

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102218\
 Data File : VW006287.D
 Acq On : 23 Oct 2018 08:48
 Operator : VA/AP
 Sample : J5624-03MSD
 Misc : 5.7G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 23 14:34:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153667	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	90259	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	7.88	113	96973	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.33	98	344631	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	
62) 4-Bromofluorobenzene	12.62	95	127227	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	51377	47.666	ug/l	93
3) Chloromethane	2.21	50	70295	50.665	ug/l	100
4) Vinyl Chloride	2.37	62	102930	51.948	ug/l	98
5) Bromomethane	2.79	94	88203	48.943	ug/l	100
6) Chloroethane	2.93	64	76849	54.121	ug/l	95
7) Trichlorofluoromethane	3.26	101	85655	46.405	ug/l	98
8) Diethyl Ether	3.68	74	50455	51.433	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99466	51.420	ug/l	99
10) Methyl Iodide	4.27	142	175734	54.582	ug/l	100
11) Tert butyl alcohol	5.24	59	25291	208.249	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	96509	53.030	ug/l	95
13) Acrolein	3.90	56	18546	157.818	ug/l	94
14) Allyl chloride	4.67	41	100023	38.439	ug/l	99
15) Acrylonitrile	5.38	53	91723	260.686	ug/l	99
16) Acetone	4.15	43	72572	211.967	ug/l	98
17) Carbon Disulfide	4.38	76	256685	46.734	ug/l	100
18) Methyl Acetate	4.68	43	49138	54.072	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	153695	55.448	ug/l	98
20) Methylene Chloride	4.92	84	118256	62.291	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	110396	54.346	ug/l	99
22) Diisopropyl ether	6.31	45	296077	57.578	ug/l	97
23) Vinyl Acetate	6.26	43	693737	228.601	ug/l	99
24) 1,1-Dichloroethane	6.22	63	194492	58.616	ug/l	98
25) 2-Butanone	7.18	43	113075	231.793	ug/l	96
26) 2,2-Dichloropropane	7.17	77	101177	43.234	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	128093	57.142	ug/l	98
28) Bromochloromethane	7.51	49	72802	56.833	ug/l	96
29) Tetrahydrofuran	7.54	42	74785	249.403	ug/l	98
30) Chloroform	7.68	83	211493	58.503	ug/l	100
31) Cyclohexane	7.96	56	152771	46.234	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176643	54.169	ug/l	99
36) 1,1-Dichloropropene	8.09	75	155015	50.675	ug/l	100
37) Ethyl Acetate	7.26	43	54477	47.932	ug/l	99
38) Carbon Tetrachloride	8.07	117	163694	48.814	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180664	44.430	ug/l	98
40) Benzene	8.33	78	455425	54.275	ug/l	98
41) Methacrylonitrile	7.49	41	34105	49.778	ug/l	98
42) 1,2-Dichloroethane	8.40	62	130956	53.120	ug/l	99
43) Isopropyl Acetate	8.43	43	110484	47.544	ug/l	99
44) Trichloroethene	9.09	130	133635	51.910	ug/l	95
45) 1,2-Dichloropropane	9.37	63	107575	53.575	ug/l	100
46) Dibromomethane	9.46	93	60456	52.827	ug/l	99
47) Bromodichloromethane	9.65	83	146159	52.677	ug/l	98
48) Methyl methacrylate	9.44	41	54360	49.350	ug/l	98
49) 1,4-Dioxane	9.49	88	15606	885.798	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	278165	238.908	ug/l	98
52) Toluene	10.39	92	296041	52.624	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	127898	46.266	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	157741	49.719	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	86381	53.938	ug/l	99
56) Ethyl methacrylate	10.65	69	96638	49.222	ug/l	96
57) 1,3-Dichloropropane	10.93	76	139850	52.752	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	163097	217.405	ug/l	100
59) 2-Hexanone	10.98	43	184050	221.445	ug/l	97
60) Dibromochloromethane	11.13	129	102822	51.545	ug/l	100
61) 1,2-Dibromoethane	11.24	107	82266	51.410	ug/l	99
64) Tetrachloroethene	10.87	164	122450	52.582	ug/l	98
65) Chlorobenzene	11.66	112	336453	52.393	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	124105	54.381	ug/l	98
67) Ethyl Benzene	11.74	91	575594	51.720	ug/l	100
68) m/p-Xylenes	11.84	106	452589	102.890	ug/l	99
69) o-Xylene	12.17	106	218734	52.177	ug/l	99
70) Styrene	12.18	104	351756	51.600	ug/l	100
71) Bromoform	12.35	173	61041	47.954	ug/l #	98
73) Isopropylbenzene	12.47	105	591158	54.454	ug/l	100
74) N-amyl acetate	12.28	43	97437	46.210	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	95804	58.022	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	111872	95.315	ug/l #	100
77) Bromobenzene	12.75	156	150642	56.653	ug/l	98
78) n-propylbenzene	12.81	91	670043	53.051	ug/l	100
79) 2-Chlorotoluene	12.90	91	389099	54.831	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	488567	53.384	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	20700	42.158	ug/l	98
82) 4-Chlorotoluene	12.99	91	402429	54.136	ug/l	100
83) tert-Butylbenzene	13.21	119	433347	52.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	500249	54.017	ug/l	100
85) sec-Butylbenzene	13.39	105	590462	51.043	ug/l	100
86) p-Isopropyltoluene	13.51	119	534846	51.117	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	281346	53.166	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	278472	52.851	ug/l	99
89) n-Butylbenzene	13.83	91	452162	47.253	ug/l	100
90) Hexachloroethane	14.10	117	86344	48.719	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	253019	53.602	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14193	48.010	ug/l	94

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QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

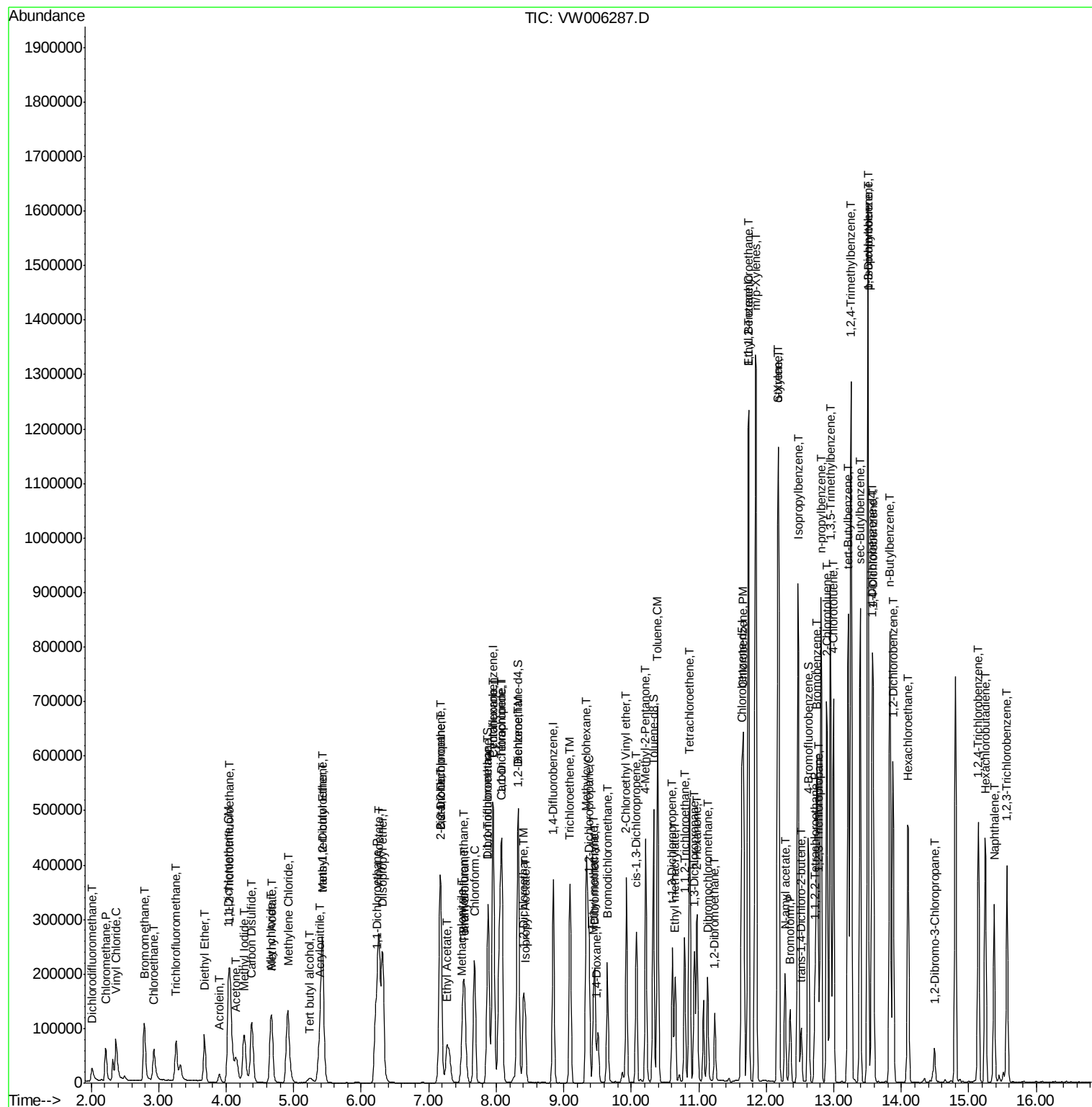
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	164781	45.369	ug/l	99
94) Hexachlorobutadiene	15.24	225	94518	41.426	ug/l	100
95) Naphthalene	15.38	128	291026	48.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	143646	45.725	ug/l	98

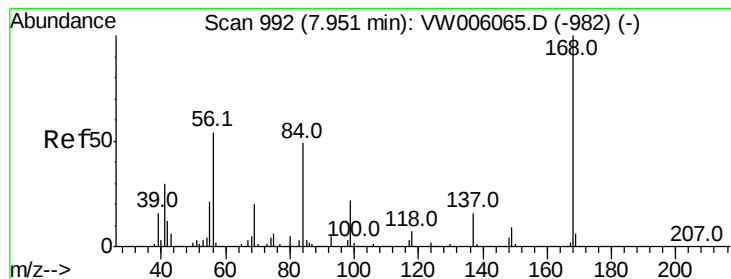
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

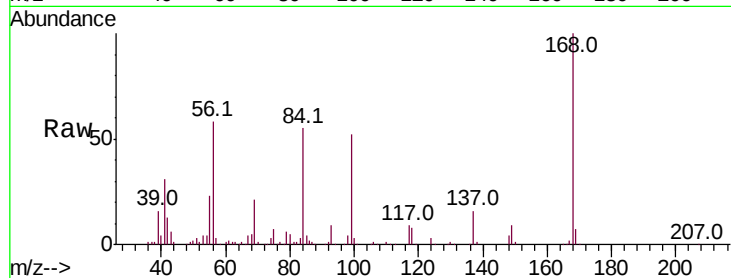
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 217811

Ion Ratio Lower Upper

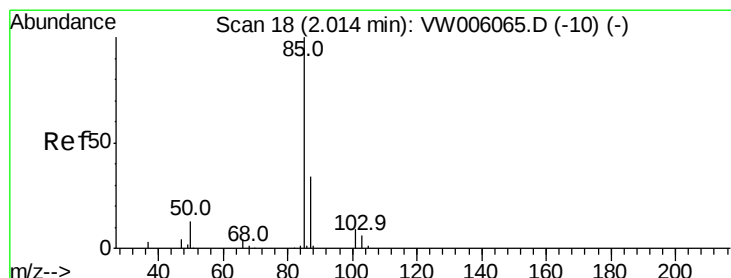
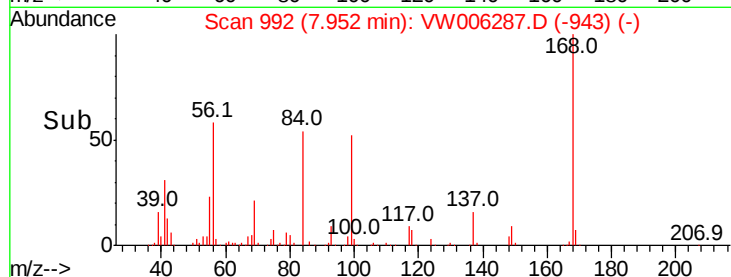
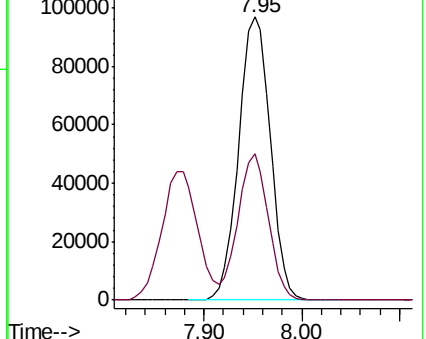
168 100

99 51.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.666 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006287.D

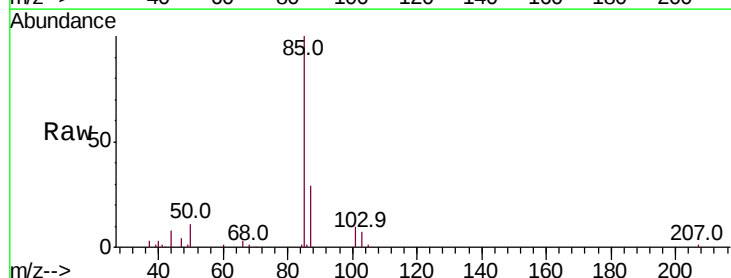
Acq: 23 Oct 2018 08:48

Tgt Ion: 85 Resp: 51377

Ion Ratio Lower Upper

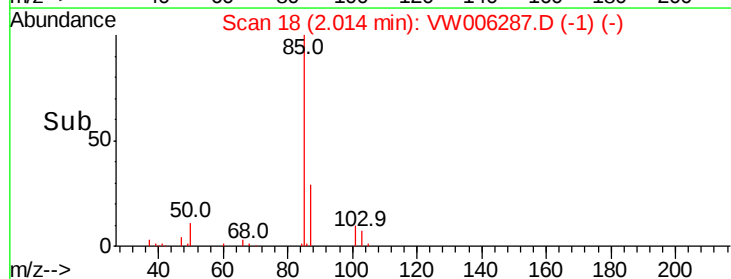
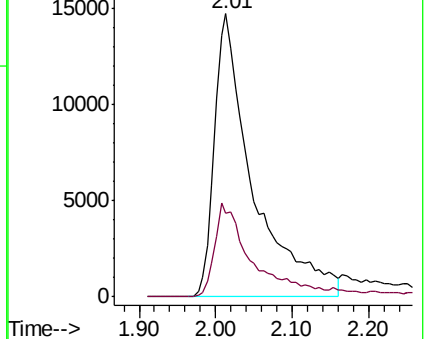
85 100

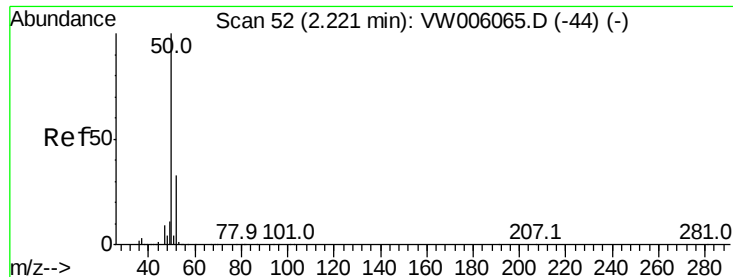
87 29.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.665 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

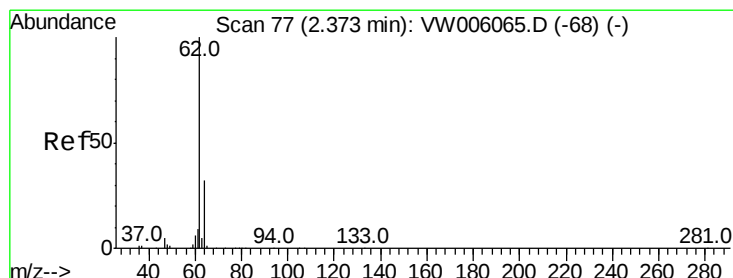
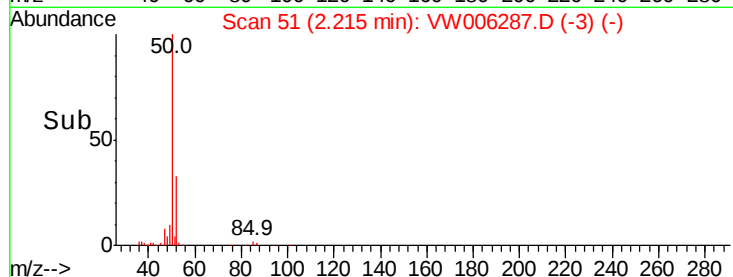
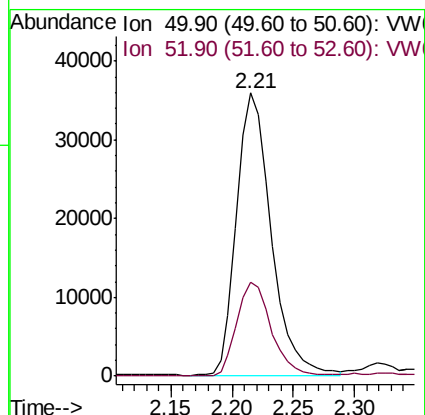
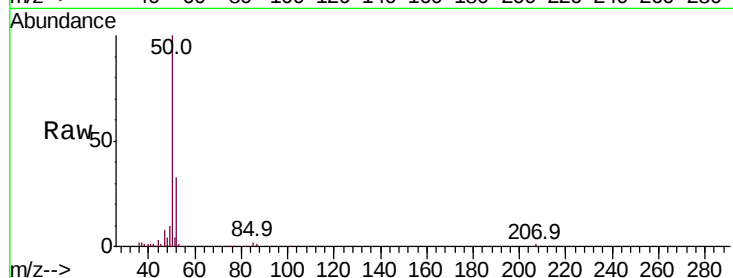
ClientSampleId :

Tot Ion: 50 Resp: 70295

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2



#4

Vinyl Chloride

Concen: 51.948 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006287.D

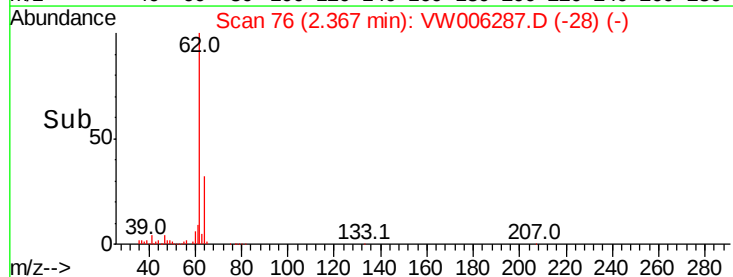
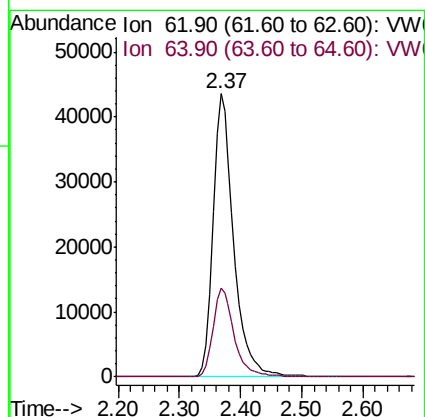
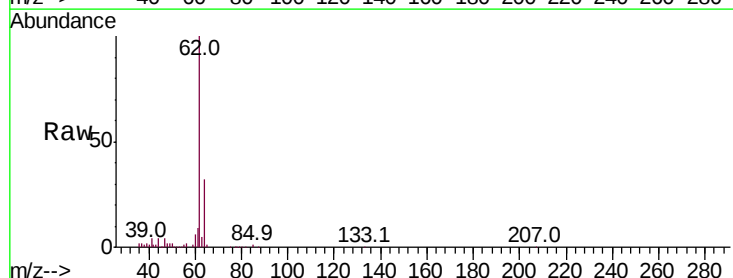
Acq: 23 Oct 2018 08:48

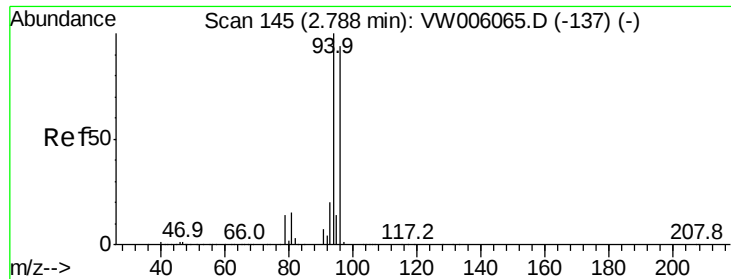
Tgt Ion: 62 Resp: 102930

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 48.943 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

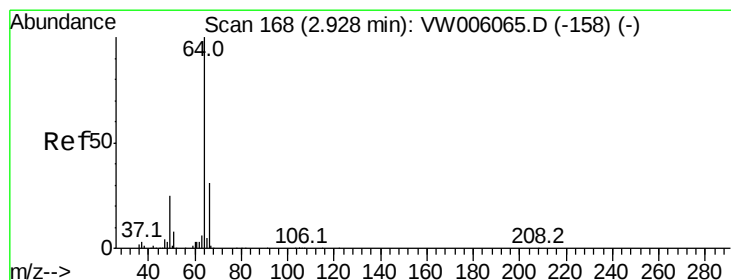
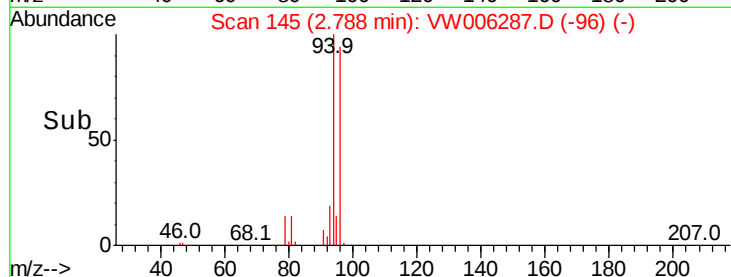
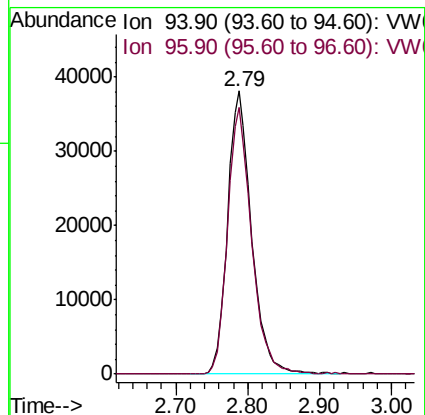
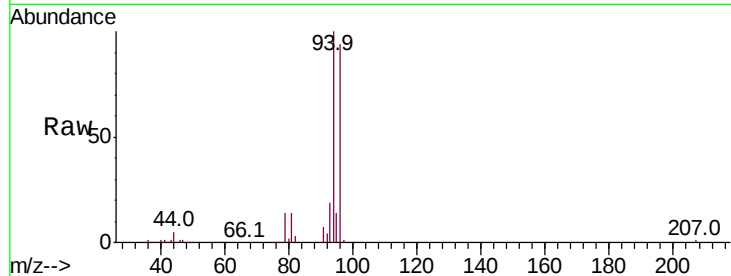
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 88203

Ion Ratio Lower Upper

94 100

96 94.0 74.9 112.3



#6

Chloroethane

Concen: 54.121 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006287.D

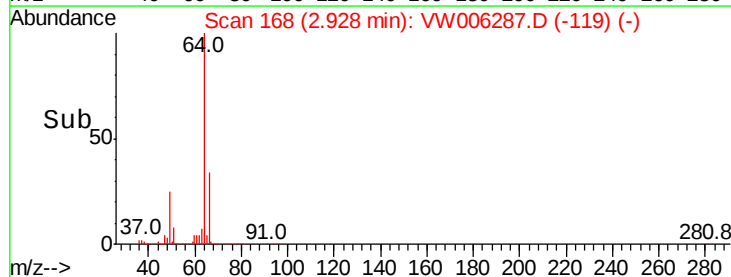
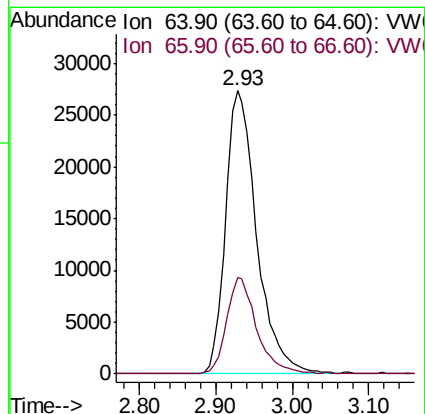
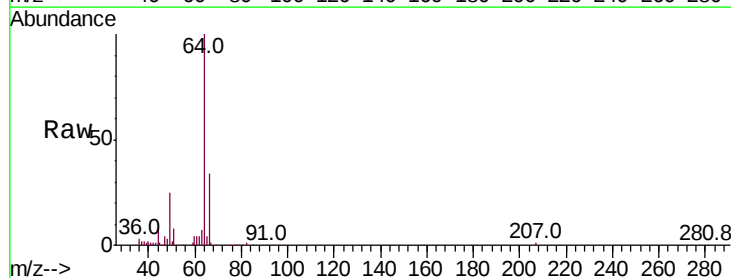
Acq: 23 Oct 2018 08:48

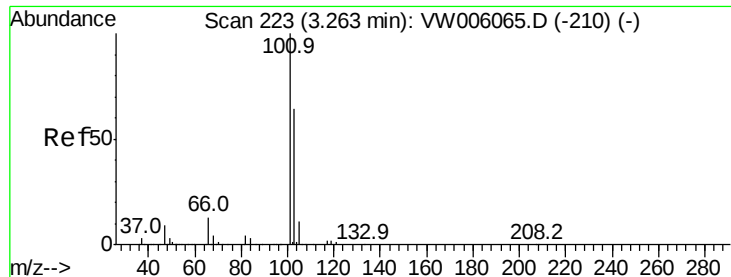
Tgt Ion: 64 Resp: 76849

Ion Ratio Lower Upper

64 100

66 34.1 24.9 37.3



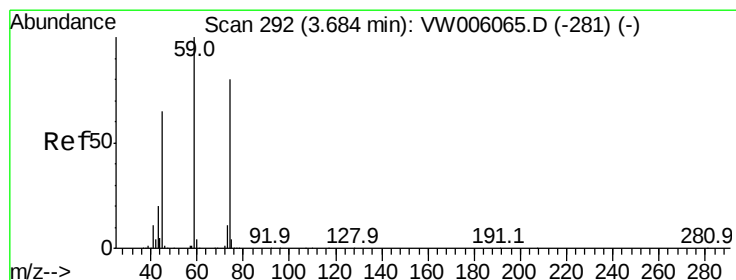
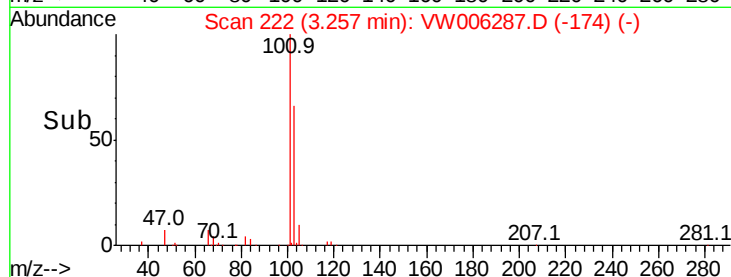
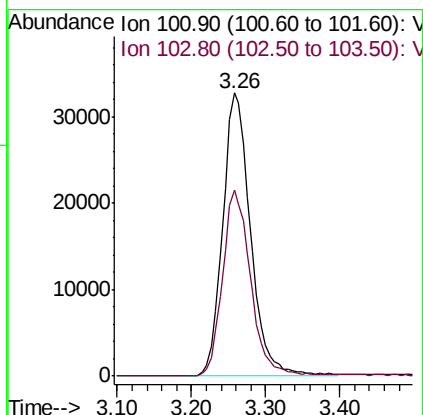
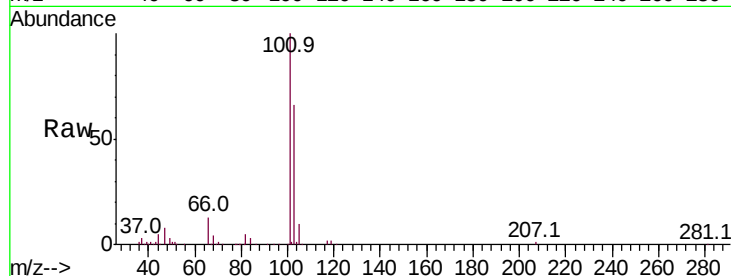


#7

Trichlorofluoromethane
 Concen: 46.405 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

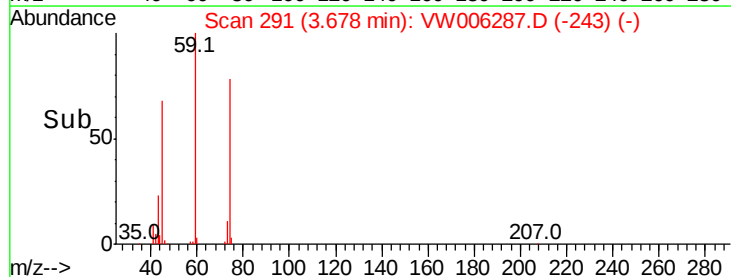
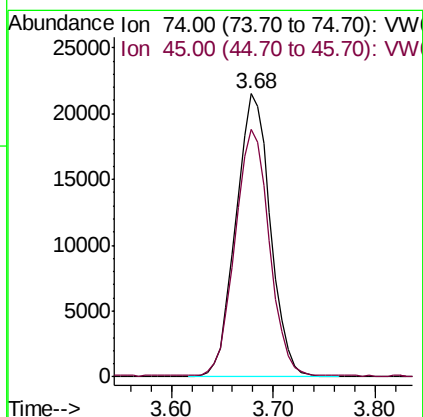
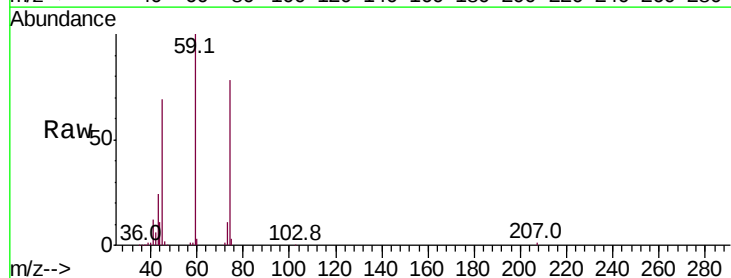
Tot Ion:101 Resp: 85655
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.2 76.8

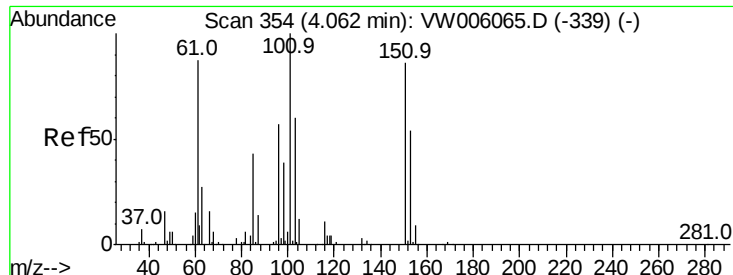


#8

Diethyl Ether
 Concen: 51.433 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion: 74 Resp: 50455
 Ion Ratio Lower Upper
 74 100
 45 86.2 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.420 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

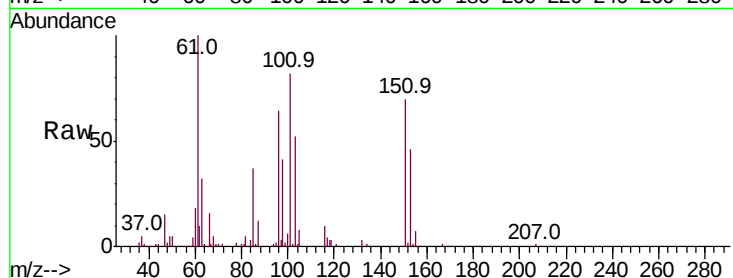
Tot Ion:101 Resp: 99466

Ion Ratio Lower Upper

101 100

85 43.0 34.9 52.3

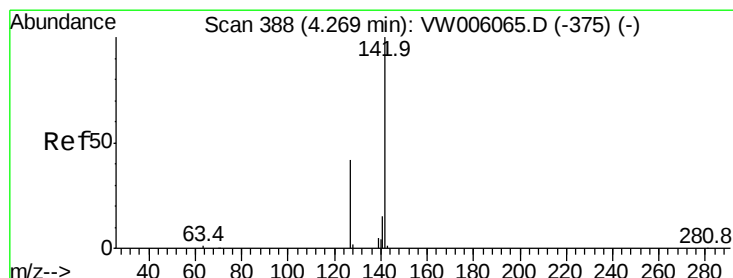
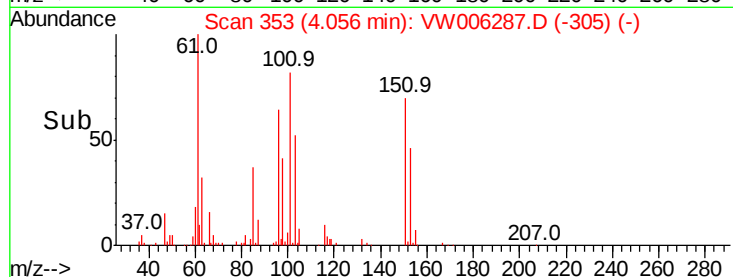
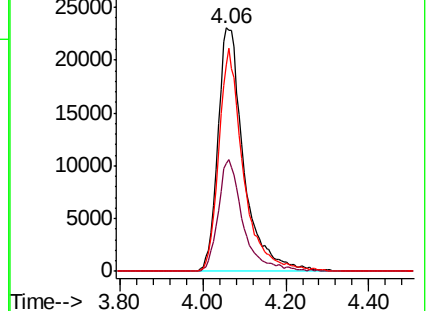
151 86.4 70.4 105.6



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: 54.582 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

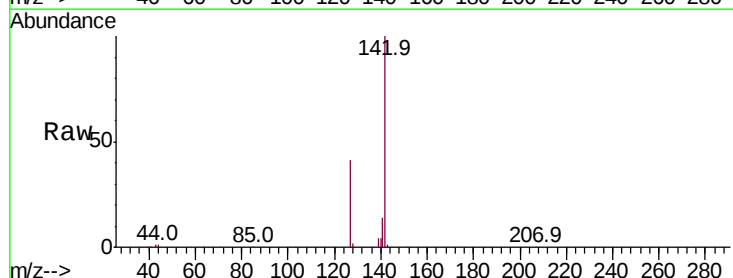
Tgt Ion:142 Resp: 175734

Ion Ratio Lower Upper

142 100

127 41.9 33.6 50.4

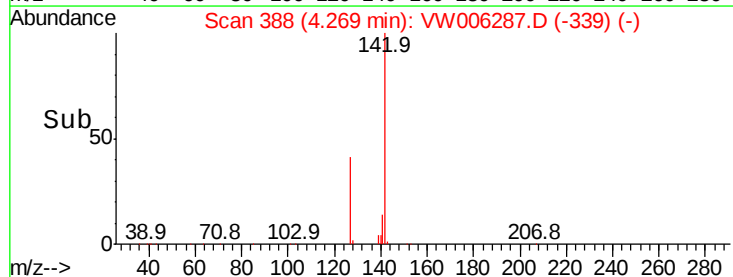
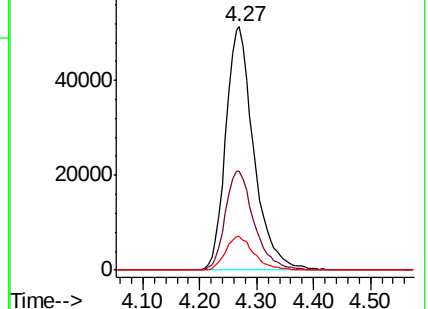
141 14.2 11.6 17.4

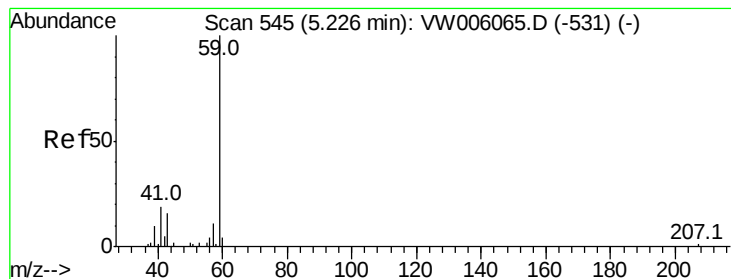


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



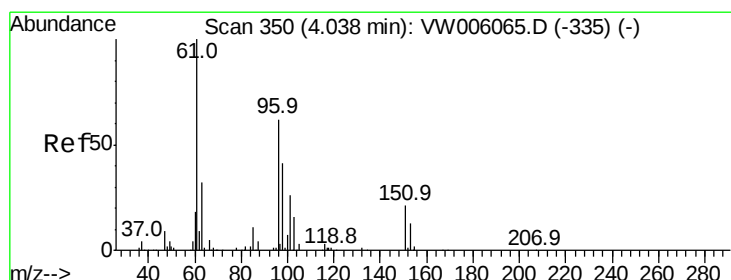
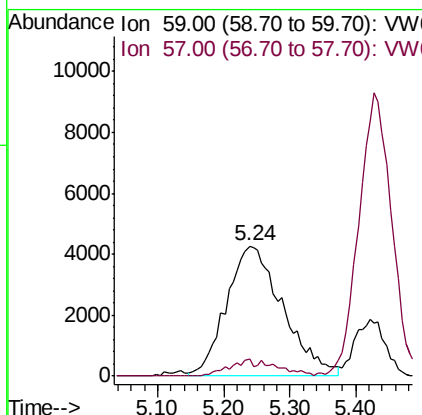
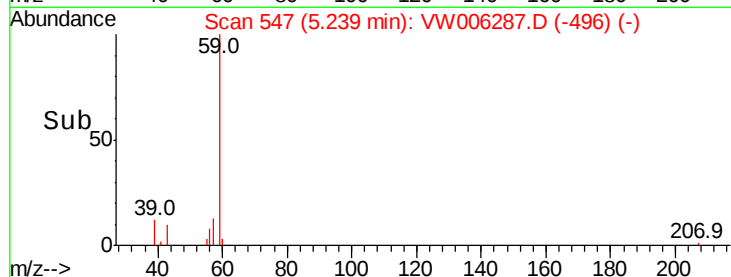
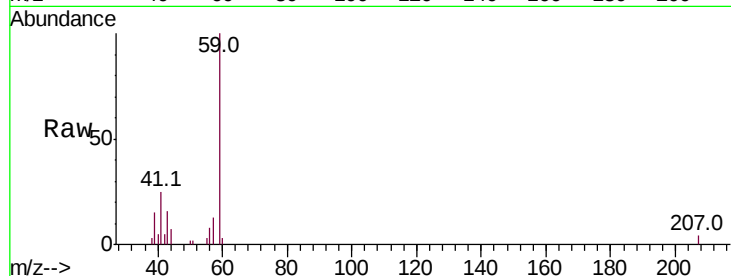


#11

Tert butyl alcohol
Concen: 208.249 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :

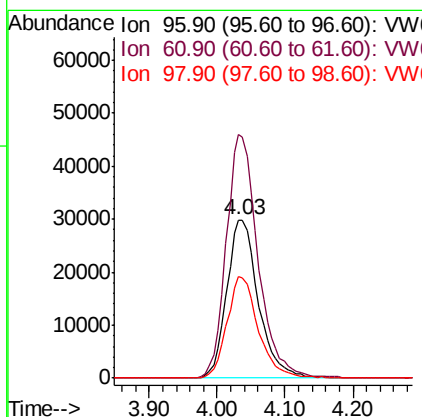
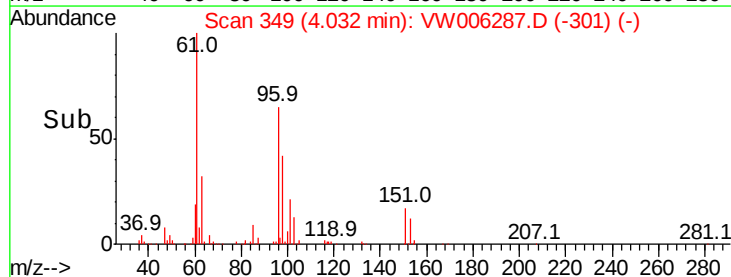
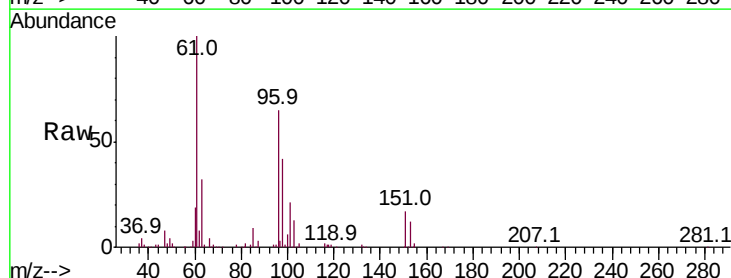
Tot Ion: 59 Resp: 25291
Ion Ratio Lower Upper
59 100
57 5.3 8.7 13.1#

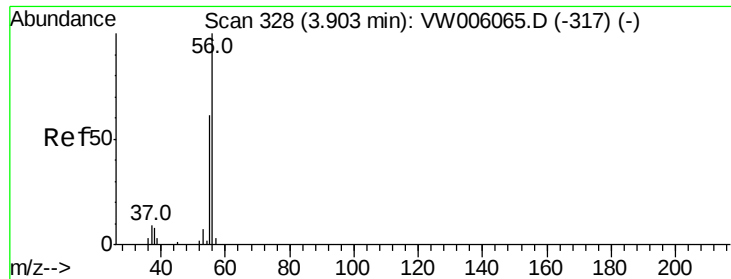


#12

1,1-Dichloroethene
Concen: 53.030 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 96 Resp: 96509
Ion Ratio Lower Upper
96 100
61 153.8 129.3 193.9
98 63.9 53.1 79.7





#13

Acrolein

Concen: 157.818 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

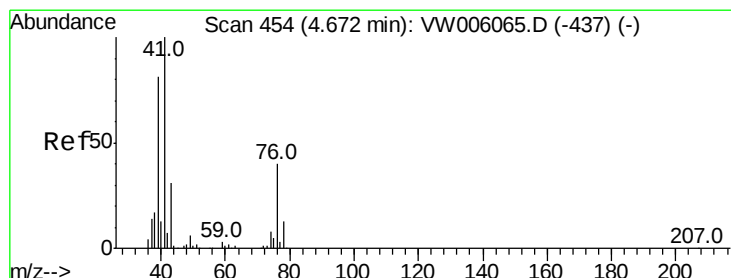
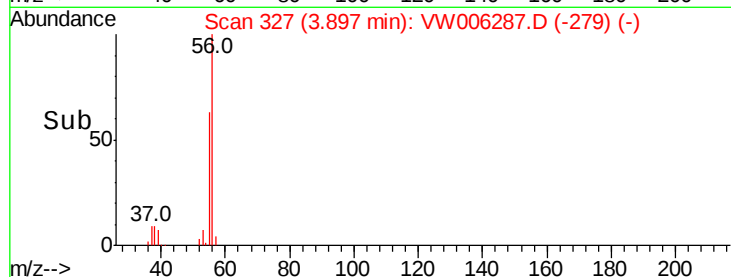
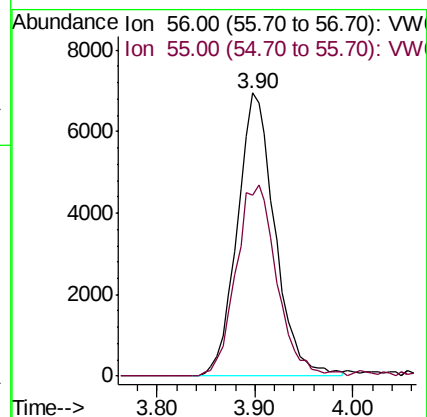
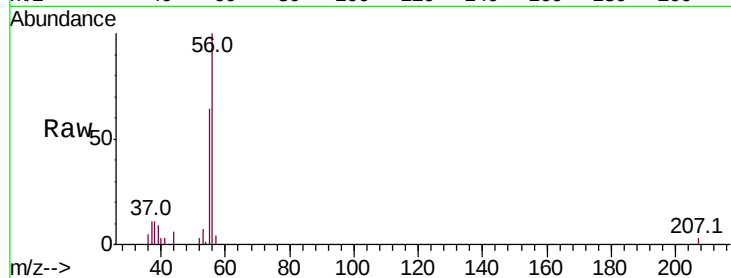
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 18546

Ion Ratio Lower Upper

56 100

55 73.3 54.5 81.7



#14

Allyl chloride

Concen: 38.439 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

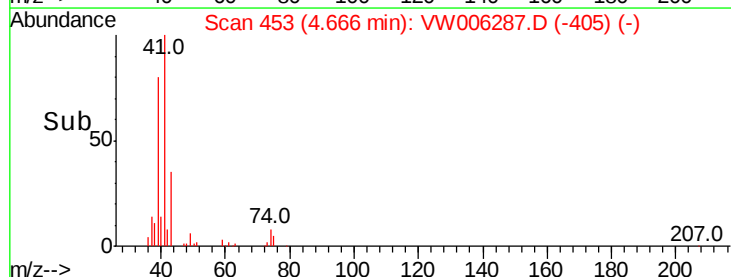
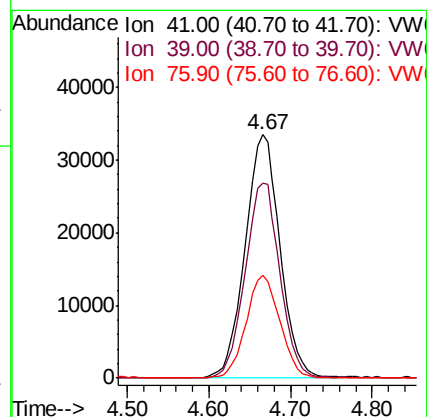
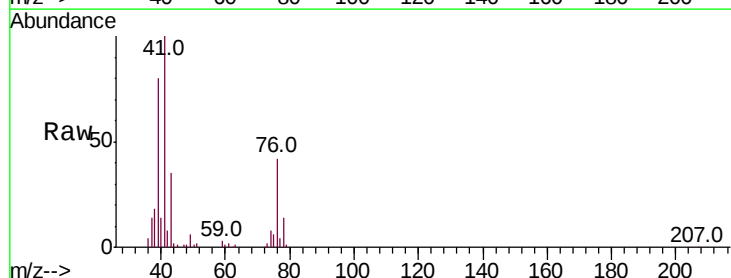
Tgt Ion: 41 Resp: 100023

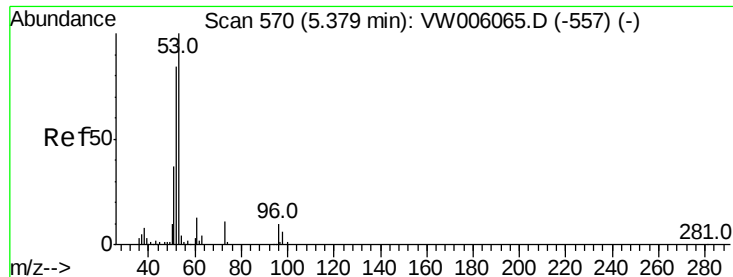
Ion Ratio Lower Upper

41 100

39 79.6 64.1 96.1

76 40.7 32.2 48.4





#15

Acrylonitrile

Concen: 260.686 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampled :

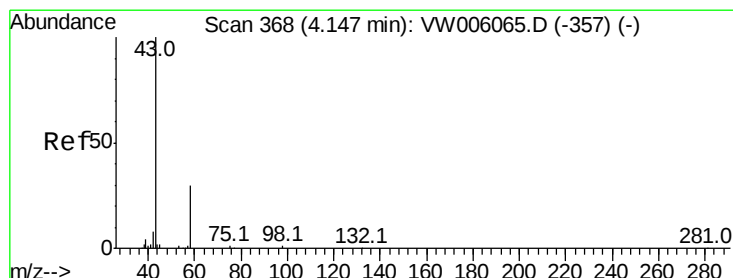
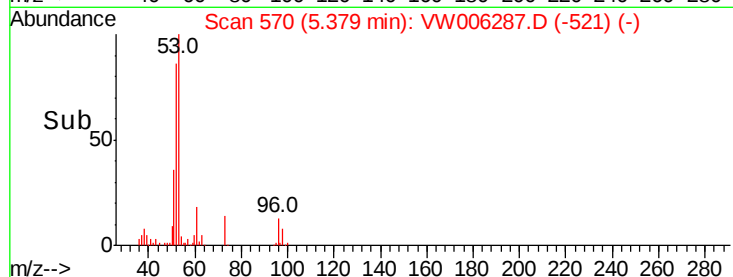
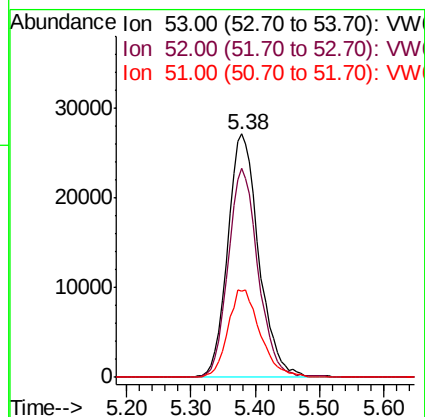
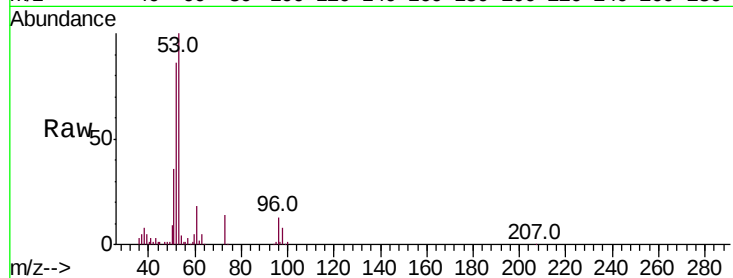
Tot Ion: 53 Resp: 91723

Ion Ratio Lower Upper

53 100

52 82.6 66.9 100.3

51 37.5 30.1 45.1



#16

Acetone

Concen: 211.967 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006287.D

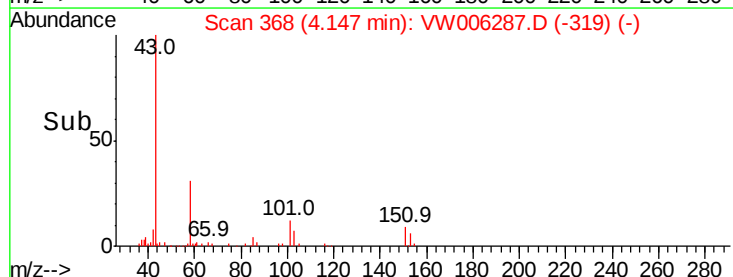
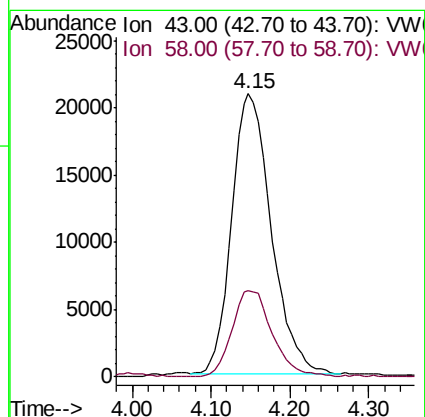
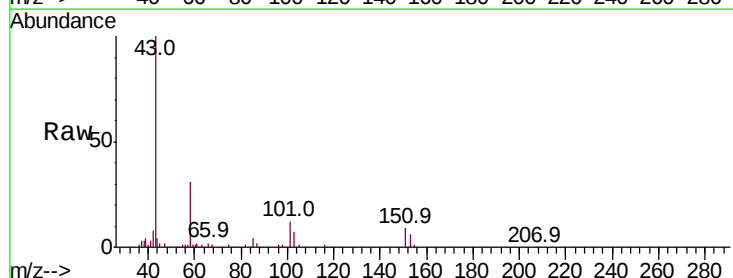
Acq: 23 Oct 2018 08:48

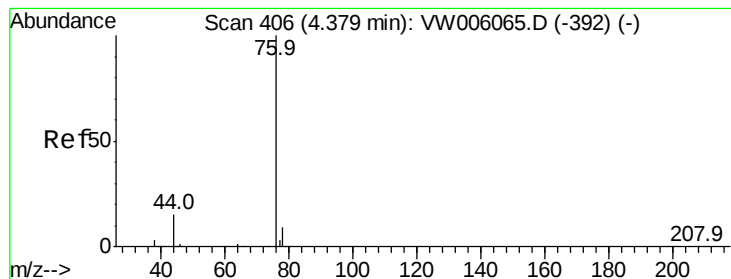
Tgt Ion: 43 Resp: 72572

Ion Ratio Lower Upper

43 100

58 30.8 24.0 36.0





#17

Carbon Disulfide

Concen: 46.734 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

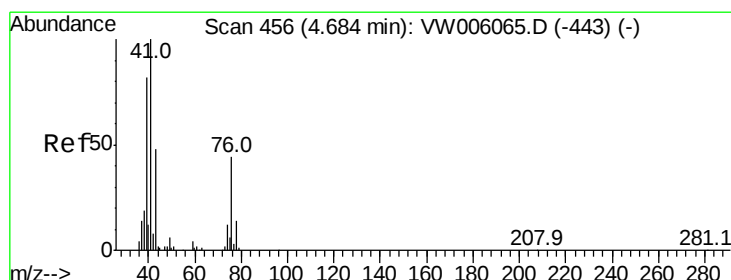
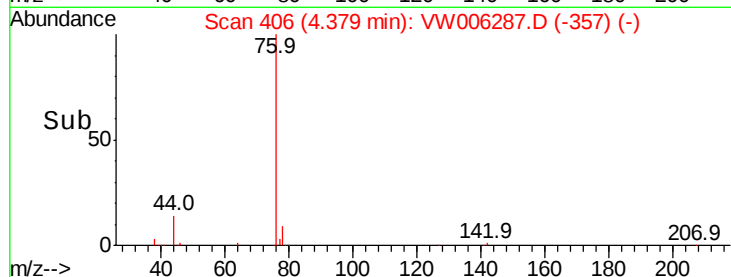
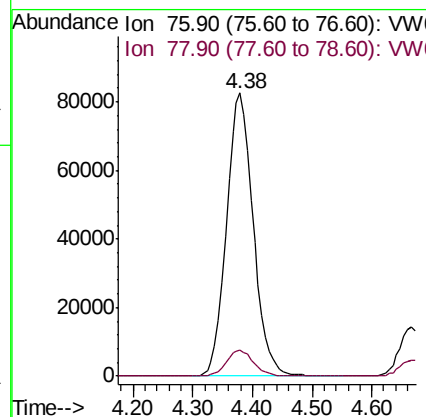
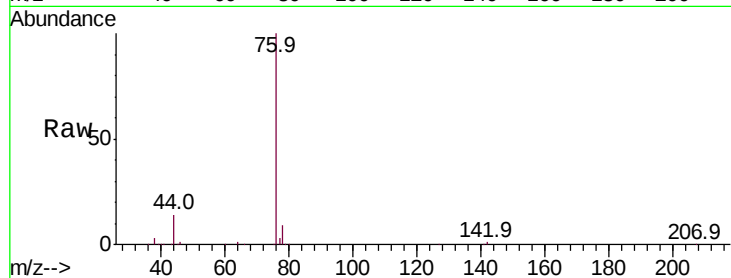
ClientSampleId :

Tot Ion: 76 Resp: 256685

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



#18

Methyl Acetate

Concen: 54.072 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006287.D

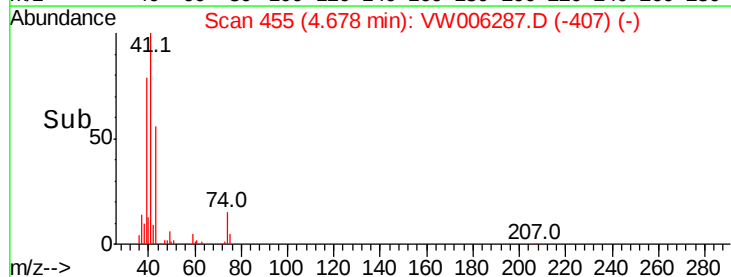
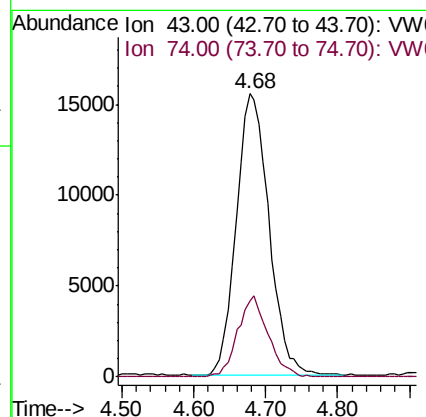
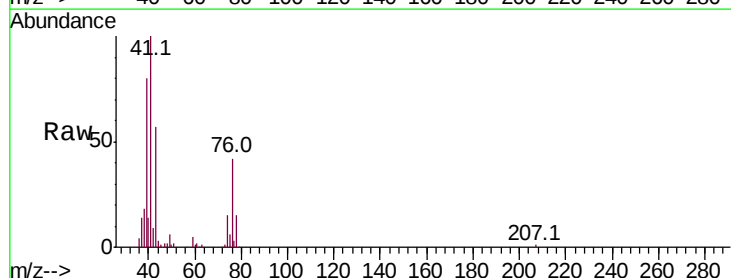
Acq: 23 Oct 2018 08:48

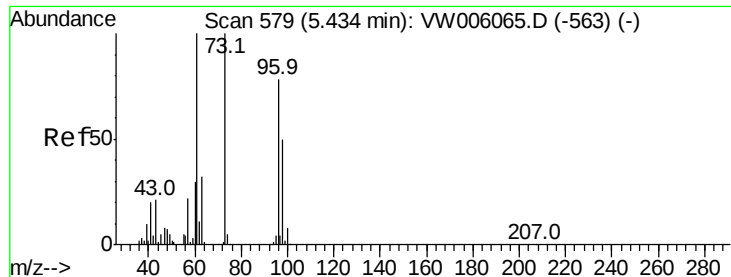
Tgt Ion: 43 Resp: 49138

Ion Ratio Lower Upper

43 100

74 26.6 20.5 30.7



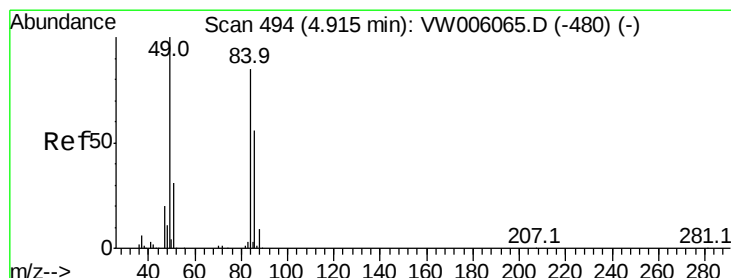
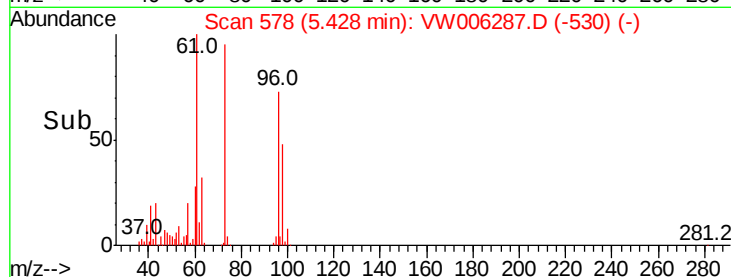
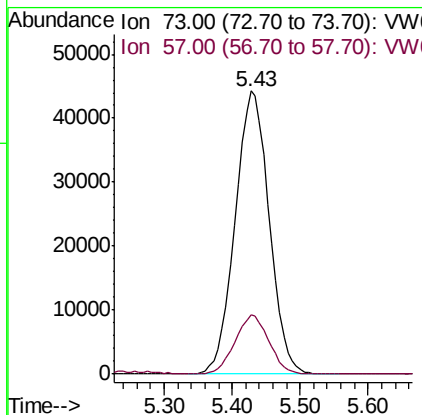
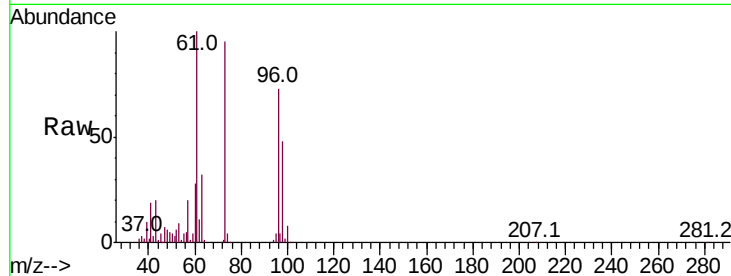


#19

Methyl tert-butyl Ether
 Concen: 55.448 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

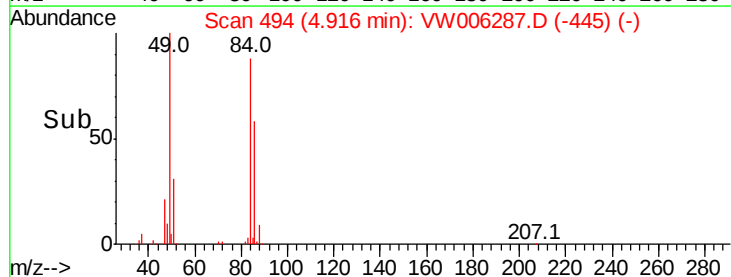
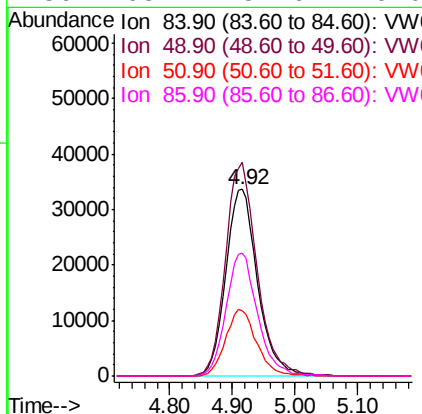
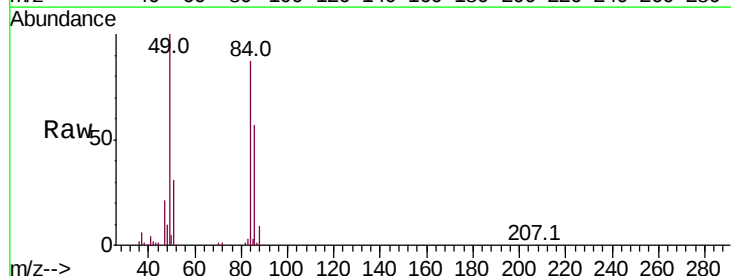
Tot Ion: 73 Resp: 153695
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.4 26.2

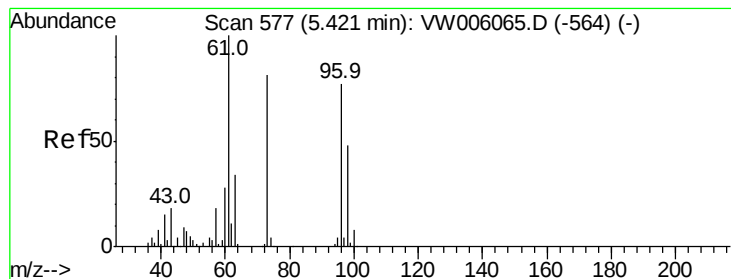


#20

Methylene Chloride
 Concen: 62.291 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion: 84 Resp: 118256
 Ion Ratio Lower Upper
 84 100
 49 114.4 93.6 140.4
 51 35.2 29.0 43.4
 86 65.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 54.346 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :

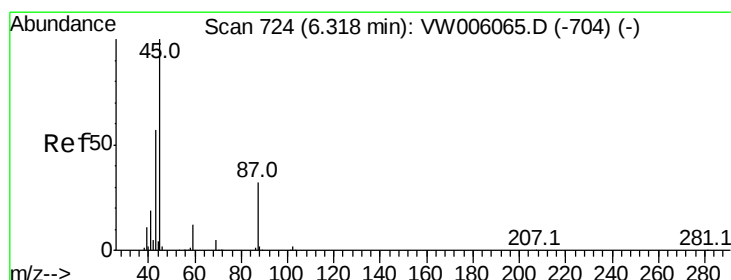
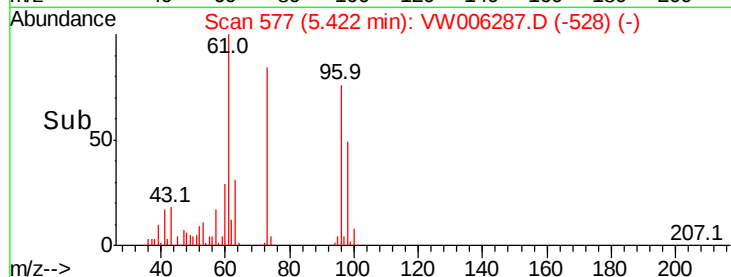
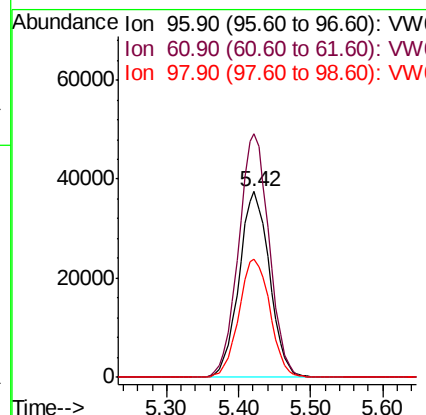
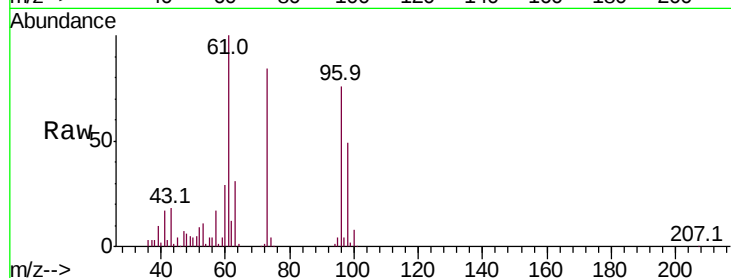
Tot Ion: 96 Resp: 110396

Ion Ratio Lower Upper

96 100

61 131.1 104.5 156.7

98 63.9 50.6 75.8



#22

Diisopropyl ether

Concen: 57.578 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Tgt Ion: 45 Resp: 296077

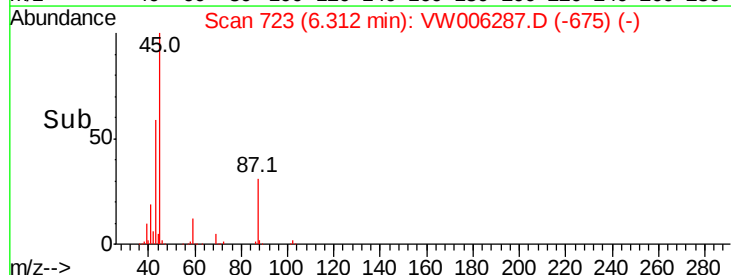
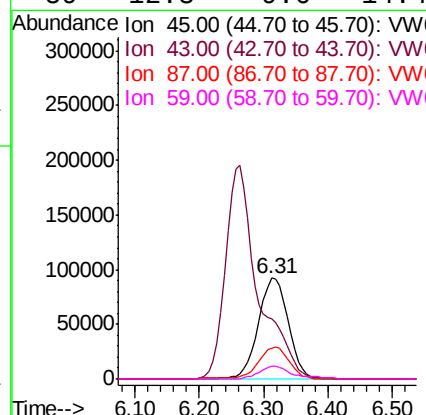
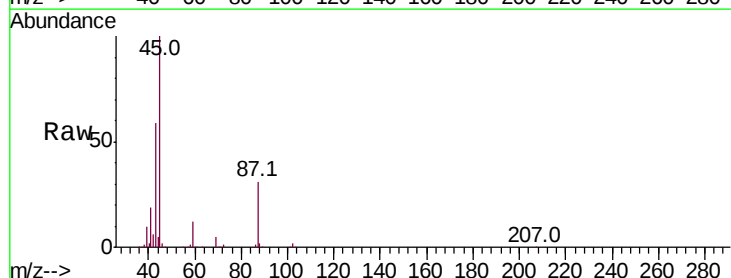
Ion Ratio Lower Upper

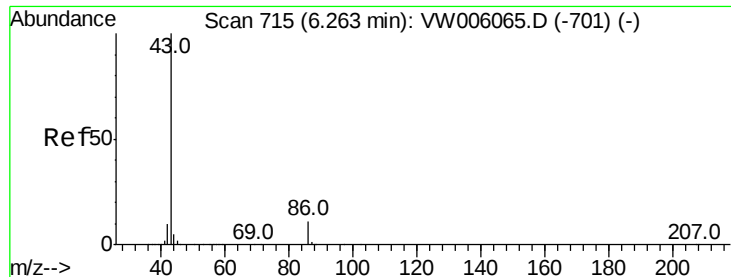
45 100

43 59.0 45.7 68.5

87 30.6 25.9 38.9

59 12.3 9.6 14.4





#23

Vinyl Acetate

Concen: 228.601 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

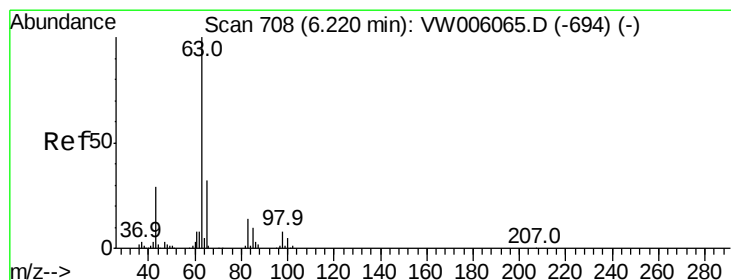
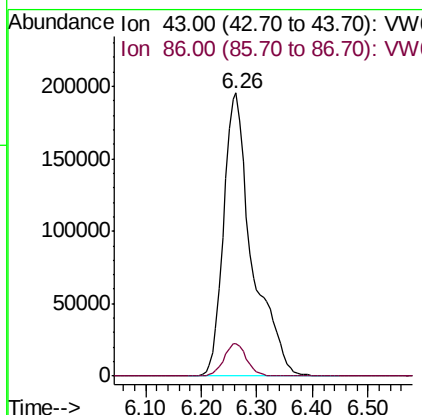
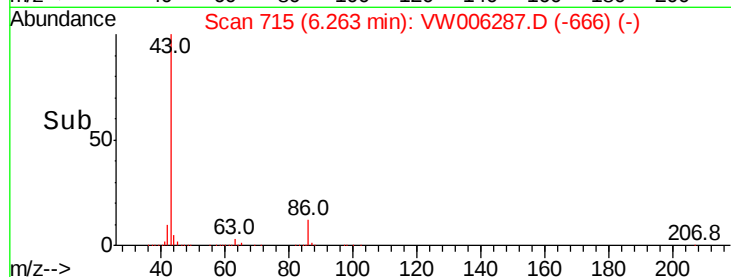
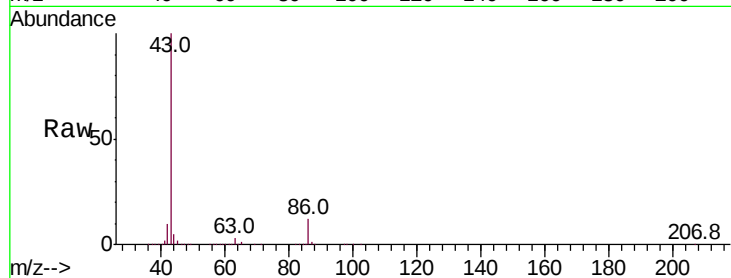
ClientSampleId :

Tot Ion: 43 Resp: 693737

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.6



#24

1,1-Dichloroethane

Concen: 58.616 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

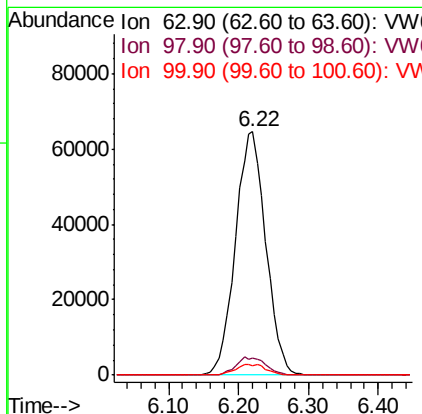
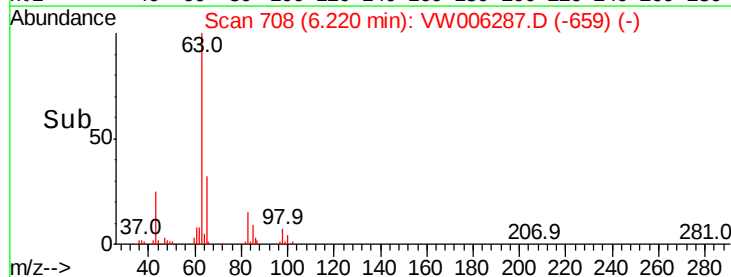
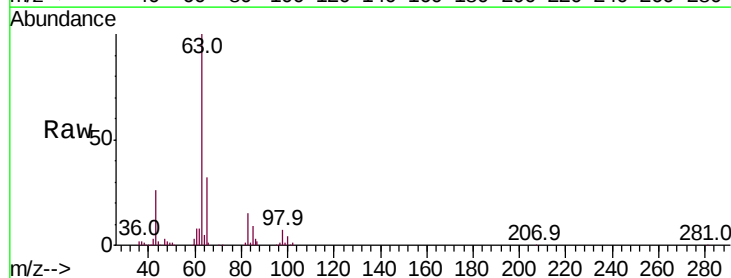
Tgt Ion: 63 Resp: 194492

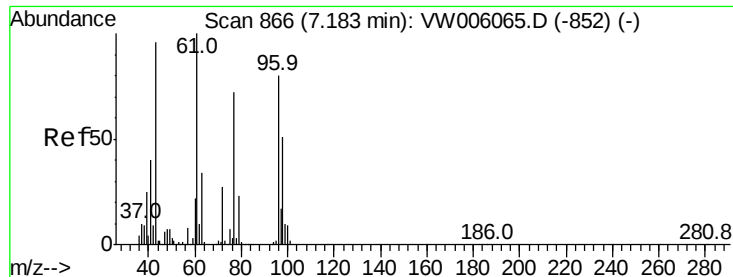
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.0 2.5 7.5





#25

2-Butanone

Concen: 231.793 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

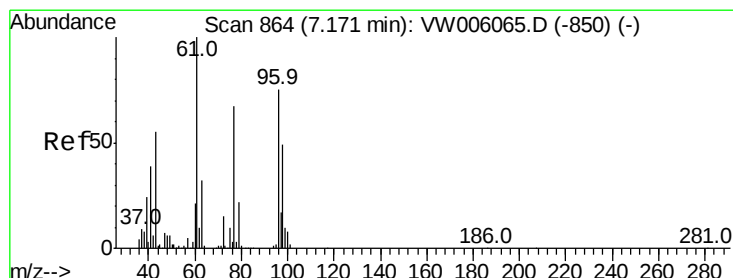
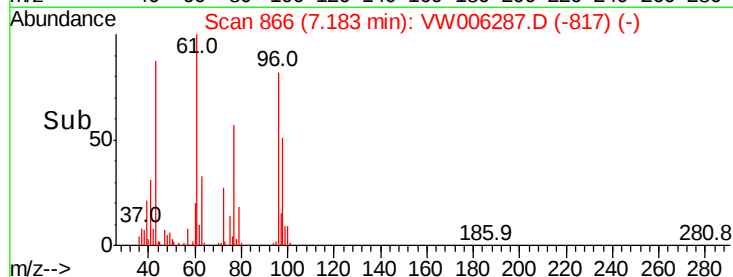
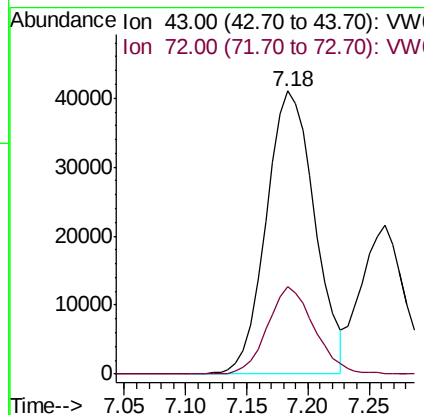
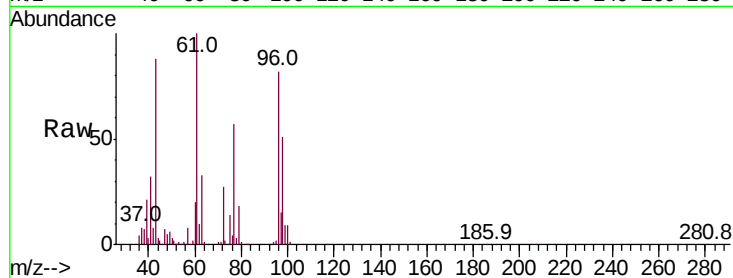
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 113075

Ion Ratio Lower Upper

43 100

72 30.8 22.8 34.2



#26

2,2-Dichloropropane

Concen: 43.234 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006287.D

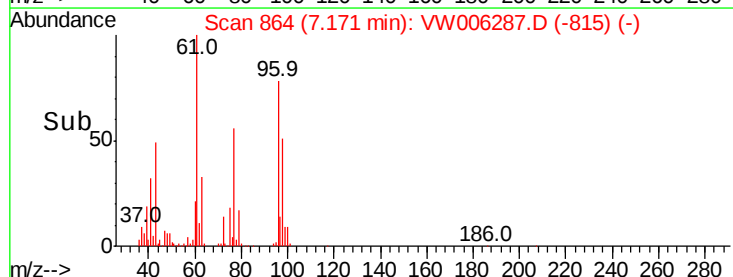
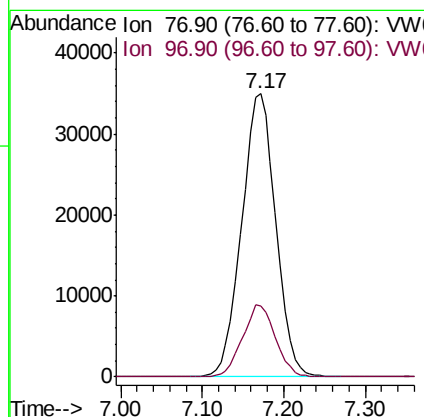
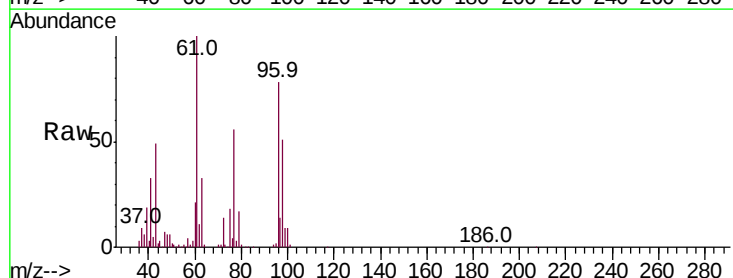
Acq: 23 Oct 2018 08:48

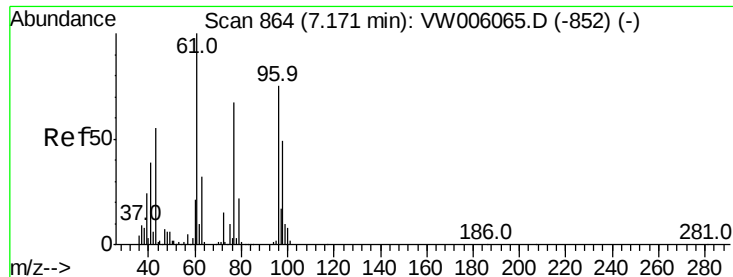
Tgt Ion: 77 Resp: 101177

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.4



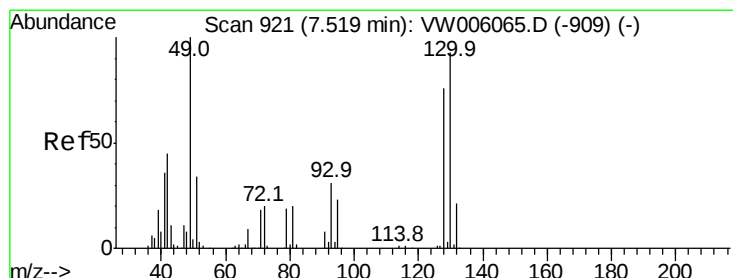
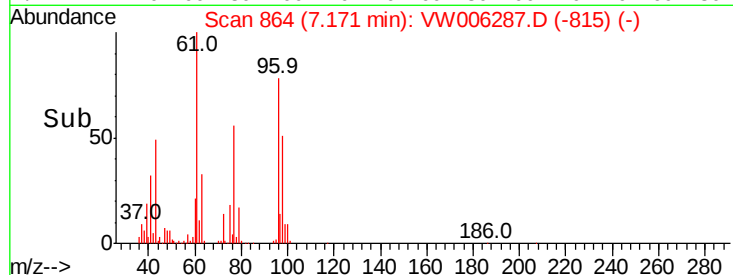
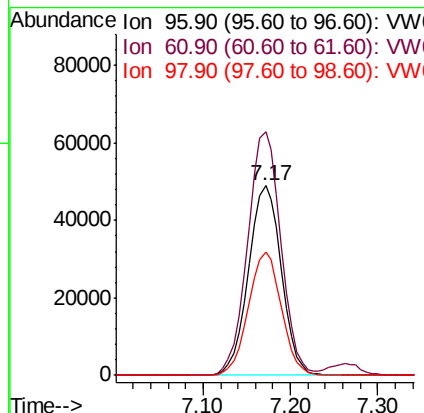
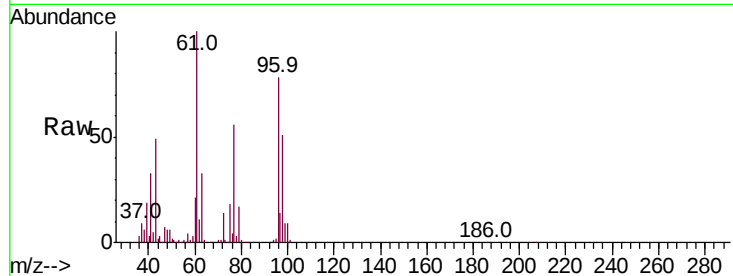


#27

cis-1,2-Dichloroethene
Concen: 57.142 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :

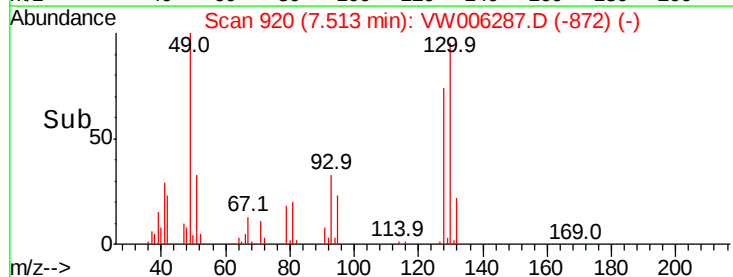
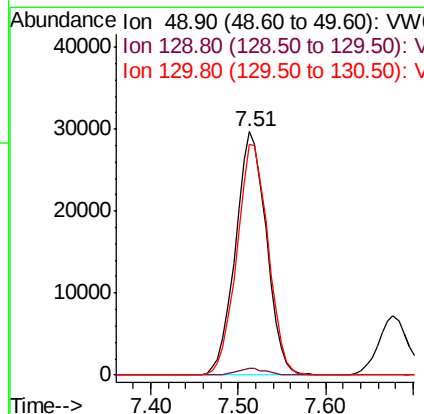
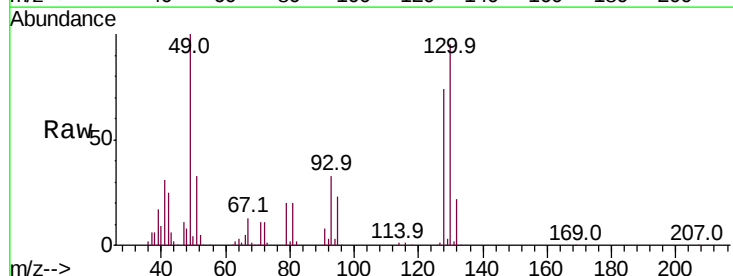
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	267.2
98	65.0	0.0	128.6

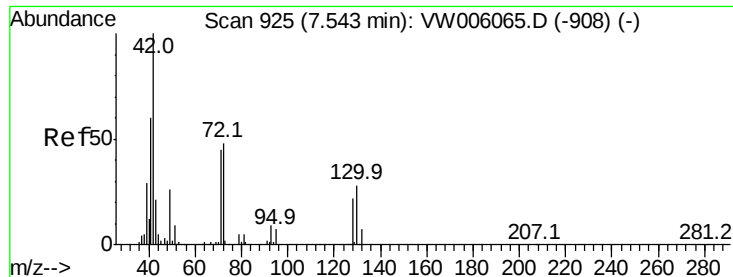


#28

Bromochloromethane
Concen: 56.833 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	96.0	73.8	110.8

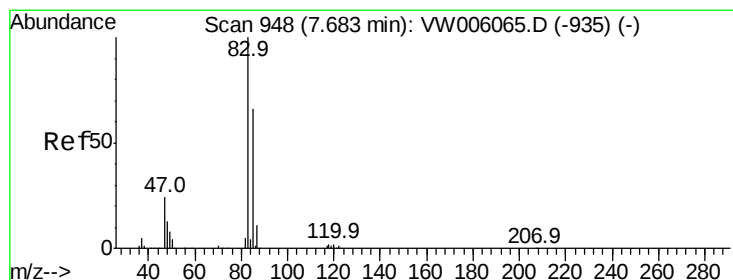
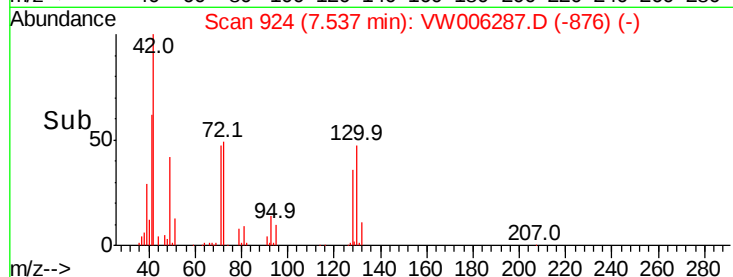
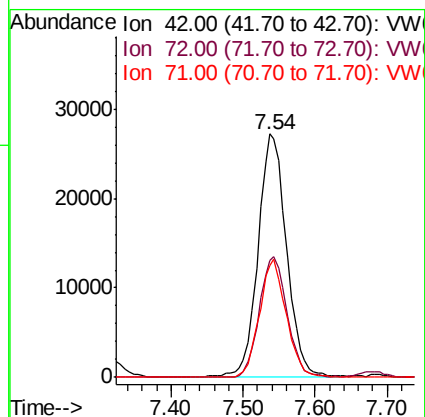
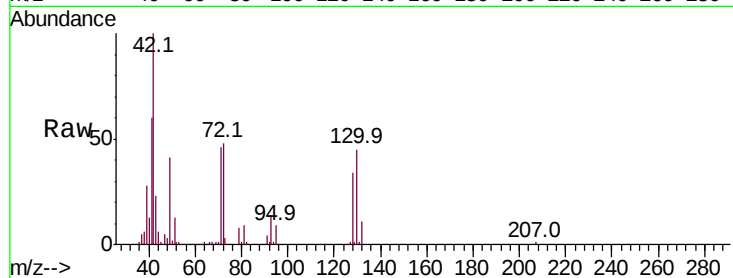




#29
Tetrahydrofuran
Concen: 249.403 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

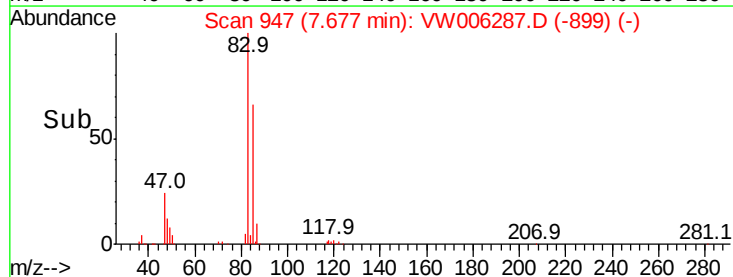
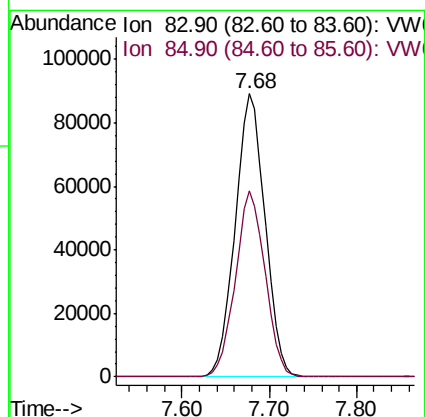
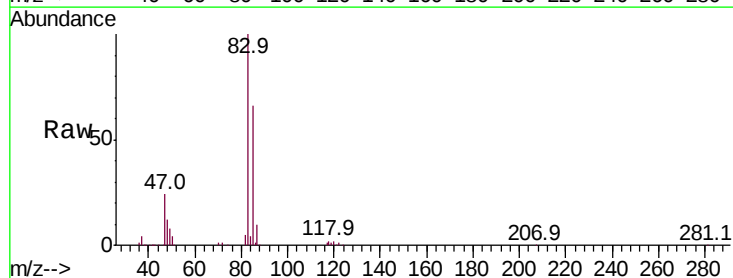
Instrument :
MSVOA_W
ClientSampleId :

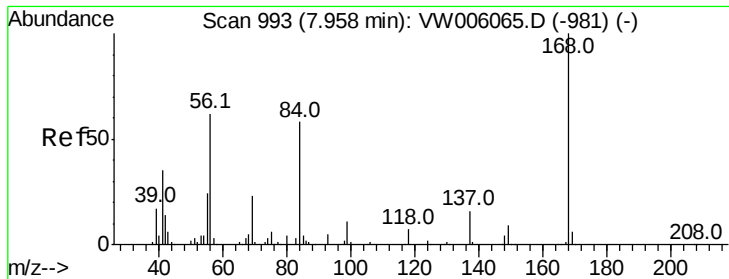
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	38.0	57.0
71	45.6	35.3	52.9



#30
Chloroform
Concen: 58.503 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	79.0

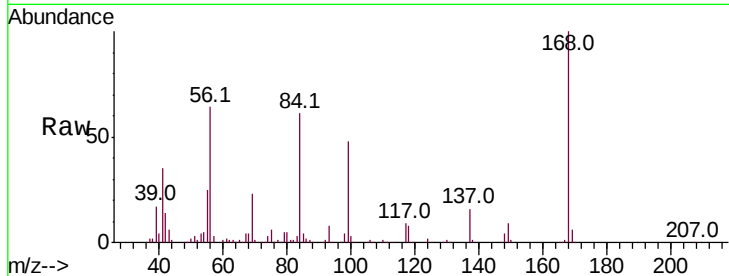




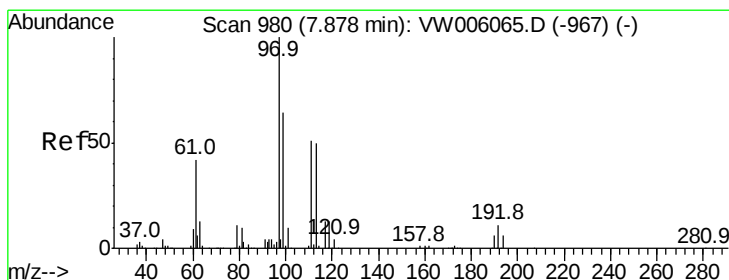
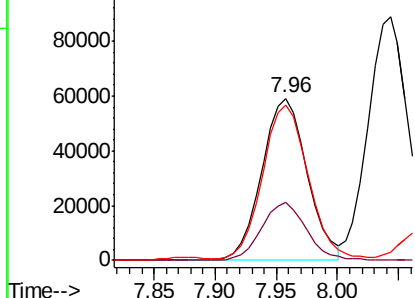
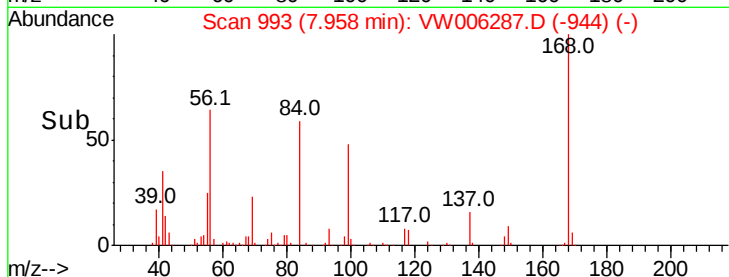
#31
Cyclohexane
Concen: 46.234 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 152771
Ion Ratio Lower Upper
56 100
69 35.4 29.4 44.0
84 94.2 74.0 111.0

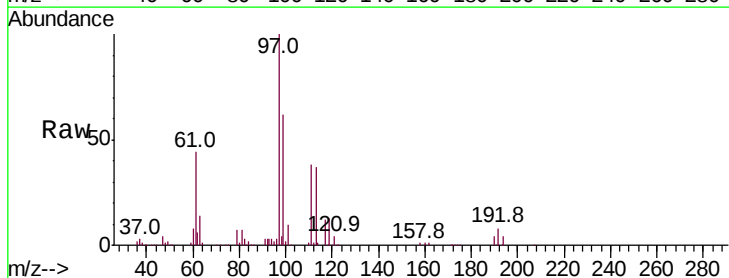


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

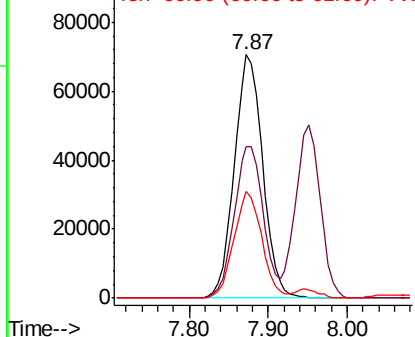
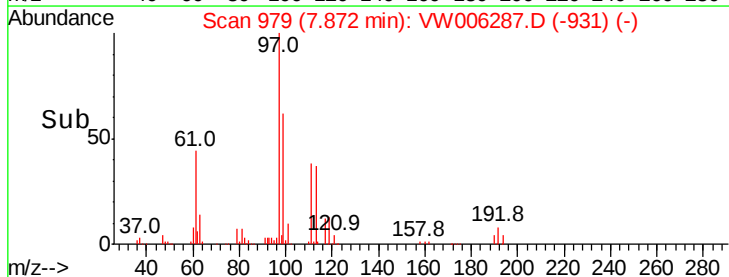


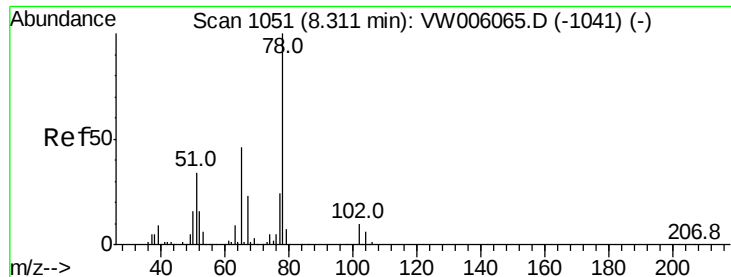
#32
1,1,1-Trichloroethane
Concen: 54.169 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 97 Resp: 176643
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 43.2 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 49.984 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

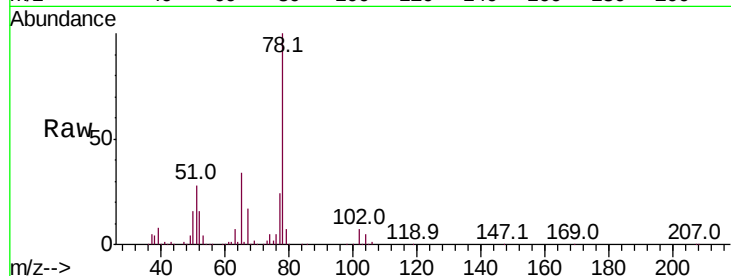
ClientSampled :

Tot Ion: 65 Resp: 90259

Ion Ratio Lower Upper

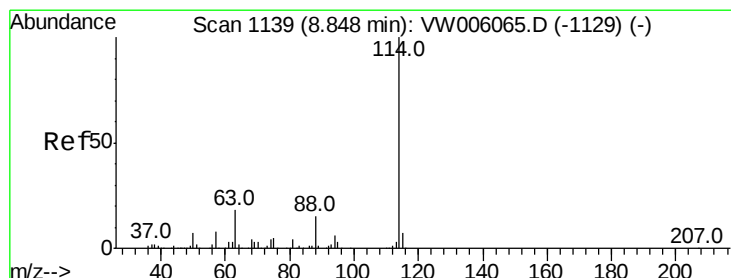
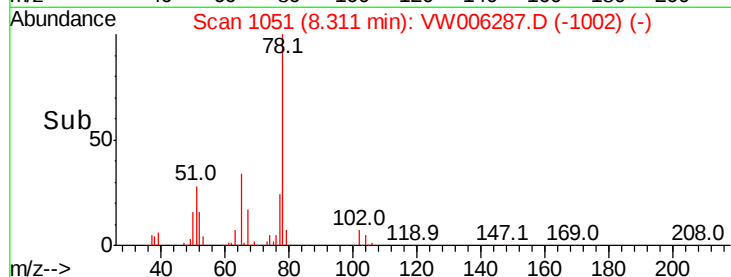
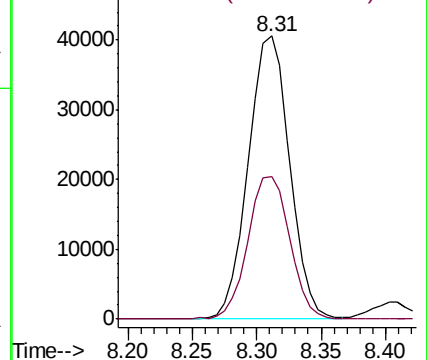
65 100

67 51.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

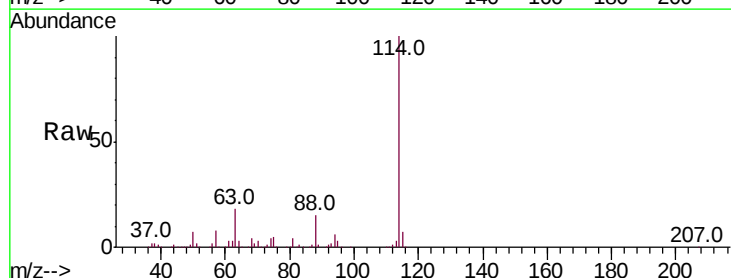
Tgt Ion: 114 Resp: 331880

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

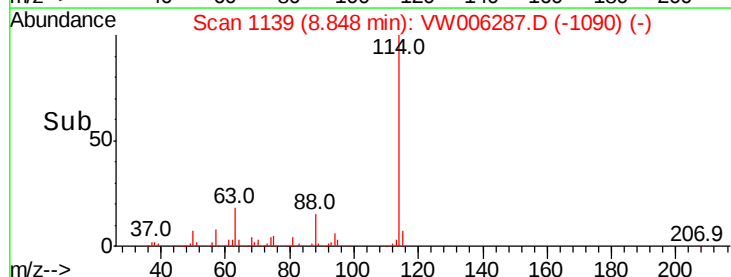
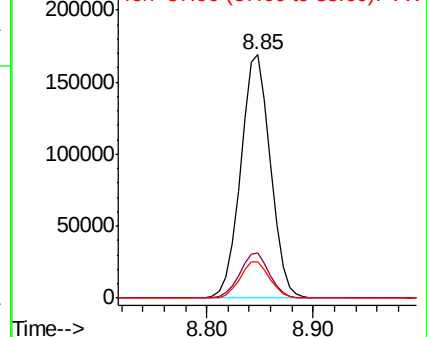
88 14.8 0.0 29.0

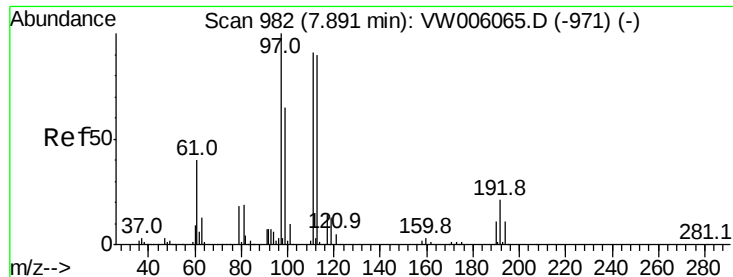


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

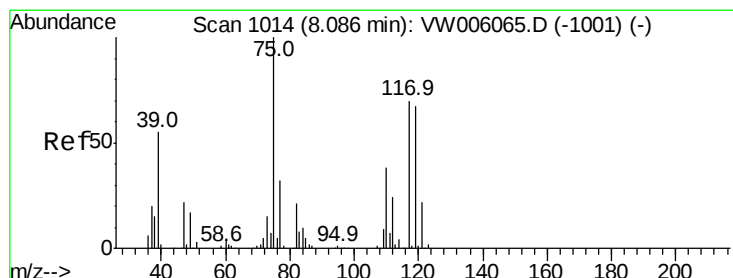
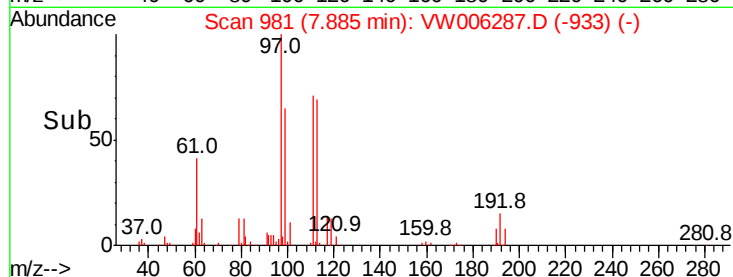
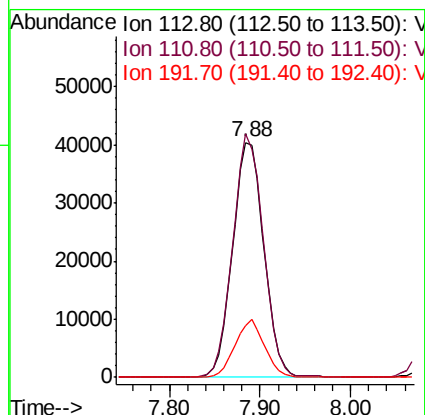
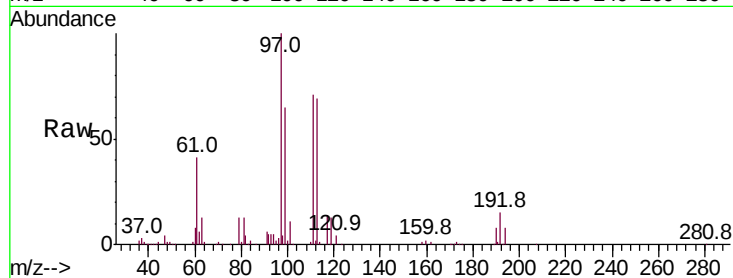




#35
 Dibromofluoromethane
 Concen: 49.449 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

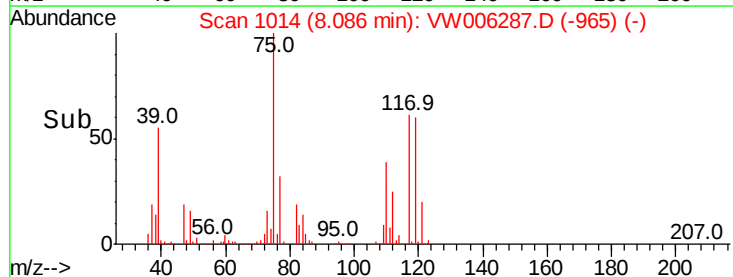
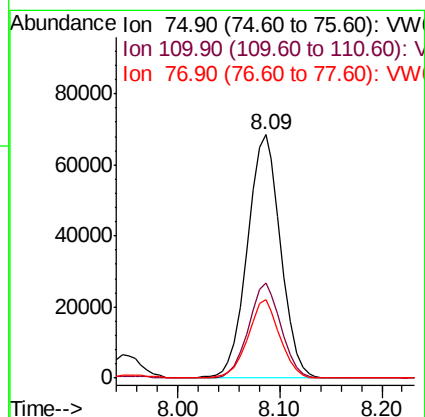
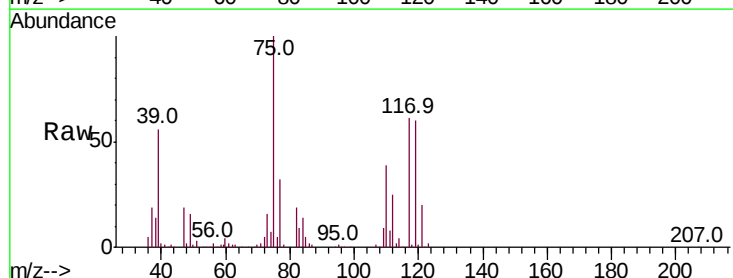
Instrument :
 MSVOA_W
 ClientSampleId :

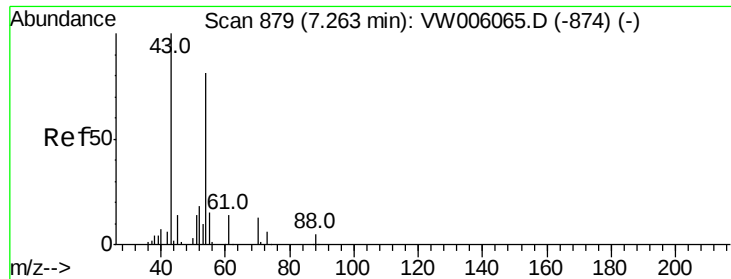
Tot Ion:113 Resp: 96973
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 50.675 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion: 75 Resp: 155015
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.1 57.1
 77 31.0 25.0 37.4

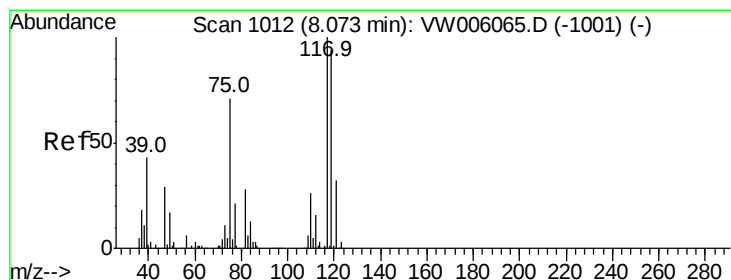
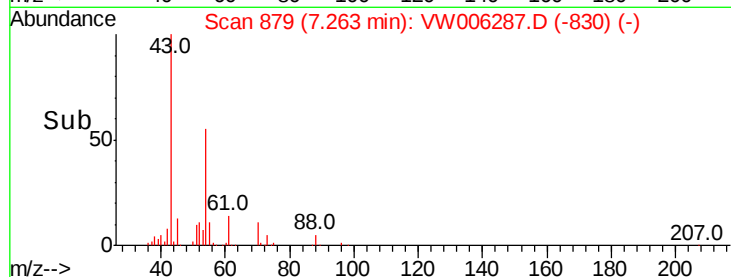
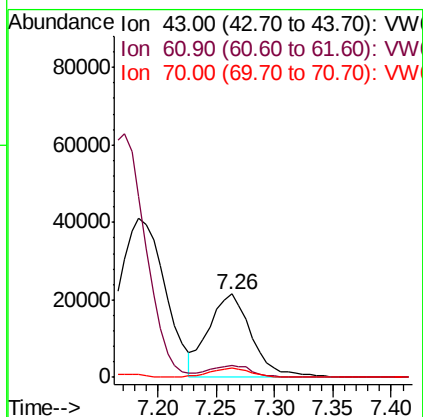
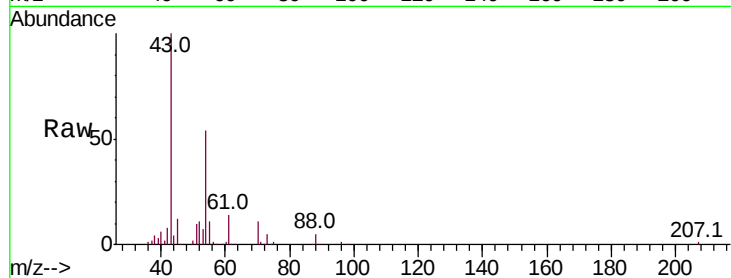




#37
Ethyl Acetate
Concen: 47.932 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

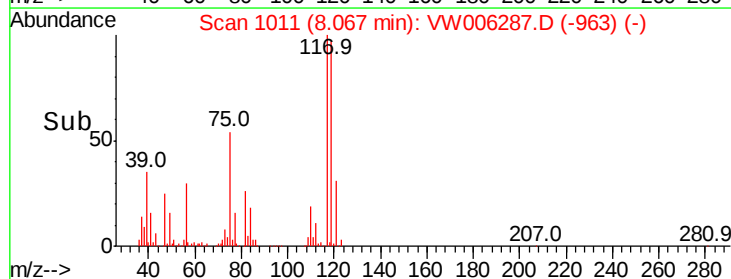
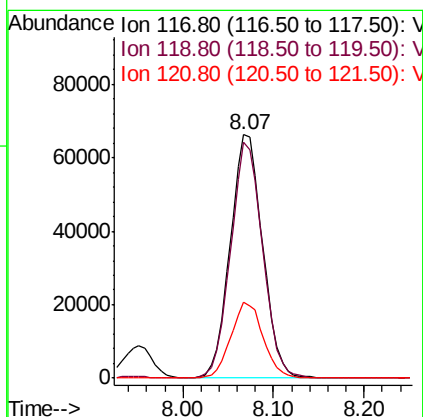
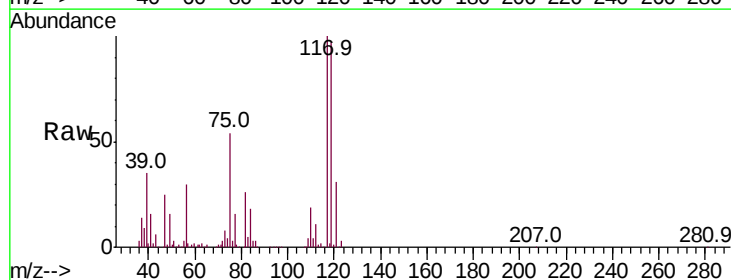
Instrument :
MSVOA_W
ClientSampled :

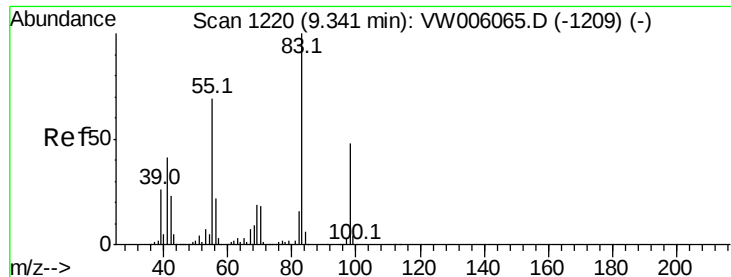
Tot Ion: 43 Resp: 54477
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 10.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 48.814 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 117 Resp: 163694
Ion Ratio Lower Upper
117 100
119 96.7 75.2 112.8
121 31.3 25.3 37.9

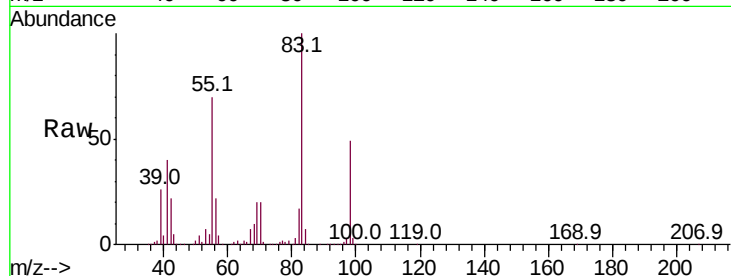




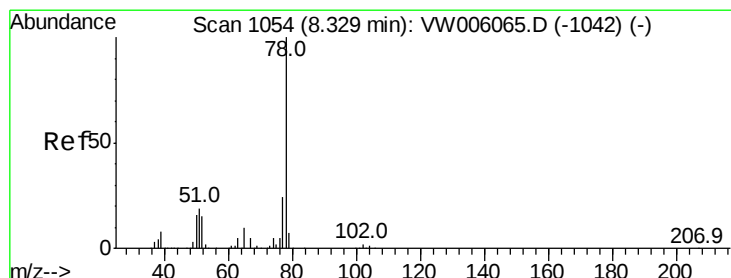
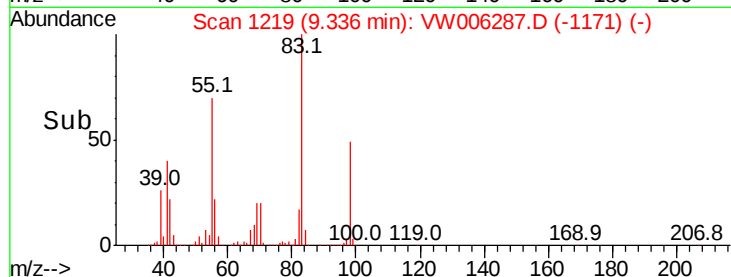
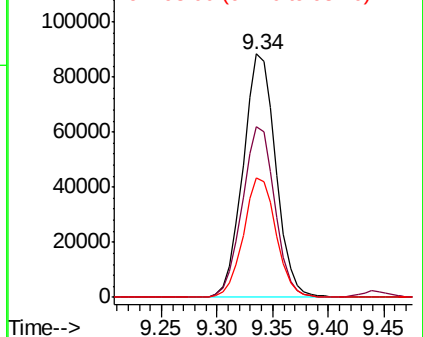
#39
Methvlcvclohexane
Concen: 44.430 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 180664
Ion Ratio Lower Upper
83 100
55 70.1 55.0 82.6
98 49.3 38.6 57.8

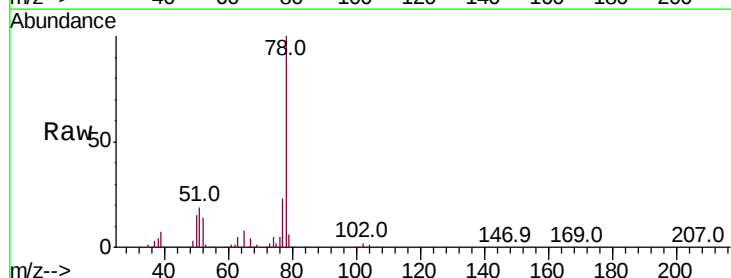


Abundance Ion 83.00 (82.70 to 83.70): VW
120000 Ion 55.00 (54.70 to 55.70): VW
100000 Ion 98.00 (97.70 to 98.70): VW

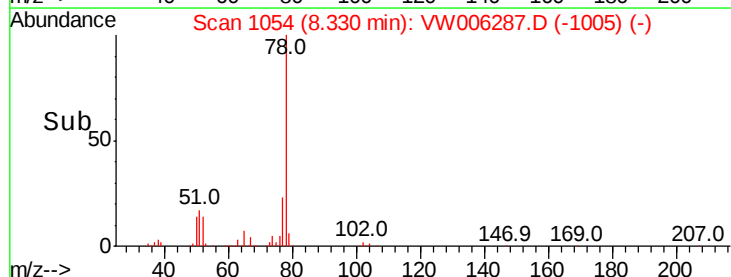
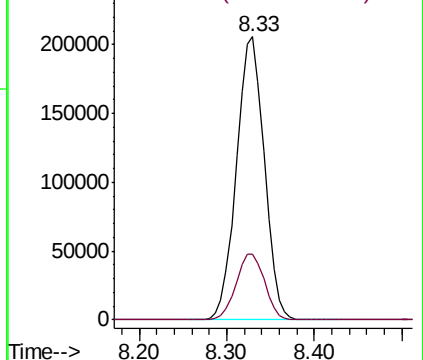


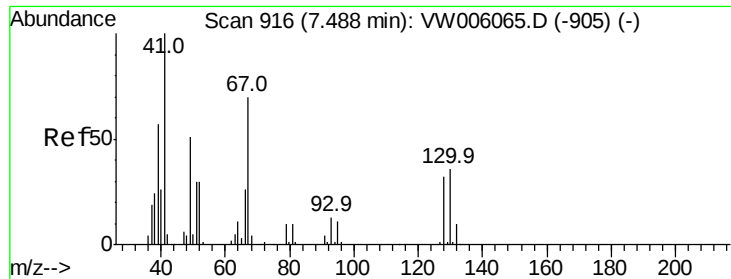
#40
Benzene
Concen: 54.275 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 78 Resp: 455425
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
200000 Ion 77.00 (76.70 to 77.70): VW

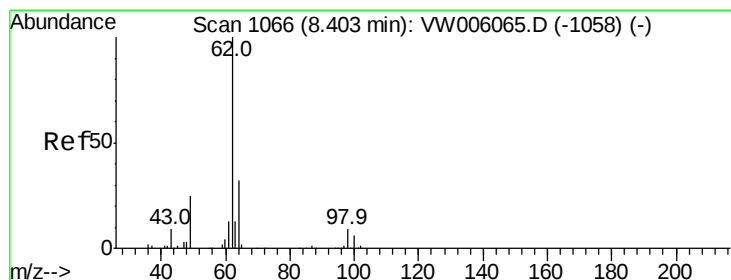
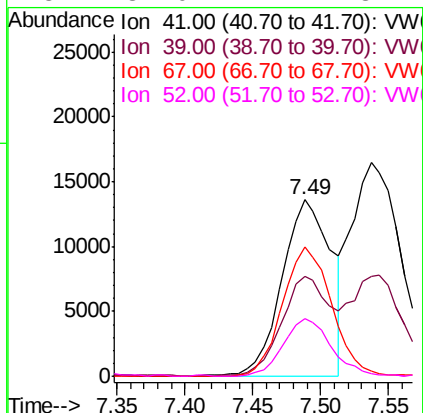
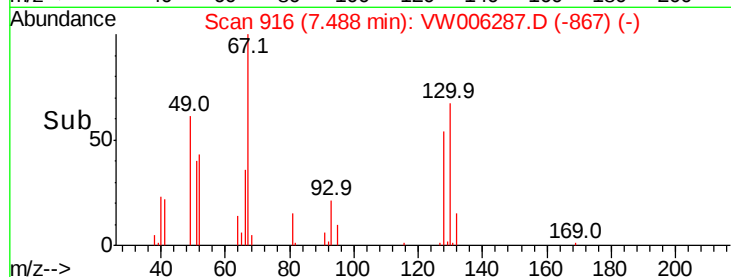
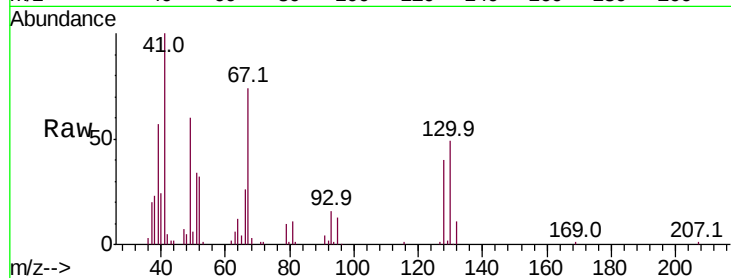




#41
Methacrylonitrile
Concen: 49.778 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

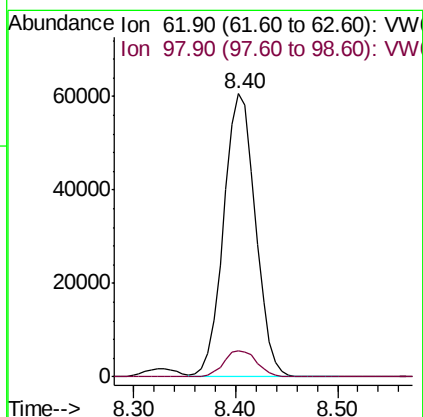
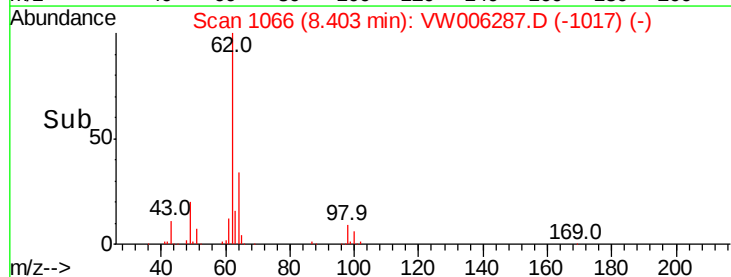
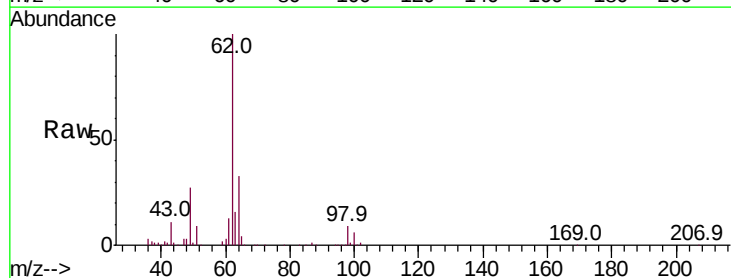
Instrument :
MSVOA_W
ClientSampled :

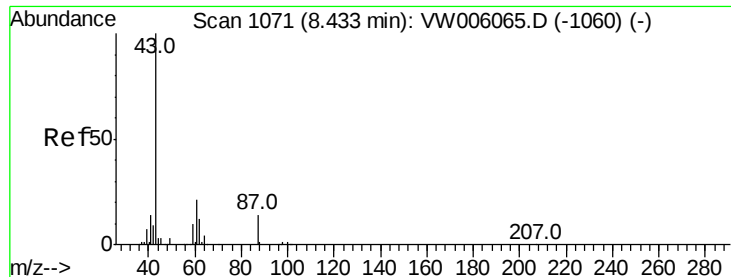
Tot Ion: 41 Resp: 34105
Ion Ratio Lower Upper
41 100
39 56.7 46.2 69.4
67 73.5 57.7 86.5
52 32.0 24.7 37.1



#42
1,2-Dichloroethane
Concen: 53.120 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 62 Resp: 130956
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 47.544 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

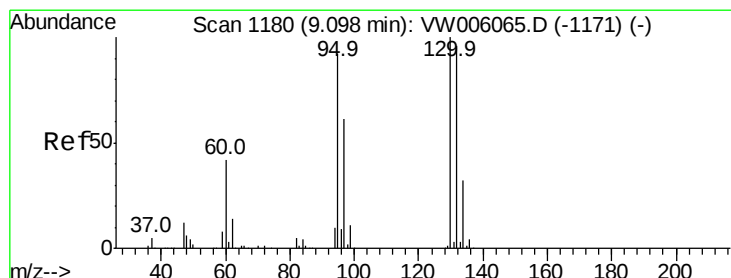
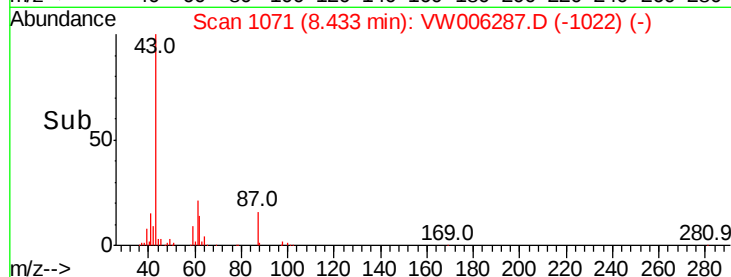
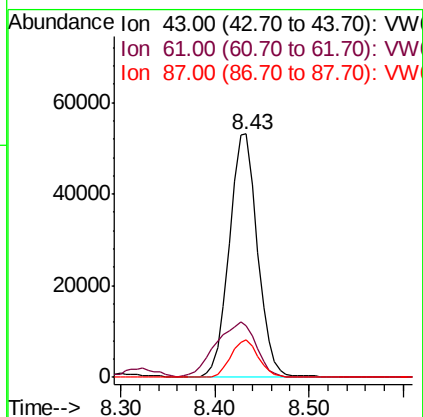
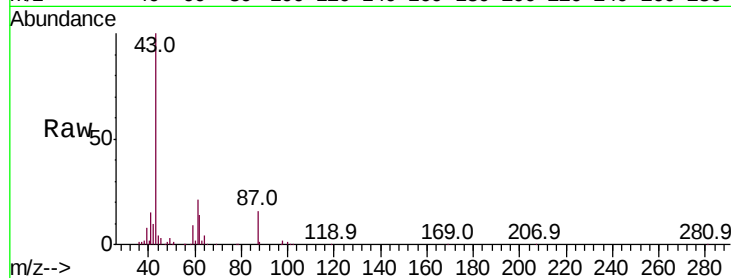
Tot Ion: 43 Resp: 110484

Ion Ratio Lower Upper

43 100

61 32.5 25.5 38.3

87 15.1 11.7 17.5



#44

Trichloroethene

Concen: 51.910 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006287.D

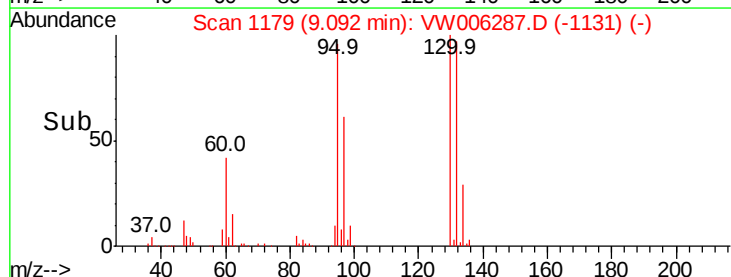
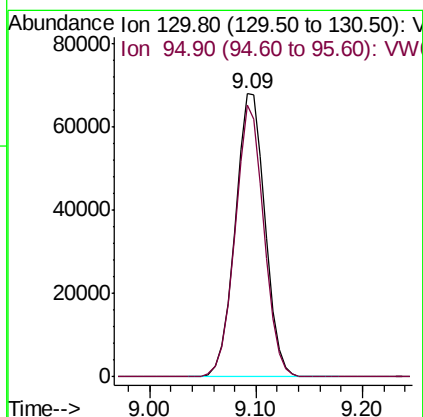
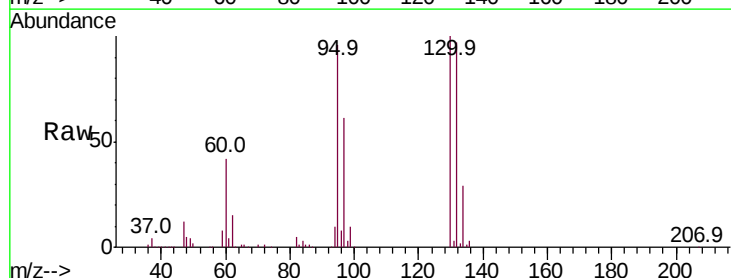
Acq: 23 Oct 2018 08:48

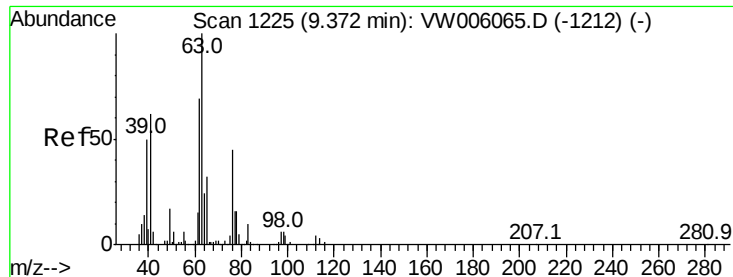
Tgt Ion:130 Resp: 133635

Ion Ratio Lower Upper

130 100

95 95.9 0.0 183.2





#45

1,2-Dichloropropane

Concen: 53.575 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

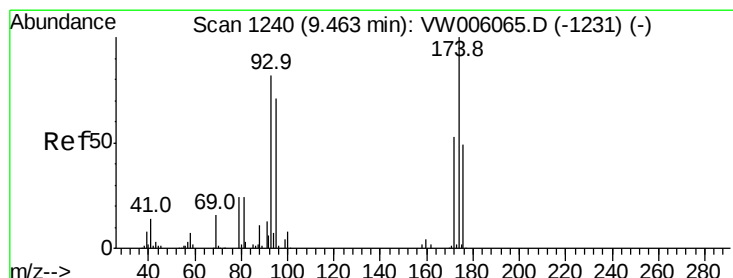
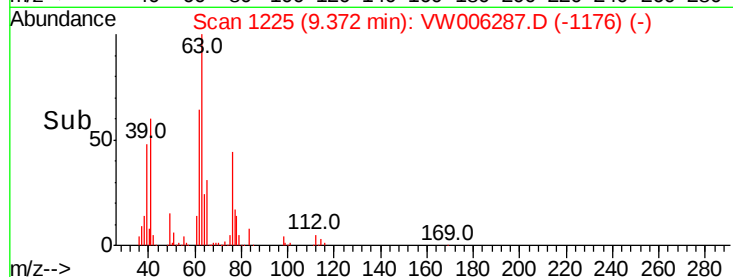
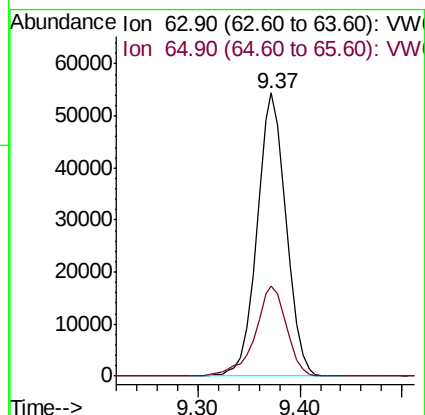
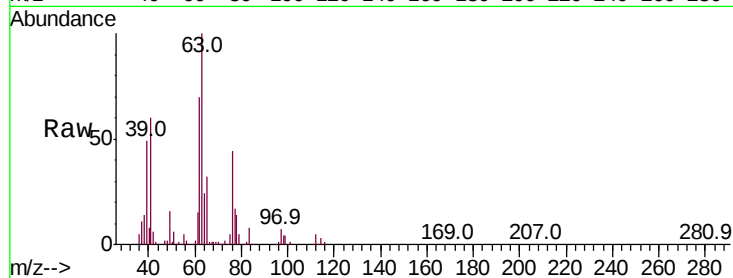
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 107575

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



#46

Dibromomethane

Concen: 52.827 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

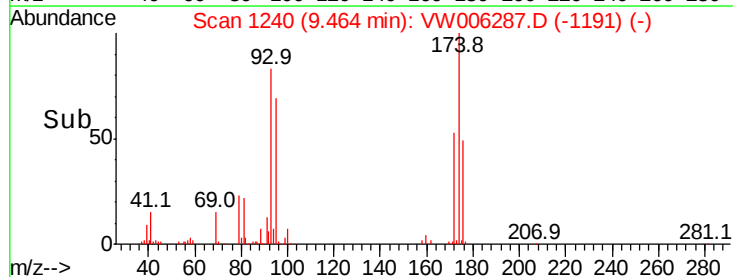
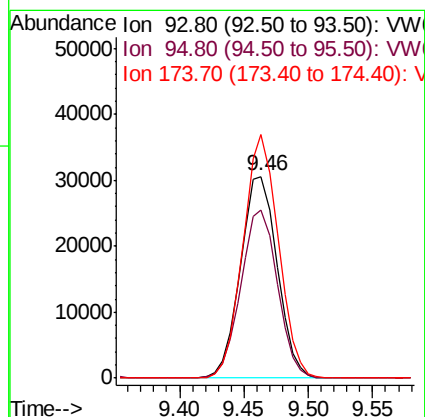
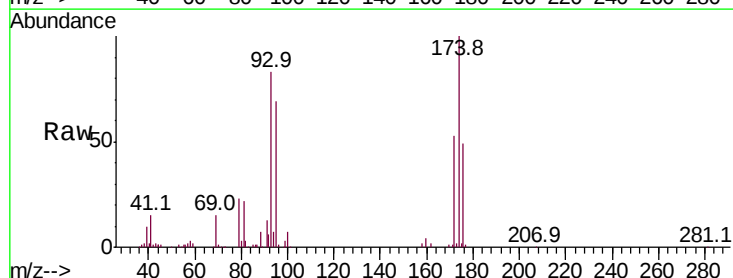
Tgt Ion: 93 Resp: 60456

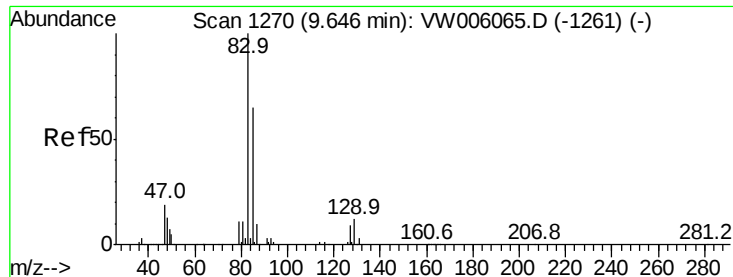
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 116.2 93.7 140.5





#47

Bromodichloromethane

Concen: 52.677 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampled :

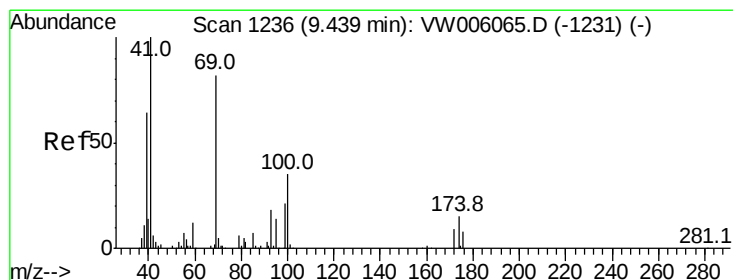
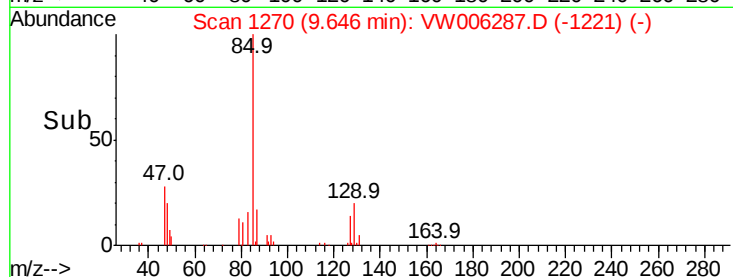
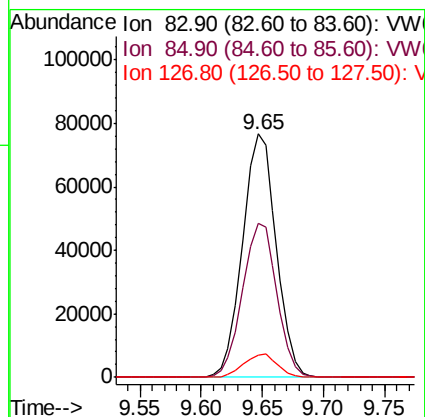
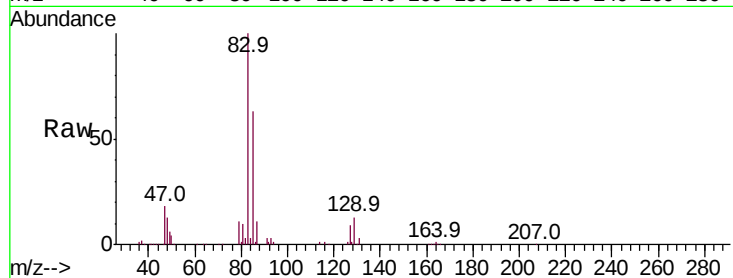
Tot Ion: 83 Resp: 146159

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8

127 9.1 6.9 10.3



#48

Methyl methacrylate

Concen: 49.350 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

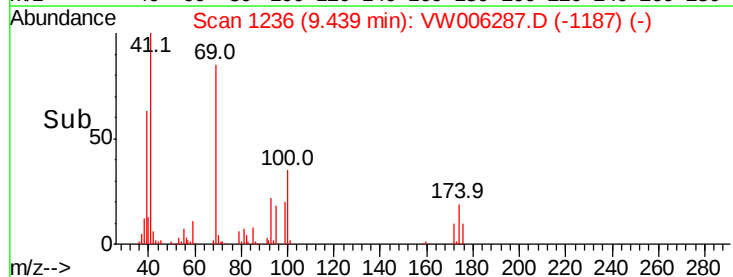
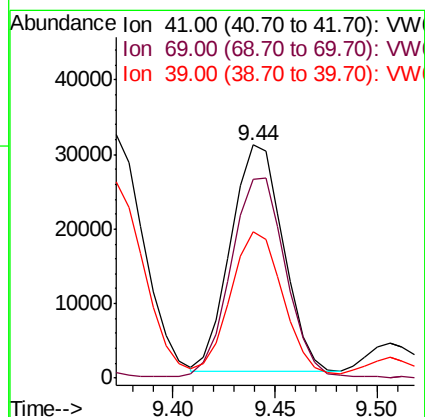
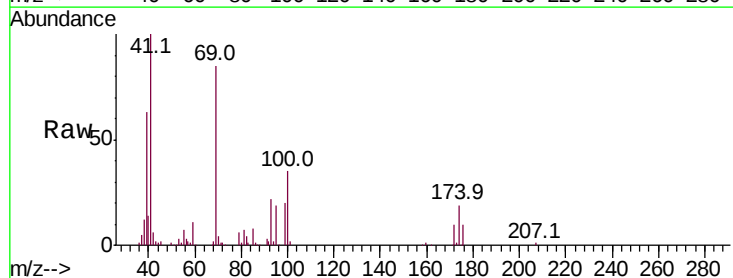
Tgt Ion: 41 Resp: 54360

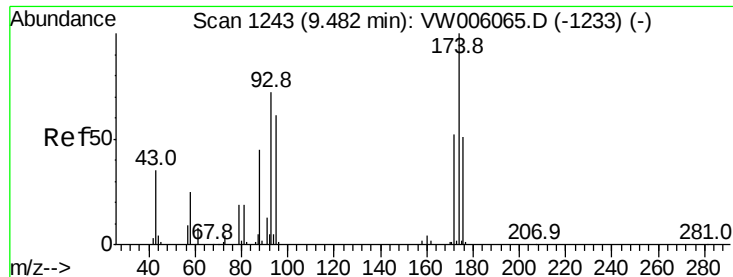
Ion Ratio Lower Upper

41 100

69 92.8 71.8 107.8

39 66.3 52.5 78.7

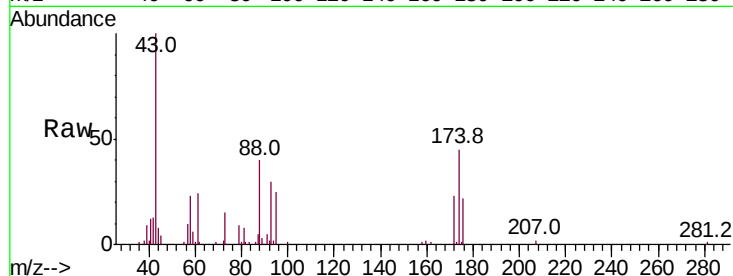




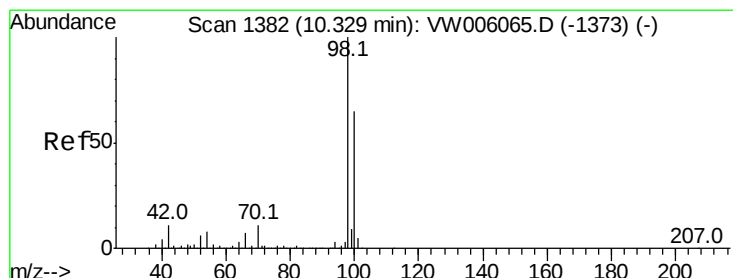
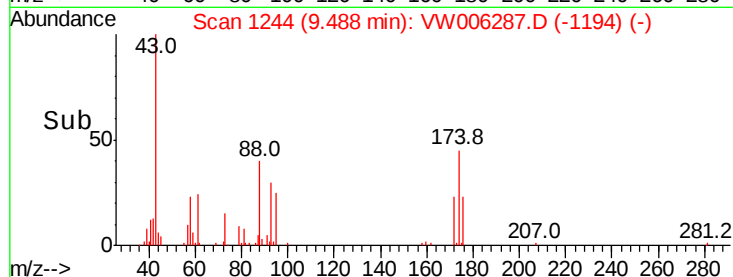
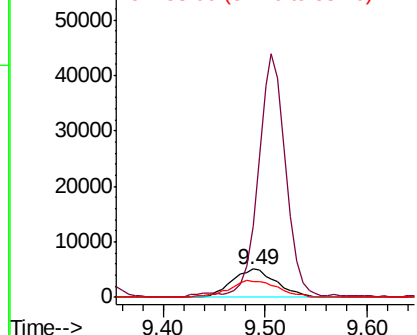
#49
 1,4-Dioxane
 Concen: 885.798 ug/l
 RT: 9.49 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 88 Resp: 15606
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 64.6 51.2 76.8

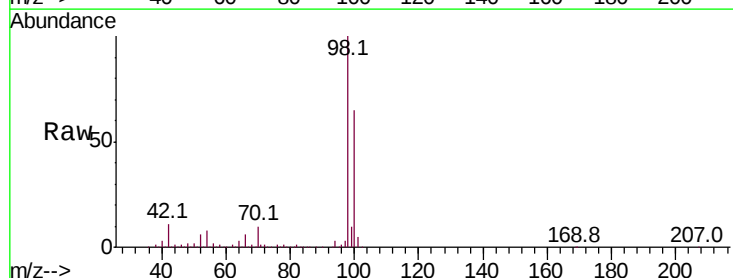


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

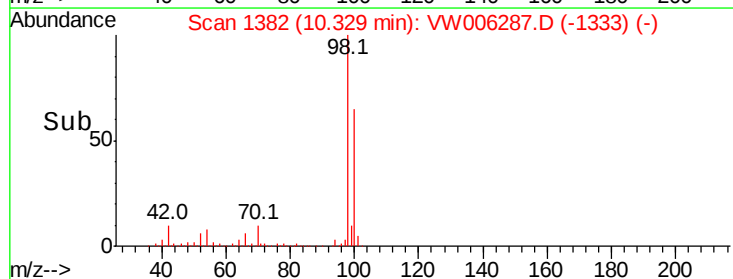
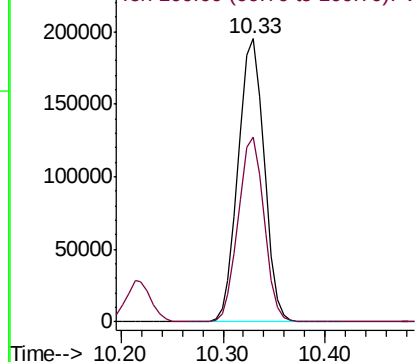


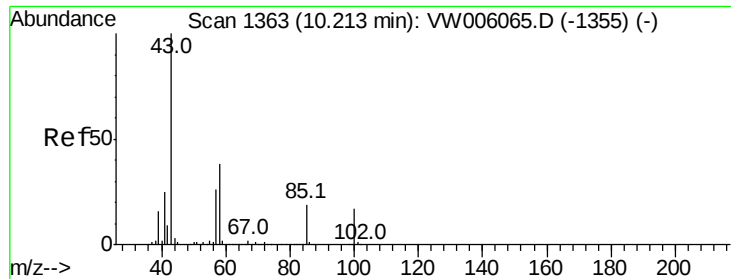
#50
 Toluene-d8
 Concen: 46.192 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion: 98 Resp: 344631
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.6 77.4



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: 238.908 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

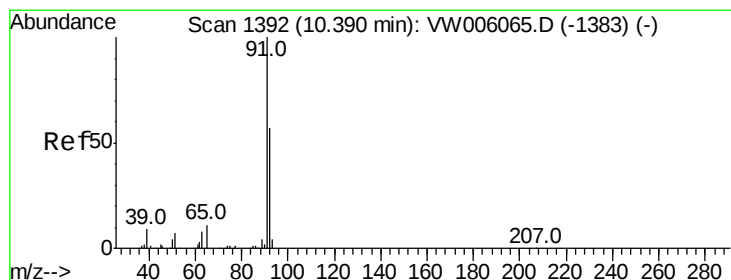
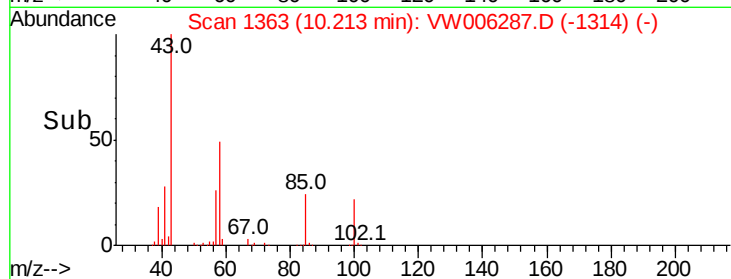
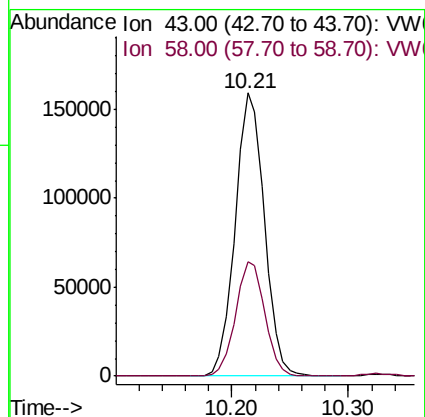
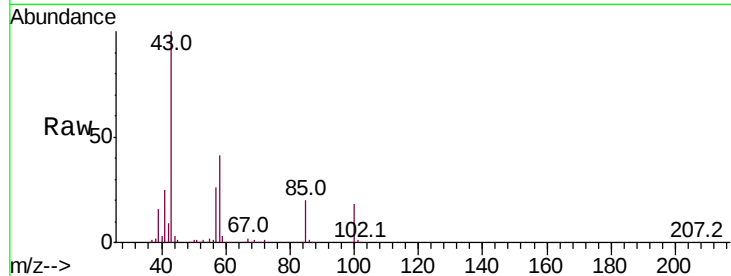
ClientSampled :

Tot Ion: 43 Resp: 278165

Ion Ratio Lower Upper

43 100

58 40.4 31.5 47.3



#52

Toluene

Concen: 52.624 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006287.D

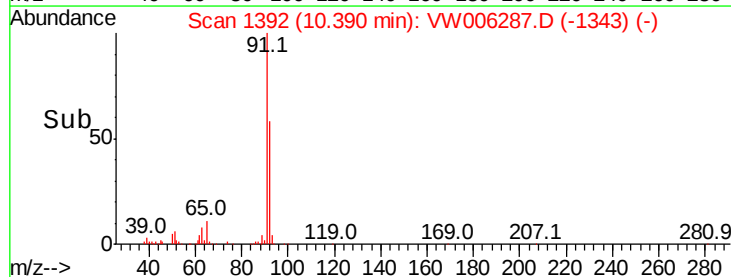
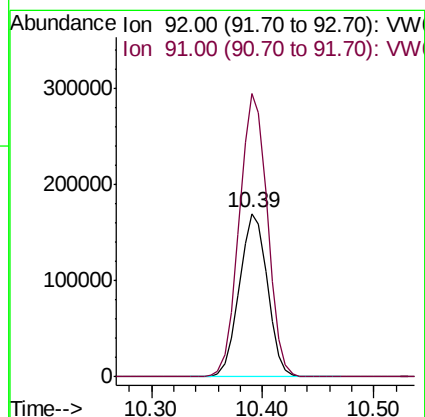
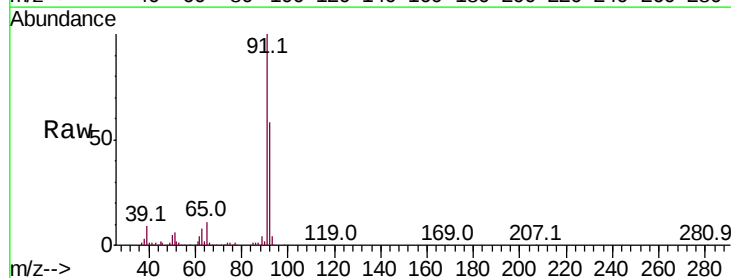
Acq: 23 Oct 2018 08:48

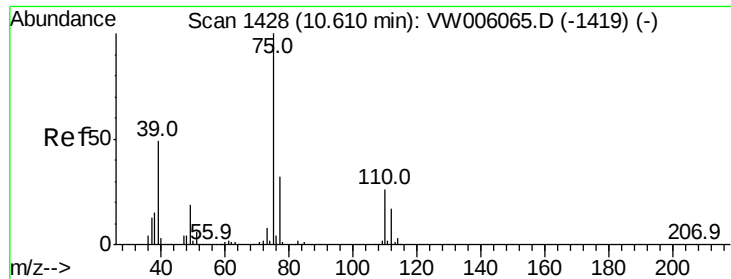
Tgt Ion: 92 Resp: 296041

Ion Ratio Lower Upper

92 100

91 173.7 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 46.266 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

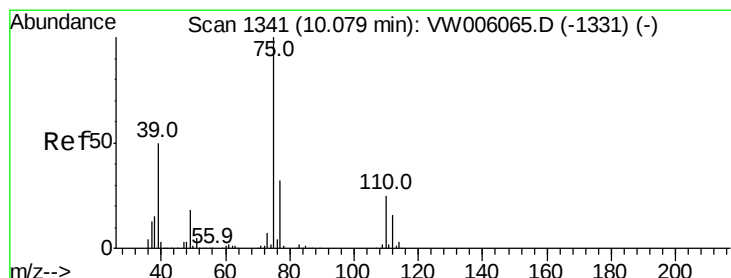
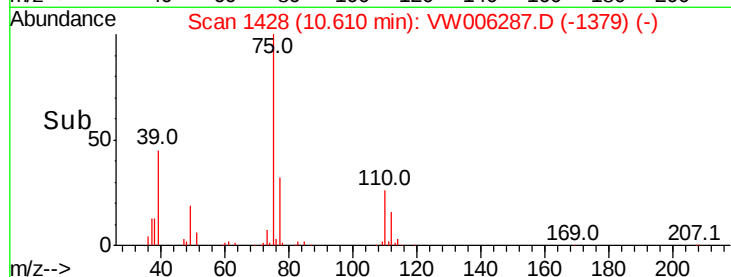
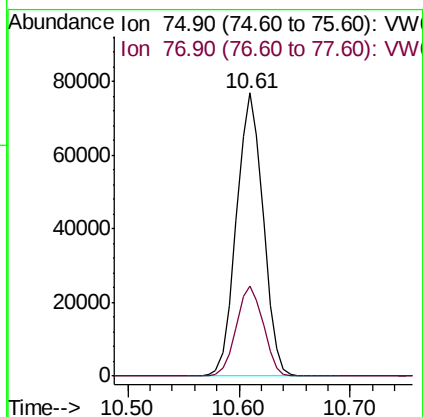
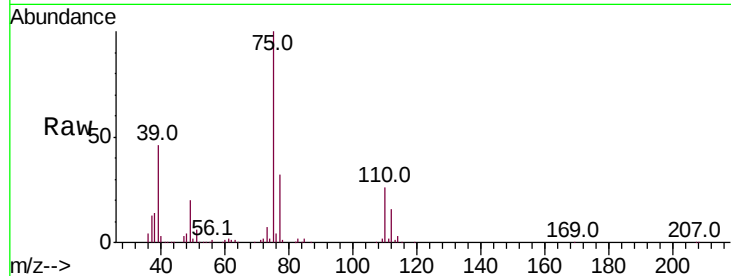
ClientSampleId :

Tot Ion: 75 Resp: 127898

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.719 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

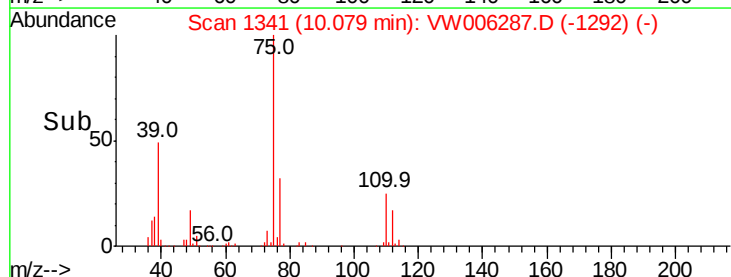
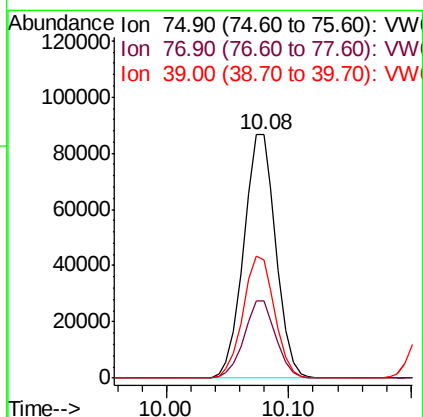
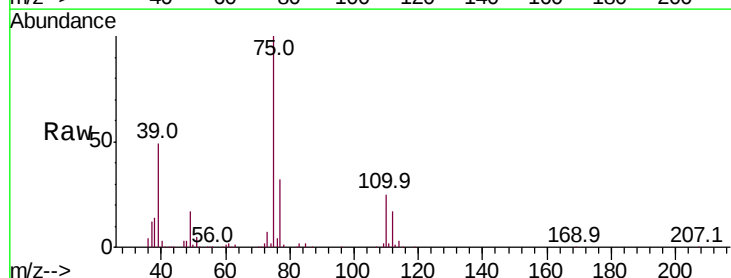
Tgt Ion: 75 Resp: 157741

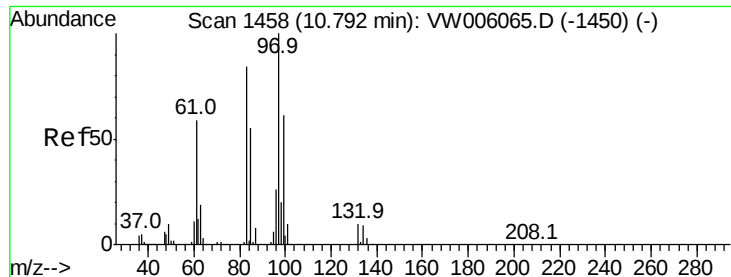
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 48.8 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 53.938 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

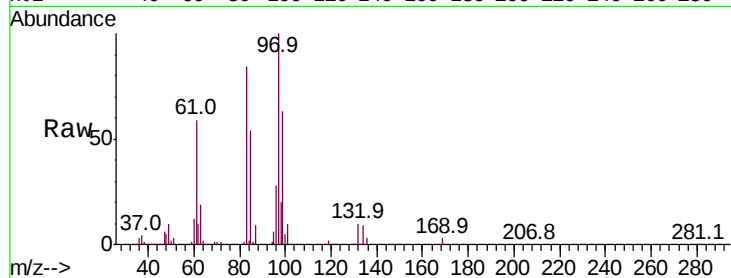
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 86381

Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.2	100.8
85	53.9	43.7	65.5
99	63.4	48.5	72.7

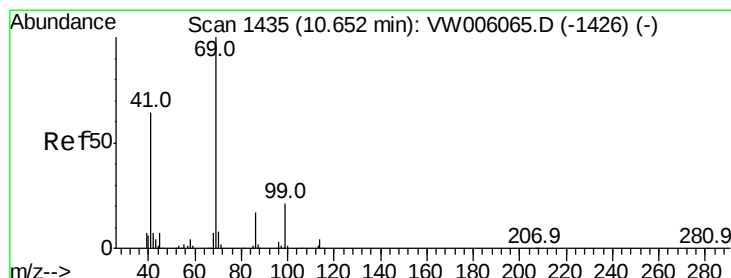
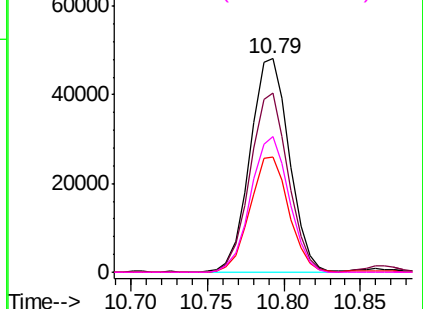
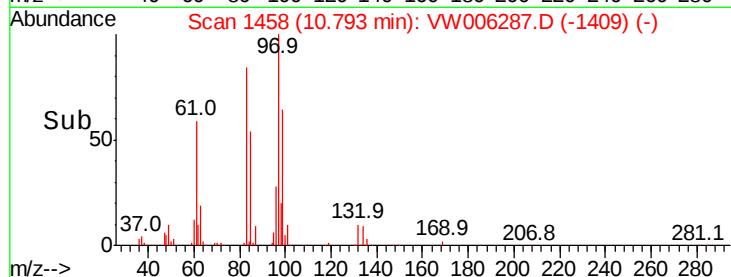


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 49.222 ug/l

RT: 10.65 min Scan# 1435

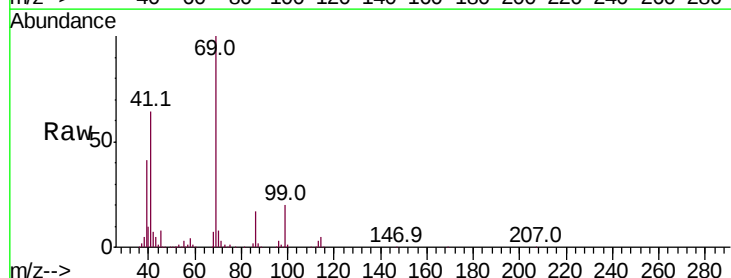
Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Tgt Ion: 69 Resp: 96638

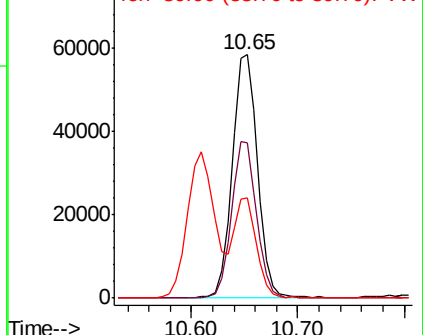
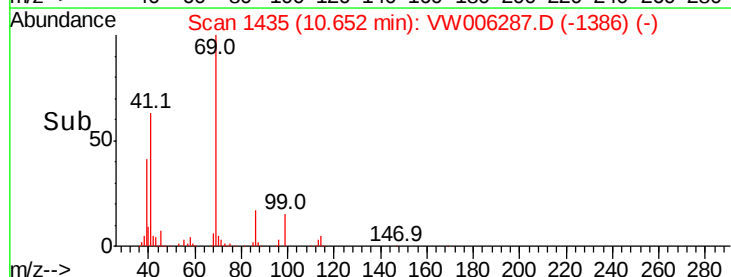
Ion	Ratio	Lower	Upper
69	100		
41	63.6	52.8	79.2
39	35.3	30.6	45.8

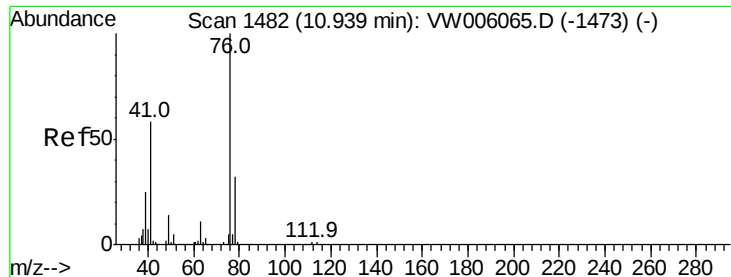


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 52.752 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

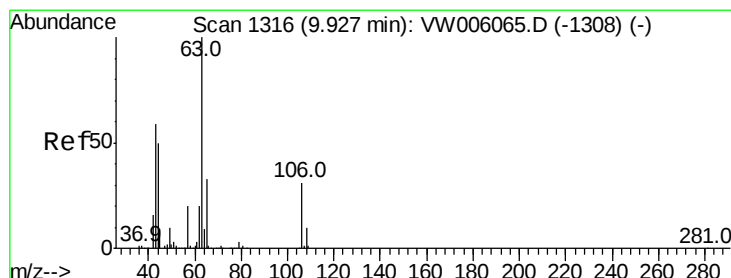
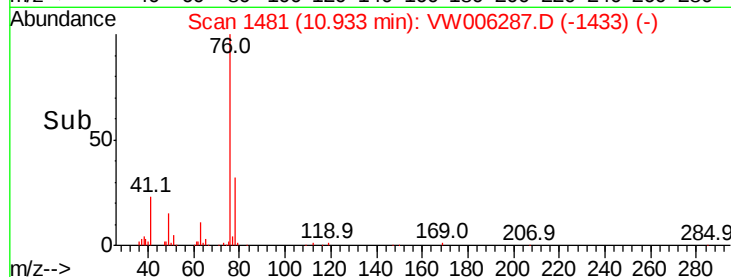
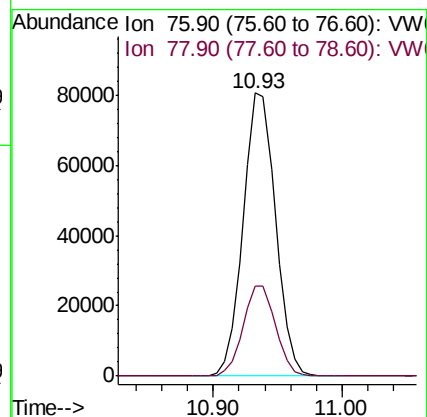
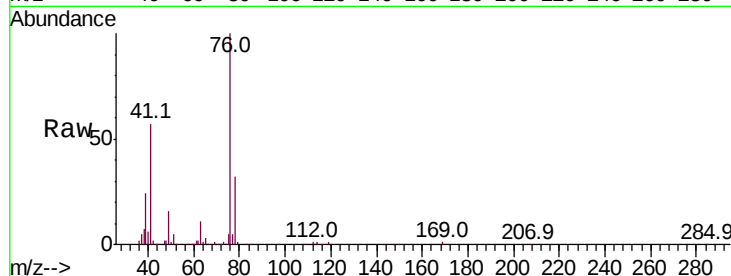
ClientSampleId :

Tot Ion: 76 Resp: 139850

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 217.405 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006287.D

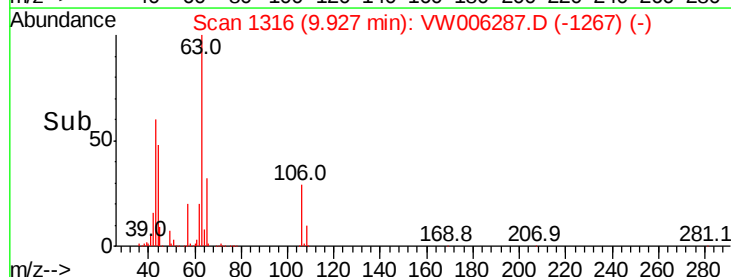
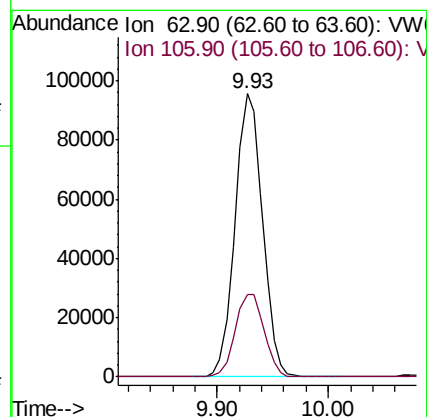
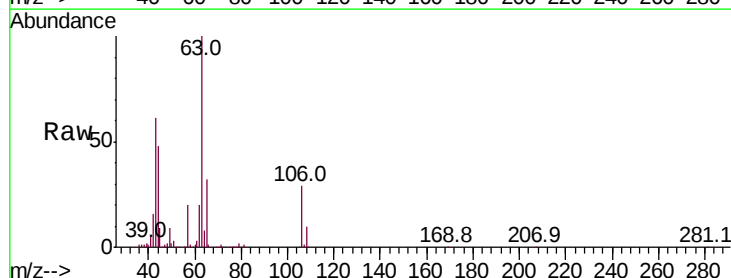
Acq: 23 Oct 2018 08:48

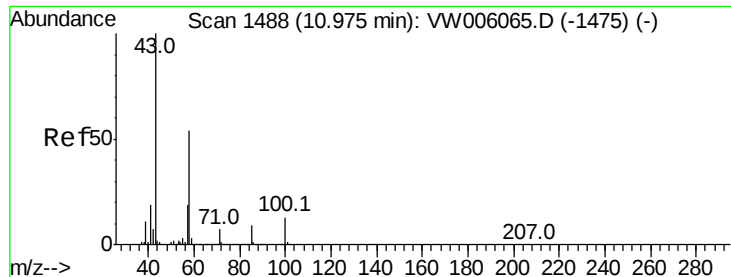
Tgt Ion: 63 Resp: 163097

Ion Ratio Lower Upper

63 100

106 30.7 24.5 36.7





#59

2-Hexanone

Concen: 221.445 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

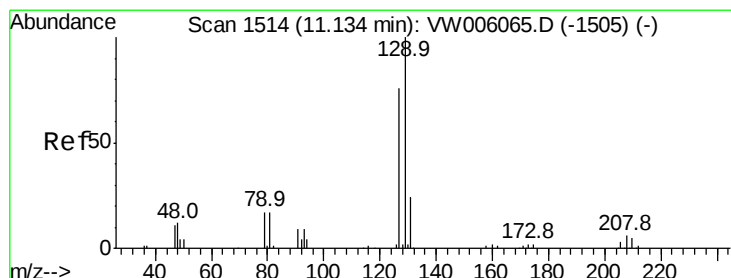
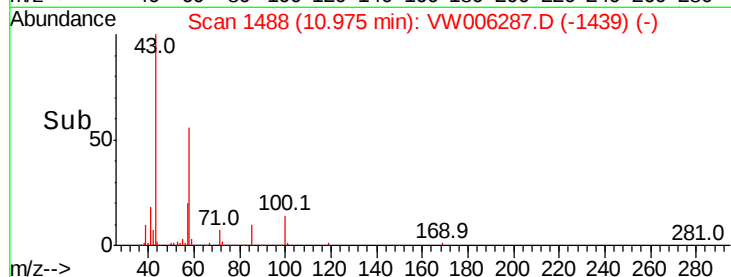
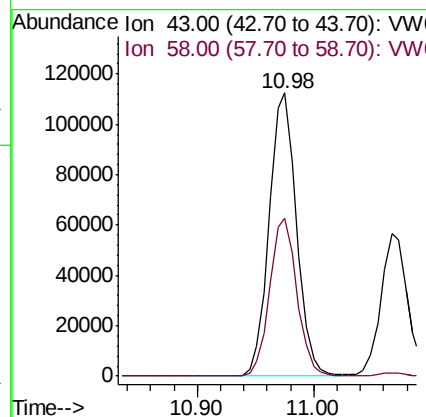
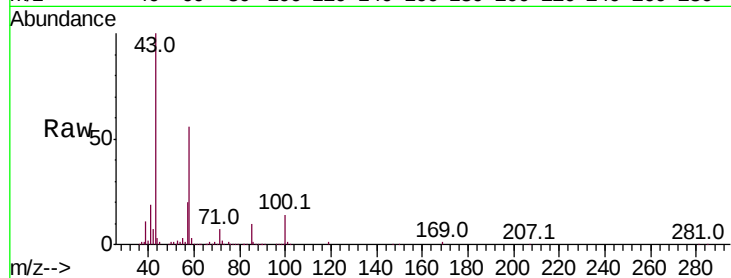
ClientSampled :

Tot Ion: 43 Resp: 184050

Ion Ratio Lower Upper

43 100

58 55.5 26.9 80.6



#60

Dibromochloromethane

Concen: 51.545 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW006287.D

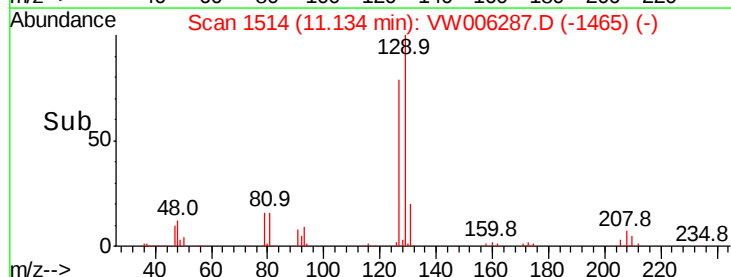
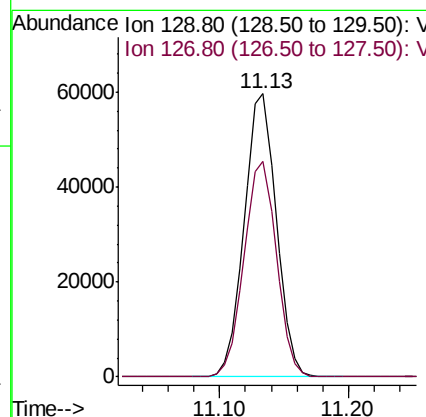
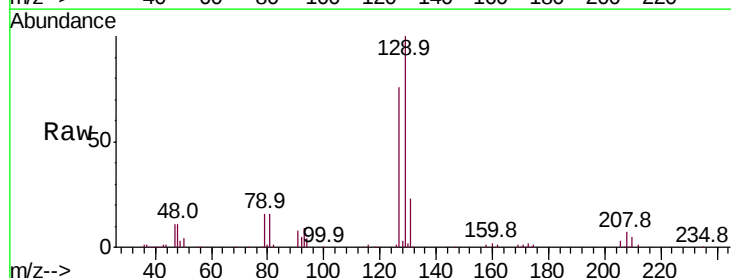
Acq: 23 Oct 2018 08:48

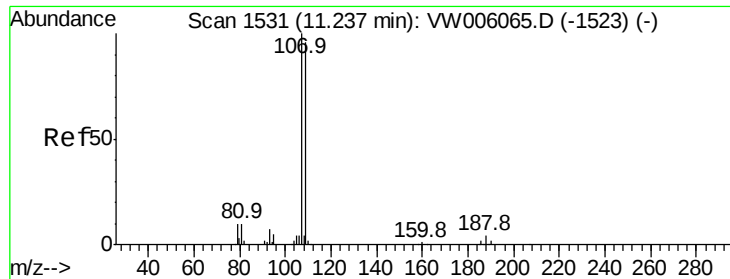
Tgt Ion: 129 Resp: 102822

Ion Ratio Lower Upper

129 100

127 76.8 38.6 115.7

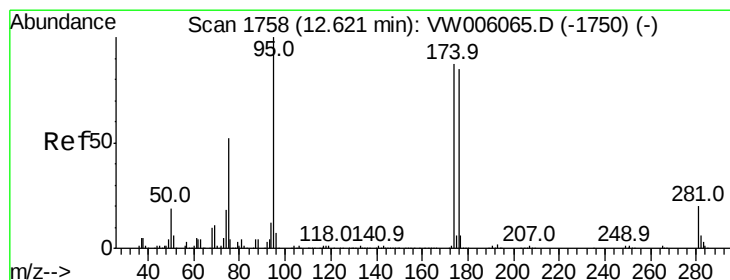
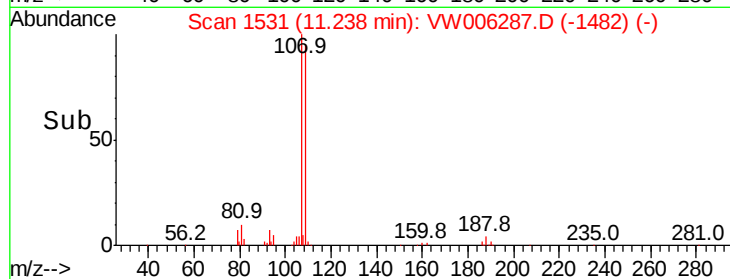
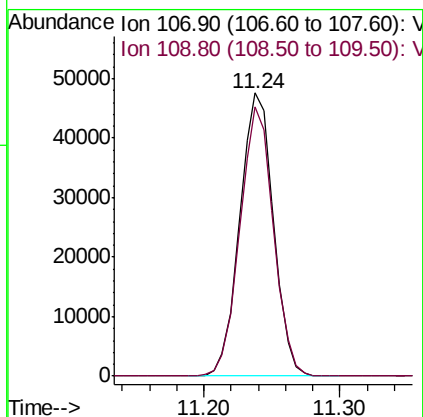
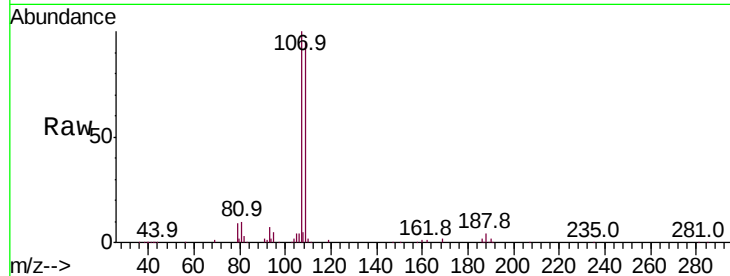




#61
 1,2-Dibromoethane
 Concen: 51.410 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

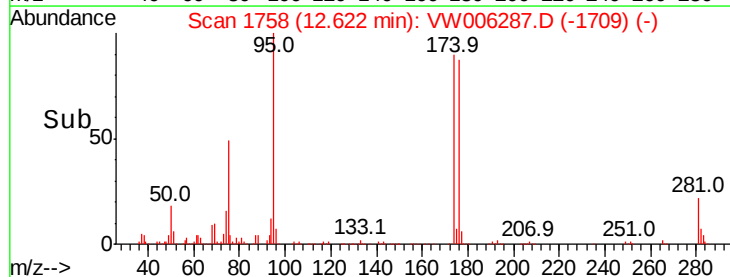
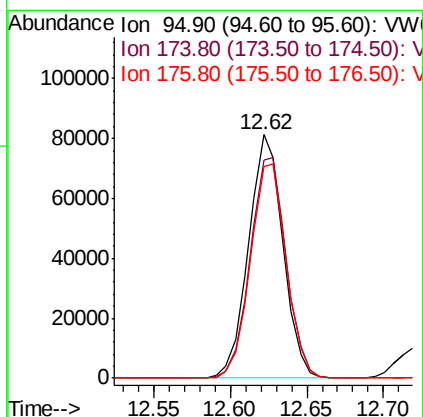
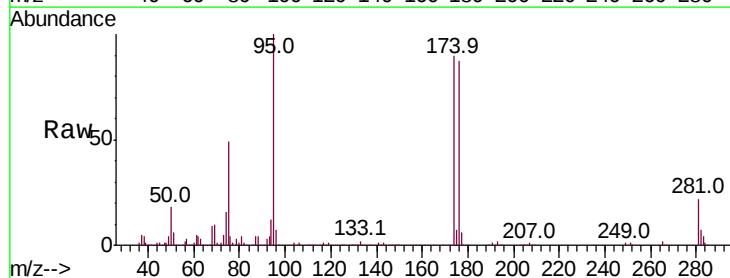
Instrument :
 MSVOA_W
 ClientSampled :

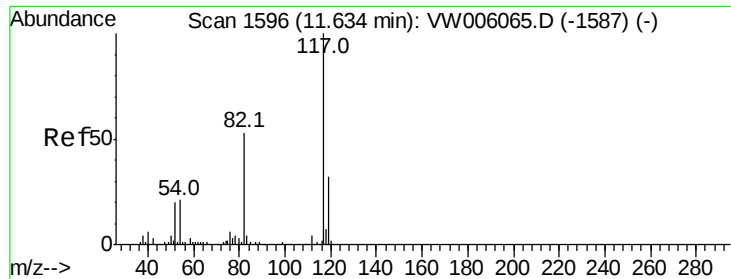
Tot Ion:107 Resp: 82266
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 45.402 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion: 95 Resp: 127227
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 186.0
 176 91.3 0.0 181.6

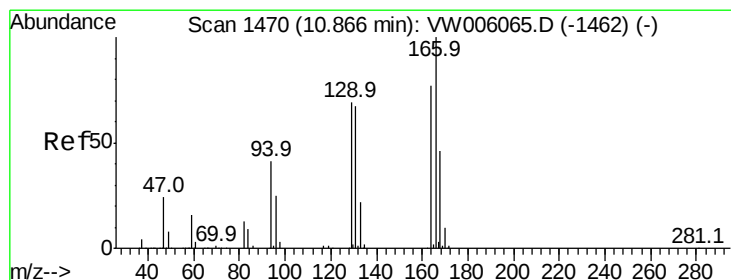
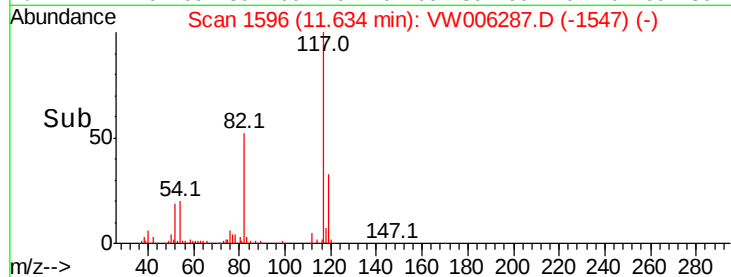
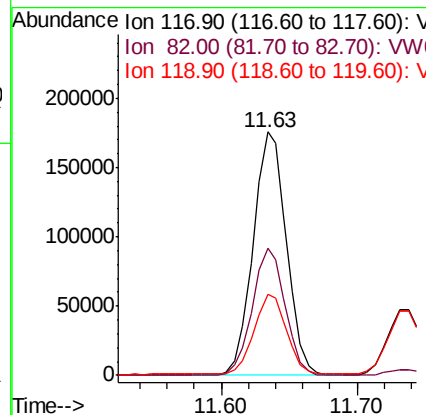
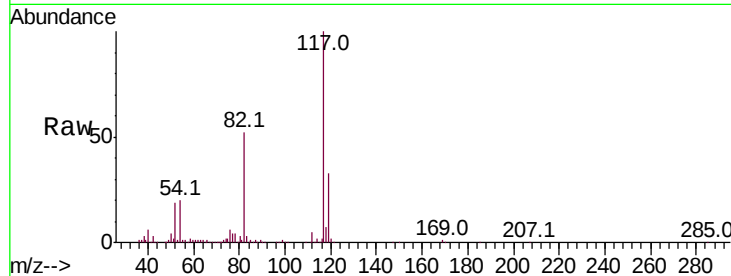




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

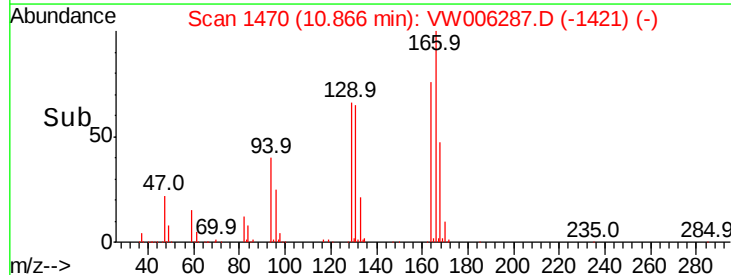
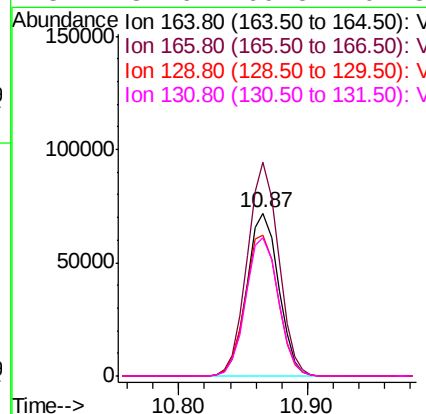
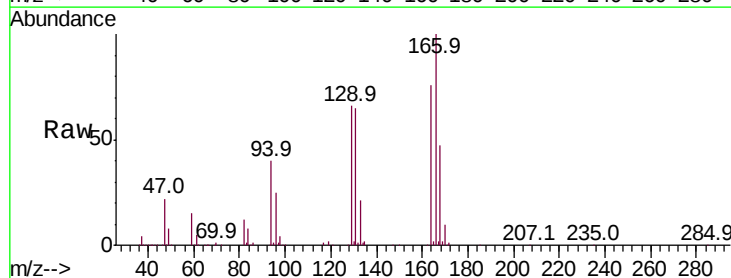
Instrument :
MSVOA_W
ClientSampleId :

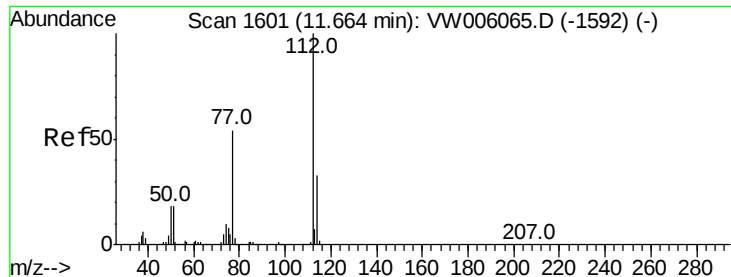
Tot Ion:117 Resp: 299979
Ion Ratio Lower Upper
117 100
82 52.0 42.1 63.1
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 52.582 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion:164 Resp: 122450
Ion Ratio Lower Upper
164 100
166 131.0 103.4 155.0
129 86.4 71.8 107.8
131 84.6 69.5 104.3

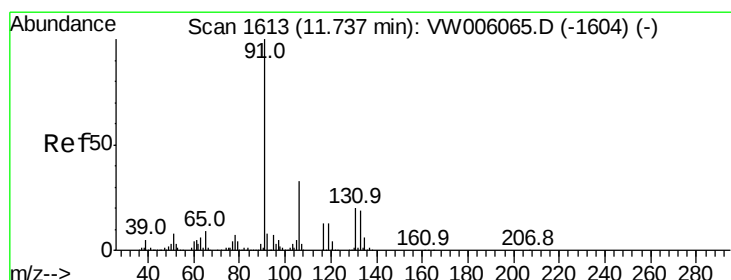
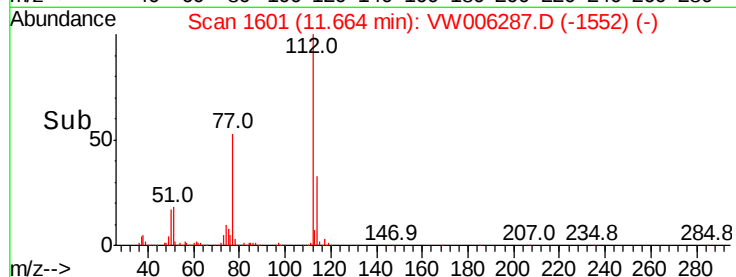
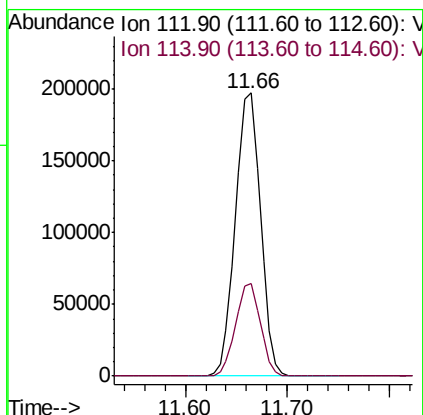
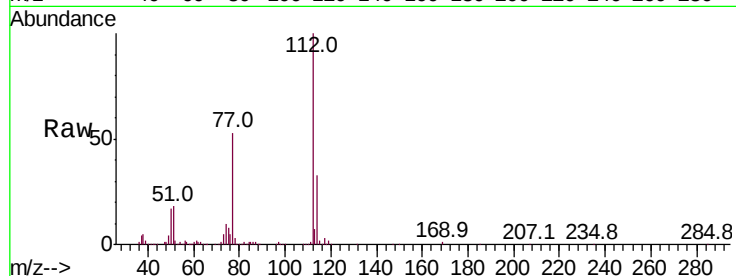




#65
Chlorobenzene
Concen: 52.393 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

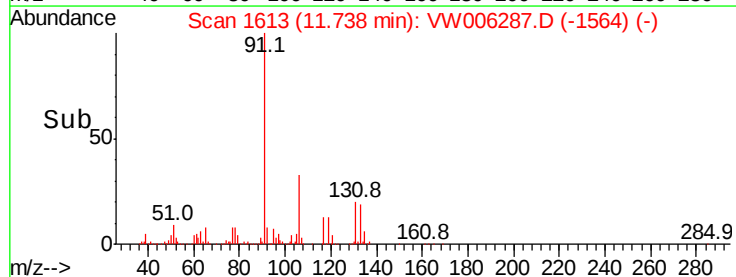
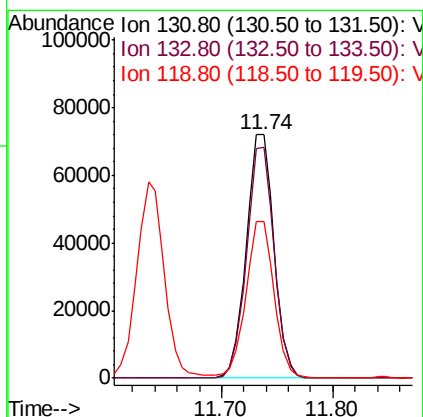
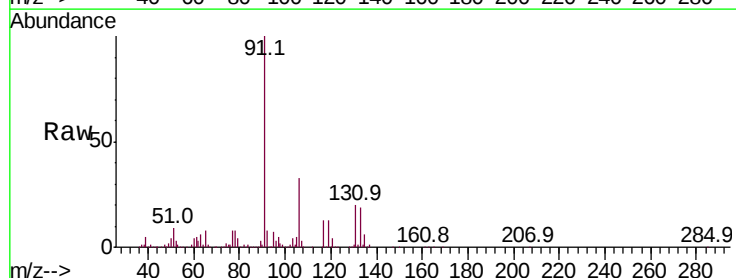
Instrument :
MSVOA_W
ClientSampled :

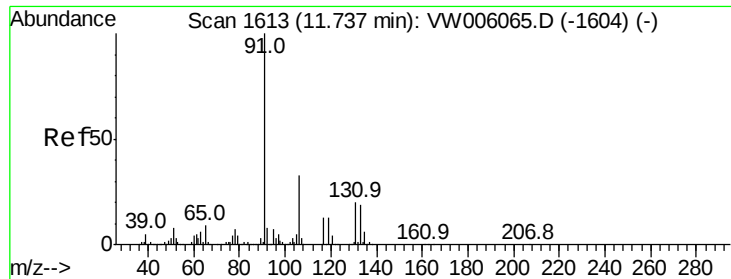
Tot Ion:112 Resp: 336453
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.381 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion:131 Resp: 124105
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 51.720 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

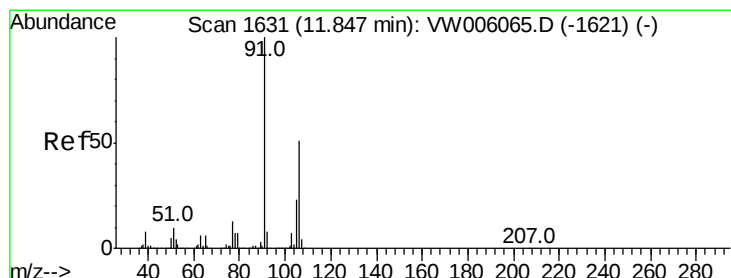
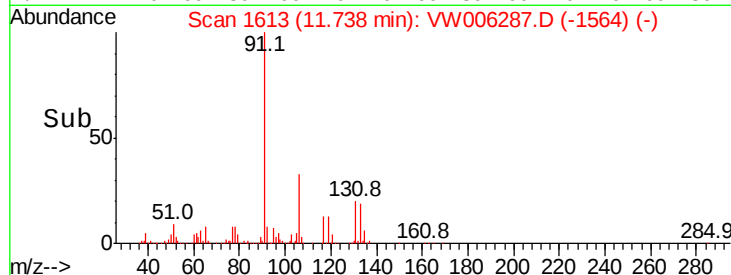
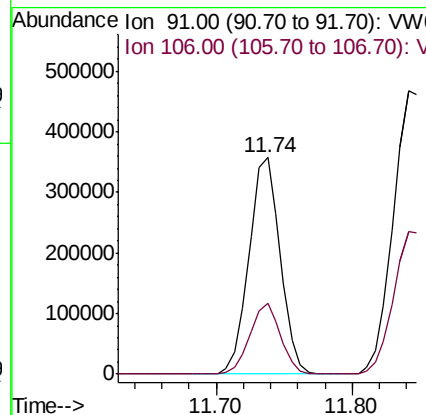
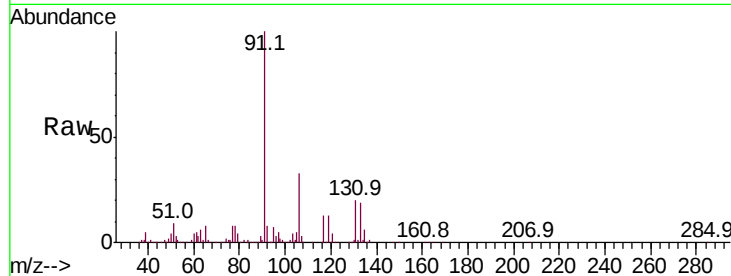
ClientSampleId :

Tot Ion: 91 Resp: 575594

Ion Ratio Lower Upper

91 100

106 32.8 26.1 39.1



#68

m/p-Xylenes

Concen: 102.890 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW006287.D

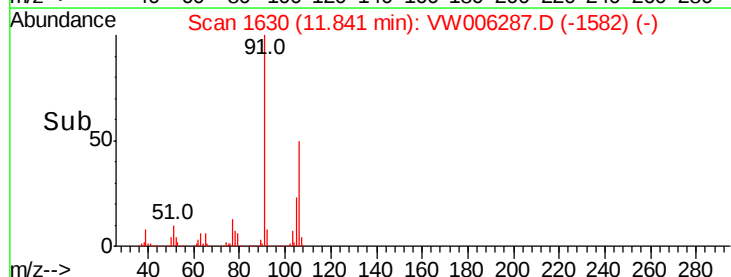
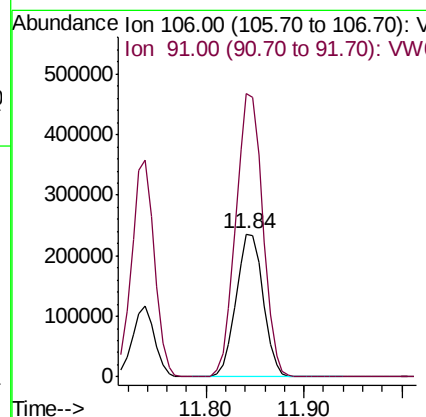
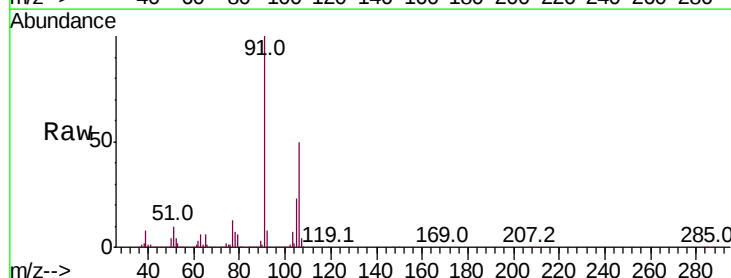
Acq: 23 Oct 2018 08:48

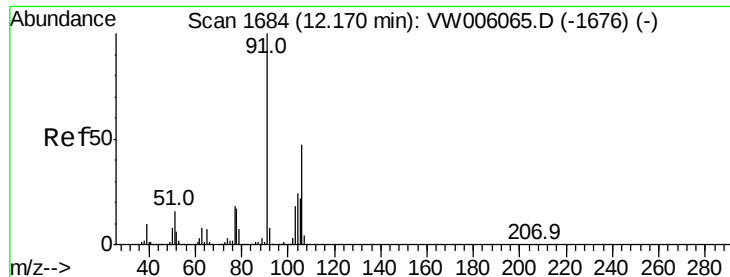
Tgt Ion: 106 Resp: 452589

Ion Ratio Lower Upper

106 100

91 197.6 159.1 238.7

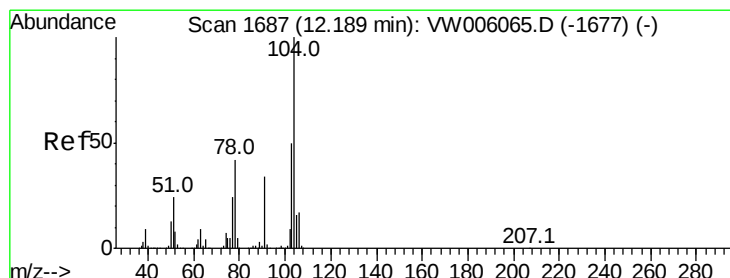
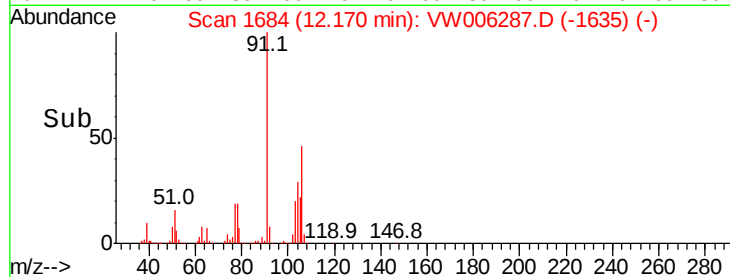
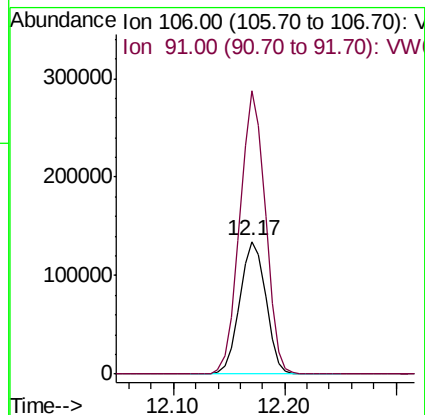
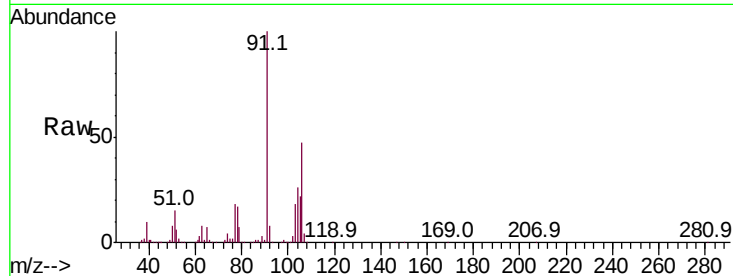




#69
o-Xylene
Concen: 52.177 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

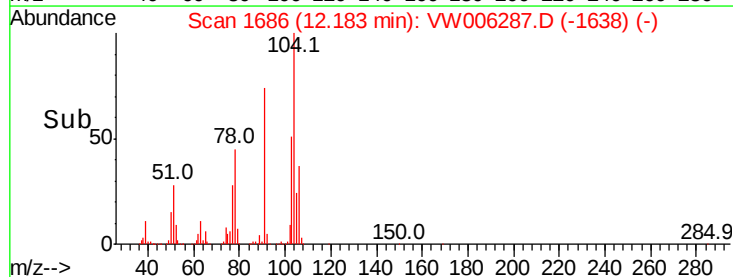
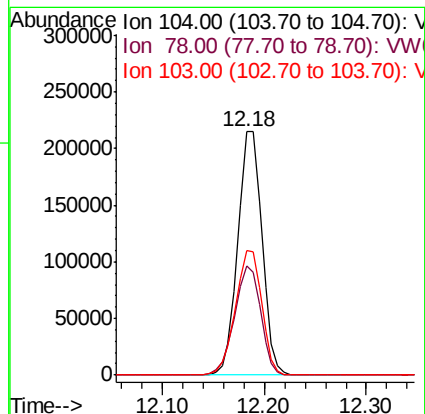
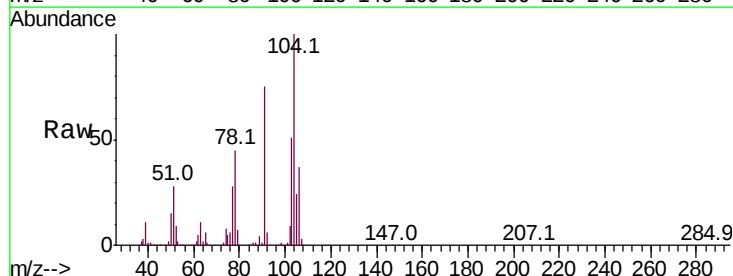
Instrument :
MSVOA_W
ClientSampleId :

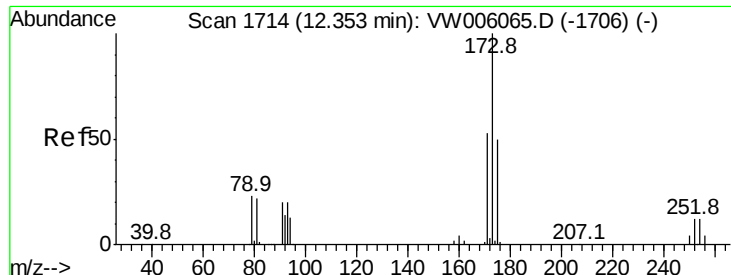
Tot Ion:106 Resp: 218734
Ion Ratio Lower Upper
106 100
91 209.3 105.4 316.1



#70
Styrene
Concen: 51.600 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion:104 Resp: 351756
Ion Ratio Lower Upper
104 100
78 48.4 39.1 58.7
103 55.5 44.3 66.5





#71

Bromoform

Concen: 47.954 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampled :

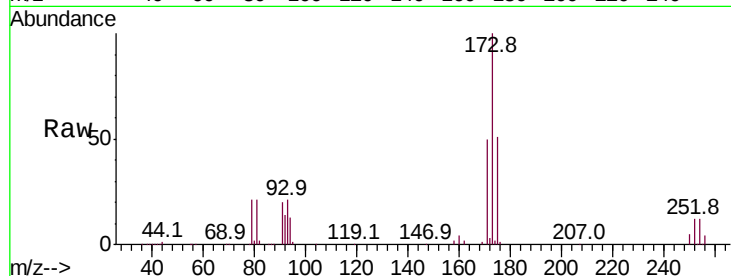
Tot Ion:173 Resp: 61041

Ion Ratio Lower Upper

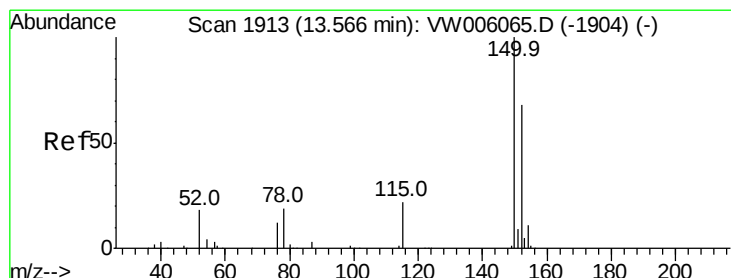
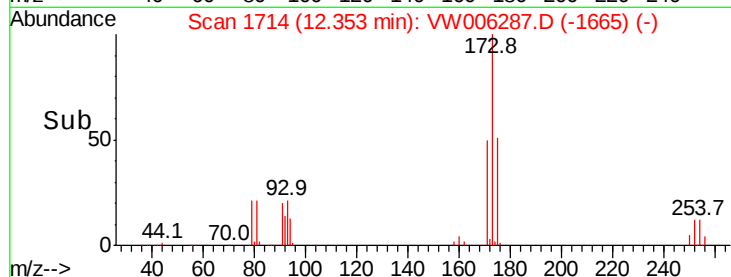
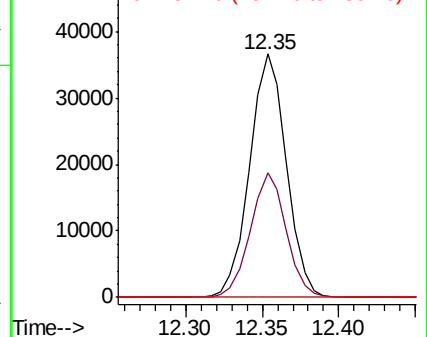
173 100

175 49.7 24.2 72.6

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

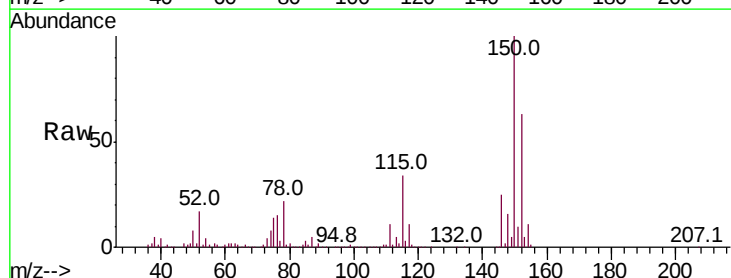
Tgt Ion:152 Resp: 153667

Ion Ratio Lower Upper

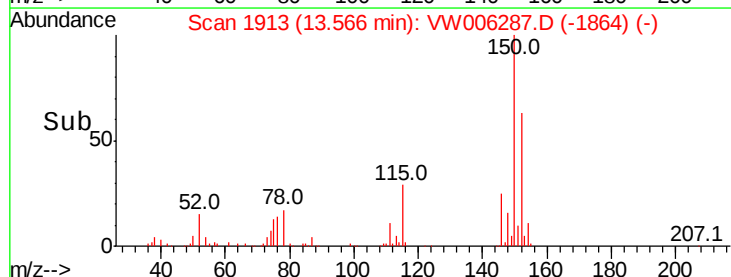
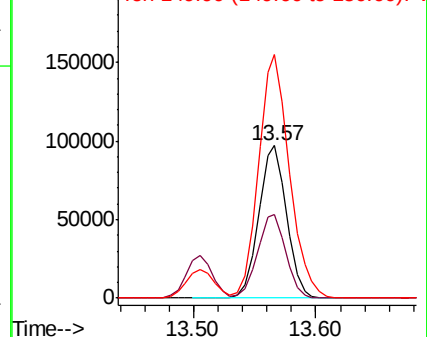
152 100

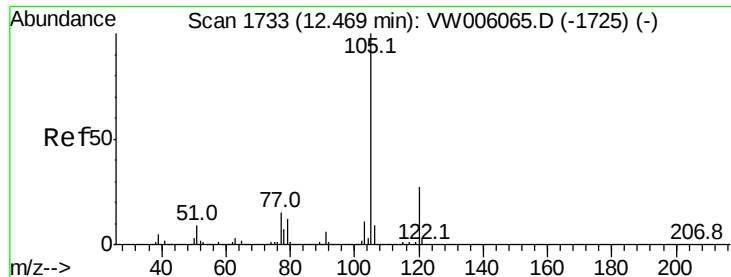
115 55.8 27.8 83.3

150 176.3 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

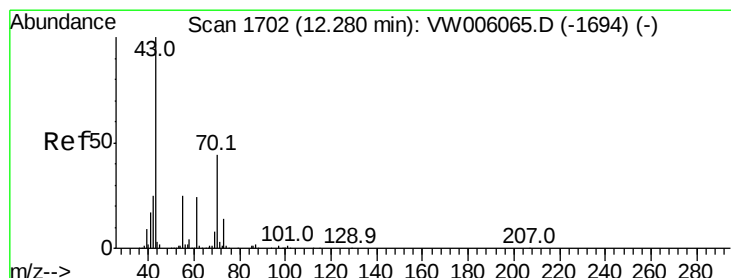
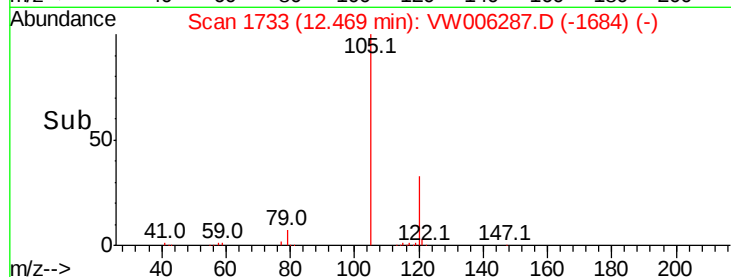
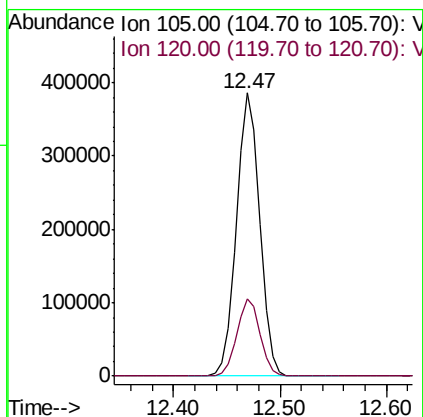
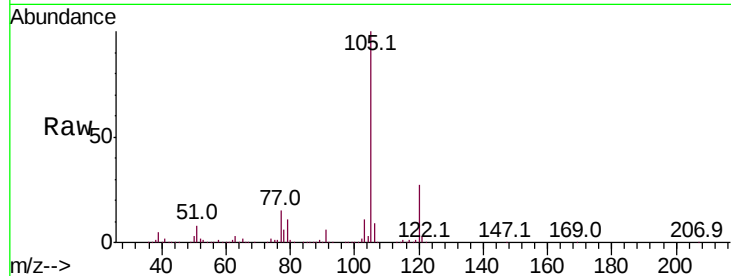




#73
Isopropylbenzene
Concen: 54.454 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

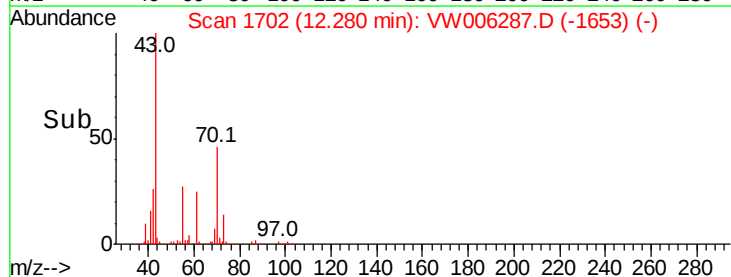
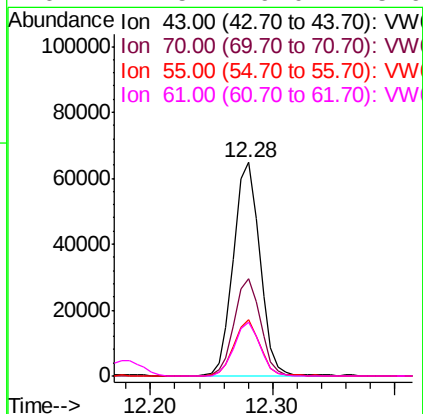
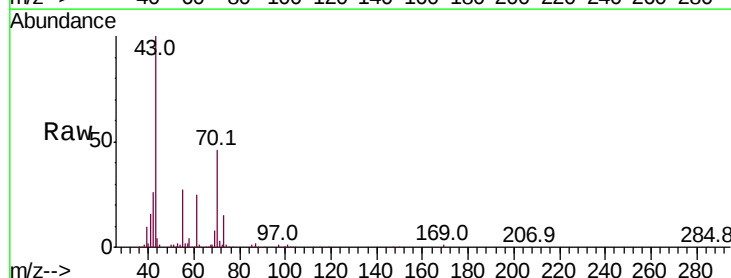
Instrument :
MSVOA_W
ClientSampled :

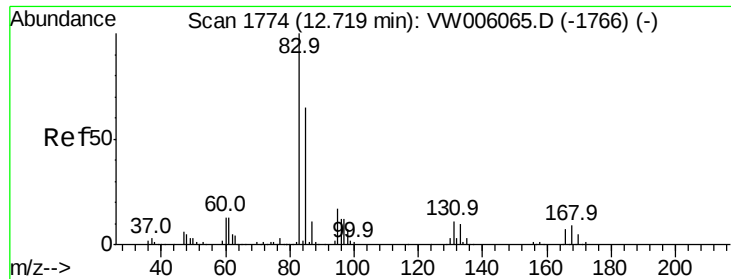
Tot Ion:105 Resp: 591158
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7



#74
N-ethyl acetate
Concen: 46.210 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 43 Resp: 97437
Ion Ratio Lower Upper
43 100
70 45.4 34.2 51.4
55 26.1 19.2 28.8
61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 58.022 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

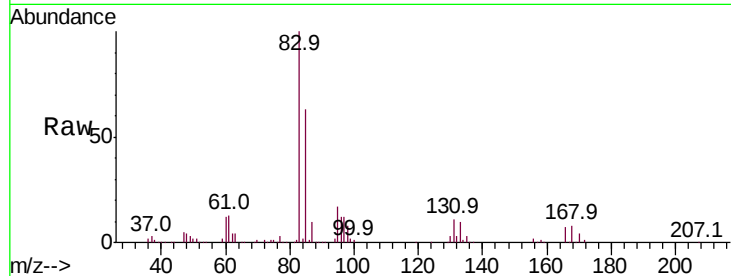
Tot Ion: 83 Resp: 95804

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

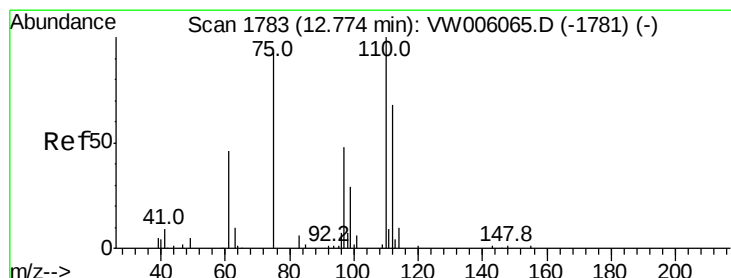
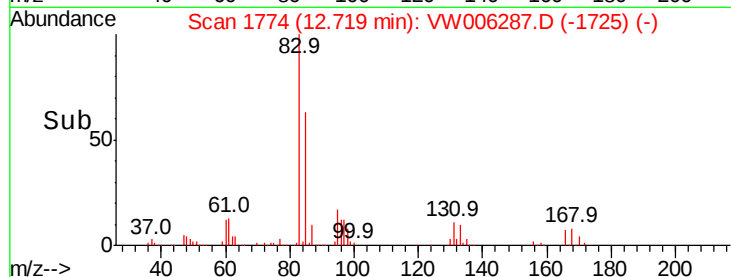
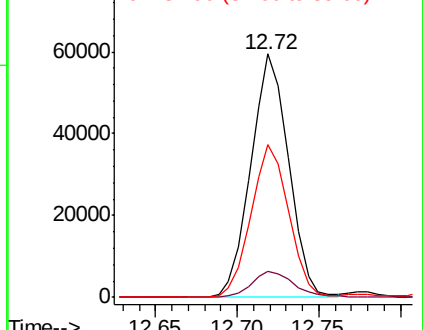
85 62.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.315 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006287.D

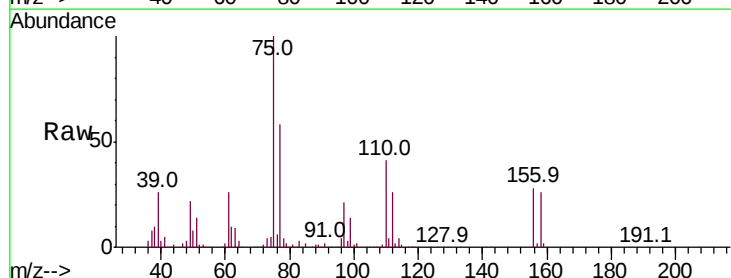
Acq: 23 Oct 2018 08:48

Tgt Ion: 75 Resp: 111872

Ion Ratio Lower Upper

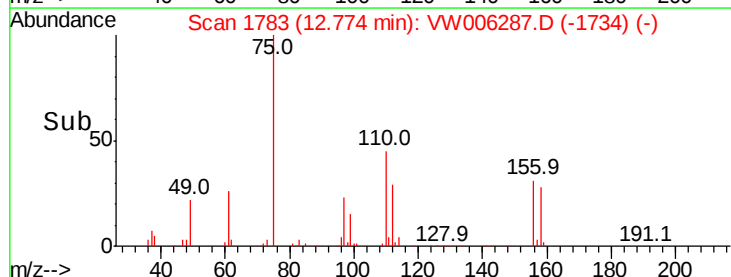
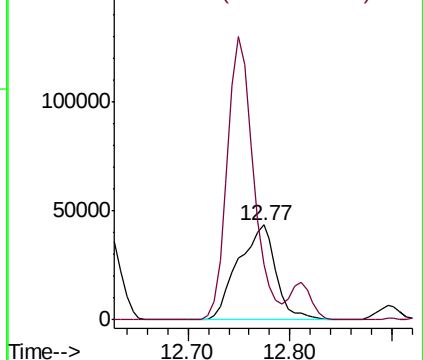
75 100

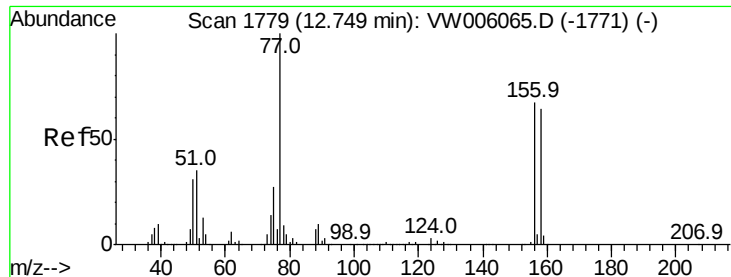
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.653 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

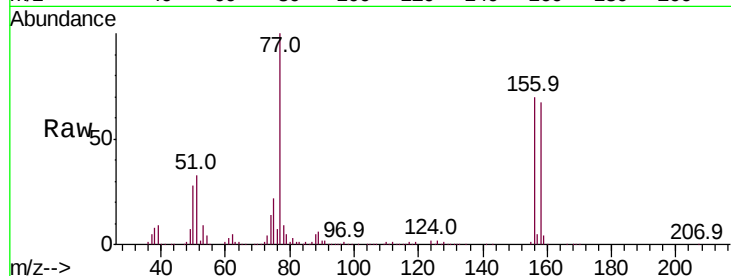
Tot Ion:156 Resp: 150642

Ion Ratio Lower Upper

156 100

77 154.7 79.1 237.4

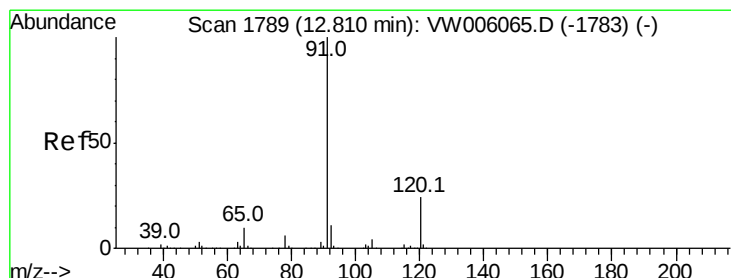
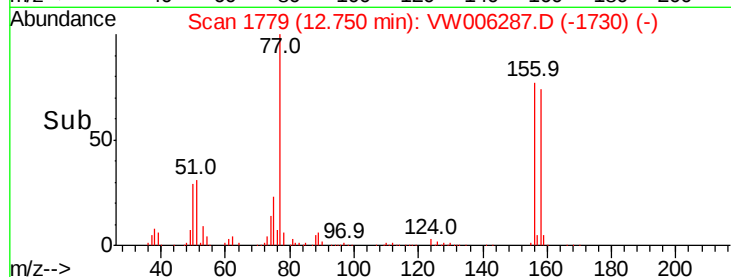
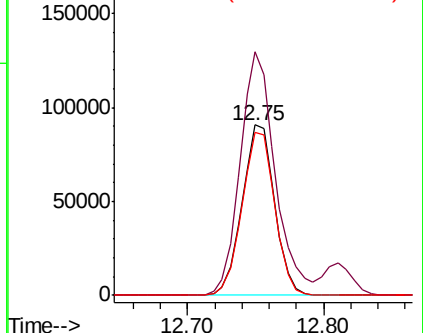
158 96.6 48.5 145.6



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: 53.051 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006287.D

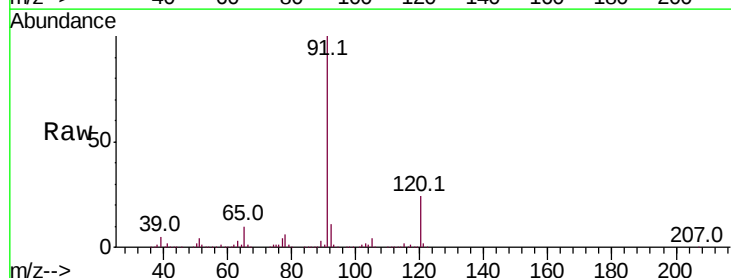
Acq: 23 Oct 2018 08:48

Tgt Ion: 91 Resp: 670043

Ion Ratio Lower Upper

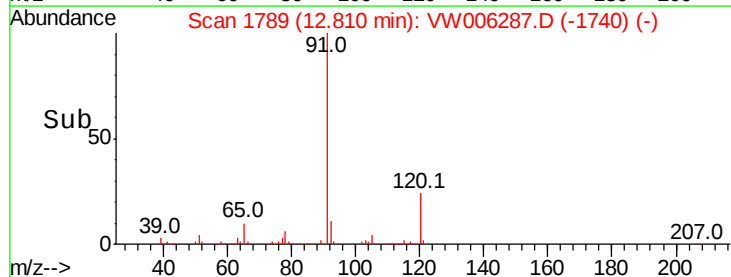
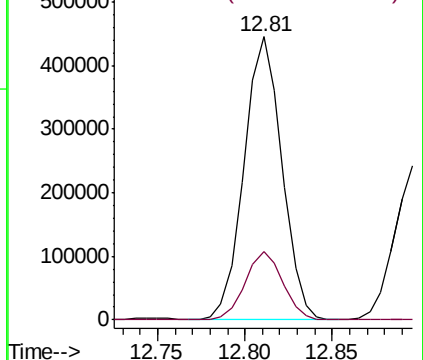
91 100

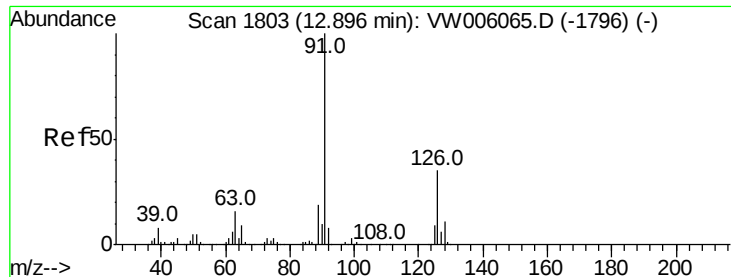
120 24.2 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.831 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

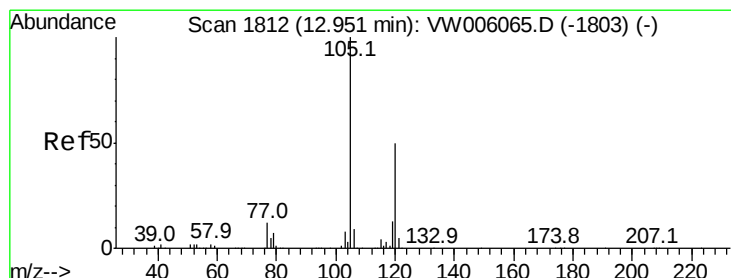
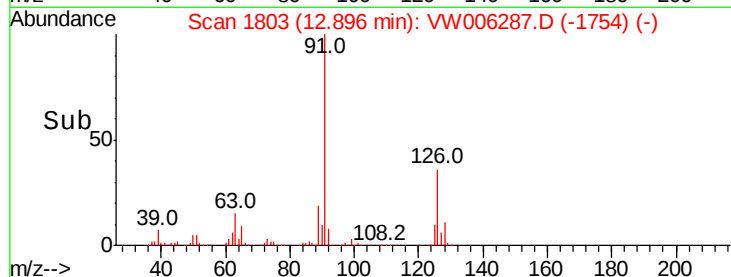
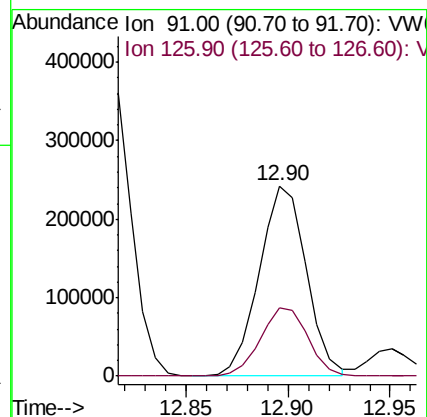
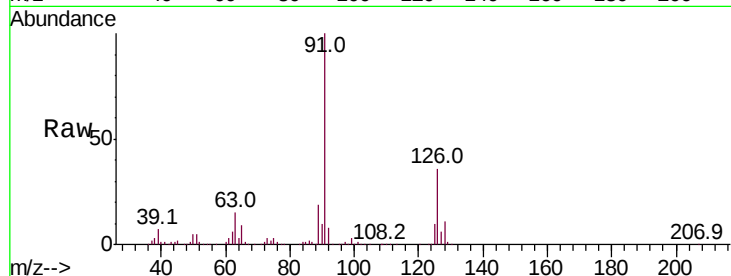
ClientSampled :

Tot Ion: 91 Resp: 389099

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 53.384 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006287.D

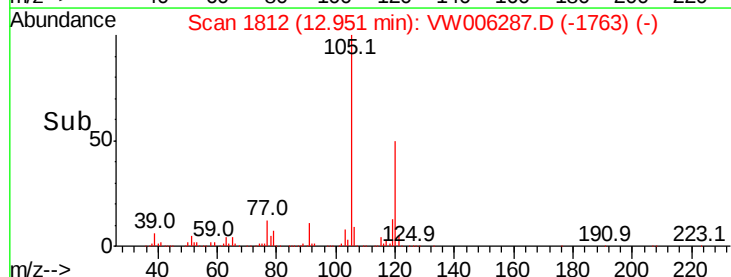
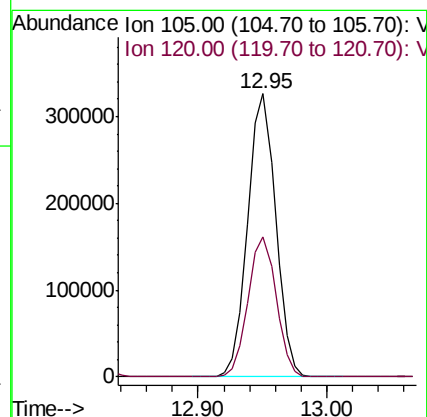
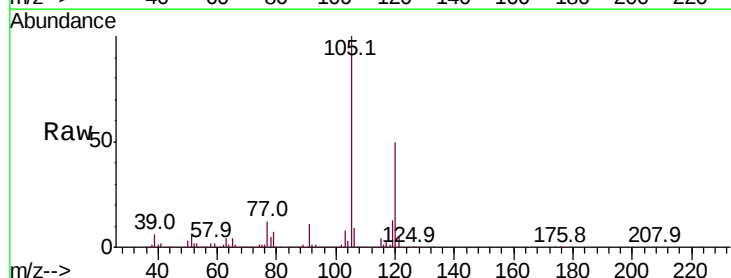
Acq: 23 Oct 2018 08:48

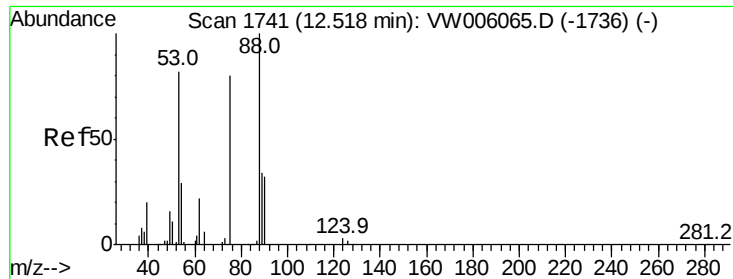
Tgt Ion:105 Resp: 488567

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6

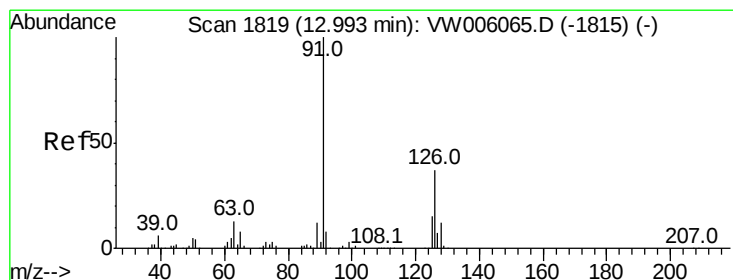
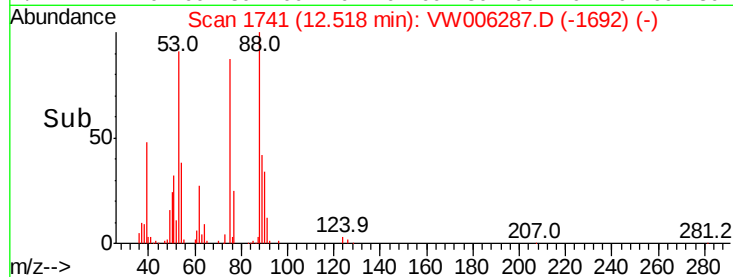
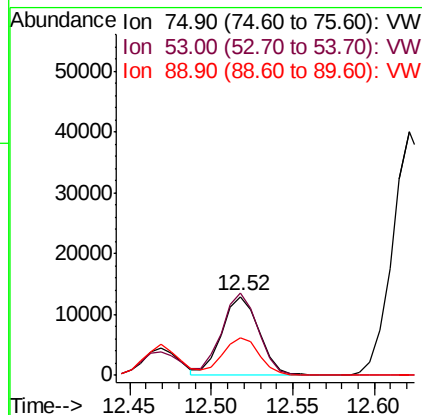
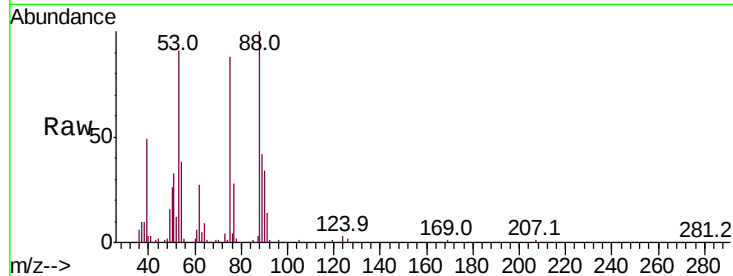




#81
trans-1,4-Dichloro-2-butene
Concen: 42.158 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

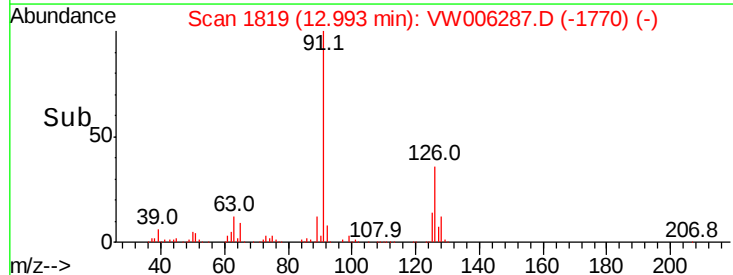
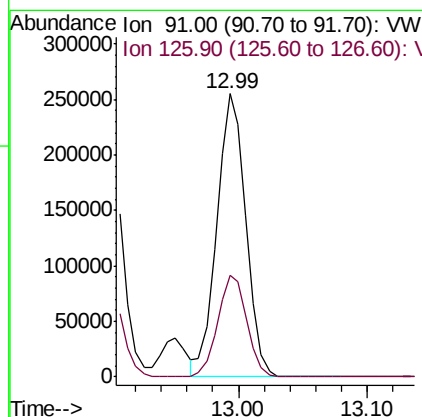
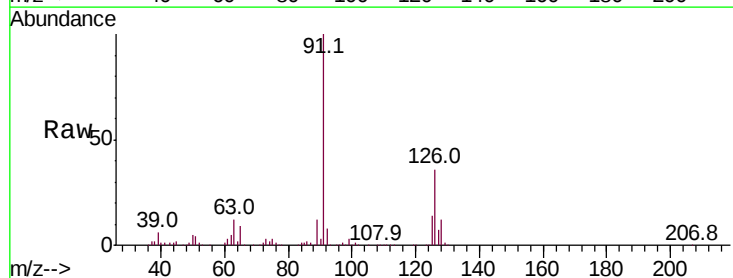
Instrument :
MSVOA_W
ClientSampled :

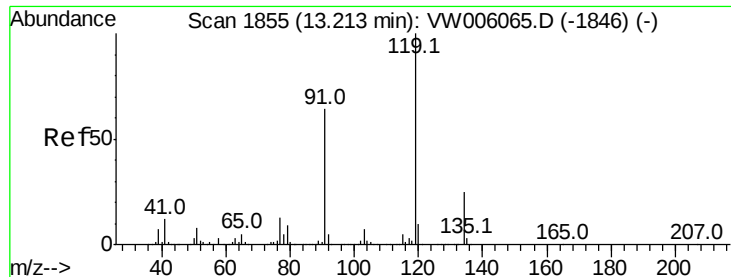
Tot Ion: 75 Resp: 20700
Ion Ratio Lower Upper
75 100
53 102.8 79.8 119.6
89 46.9 37.5 56.3



#82
4-Chlorotoluene
Concen: 54.136 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 91 Resp: 402429
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.3

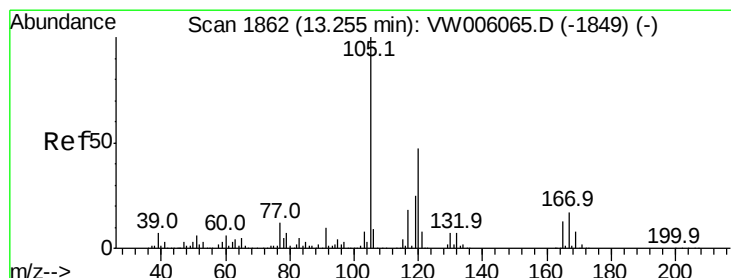
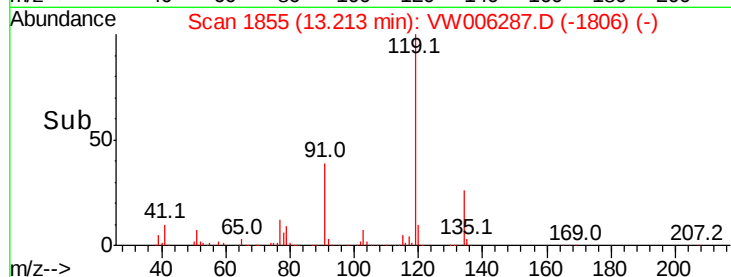
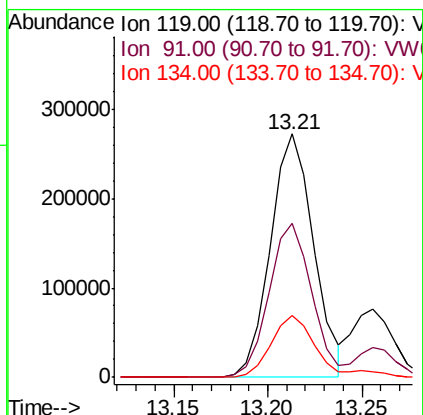
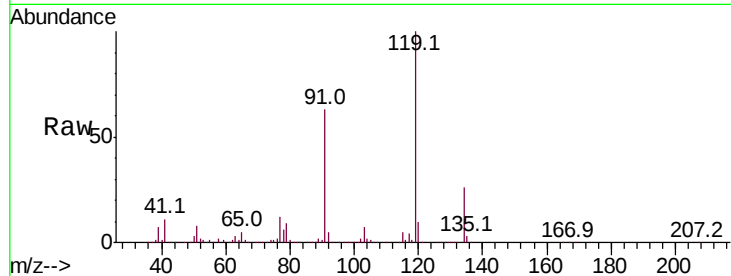




#83
tert-Butylbenzene
Concen: 52.923 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

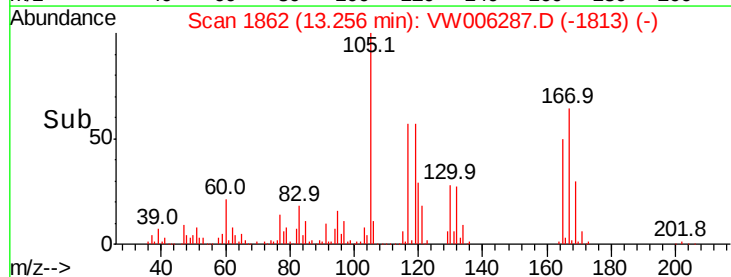
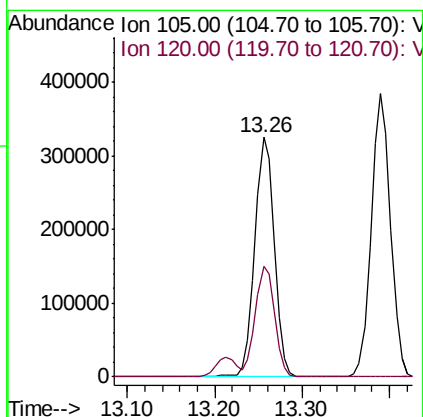
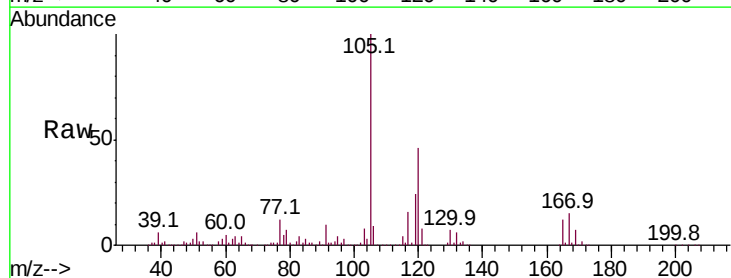
Instrument :
MSVOA_W
ClientSampleId :

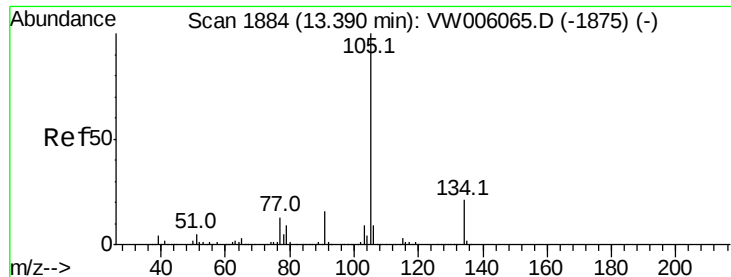
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.3	96.9
134	25.3	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.017 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3

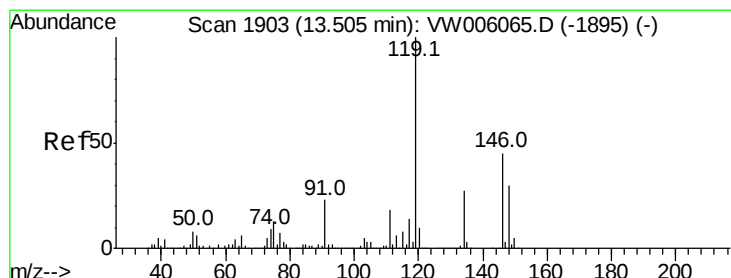
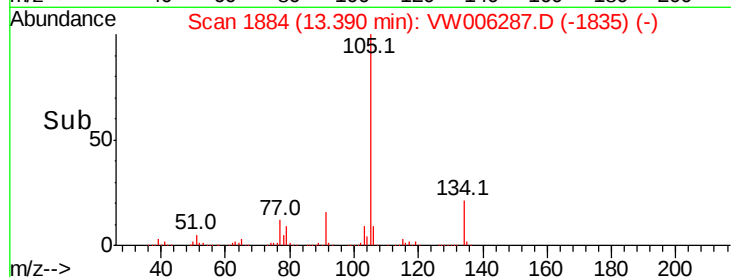
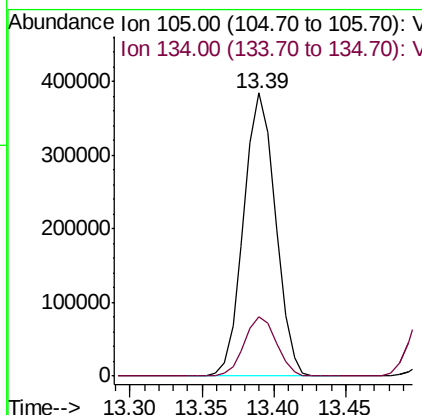
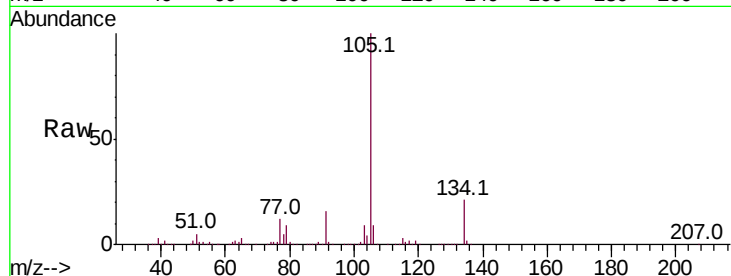




#85
 sec-Butylbenzene
 Concen: 51.043 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

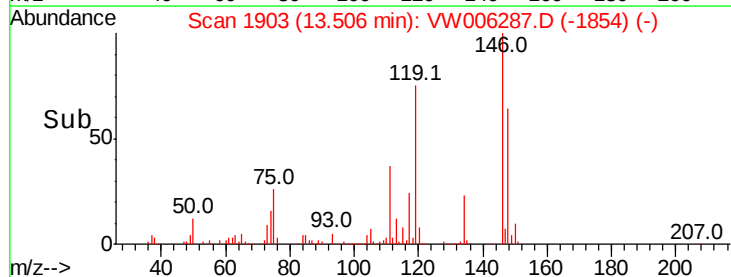
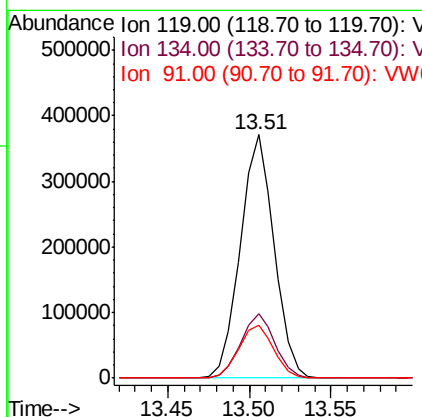
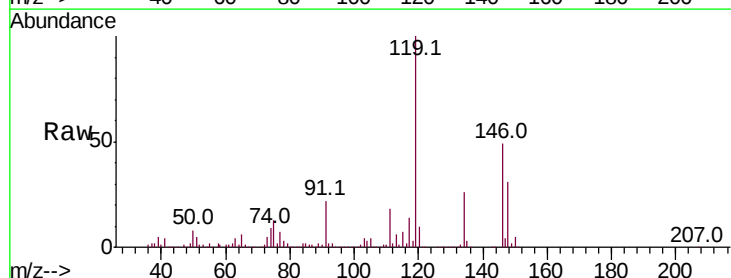
Instrument :
 MSVOA_W
 ClientSampleId :

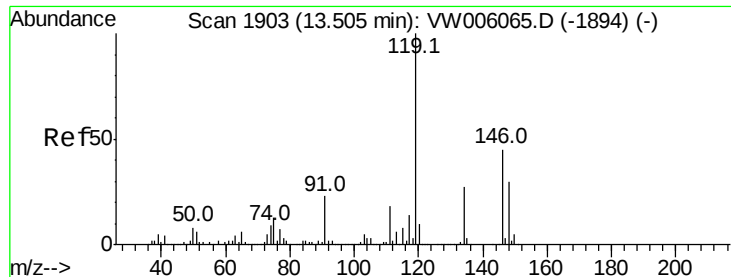
Tot Ion:105 Resp: 590462
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 51.117 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion:119 Resp: 534846
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 53.166 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

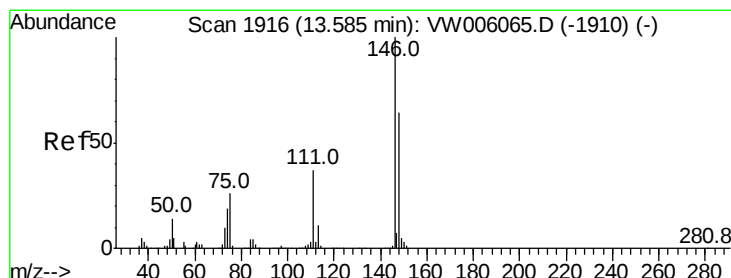
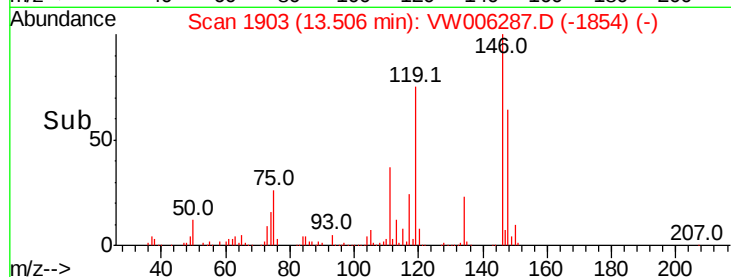
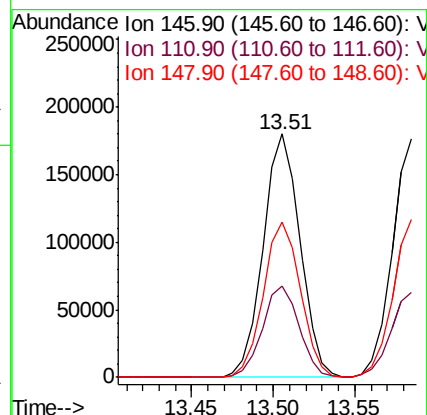
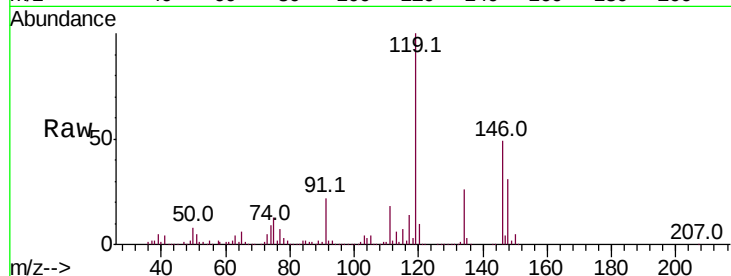
Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:146 Resp: 281346

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.4	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 52.851 ug/l

RT: 13.58 min Scan# 1916

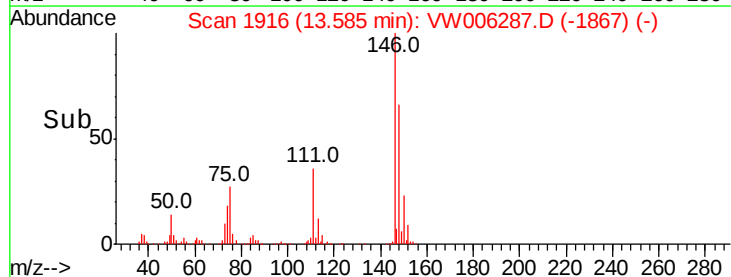
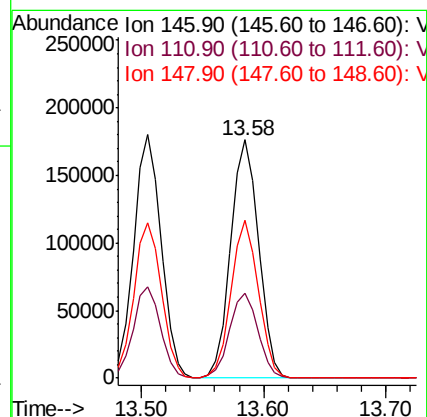
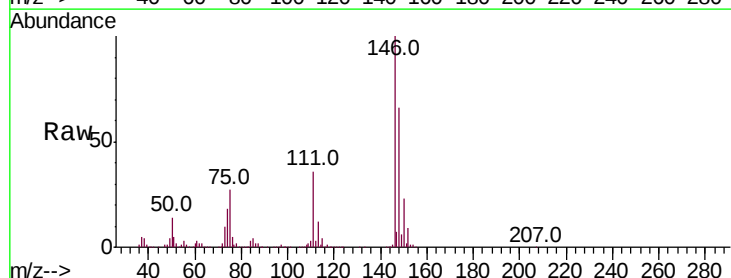
Delta R.T. 0.00 min

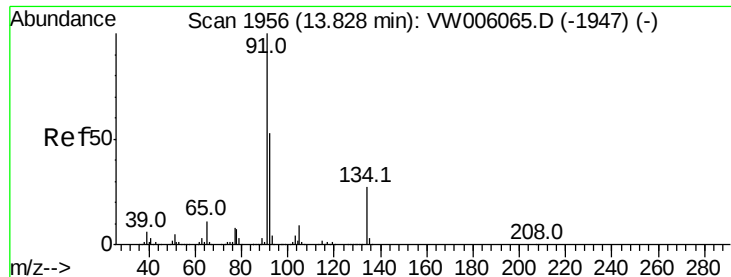
Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Tgt Ion:146 Resp: 278472

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.6	56.0
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 47.253 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006287.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

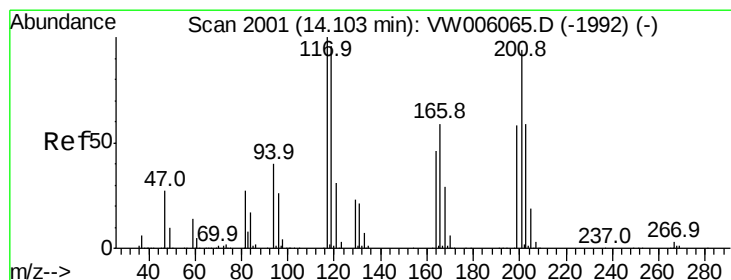
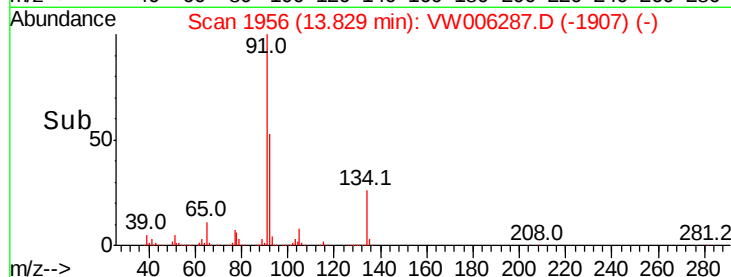
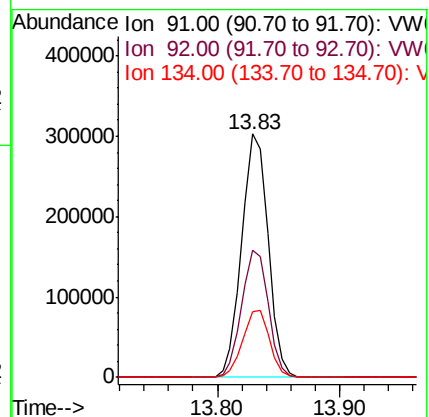
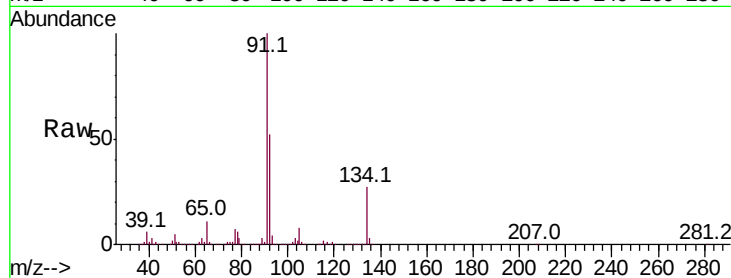
Tot Ion: 91 Resp: 452162

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 27.9 14.0 41.9



#90

Hexachloroethane

Concen: 48.719 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006287.D

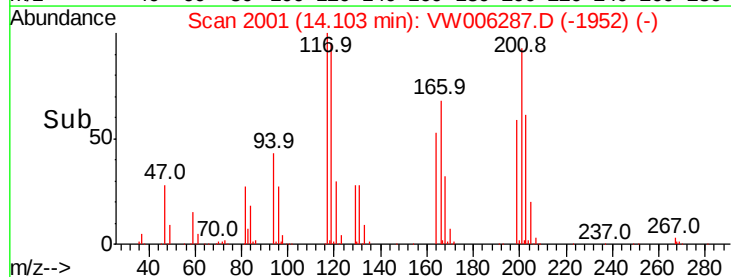
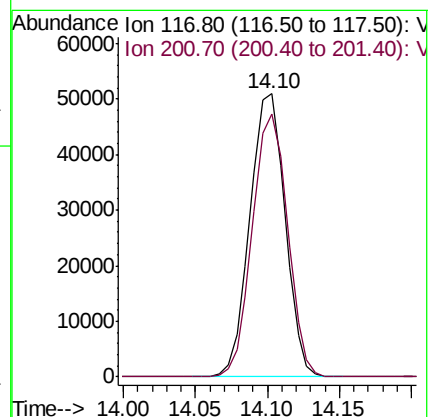
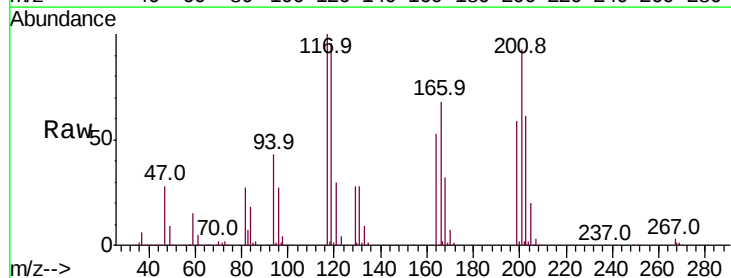
Acq: 23 Oct 2018 08:48

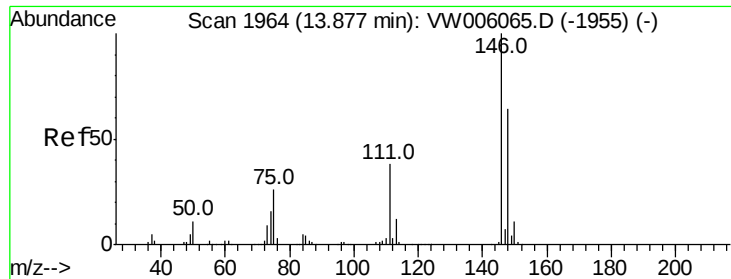
Tgt Ion: 117 Resp: 86344

Ion Ratio Lower Upper

117 100

201 92.8 45.3 135.9

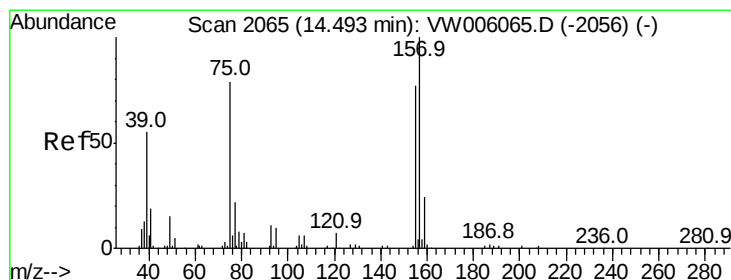
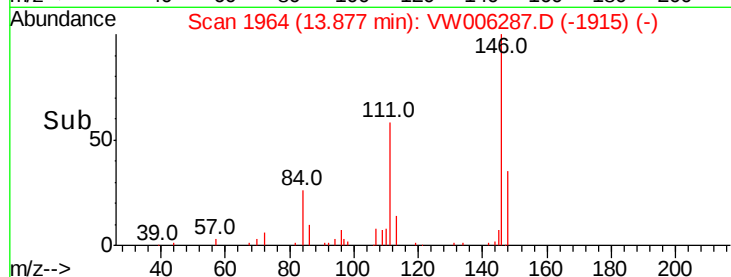
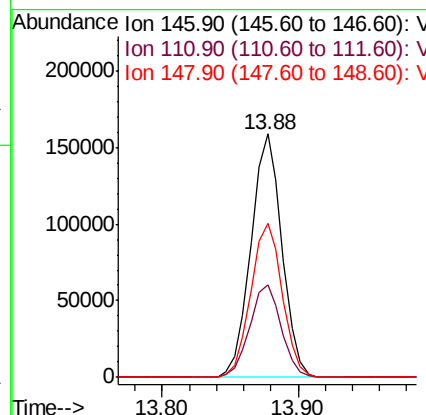
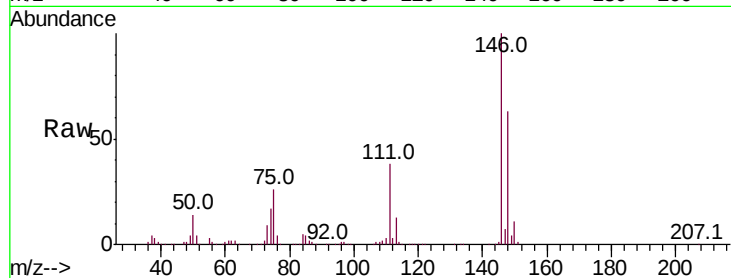




#91
 1,2-Dichlorobenzene
 Concen: 53.602 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

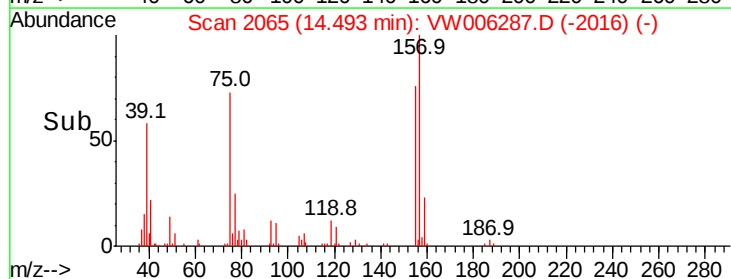
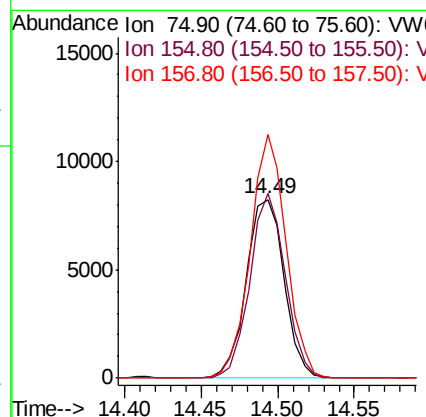
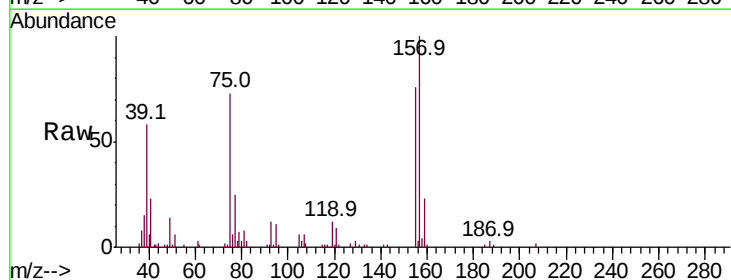
Instrument :
 MSVOA_W
 ClientSampleId :

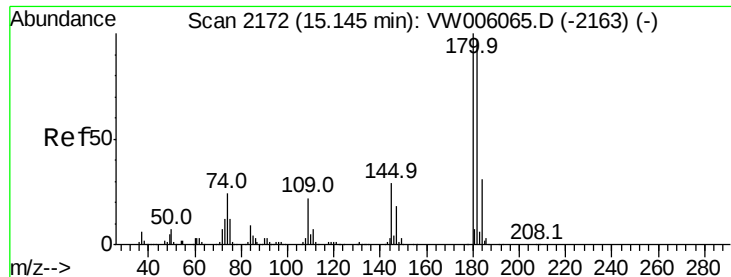
Tot Ion:146 Resp: 253019
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 64.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.010 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion: 75 Resp: 14193
 Ion Ratio Lower Upper
 75 100
 155 96.5 46.5 139.5
 157 128.6 59.8 179.4

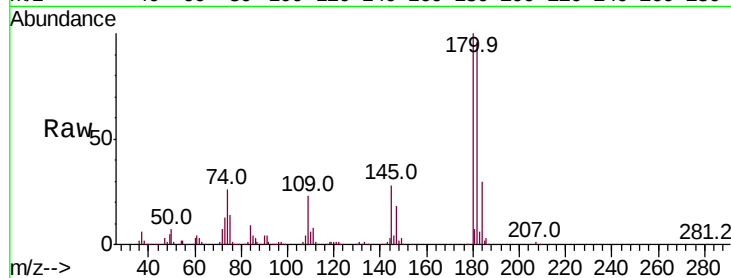




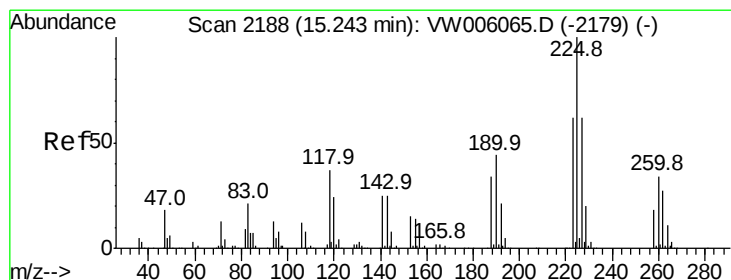
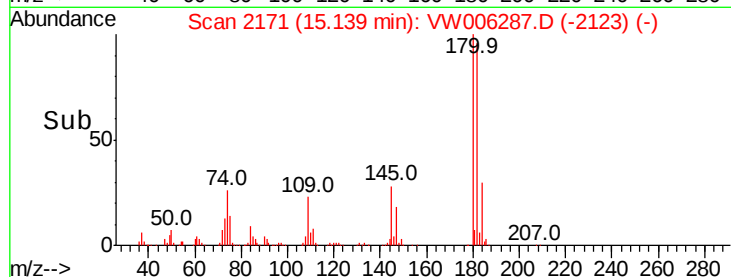
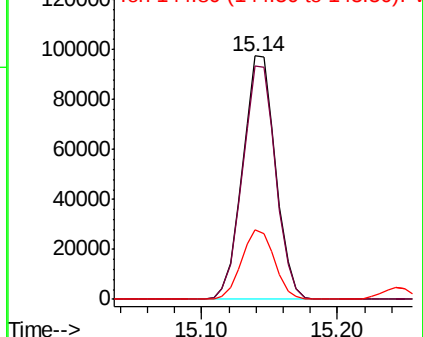
#93
 1,2,4-Trichlorobenzene
 Concen: 45.369 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 164781
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.6
 145 28.6 14.2 42.8

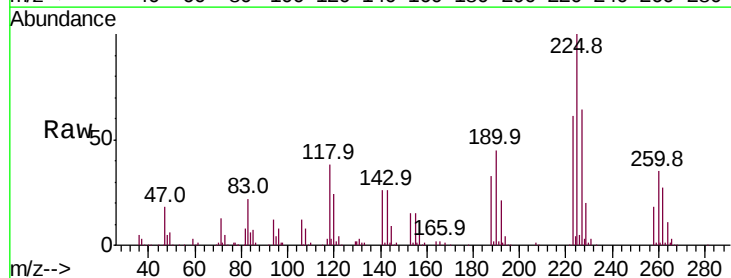


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

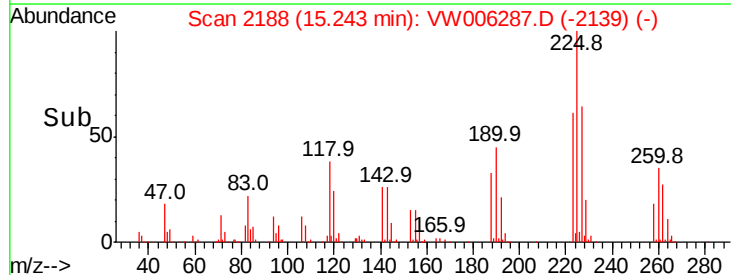
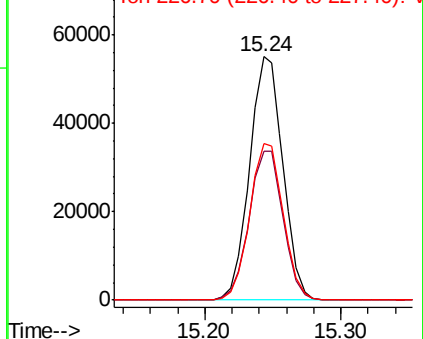


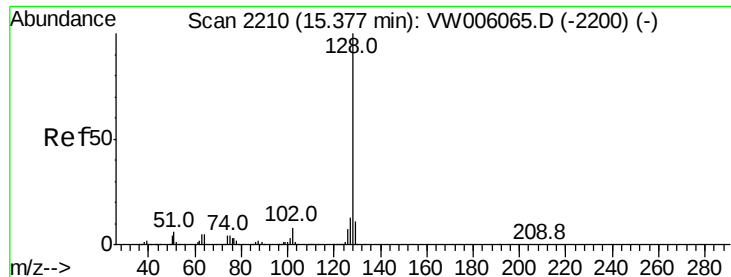
#94
 Hexachlorobutadiene
 Concen: 41.426 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006287.D
 Acq: 23 Oct 2018 08:48

Tgt Ion:225 Resp: 94518
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.5
 227 64.5 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

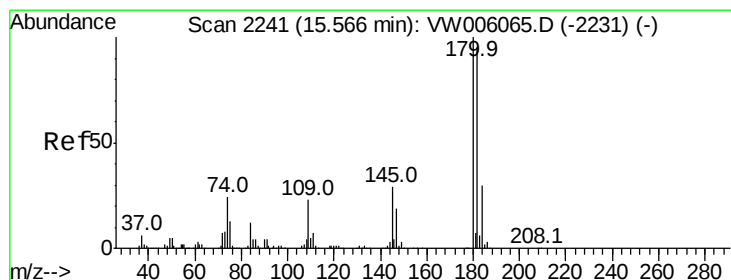
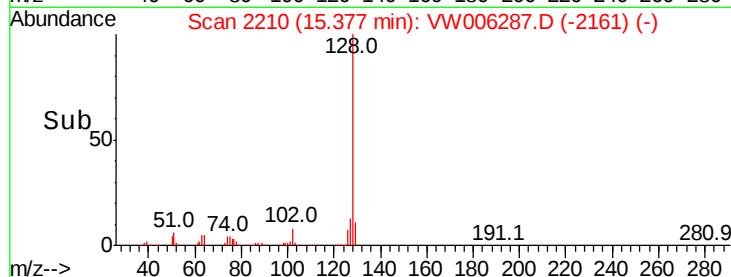
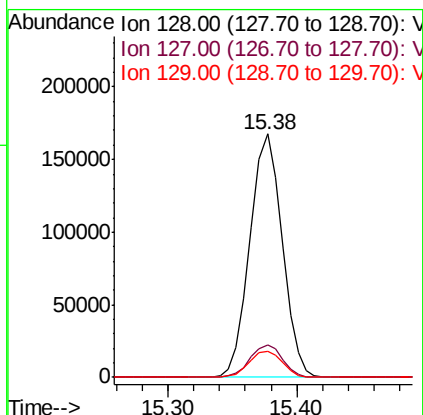
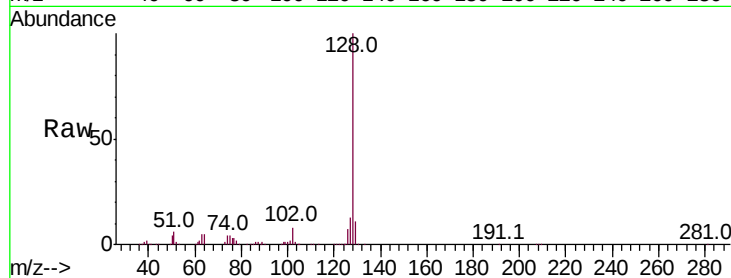




#95
Naphthalene
Concen: 48.168 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.725 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006287.D
Acq: 23 Oct 2018 08:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.3
145	31.2	15.0	45.1

