Ion Ratio Lower Upper

43 100

61 29.1 22.8 34.2

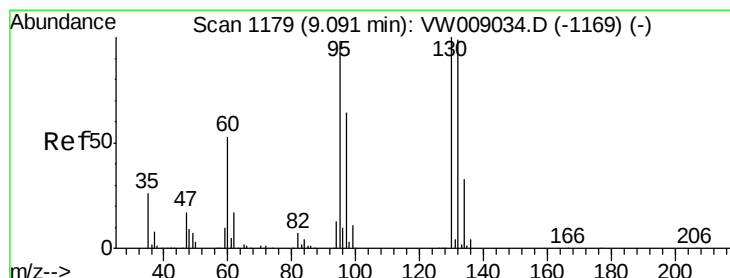
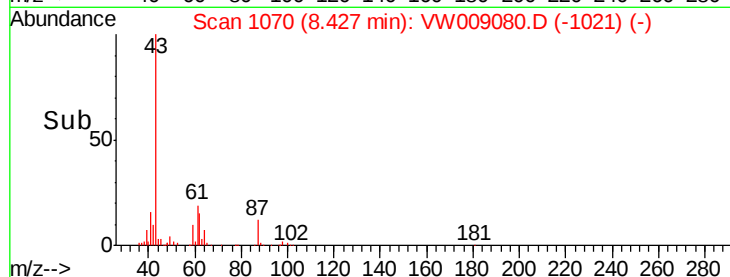
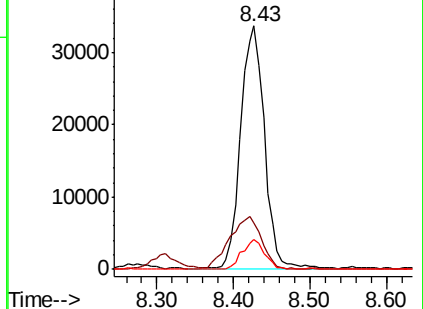
87 11.6 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.906 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009080.D

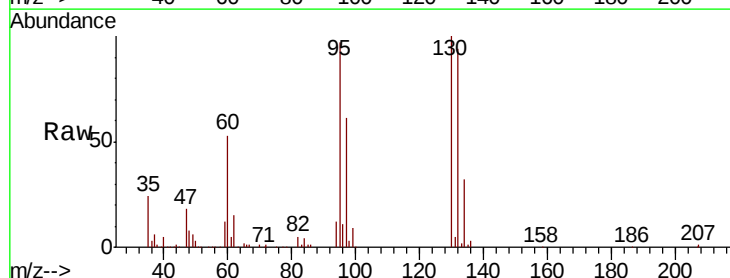
Acq: 11 Mar 2019 12:22

Tgt Ion: 130 Resp: 64672

Ion Ratio Lower Upper

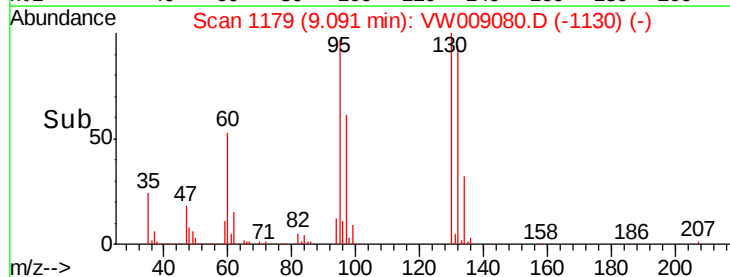
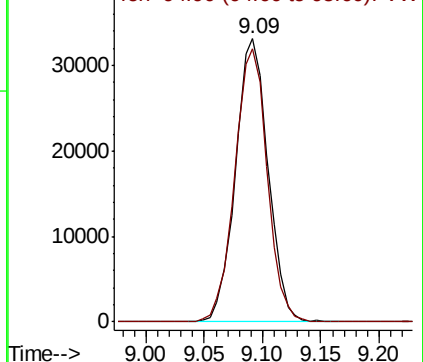
130 100

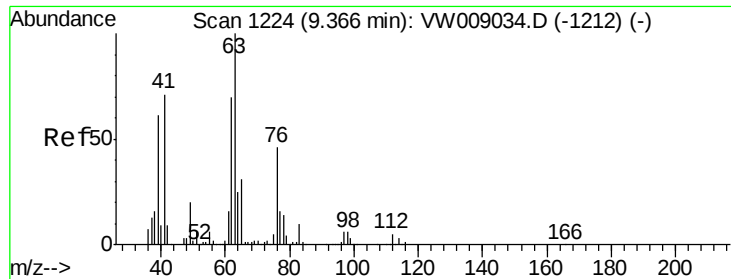
95 96.6 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

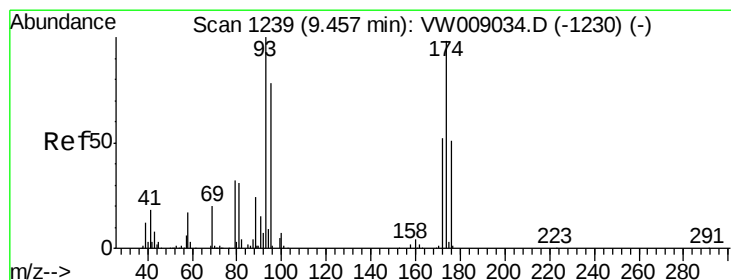
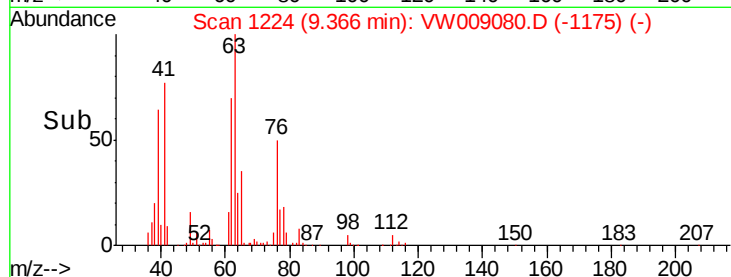
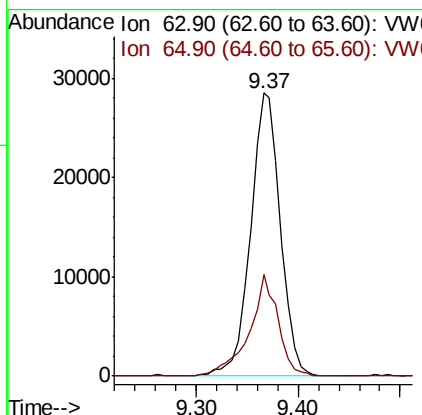
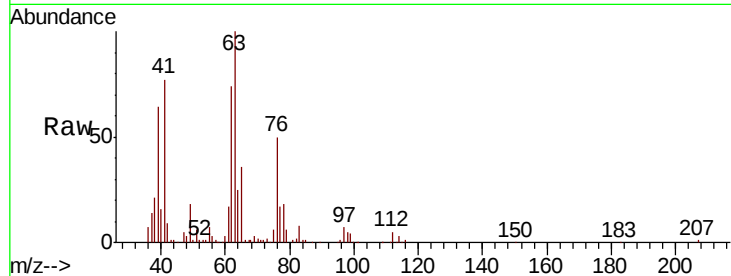




#45
 1,2-Dichloropropane
 Concen: 19.963 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

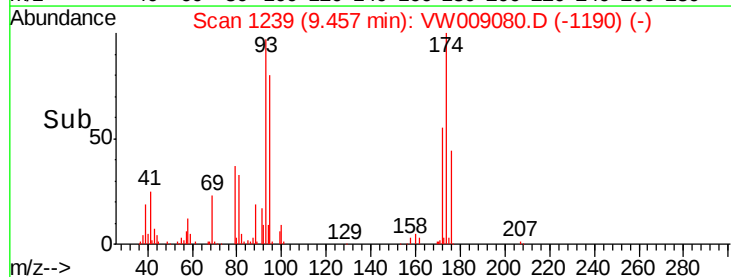
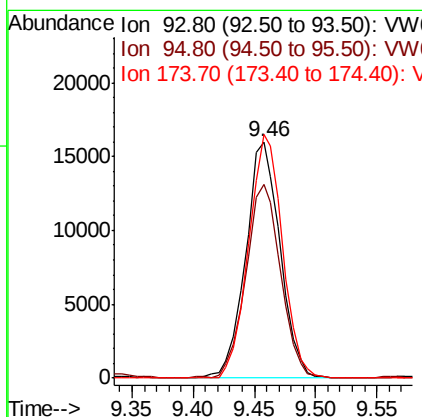
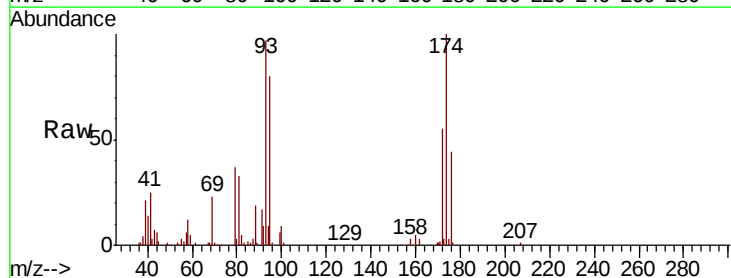
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

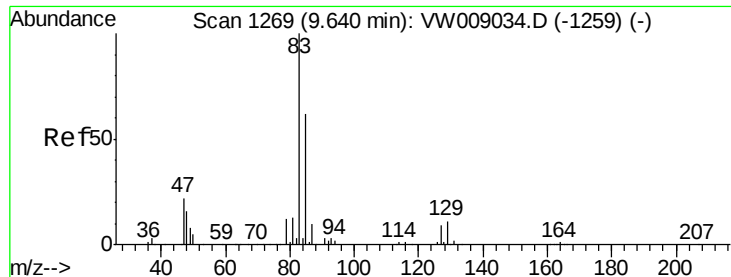
Tgt Ion: 63 Resp: 57956
 Ion Ratio Lower Upper
 63 100
 65 35.8 24.9 37.3



#46
 Dibromomethane
 Concen: 19.703 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 93 Resp: 31239
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.0 97.6
 174 101.6 81.8 122.6

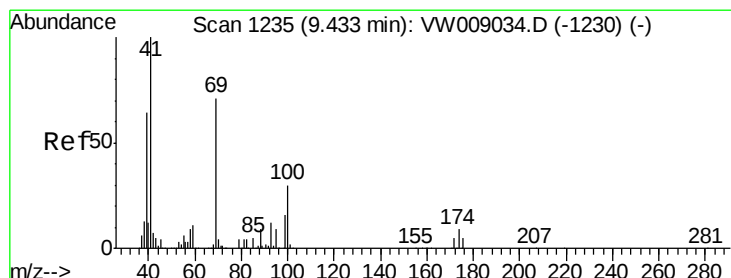
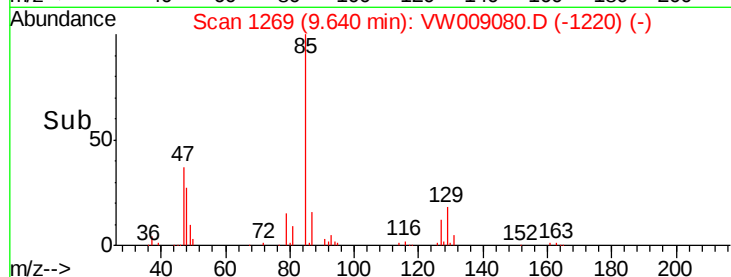
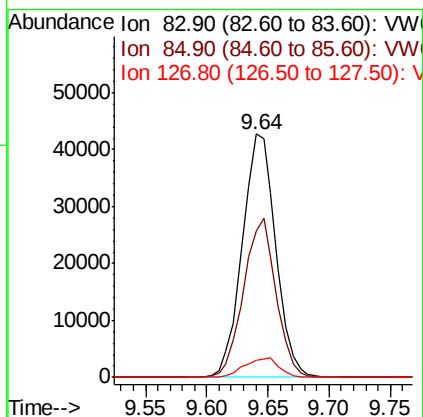
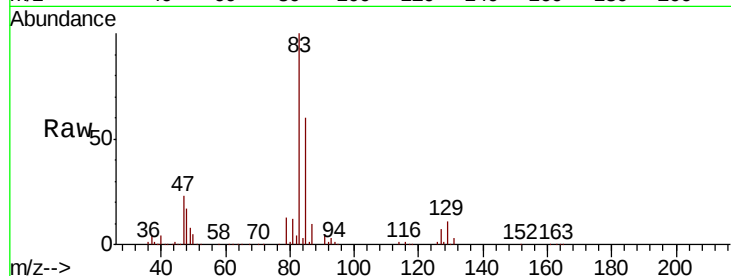




#47
 Bromodichloromethane
 Concen: 20.218 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

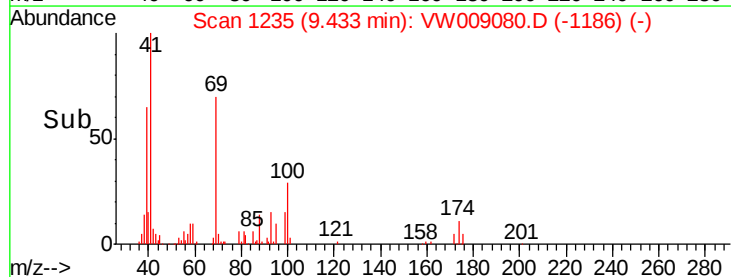
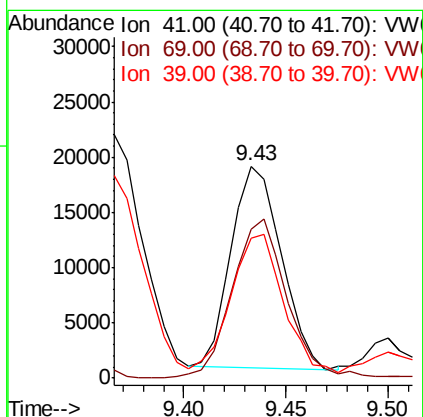
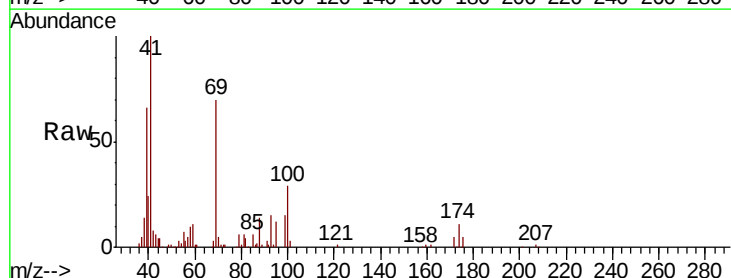
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

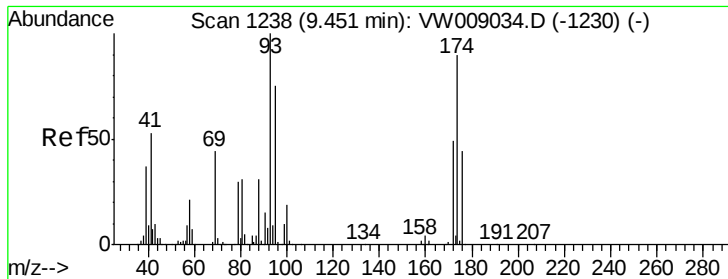
Tgt Ion: 83 Resp: 81145
 Ion Ratio Lower Upper
 83 100
 85 60.2 49.9 74.9
 127 7.3 7.1 10.7



#48
 Methyl methacrylate
 Concen: 17.801 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 41 Resp: 31487
 Ion Ratio Lower Upper
 41 100
 69 85.8 59.1 88.7
 39 69.8 48.9 73.3





#49

1,4-Dioxane

Concen: 406.749 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

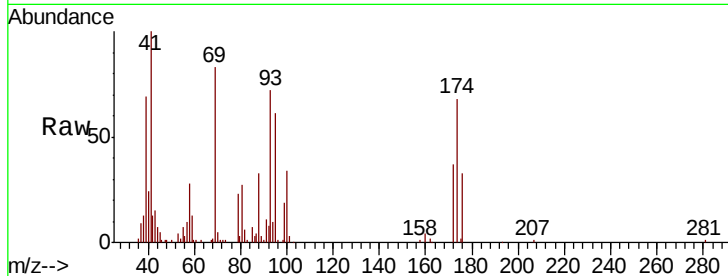
Tgt Ion: 88 Resp: 9235

Ion Ratio Lower Upper

88 100

43 44.7 29.0 43.4#

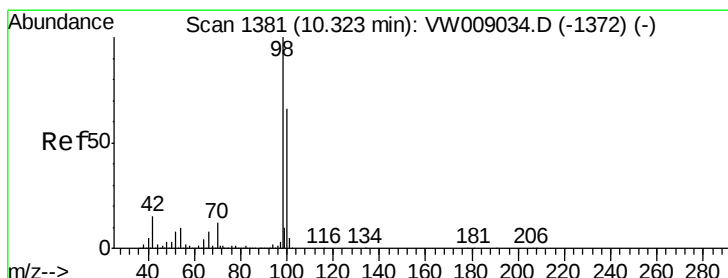
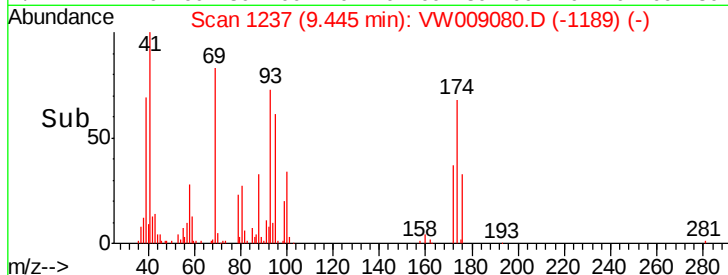
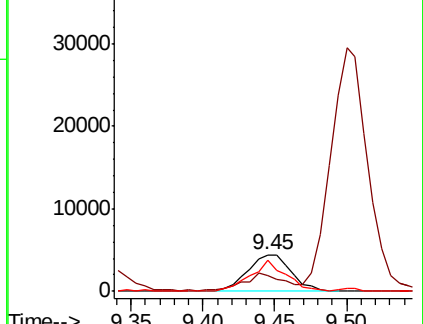
58 70.0 59.2 88.8



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: 48.832 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009080.D

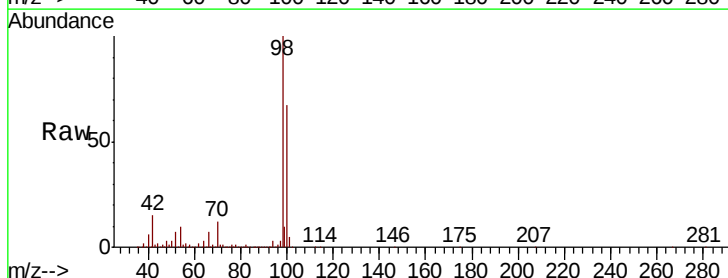
Acq: 11 Mar 2019 12:22

Tgt Ion: 98 Resp: 501473

Ion Ratio Lower Upper

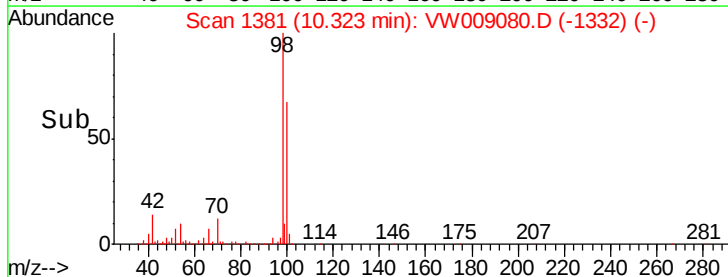
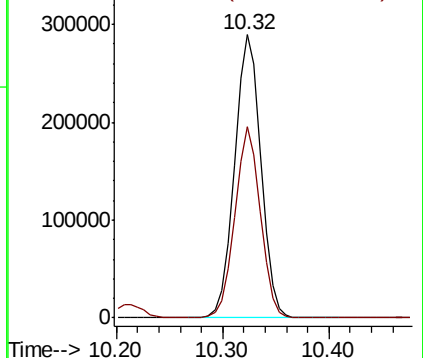
98 100

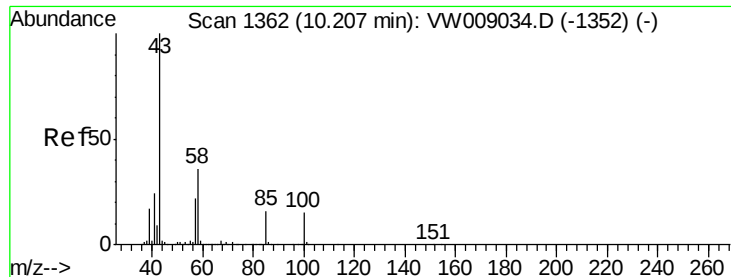
100 65.3 51.9 77.9



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: 96.031 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

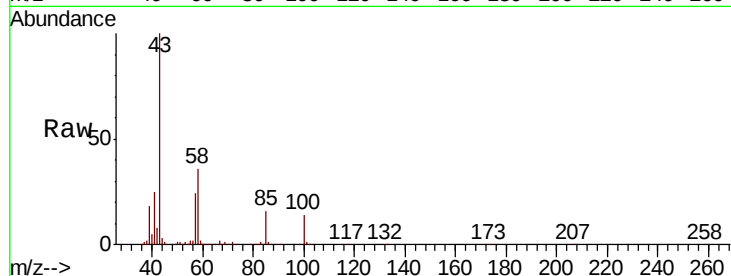
VW0311SBSD01

Tgt Ion: 43 Resp: 185195

Ion Ratio Lower Upper

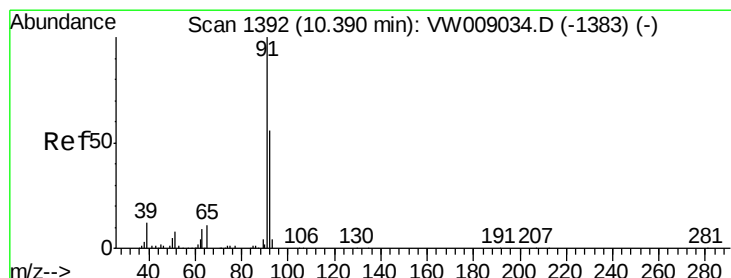
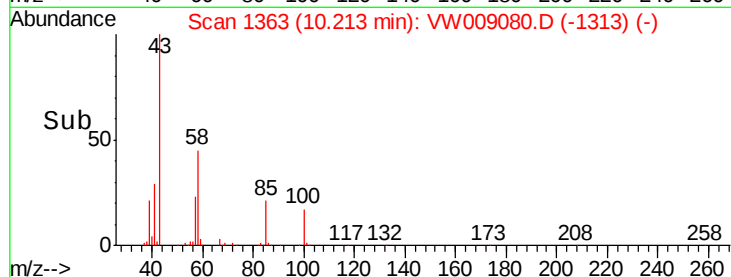
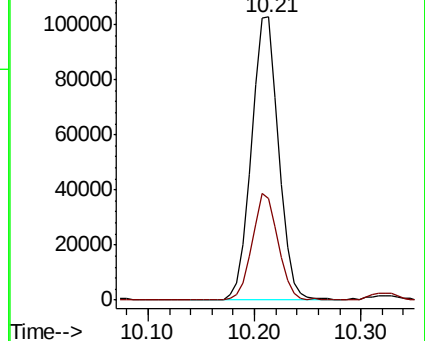
43 100

58 35.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.907 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009080.D

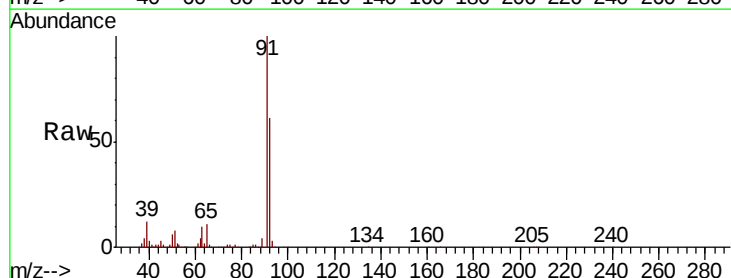
Acq: 11 Mar 2019 12:22

Tgt Ion: 92 Resp: 156495

Ion Ratio Lower Upper

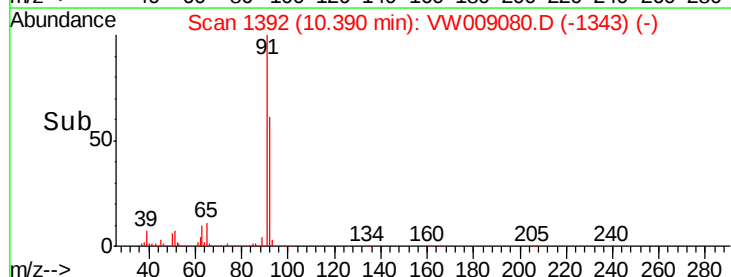
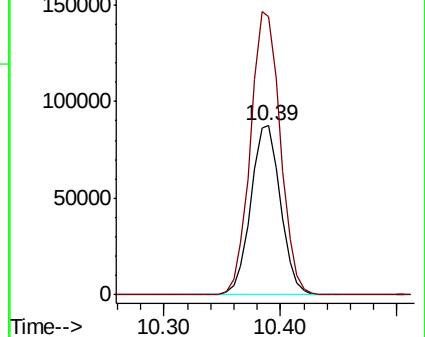
92 100

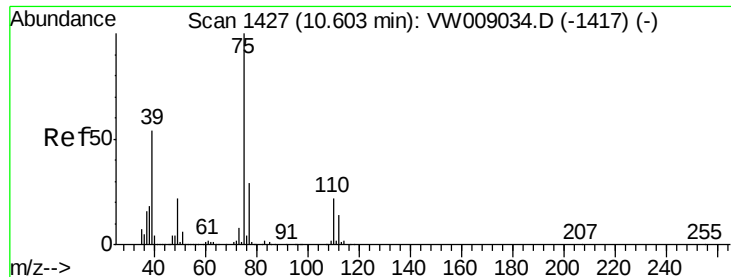
91 167.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.978 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

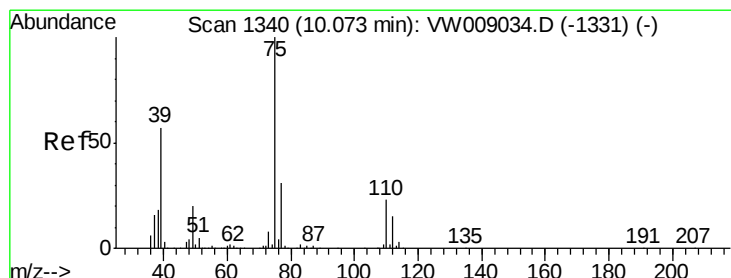
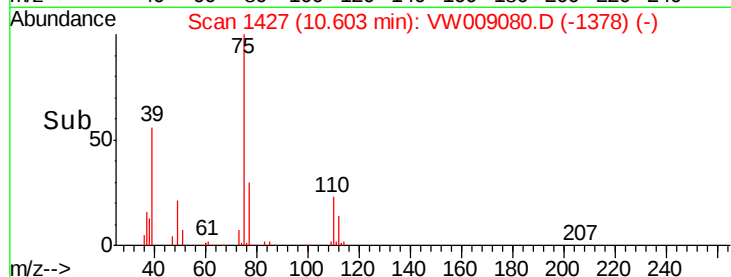
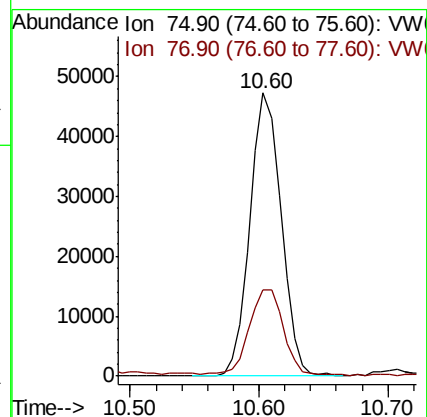
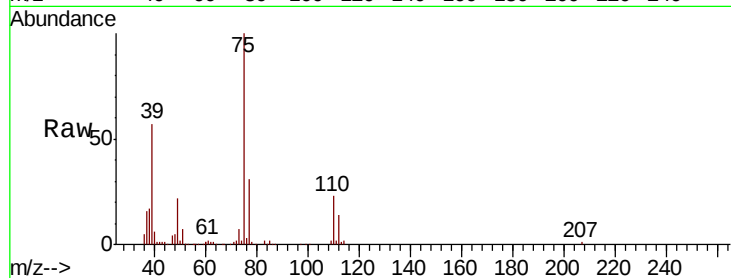
VW0311SBSD01

Tgt Ion: 75 Resp: 79302

Ion Ratio Lower Upper

75 100

77 30.0 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 19.995 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

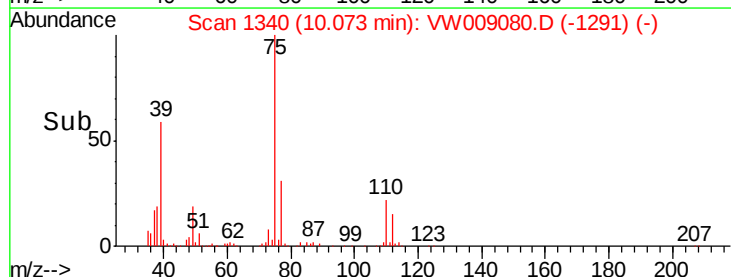
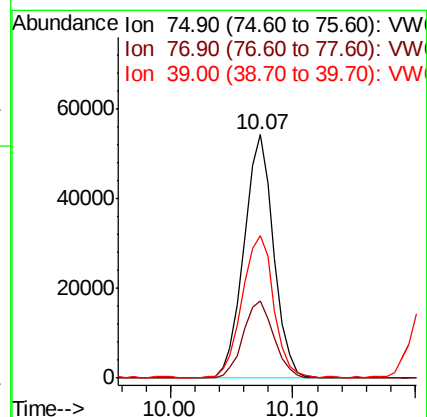
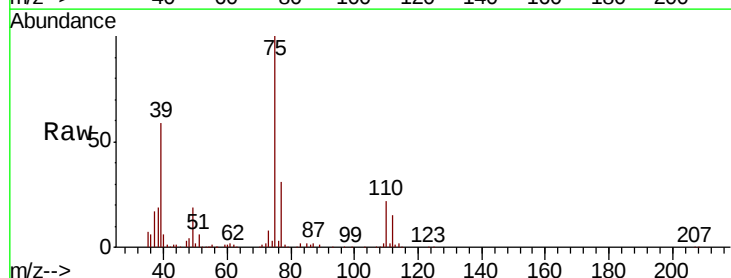
Tgt Ion: 75 Resp: 91211

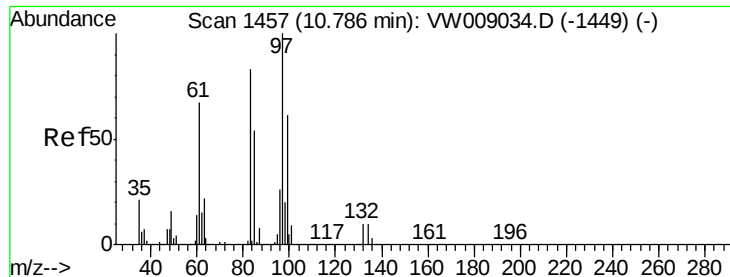
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 58.5 45.9 68.9

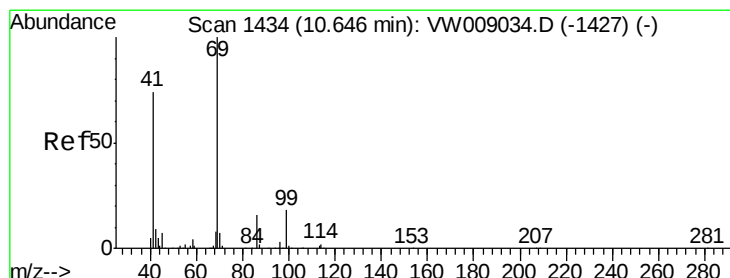
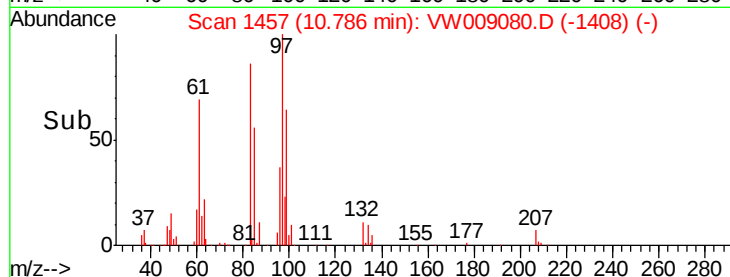
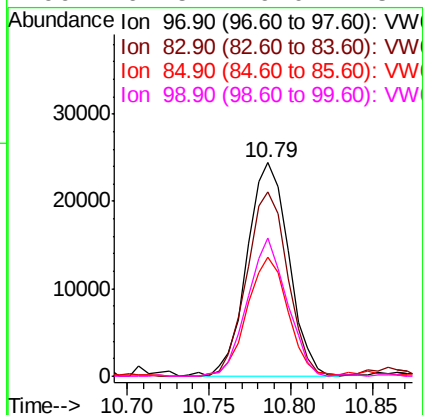
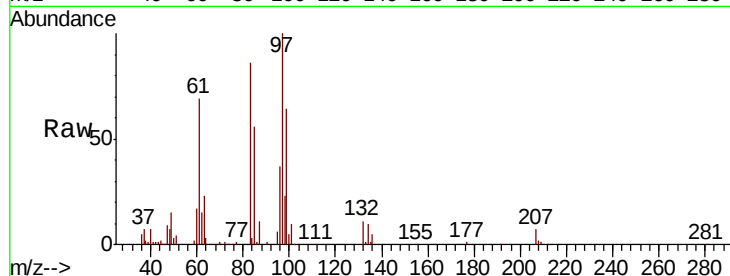




#55
 1,1,2-Trichloroethane
 Concen: 20.249 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

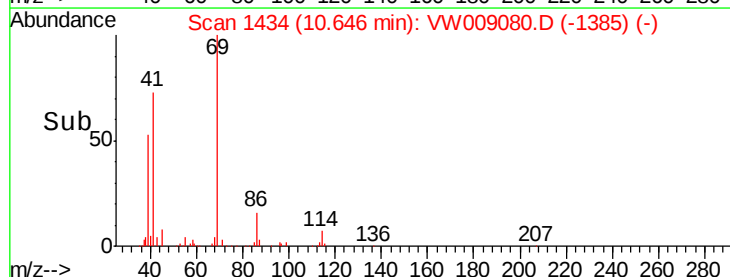
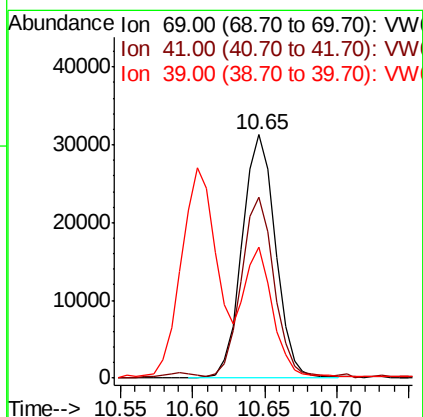
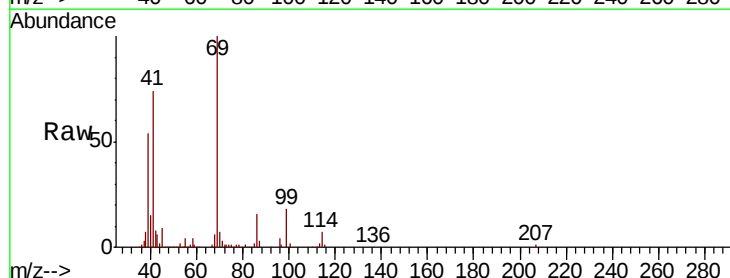
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

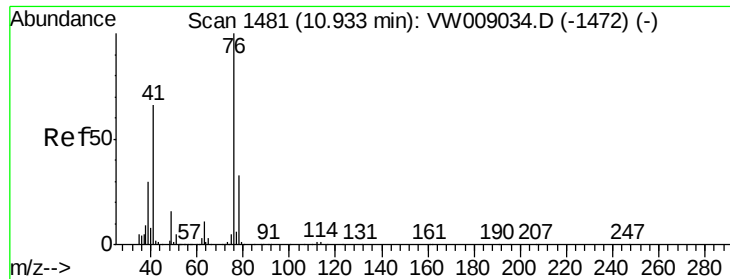
Tgt Ion:	97	Resp:	43515
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.2	99.2
85	55.6	43.6	65.4
99	64.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.863 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion:	69	Resp:	50308
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.4	89.2
39	46.0	38.5	57.7

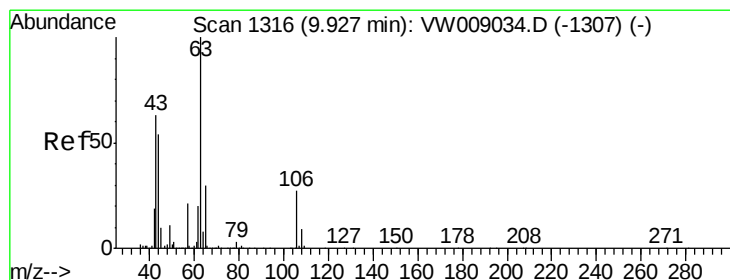
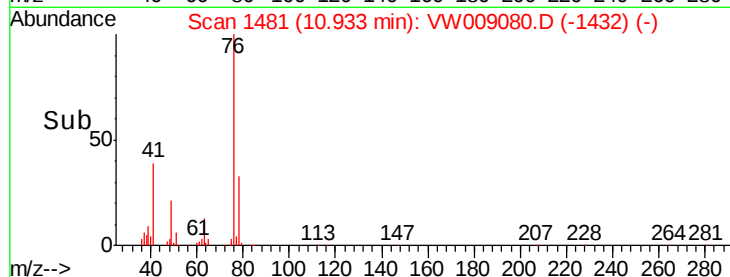
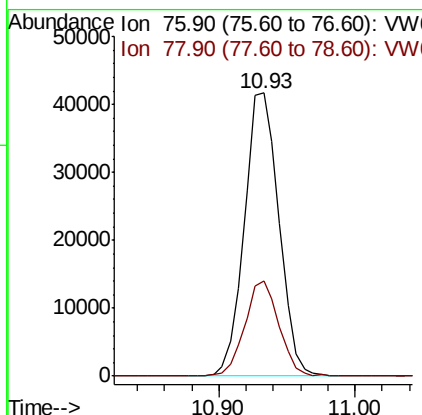
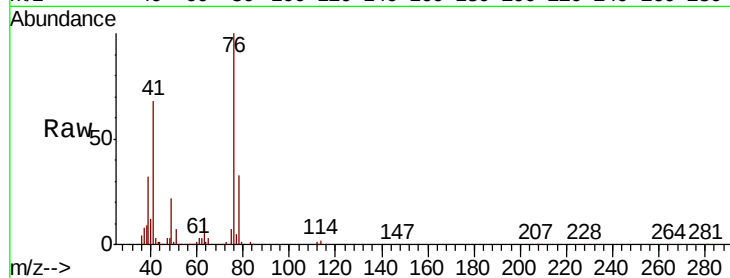




#57
 1,3-Dichloropropane
 Concen: 19.493 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

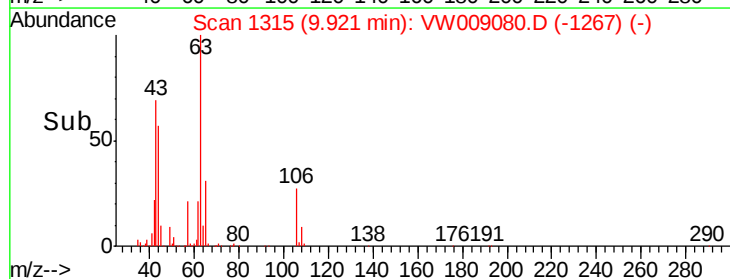
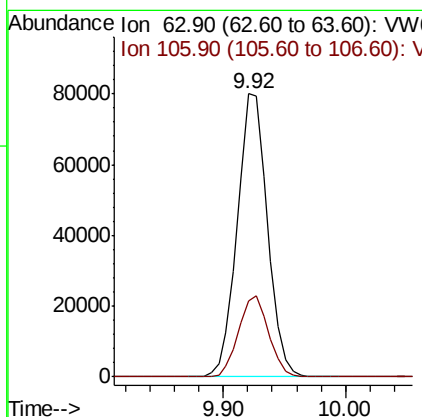
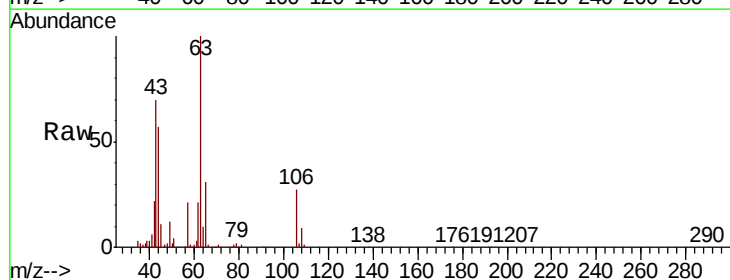
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

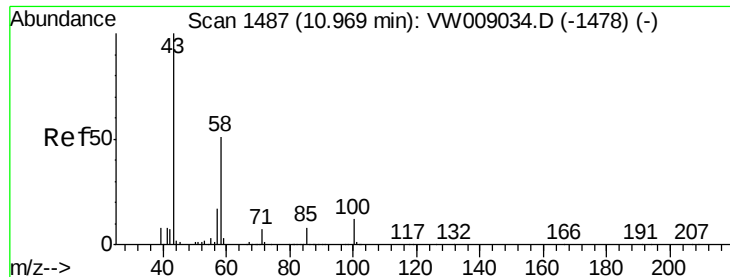
Tgt Ion: 76 Resp: 74210
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.995 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 63 Resp: 136874
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.0 34.6





#59

2-Hexanone

Concen: 98.975 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

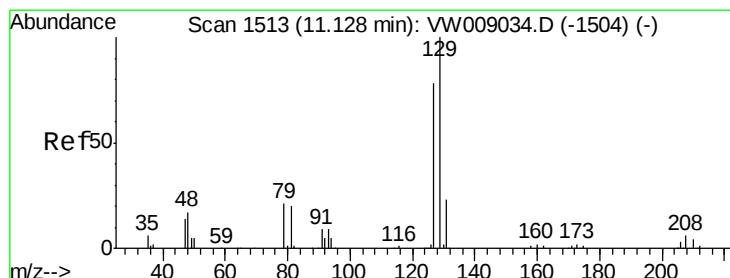
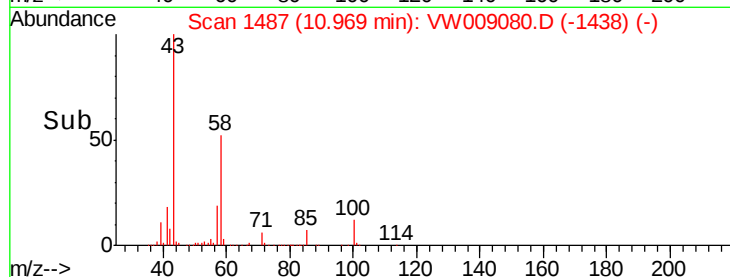
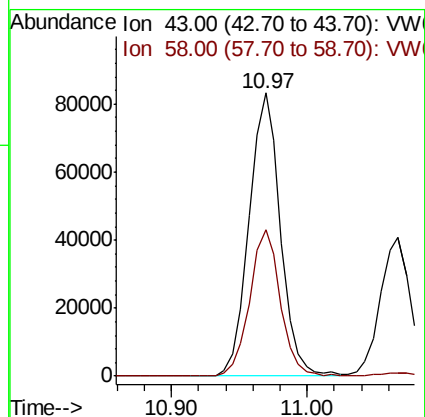
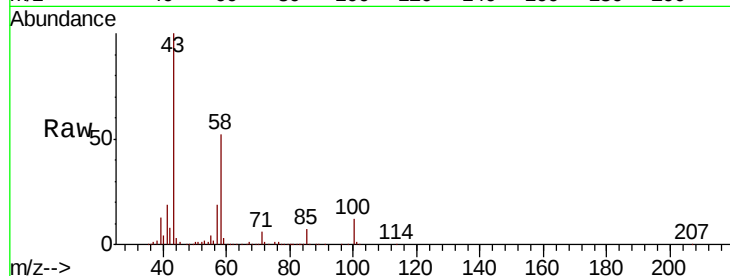
VW0311SBSD01

Tgt Ion: 43 Resp: 134200

Ion Ratio Lower Upper

43 100

58 50.8 25.3 75.9



#60

Dibromochloromethane

Concen: 19.711 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009080.D

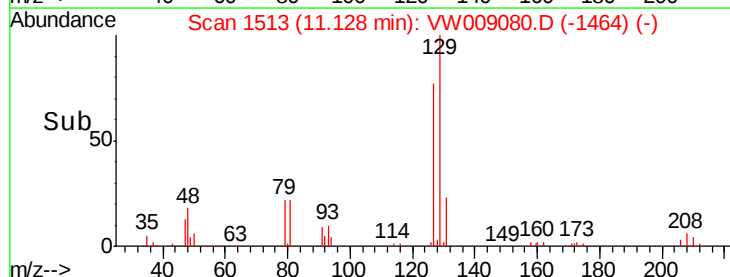
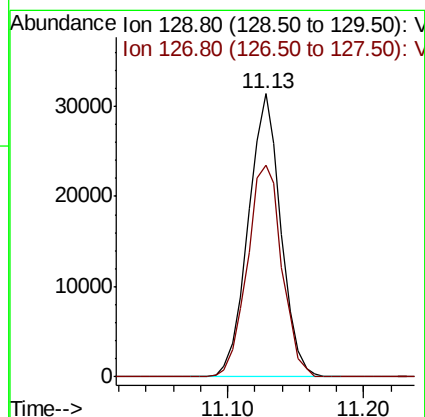
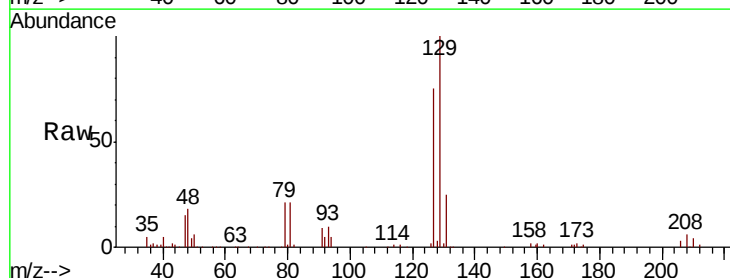
Acq: 11 Mar 2019 12:22

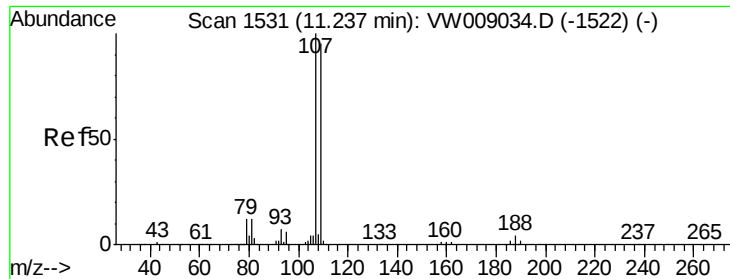
Tgt Ion: 129 Resp: 52421

Ion Ratio Lower Upper

129 100

127 79.9 38.4 115.1

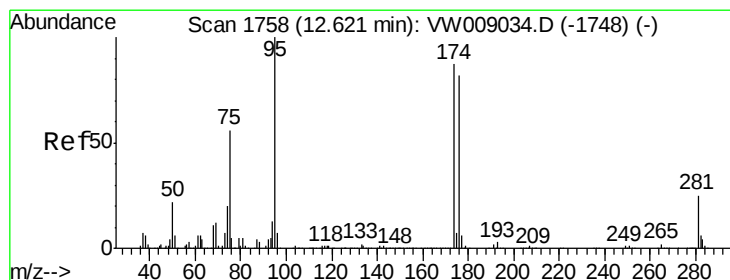
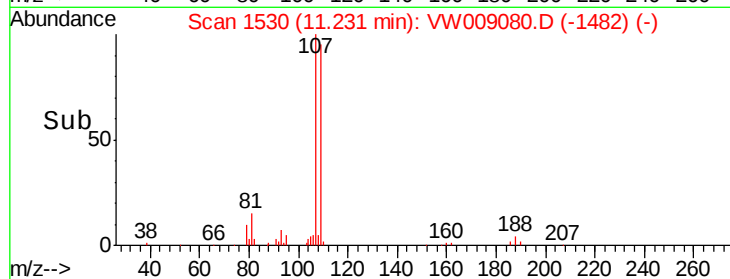
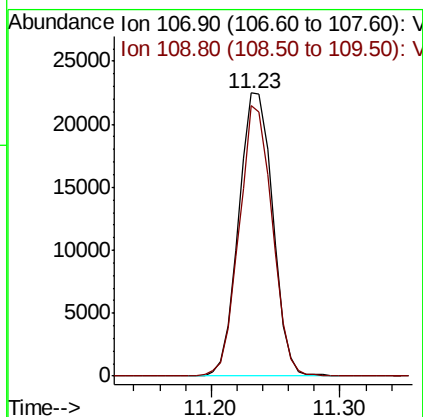
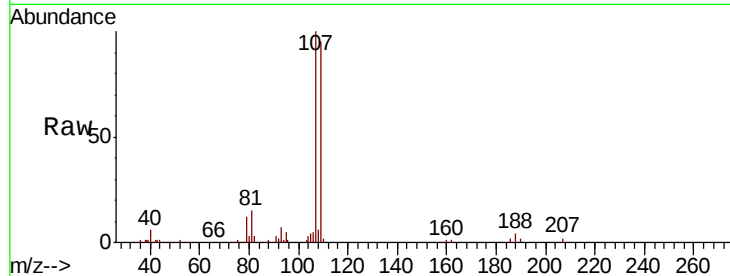




#61
 1,2-Dibromoethane
 Concen: 19.518 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

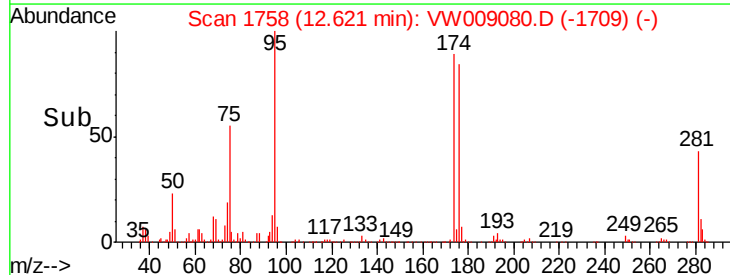
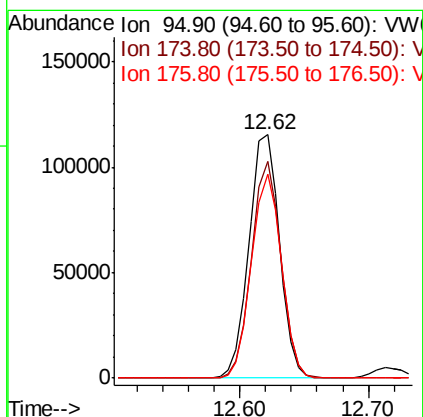
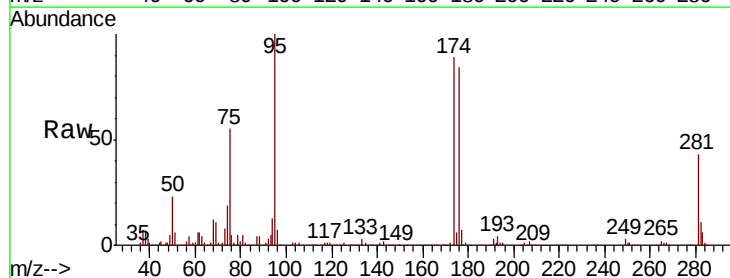
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

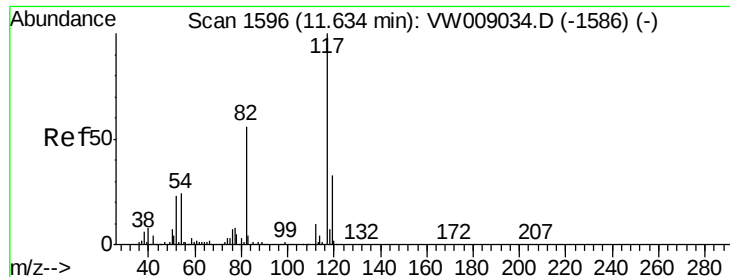
Tgt Ion: 107 Resp: 41119
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 46.463 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 95 Resp: 187833
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 167.0
 176 82.6 0.0 159.4

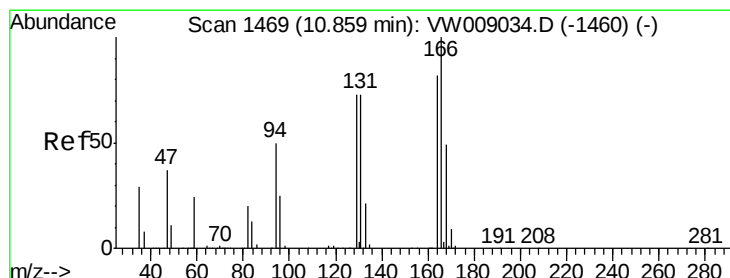
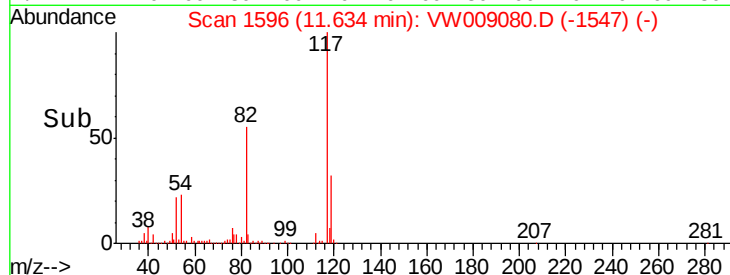
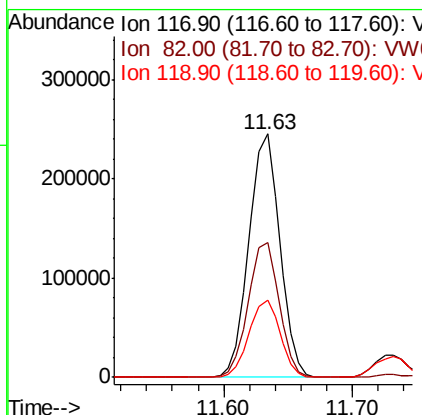
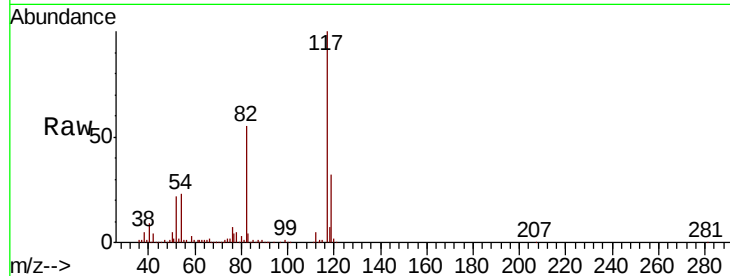




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

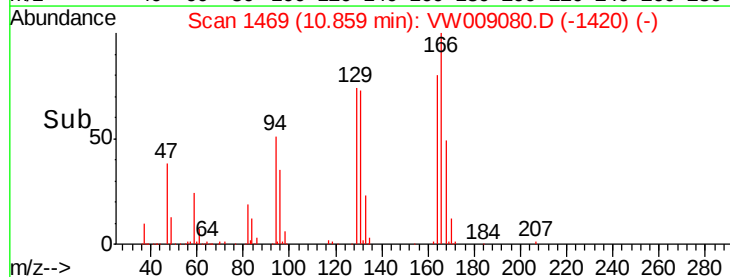
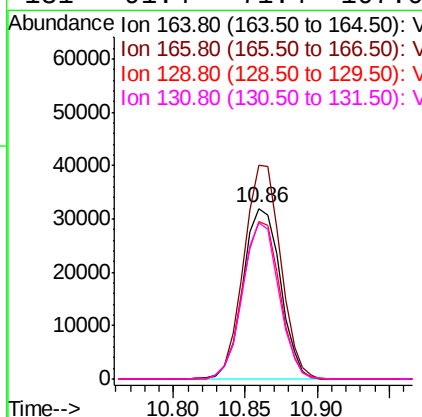
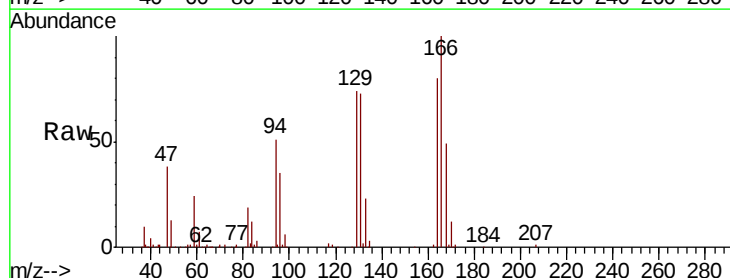
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

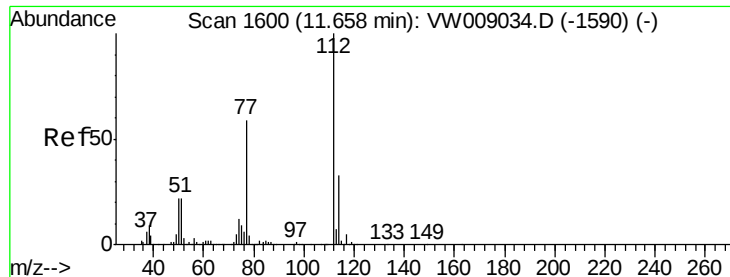
Tgt Ion:117 Resp: 406718
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 19.566 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion:164 Resp: 57389
Ion Ratio Lower Upper
164 100
166 125.3 97.8 146.6
129 92.2 71.6 107.4
131 91.4 71.4 107.0





#65

Chlorobenzene

Concen: 19.252 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

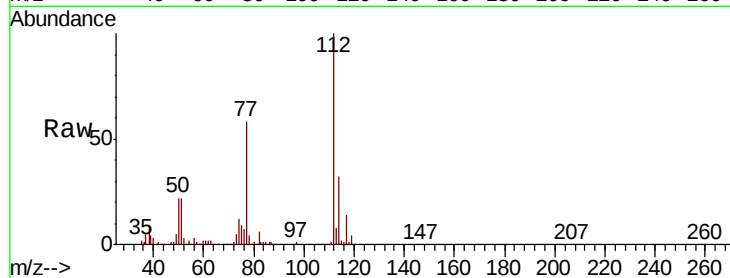
VW0311SBSD01

Tgt Ion:112 Resp: 170434

Ion Ratio Lower Upper

112 100

114 31.9 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

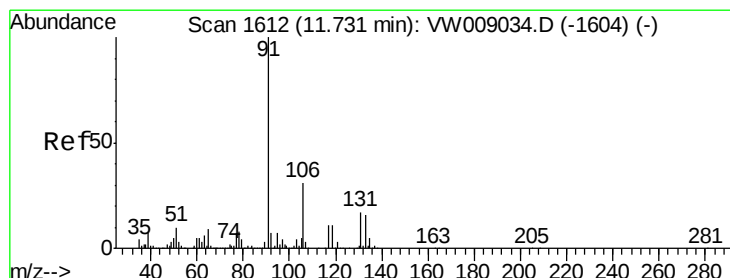
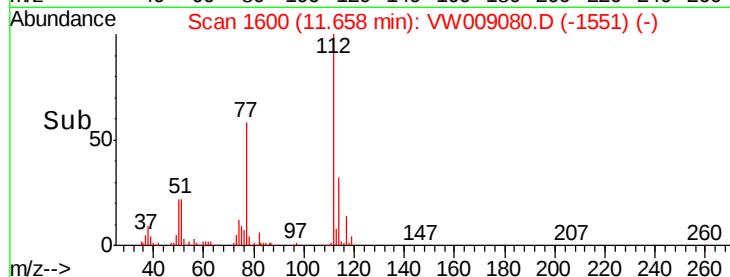
20000

0

11.66

11.60 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.431 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

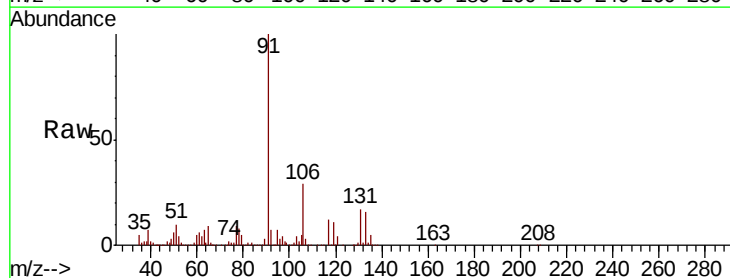
Tgt Ion:131 Resp: 57435

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.8

119 64.7 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

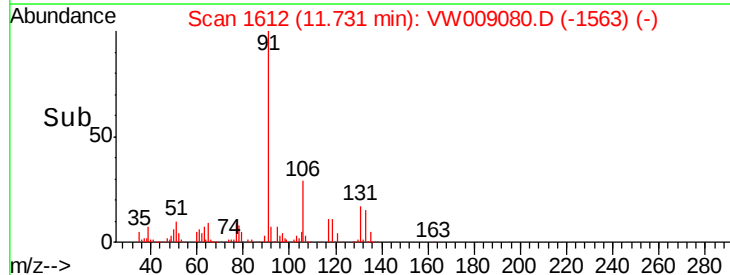
20000

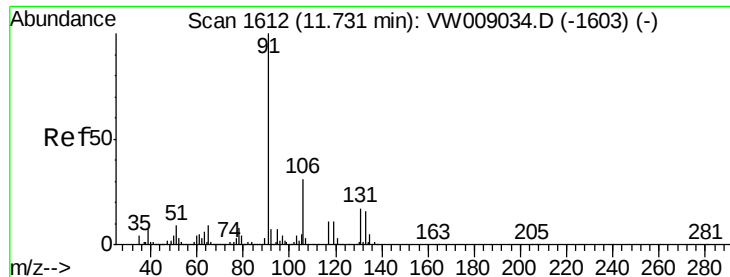
0

11.73

11.65 11.70 11.75 11.80

Time-->

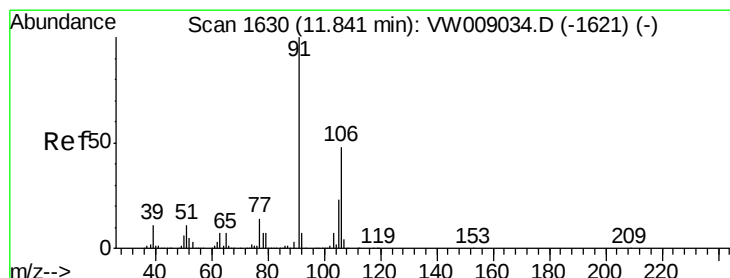
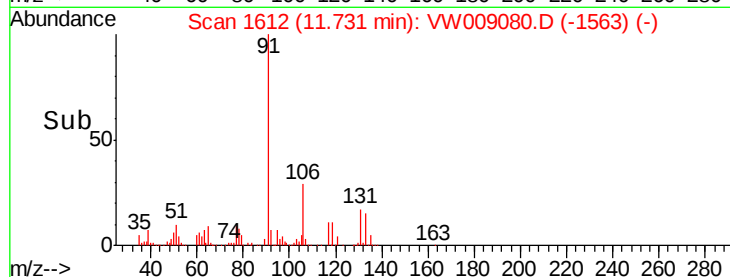
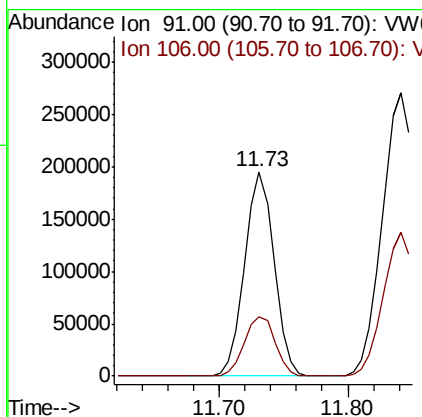
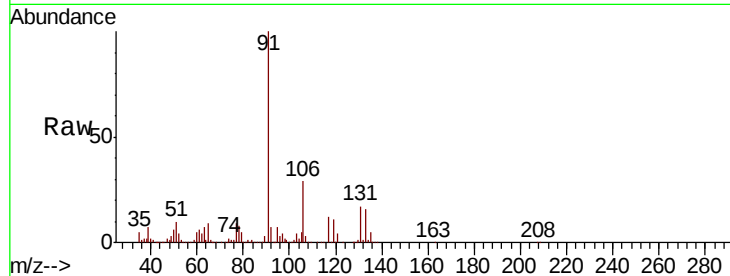




#67
Ethyl Benzene
Concen: 19.298 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

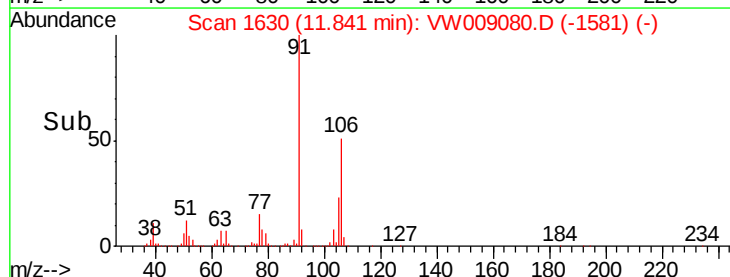
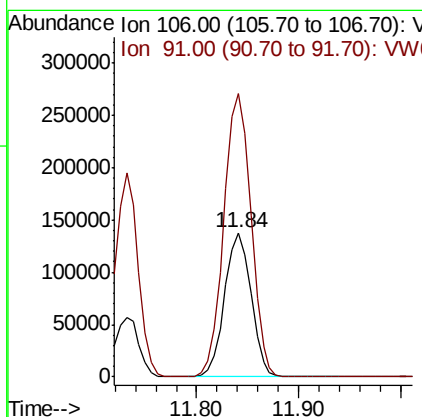
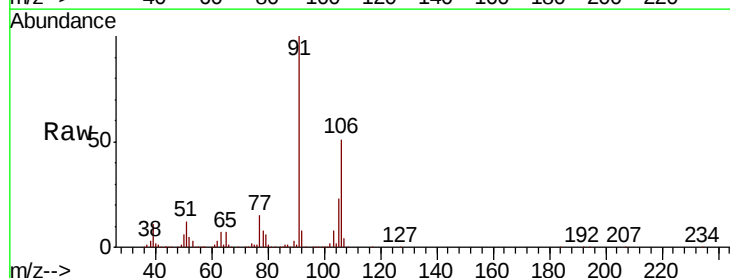
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

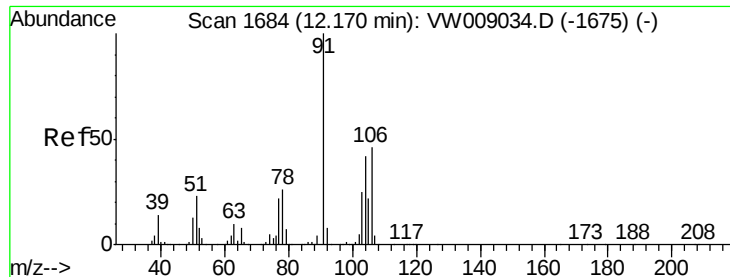
Tgt Ion: 91 Resp: 308622
Ion Ratio Lower Upper
91 100
106 28.9 25.0 37.4



#68
m/p-Xylenes
Concen: 39.336 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion: 106 Resp: 248313
Ion Ratio Lower Upper
106 100
91 201.5 163.2 244.8

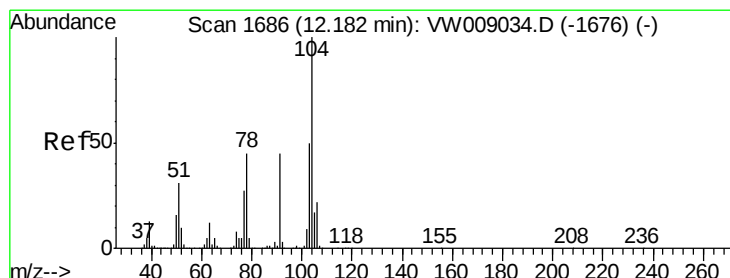
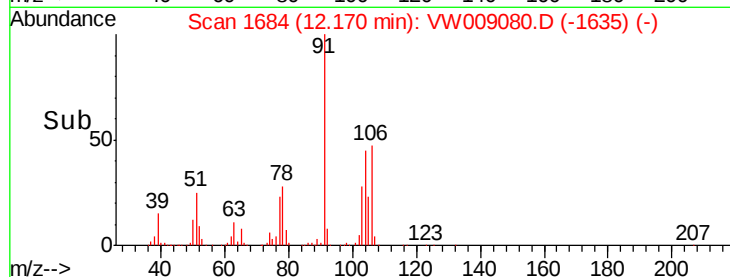
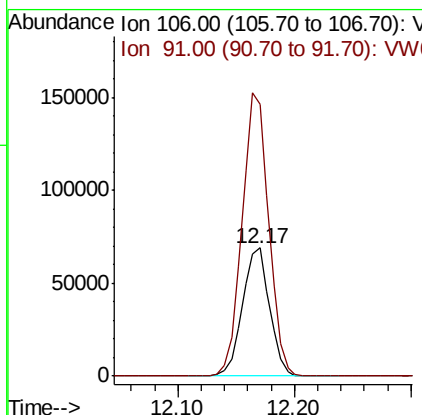
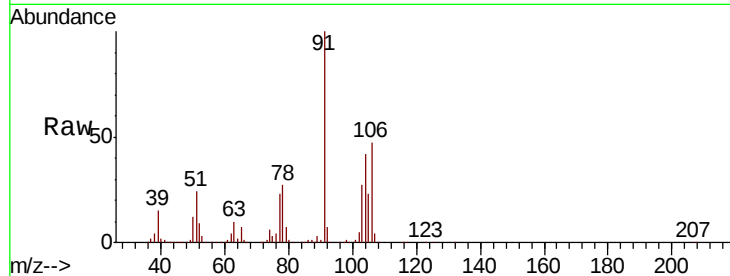




#69
o-Xylene
Concen: 19.039 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

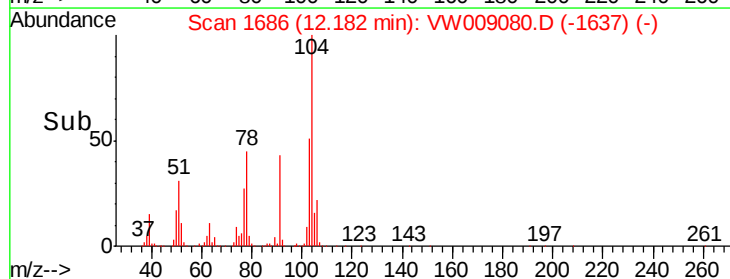
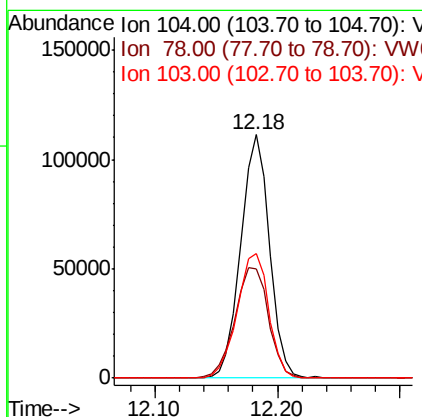
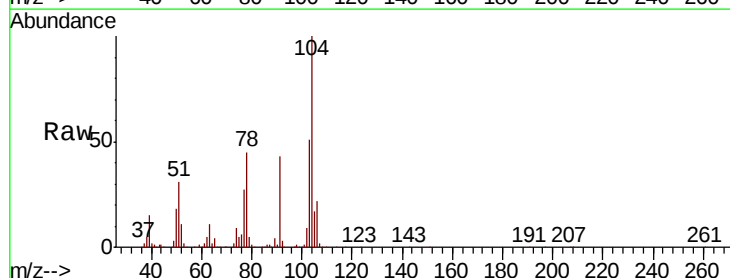
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

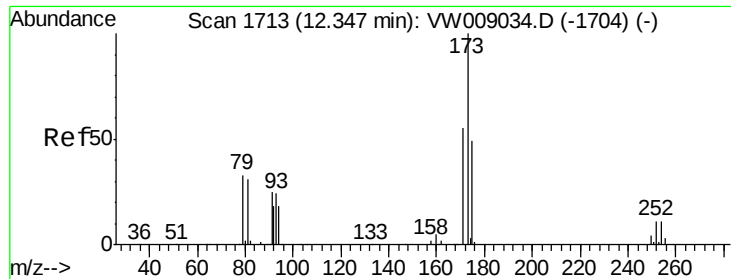
Tgt Ion:106 Resp: 111827
Ion Ratio Lower Upper
106 100
91 217.9 108.6 325.6



#70
Styrene
Concen: 19.089 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion:104 Resp: 181406
Ion Ratio Lower Upper
104 100
78 53.3 42.1 63.1
103 56.6 43.9 65.9





#71

Bromoform

Concen: 19.731 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

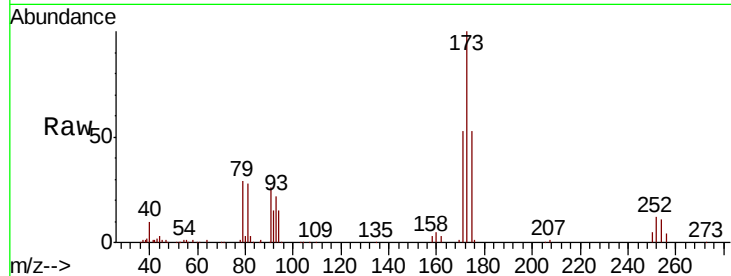
Tgt Ion:173 Resp: 31315

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

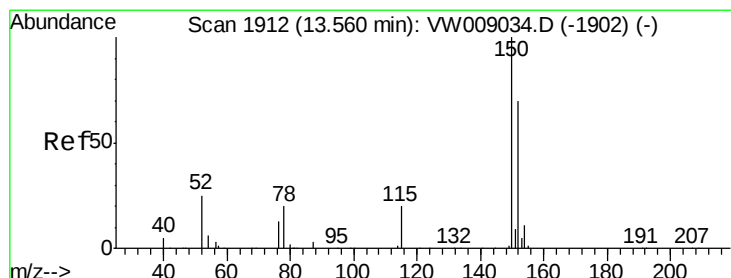
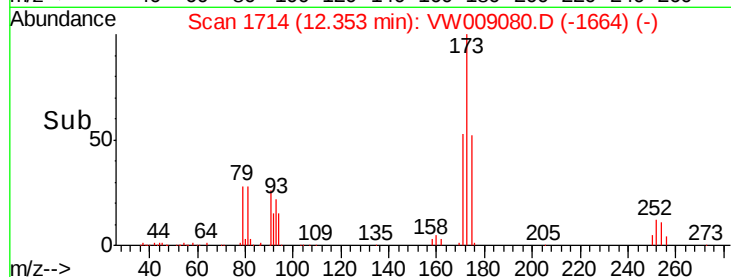
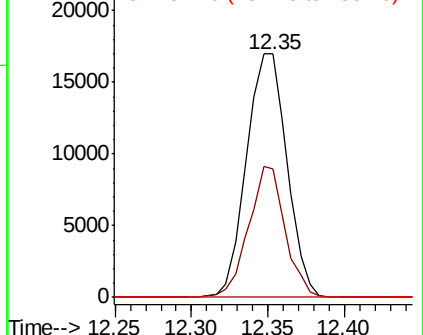
254 0.0 0.0 0.0



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

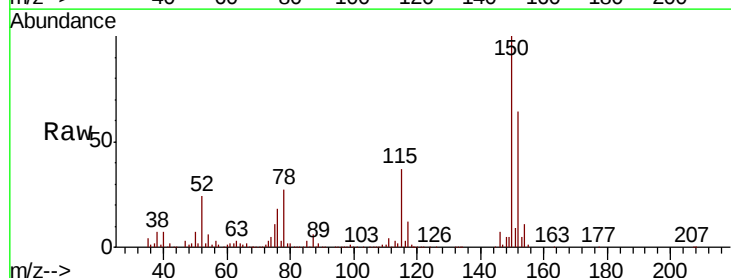
Tgt Ion:152 Resp: 231604

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

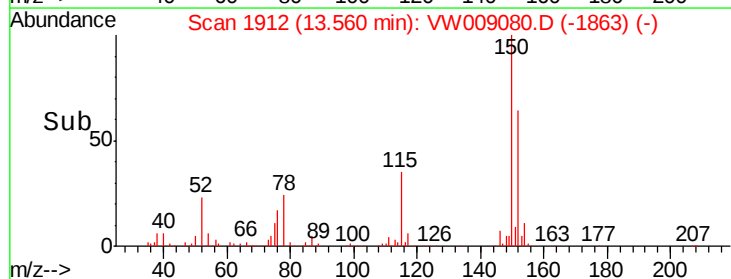
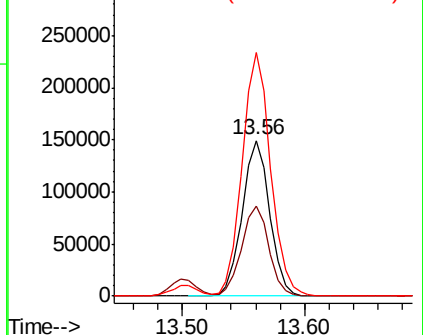
150 162.5 0.0 349.2

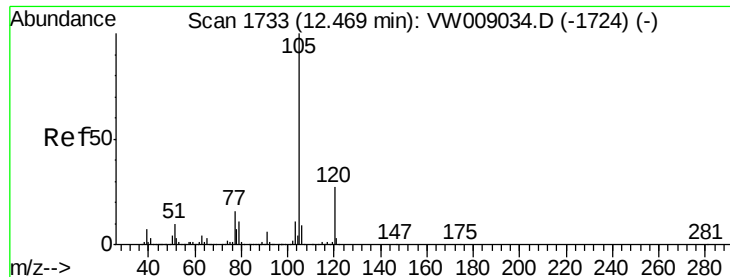


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.907 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

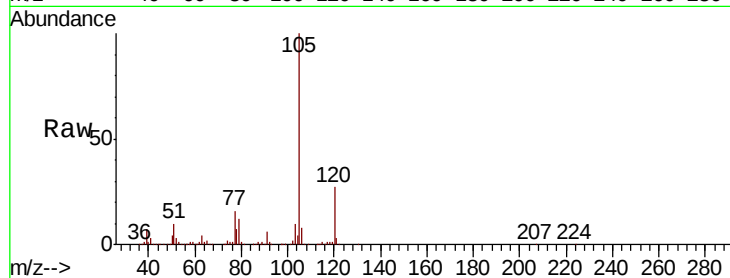
VW0311SBSD01

Tgt Ion: 105 Resp: 313580

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

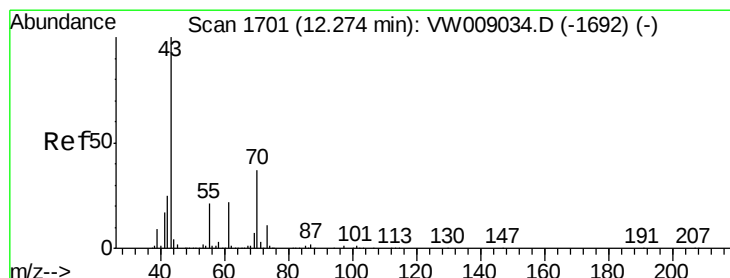
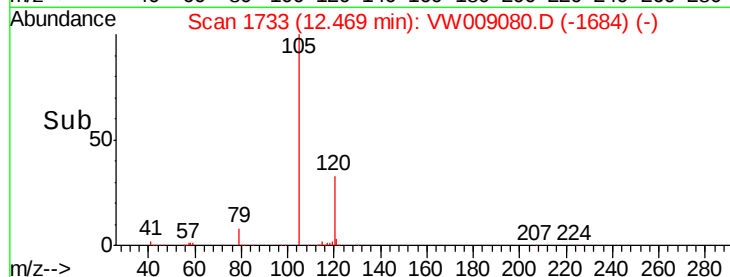
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 18.649 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Tgt Ion: 43 Resp: 73220

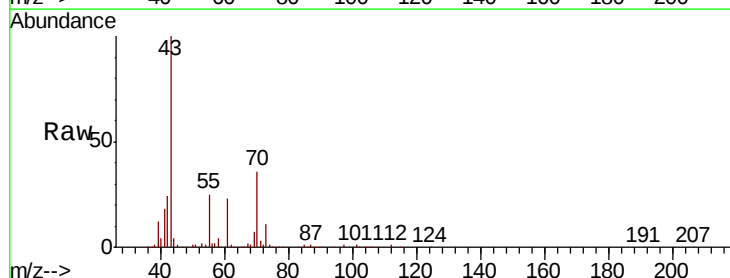
Ion Ratio Lower Upper

43 100

70 38.8 30.8 46.2

55 25.9 17.8 26.8

61 23.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

40000

20000

0

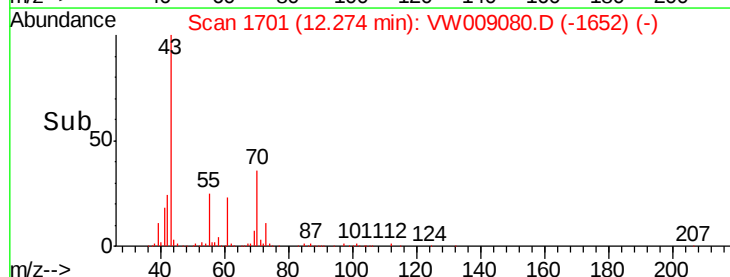
12.27

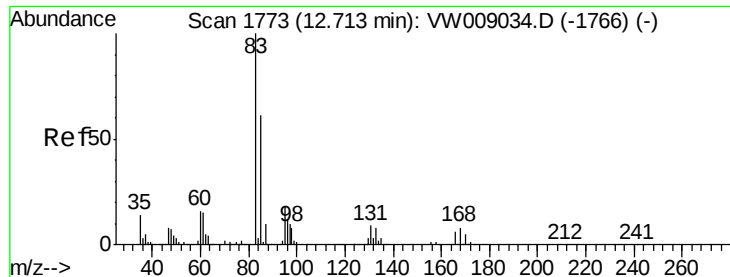
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.073 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

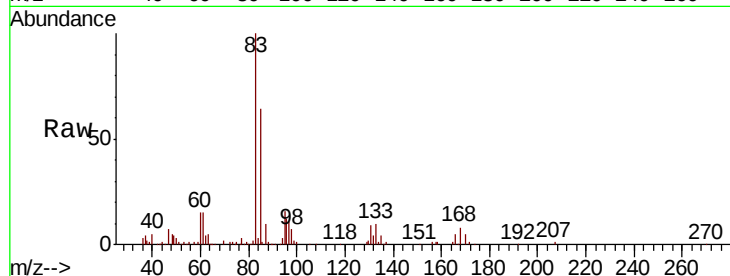
Tgt Ion: 83 Resp: 49900

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

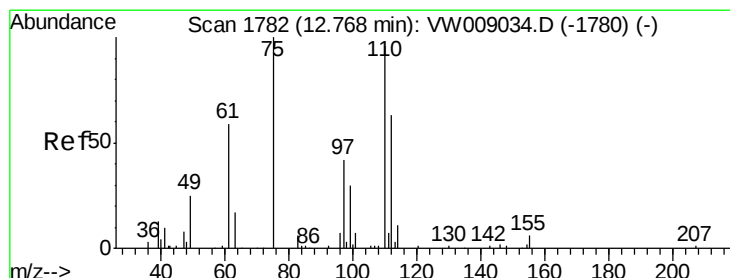
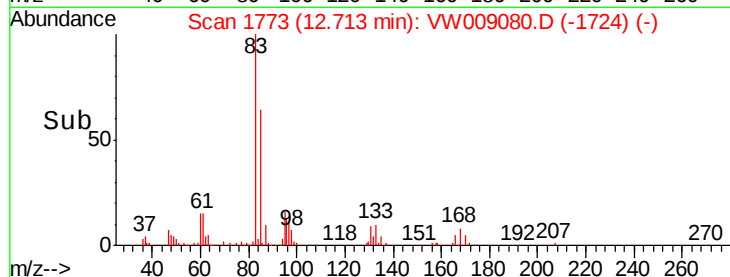
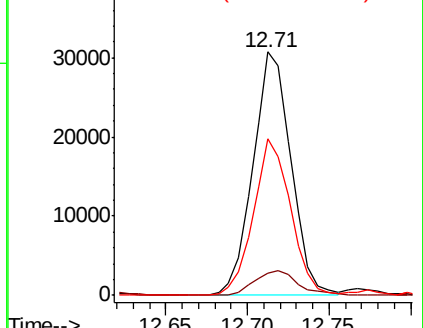
85 62.8 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.810 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009080.D

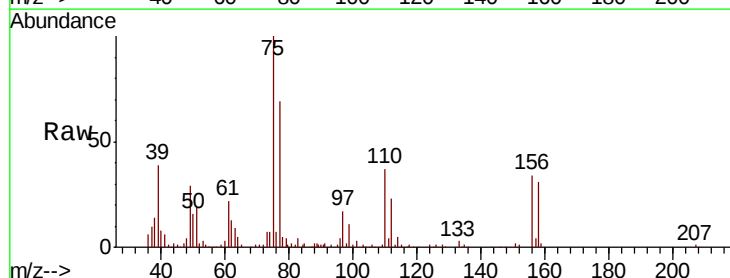
Acq: 11 Mar 2019 12:22

Tgt Ion: 75 Resp: 69187

Ion Ratio Lower Upper

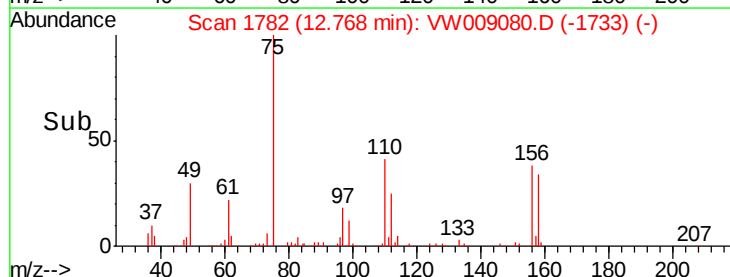
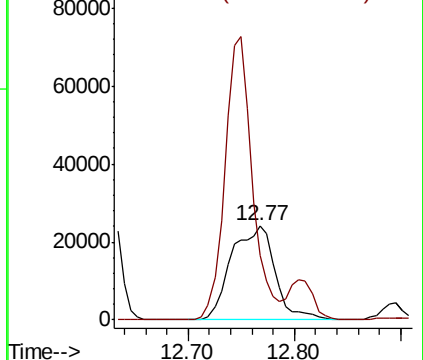
75 100

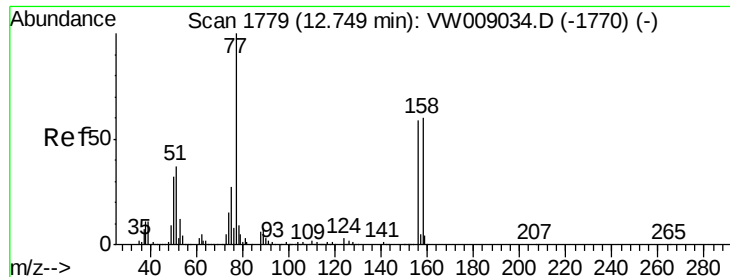
77 189.4 186.7 560.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.401 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

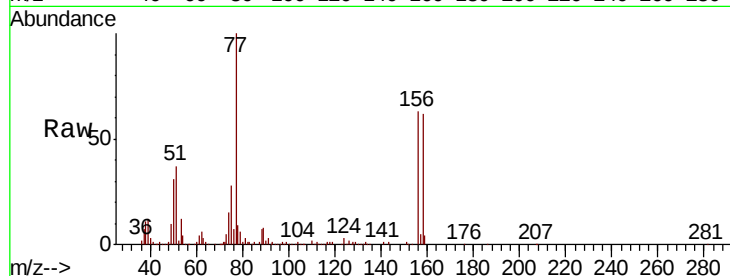
Tgt Ion:156 Resp: 73520

Ion Ratio Lower Upper

156 100

77 178.3 93.0 279.2

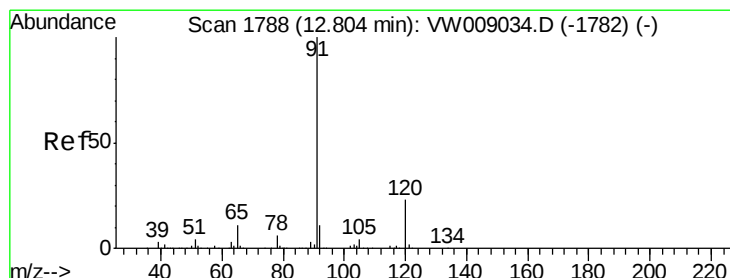
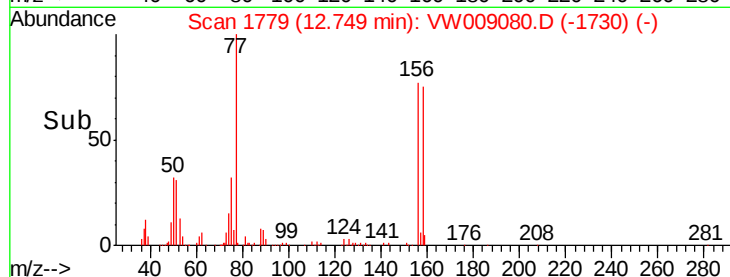
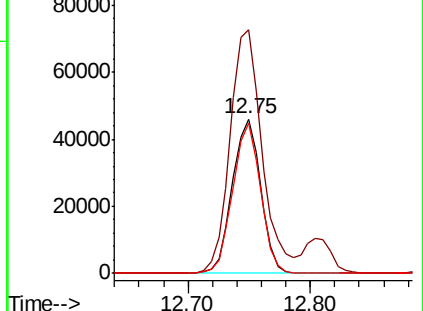
158 95.3 50.0 149.8



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: 19.340 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009080.D

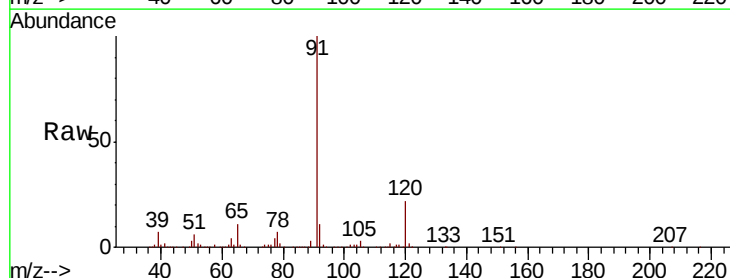
Acq: 11 Mar 2019 12:22

Tgt Ion: 91 Resp: 395103

Ion Ratio Lower Upper

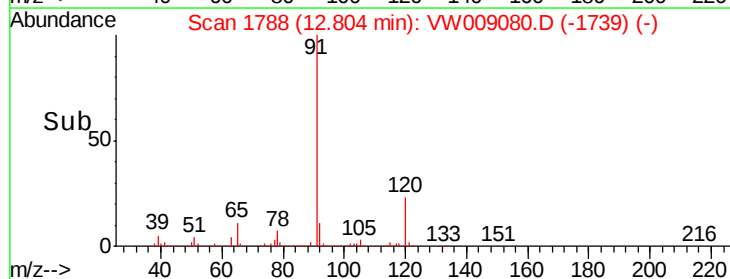
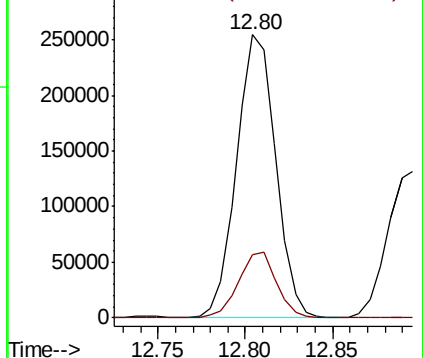
91 100

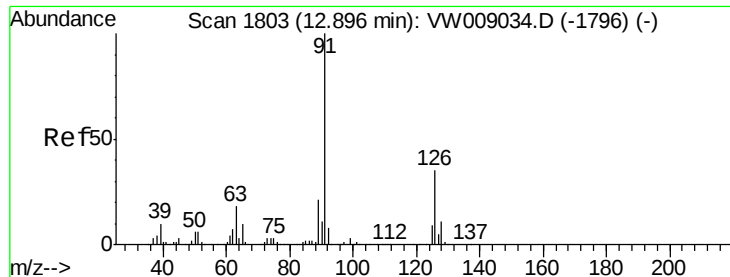
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

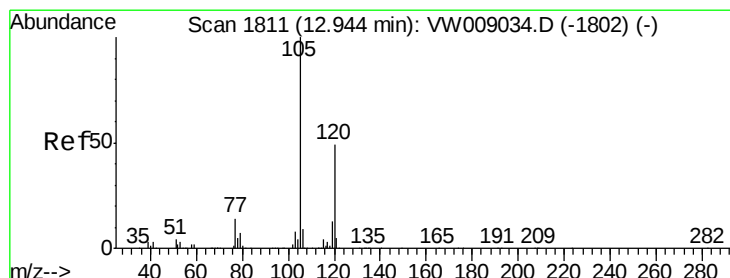
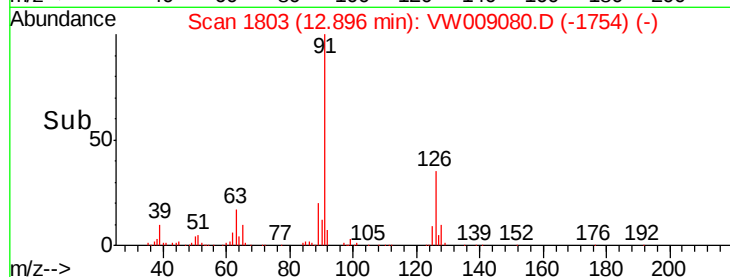
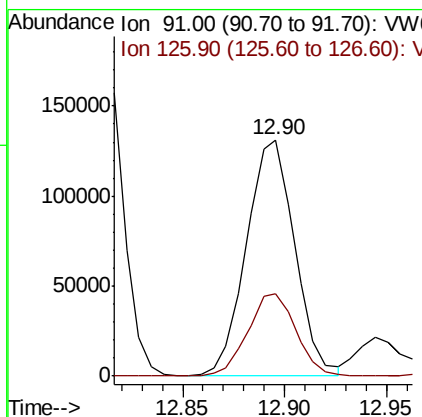
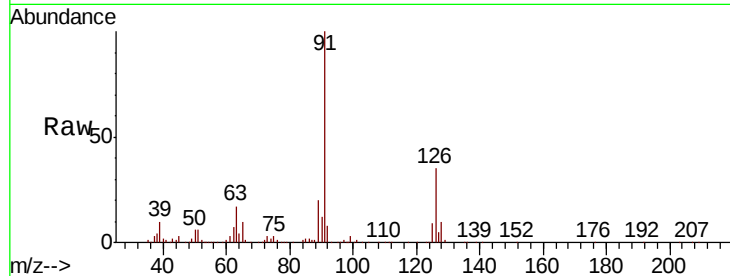




#79
 2-Chlorotoluene
 Concen: 18.836 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

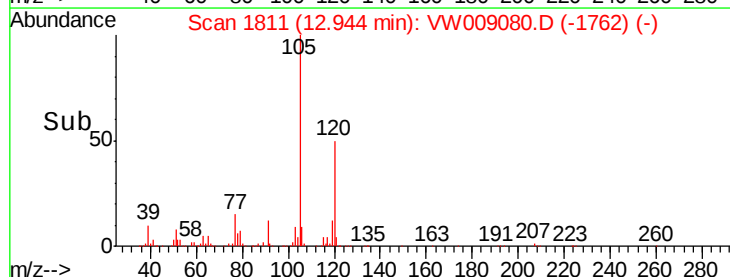
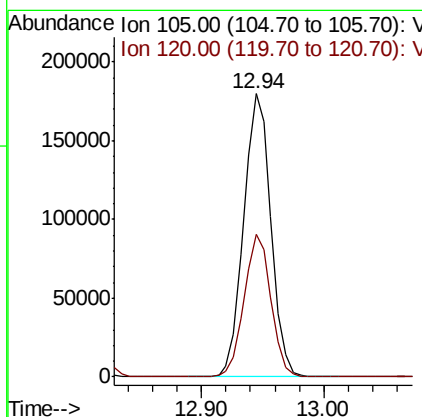
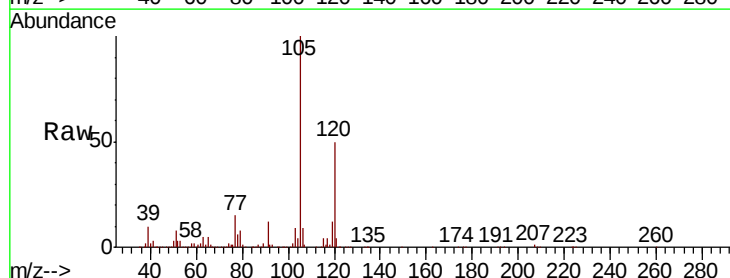
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

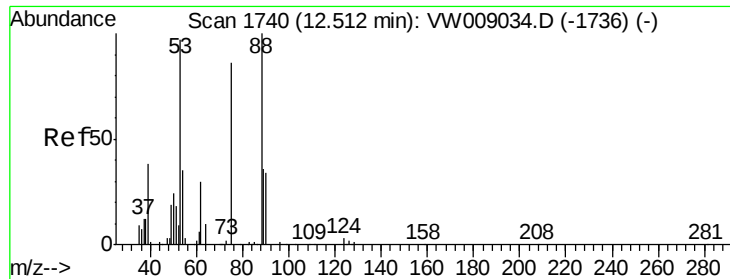
Tgt Ion: 91 Resp: 216195
 Ion Ratio Lower Upper
 91 100
 126 34.9 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.308 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion: 105 Resp: 276035
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.151 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

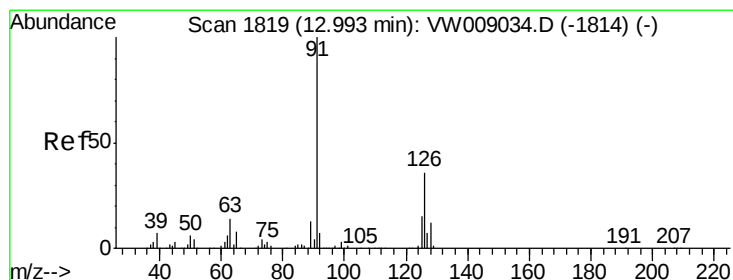
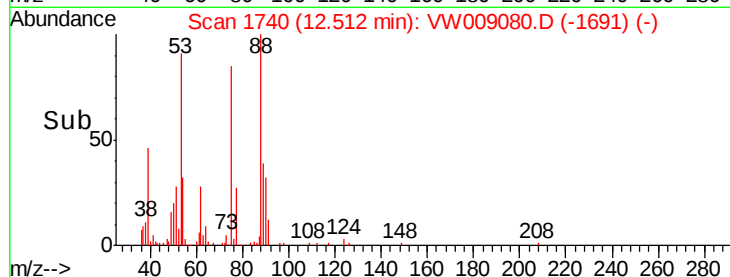
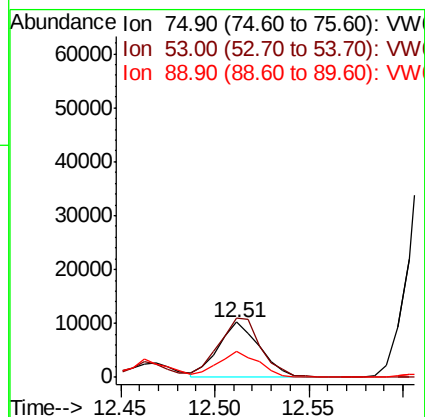
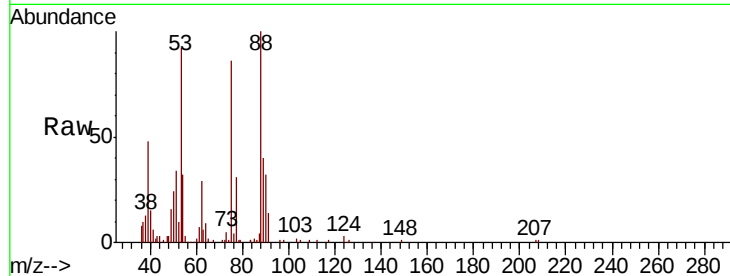
Tgt Ion: 75 Resp: 15667

Ion Ratio Lower Upper

75 100

53 109.1 90.5 135.7

89 46.6 37.5 56.3



#82

4-Chlorotoluene

Concen: 19.145 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW009080.D

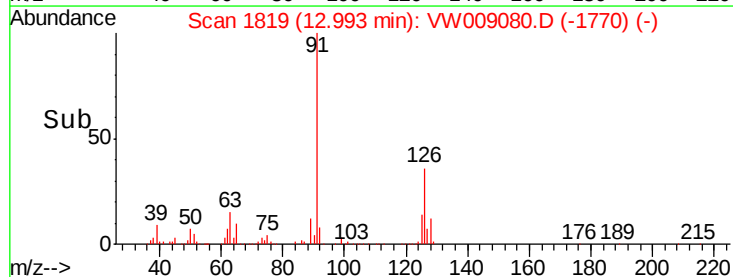
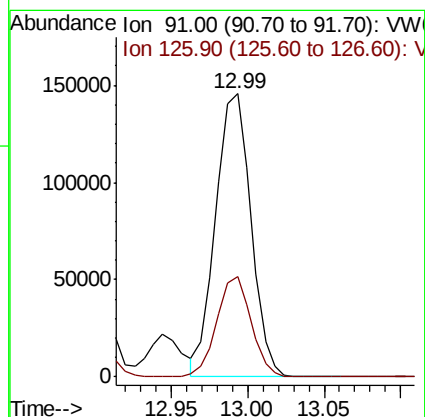
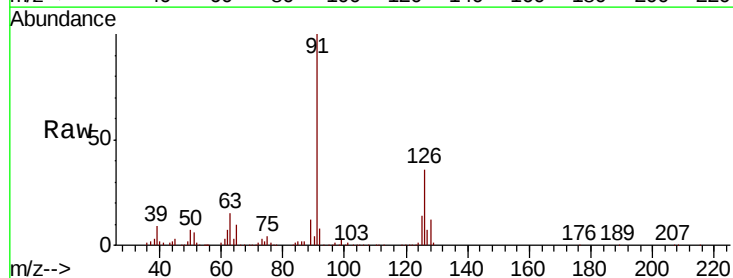
Acq: 11 Mar 2019 12:22

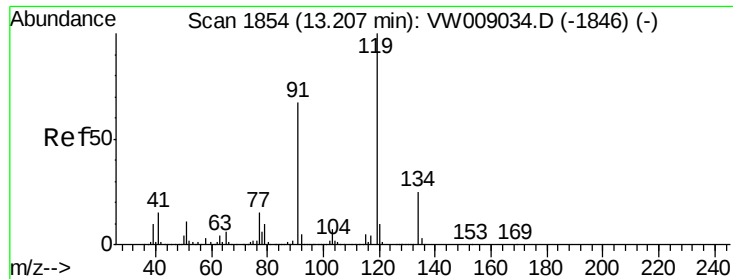
Tgt Ion: 91 Resp: 234240

Ion Ratio Lower Upper

91 100

126 34.5 16.6 49.8

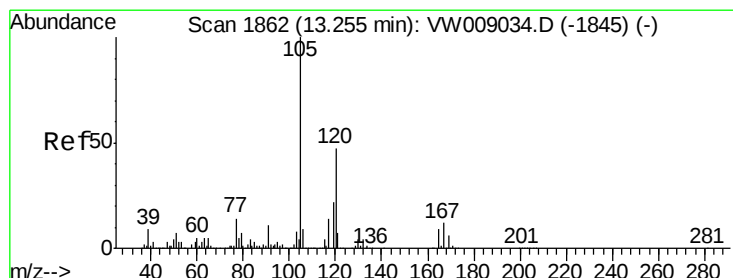
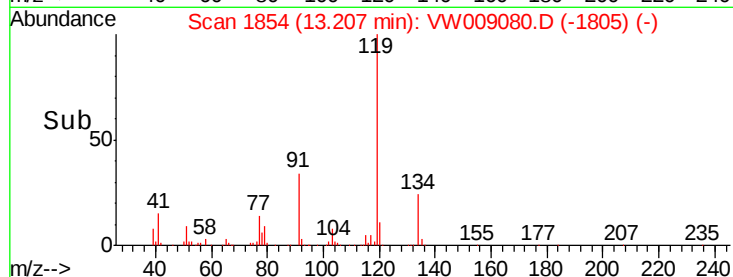
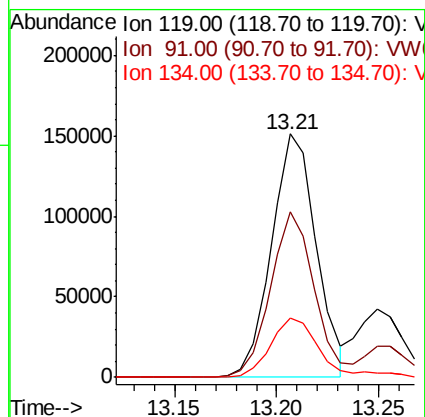
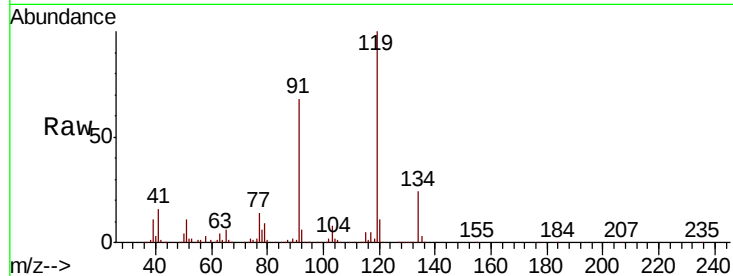




#83
 tert-Butylbenzene
 Concen: 19.212 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

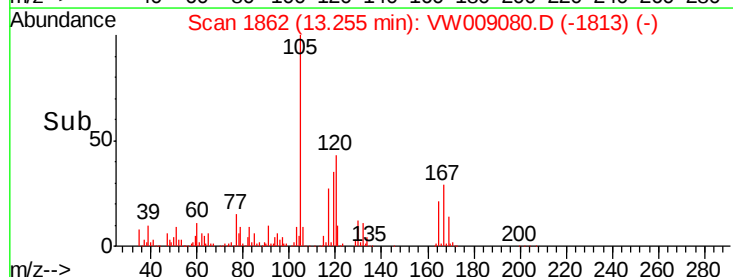
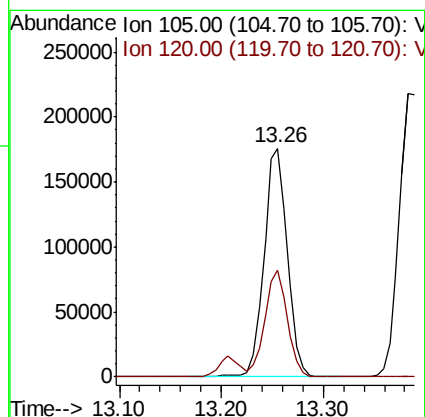
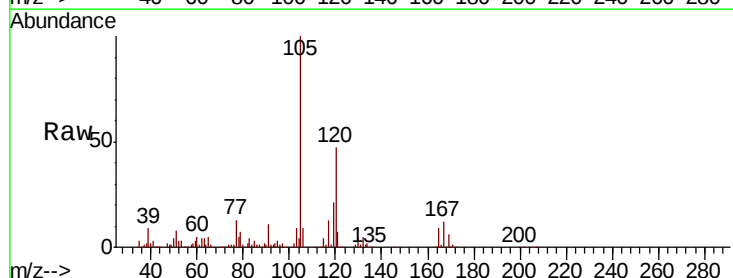
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

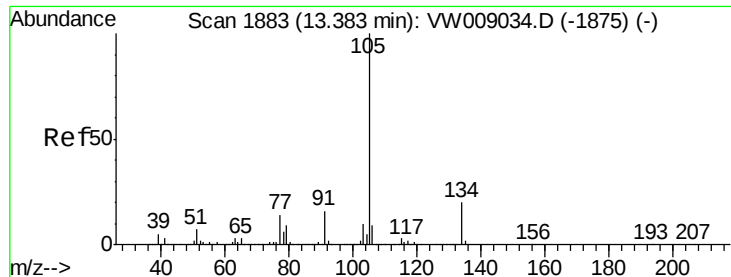
Tgt Ion:119 Resp: 231650
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.2 102.5
 134 27.2 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.284 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion:105 Resp: 278878
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.4

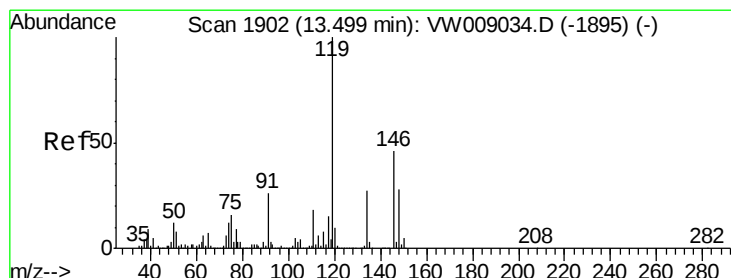
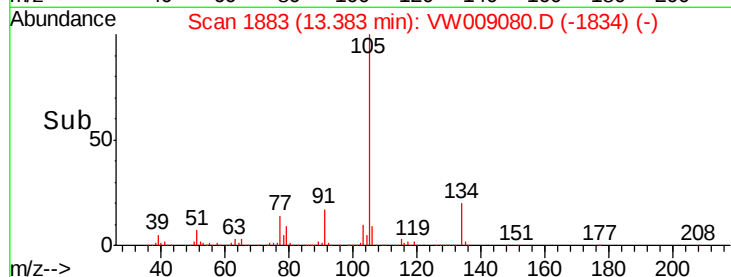
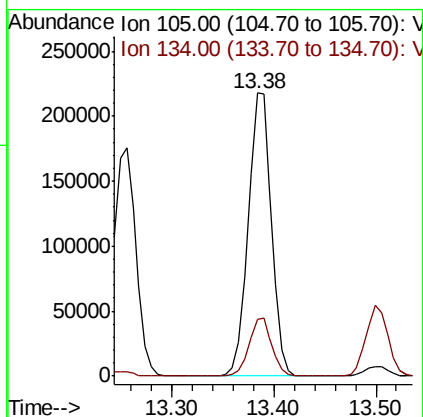
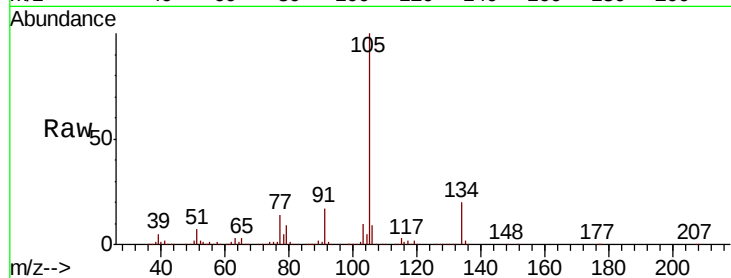




#85
 sec-Butylbenzene
 Concen: 19.355 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

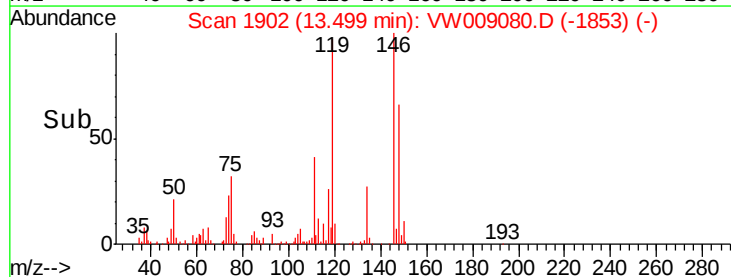
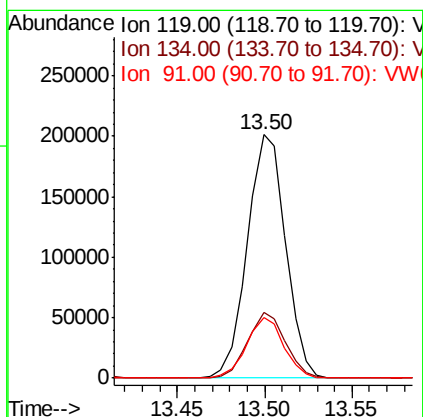
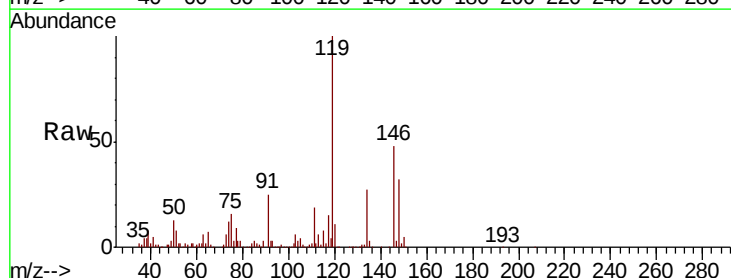
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

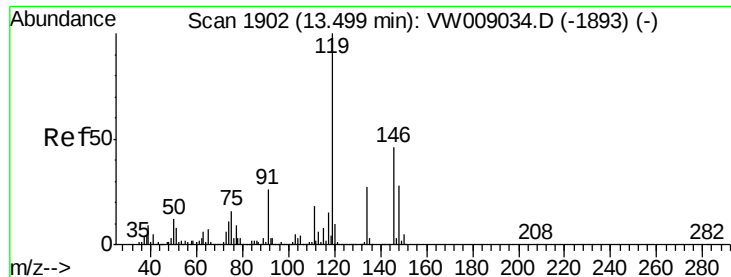
Tgt Ion:105 Resp: 345766
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.163 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion:119 Resp: 306247
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.152 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

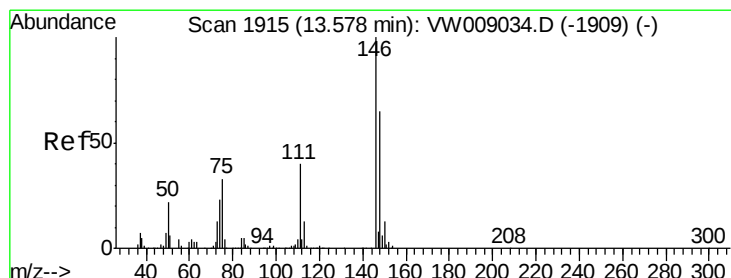
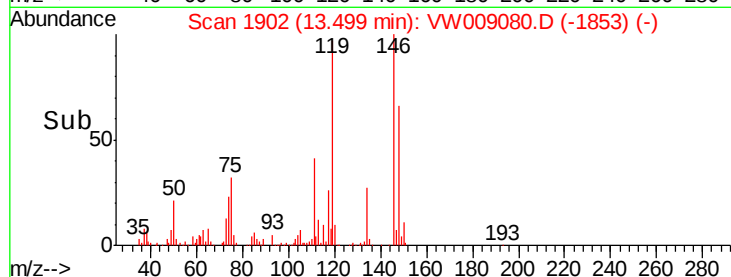
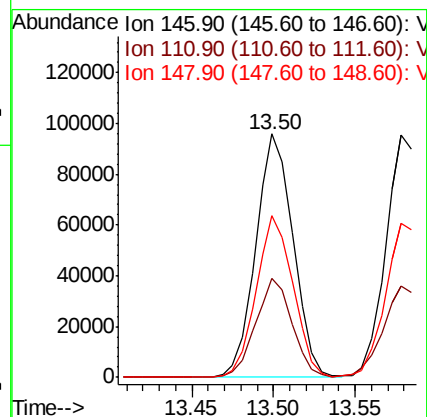
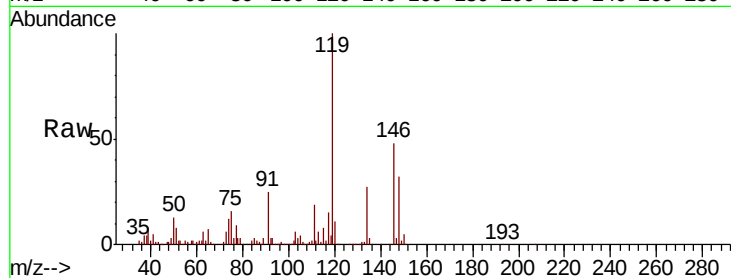
Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

Tgt Ion:	146	Resp:	152527
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	65.7	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 19.486 ug/l

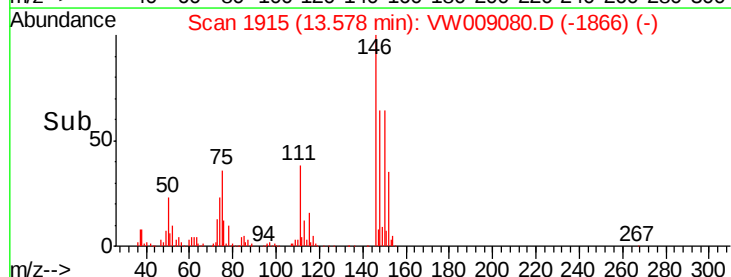
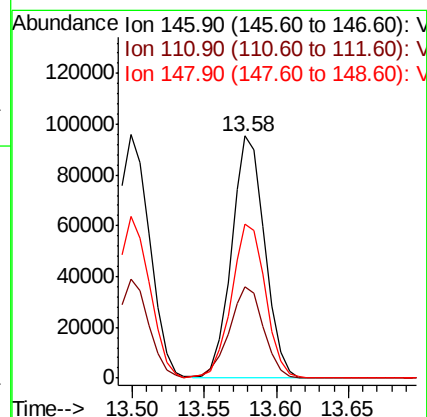
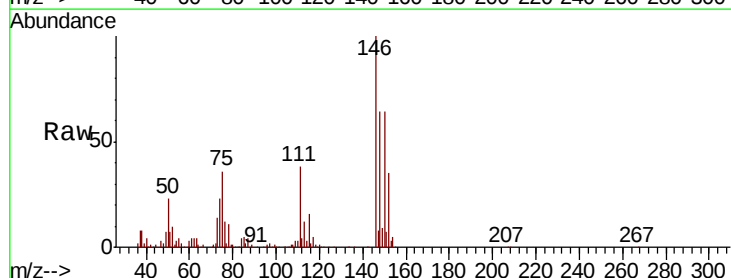
RT: 13.58 min Scan# 1915

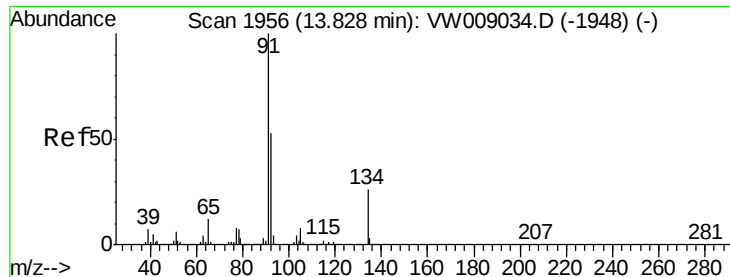
Delta R.T. 0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Tgt Ion:	146	Resp:	153362
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	65.3	32.2	96.6





#89

n-Butylbenzene

Concen: 19.524 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW009080.D

Acq: 11 Mar 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBSD01

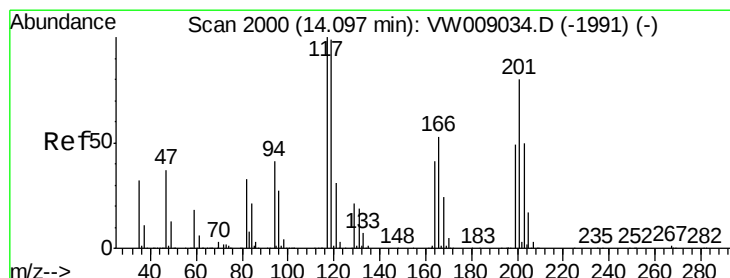
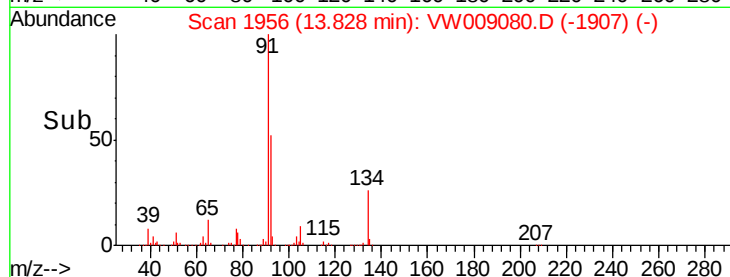
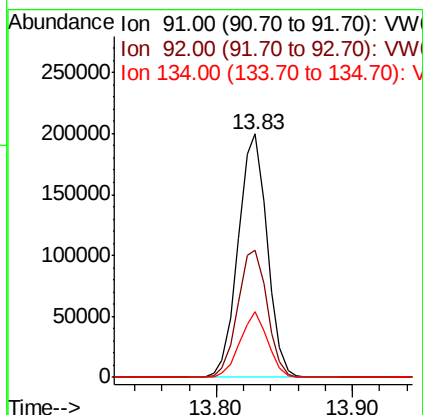
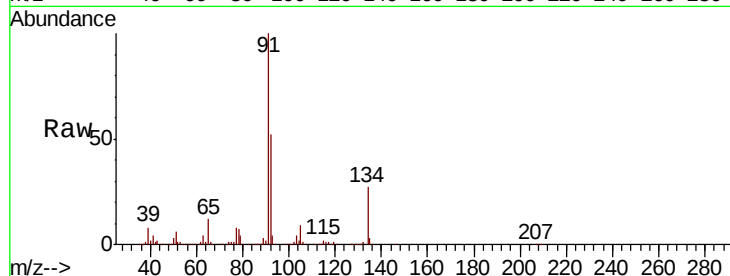
Tgt Ion: 91 Resp: 296616

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.3

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 19.443 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009080.D

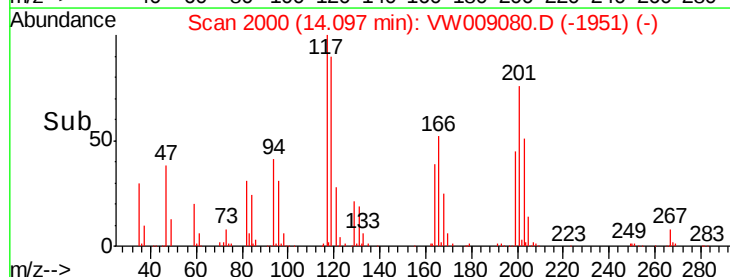
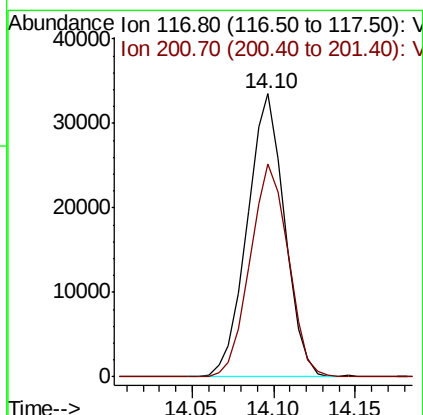
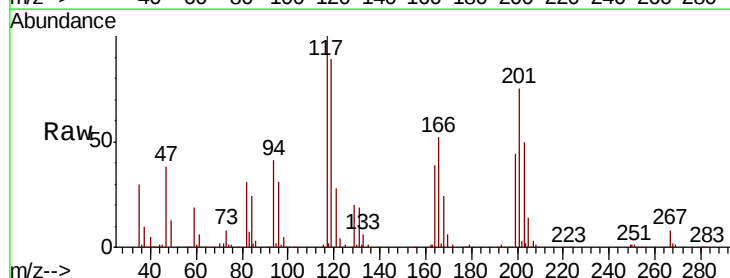
Acq: 11 Mar 2019 12:22

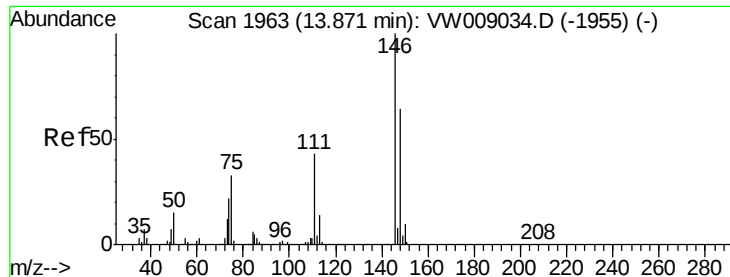
Tgt Ion: 117 Resp: 53589

Ion Ratio Lower Upper

117 100

201 76.8 39.1 117.5

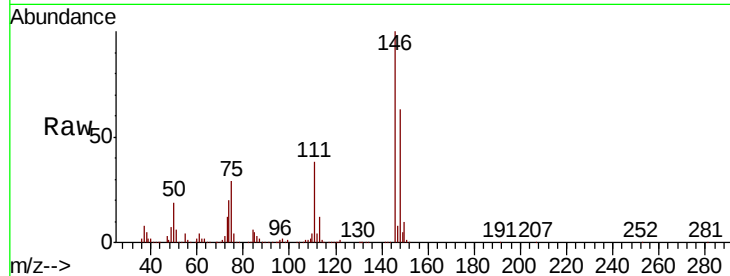




#91
 1,2-Dichlorobenzene
 Concen: 19.393 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.1
148	64.3	32.3	96.9

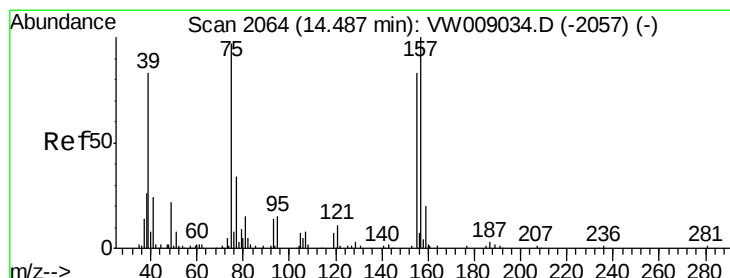
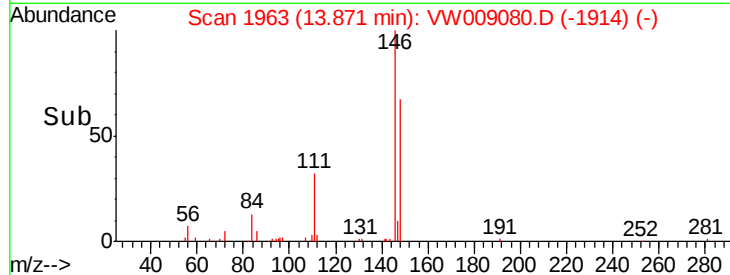
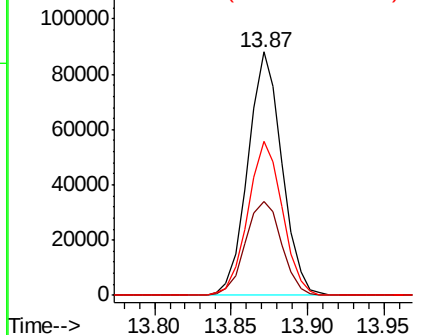


Abundance

Ion 145.90 (145.60 to 146.60): V

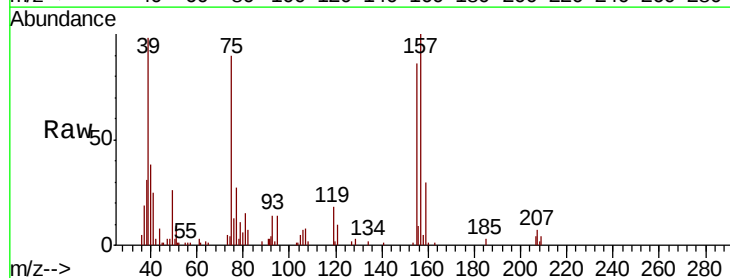
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.894 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	40.8	122.4
157	105.2	52.4	157.3

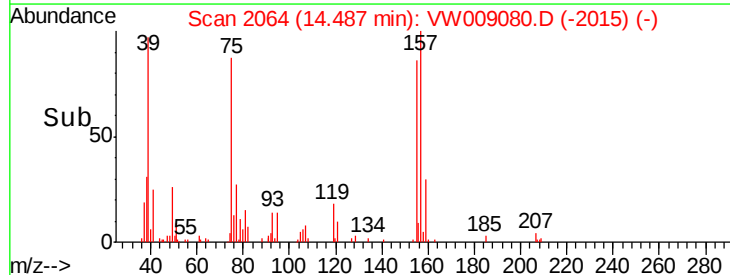
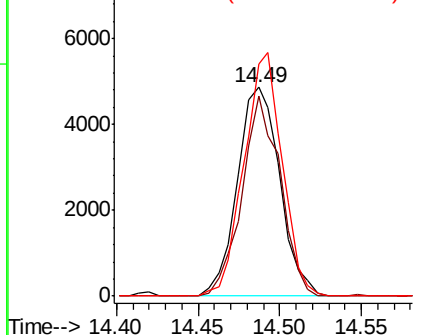


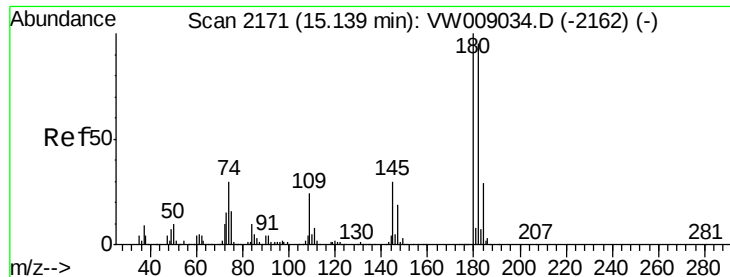
Abundance

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

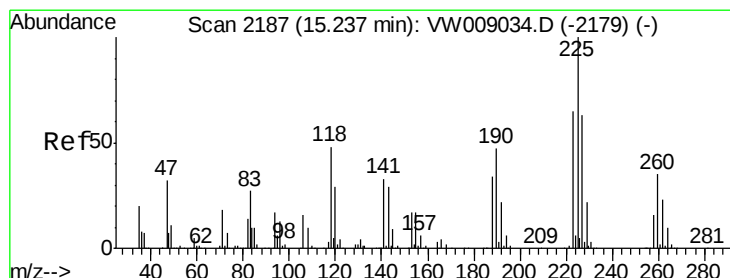
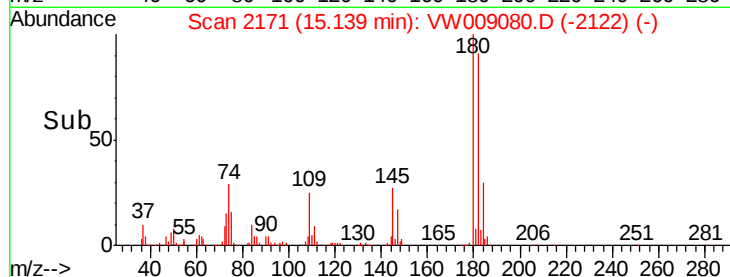
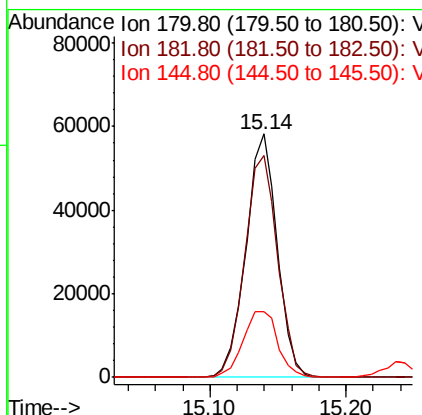
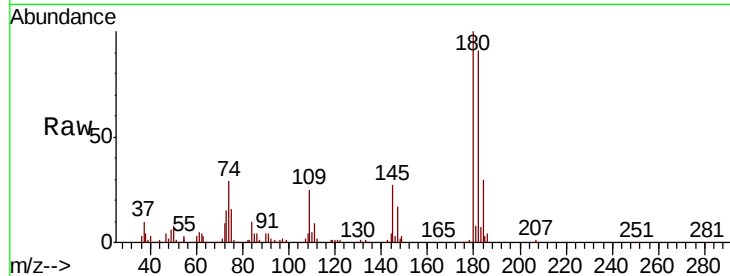




#93
 1,2,4-Trichlorobenzene
 Concen: 19.780 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

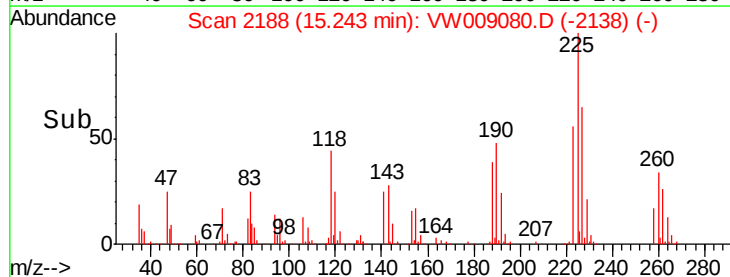
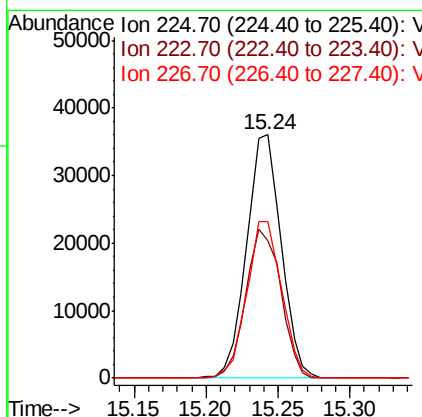
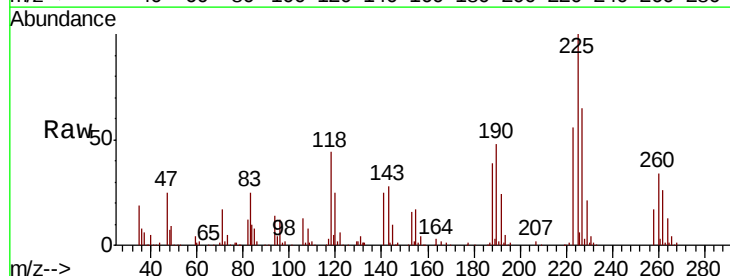
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

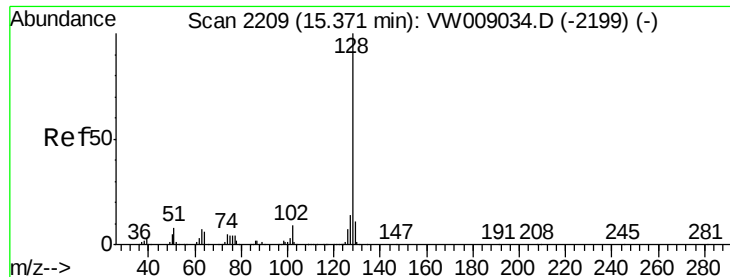
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	30.1	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 20.099 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009080.D
 Acq: 11 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.6	94.8
227	65.1	32.0	96.2

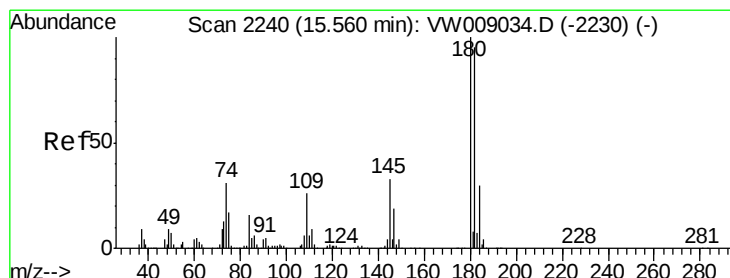
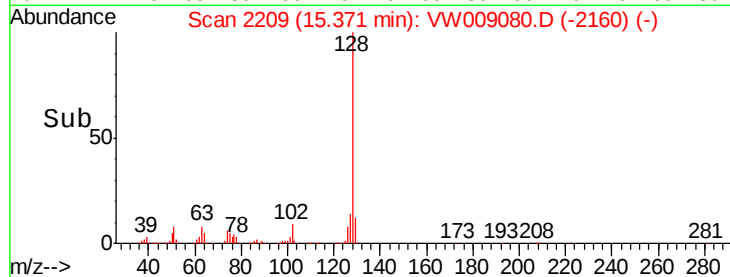
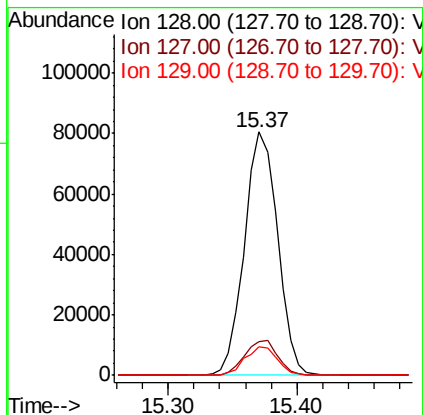
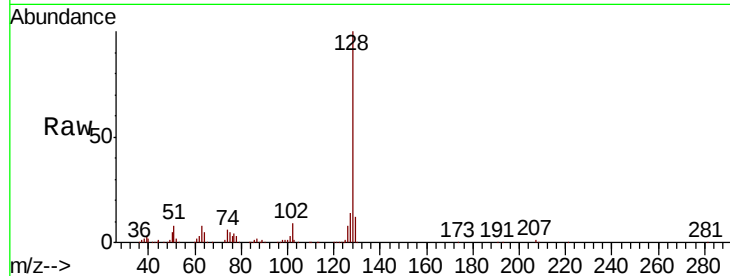




#95
Naphthalene
Concen: 18.494 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBSD01

Tgt Ion:128 Resp: 143657
Ion Ratio Lower Upper
128 100
127 14.3 11.0 16.6
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.194 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW009080.D
Acq: 11 Mar 2019 12:22

Tgt Ion:180 Resp: 80093
Ion Ratio Lower Upper
180 100
182 97.9 48.1 144.3
145 32.1 15.8 47.3

