

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006629.D
 Acq On : 05 Nov 2018 12:14
 Operator : SY/AP
 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 14:37:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199928	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	112648	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
35) Dibromofluoromethane	7.88	113	120565	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.33	98	474114	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	167456	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	32265	22.630	ug/l	99
3) Chloromethane	2.21	50	35584	20.172	ug/l	97
4) Vinyl Chloride	2.37	62	52985	21.511	ug/l	99
5) Bromomethane	2.78	94	43148	20.873	ug/l	93
6) Chloroethane	2.93	64	34387	19.980	ug/l	93
7) Trichlorofluoromethane	3.26	101	50376	23.160	ug/l	96
8) Diethyl Ether	3.68	74	22912	19.270	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52549	22.624	ug/l	99
10) Methyl Iodide	4.26	142	85287	20.251	ug/l	99
11) Tert butyl alcohol	5.17	59	15271	119.887	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	47780	21.298	ug/l	97
13) Acrolein	3.89	56	15624	97.524	ug/l	97
14) Allyl chloride	4.67	41	61527	21.011	ug/l	99
15) Acrylonitrile	5.37	53	43456	101.930	ug/l	99
16) Acetone	4.12	43	54660	143.205	ug/l	97
17) Carbon Disulfide	4.37	76	143861	22.535	ug/l	99
18) Methyl Acetate	4.67	43	21181	19.298	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	67815	20.308	ug/l	97
20) Methylene Chloride	4.92	84	56786	19.288	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	53153	20.939	ug/l	97
22) Diisopropyl ether	6.31	45	123310	20.199	ug/l	98
23) Vinyl Acetate	6.26	43	342906	101.289	ug/l	100
24) 1,1-Dichloroethane	6.21	63	84768	20.488	ug/l	100
25) 2-Butanone	7.17	43	62592	114.920	ug/l	97
26) 2,2-Dichloropropane	7.17	77	60096	24.112	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57837	20.365	ug/l	99
28) Bromochloromethane	7.51	49	32511	19.789	ug/l	99
29) Tetrahydrofuran	7.53	42	34755	101.452	ug/l	98
30) Chloroform	7.68	83	91919	20.263	ug/l	99
31) Cyclohexane	7.96	56	80770	21.449	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	83682	21.801	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73552	22.030	ug/l	100
37) Ethyl Acetate	7.26	43	25203	21.783	ug/l	97
38) Carbon Tetrachloride	8.07	117	79602	22.817	ug/l	99

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 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 14:37:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96541	22.786	ug/l	97
40) Benzene	8.33	78	204060	21.518	ug/l	99
41) Methacrylonitrile	7.49	41	14659	20.662	ug/l	94
42) 1,2-Dichloroethane	8.40	62	55774	20.508	ug/l	100
43) Isopropyl Acetate	8.43	43	48175	20.866	ug/l	99
44) Trichloroethene	9.10	130	62575	21.383	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47417	21.486	ug/l	98
46) Dibromomethane	9.46	93	26627	20.525	ug/l	100
47) Bromodichloromethane	9.65	83	63493	21.078	ug/l	99
48) Methyl methacrylate	9.44	41	22633	20.347	ug/l	99
49) 1,4-Dioxane	9.45	88	8109	427.105	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	121386	102.370	ug/l	99
52) Toluene	10.39	92	134240	21.105	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	62138	21.434	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	73316	21.401	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37895	20.587	ug/l	98
56) Ethyl methacrylate	10.65	69	41458	19.816	ug/l	100
57) 1,3-Dichloropropane	10.94	76	61664	20.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	97808	96.173	ug/l	99
59) 2-Hexanone	10.98	43	94527	117.373	ug/l	98
60) Dibromochloromethane	11.13	129	46565	21.351	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37464	20.495	ug/l	100
64) Tetrachloroethene	10.87	164	57515	20.756	ug/l	98
65) Chlorobenzene	11.66	112	156493	21.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55016	21.398	ug/l	98
67) Ethyl Benzene	11.74	91	264228	21.611	ug/l	99
68) m/p-Xylenes	11.85	106	213711	43.750	ug/l	99
69) o-Xylene	12.17	106	99376	21.369	ug/l	99
70) Styrene	12.19	104	158020	20.842	ug/l	99
71) Bromoform	12.35	173	28964	21.252	ug/l #	99
73) Isopropylbenzene	12.47	105	280437	21.293	ug/l	100
74) N-amyl acetate	12.28	43	44514	19.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	43046	20.694	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54286	34.801	ug/l #	100
77) Bromobenzene	12.75	156	71588	20.994	ug/l	98
78) n-propylbenzene	12.81	91	329249	21.734	ug/l	100
79) 2-Chlorotoluene	12.90	91	181819	20.913	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	236905	21.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11975	21.484	ug/l	99
82) 4-Chlorotoluene	12.99	91	194974	21.198	ug/l	100
83) tert-Butylbenzene	13.21	119	210957	21.380	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	241995	21.323	ug/l	100
85) sec-Butylbenzene	13.39	105	301629	21.826	ug/l	100
86) p-Isopropyltoluene	13.51	119	273779	21.772	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	142941	21.285	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140986	21.180	ug/l	99
89) n-Butylbenzene	13.83	91	247035	22.131	ug/l	100
90) Hexachloroethane	14.10	117	45931	22.224	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	125186	20.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6658	19.726	ug/l	97

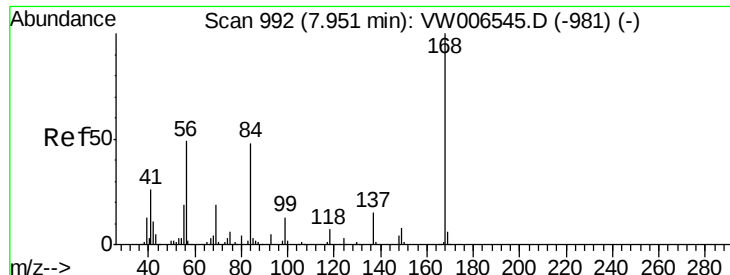
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006629.D
Acq On : 05 Nov 2018 12:14
Operator : SY/AP
Sample : VW1105SBSD01
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ClientSampleId :

Quant Time: Nov 05 14:37:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95292	21.215	ug/l	100
94) Hexachlorobutadiene	15.24	225	62170	22.208	ug/l	99
95) Naphthalene	15.38	128	142618	19.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	82155	20.811	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

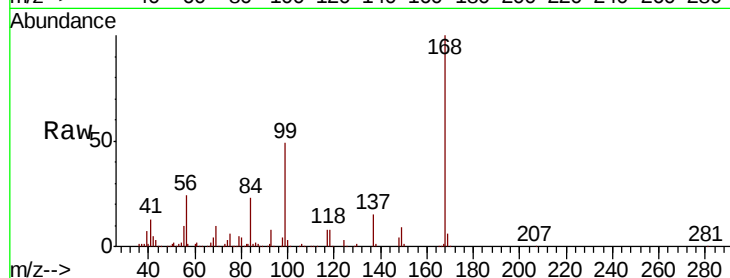
ClientSampleId :

Tot Ion:168 Resp: 275030

Ion Ratio Lower Upper

168 100

99 48.8 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

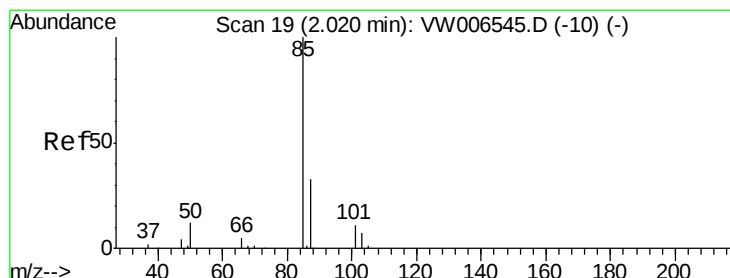
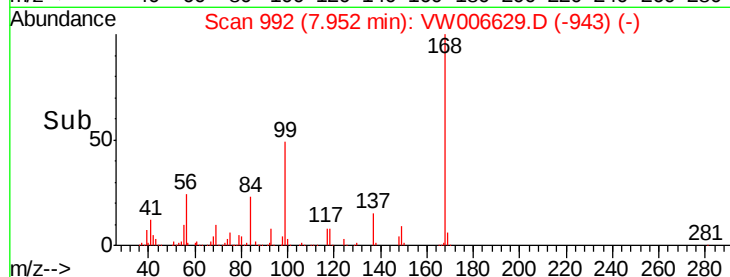
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.630 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006629.D

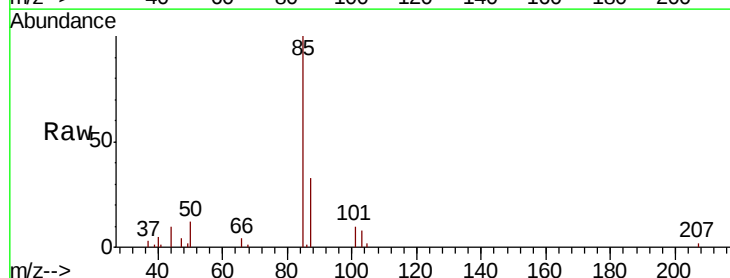
Acq: 05 Nov 2018 12:14

Tgt Ion: 85 Resp: 32265

Ion Ratio Lower Upper

85 100

87 33.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

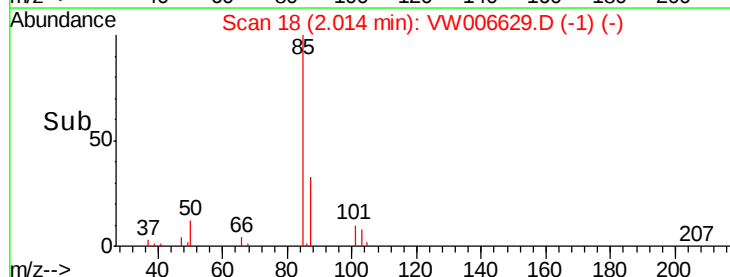
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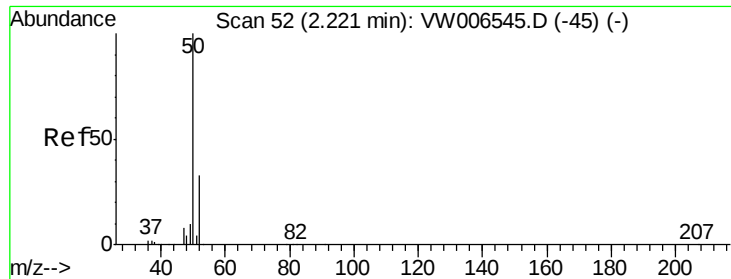
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.172 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

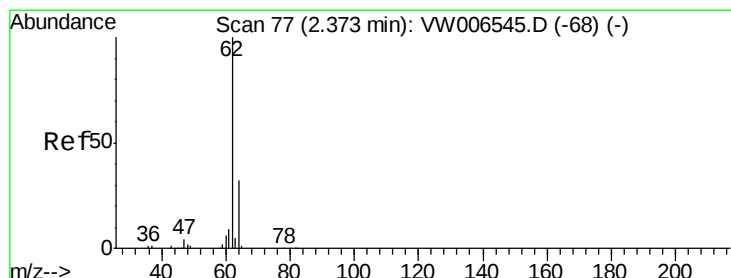
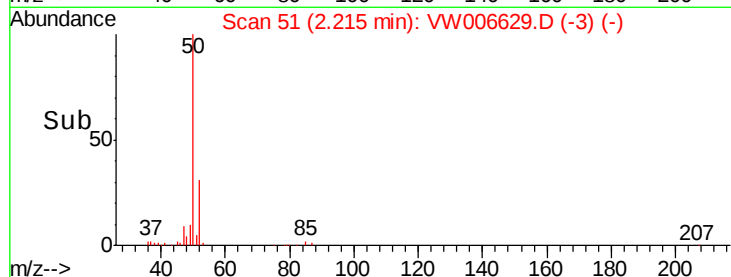
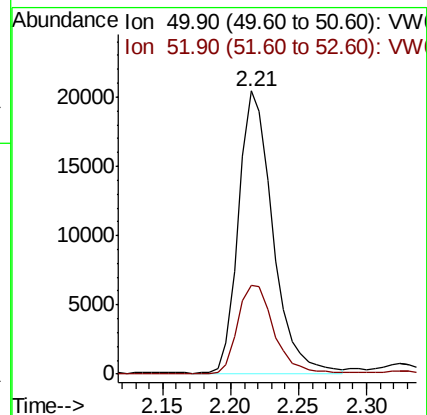
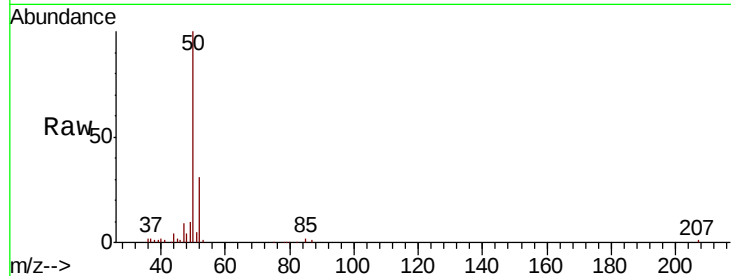
ClientSampleId :

Tot Ion: 50 Resp: 35584

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.4



#4

Vinyl Chloride

Concen: 21.511 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006629.D

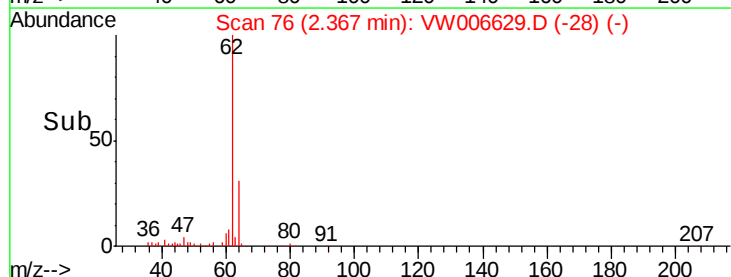
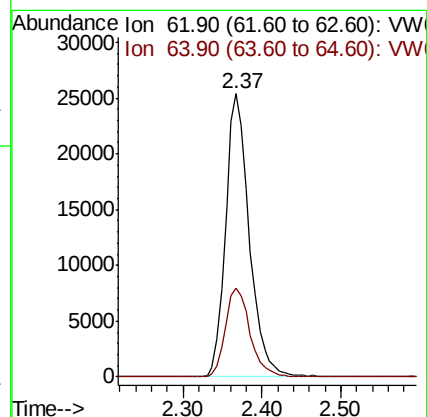
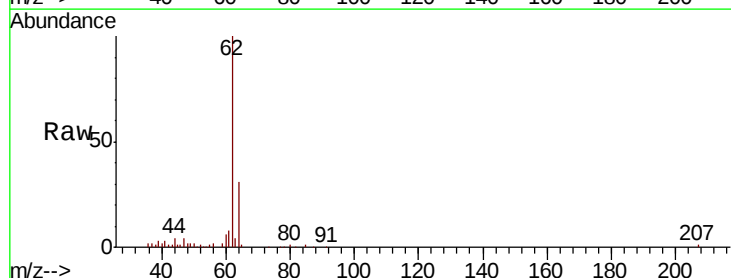
Acq: 05 Nov 2018 12:14

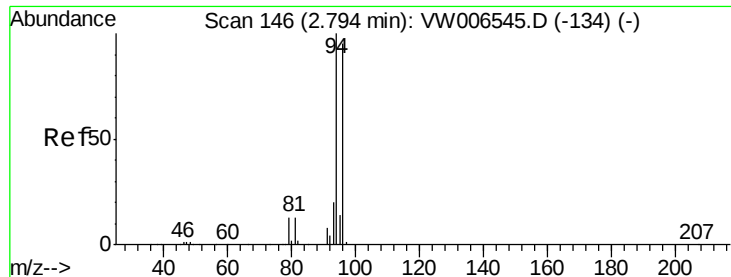
Tgt Ion: 62 Resp: 52985

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 20.873 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

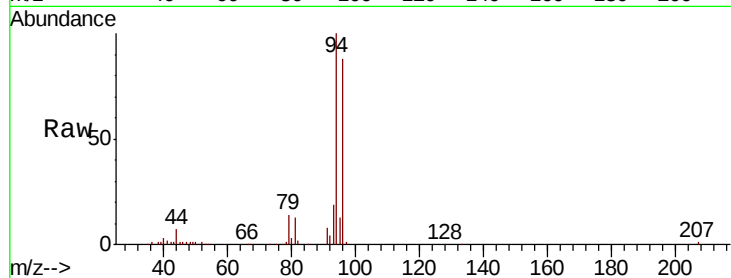
ClientSampleId :

Tot Ion: 94 Resp: 43148

Ion Ratio Lower Upper

94 100

96 88.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

15000

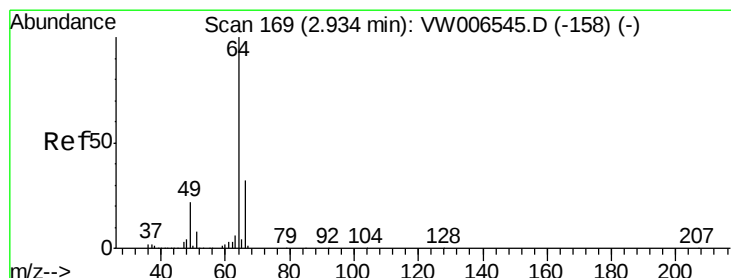
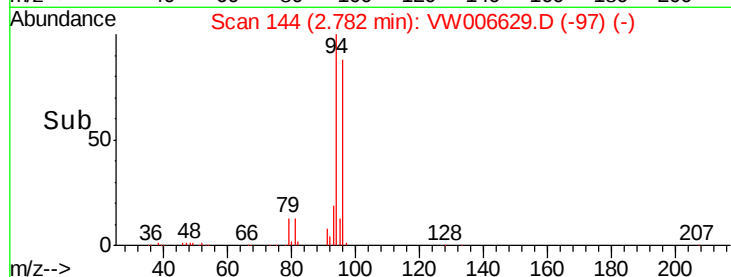
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 19.980 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006629.D

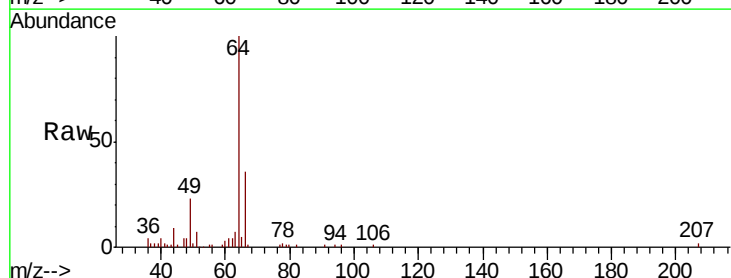
Acq: 05 Nov 2018 12:14

Tgt Ion: 64 Resp: 34387

Ion Ratio Lower Upper

64 100

66 36.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

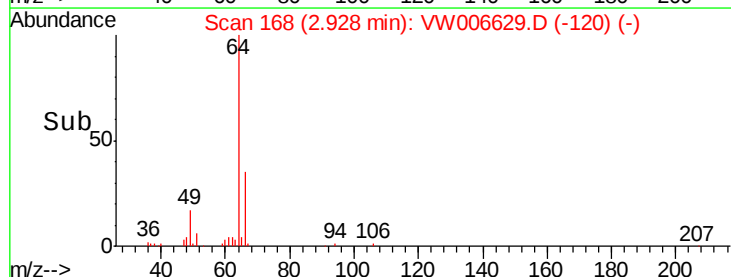
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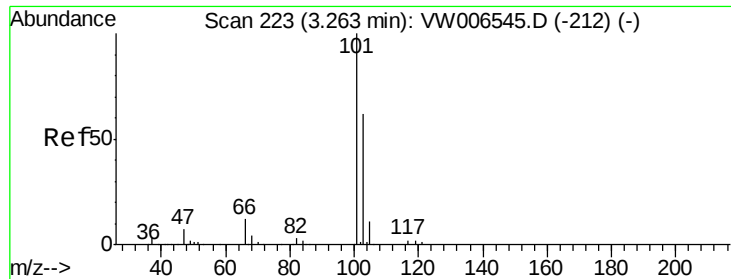
5000

0

2.80 2.90 3.00 3.10

Time-->



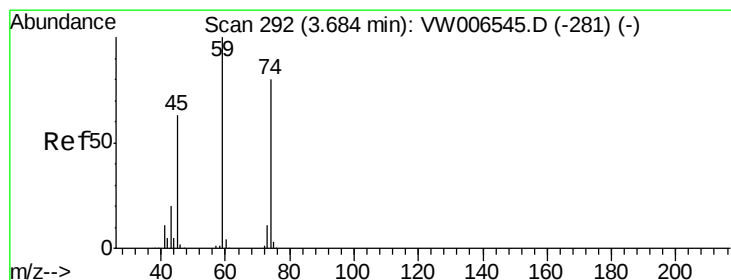
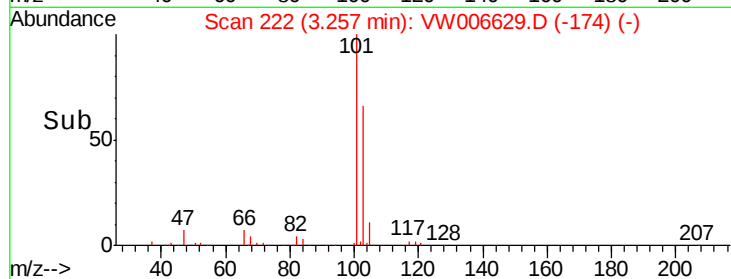
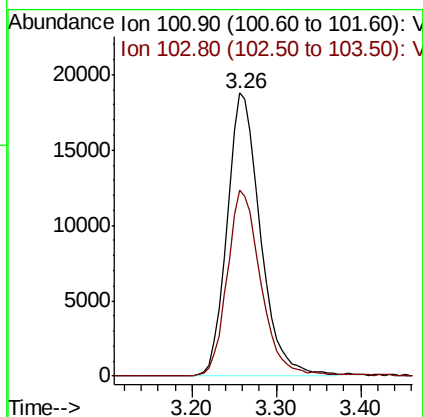
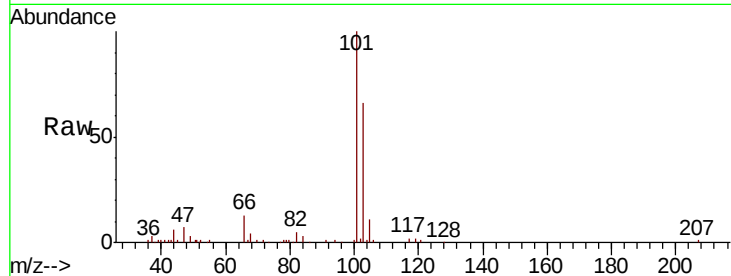


#7

Trichlorofluoromethane
 Concen: 23.160 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :

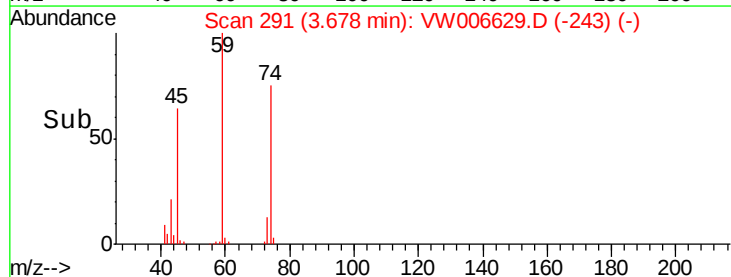
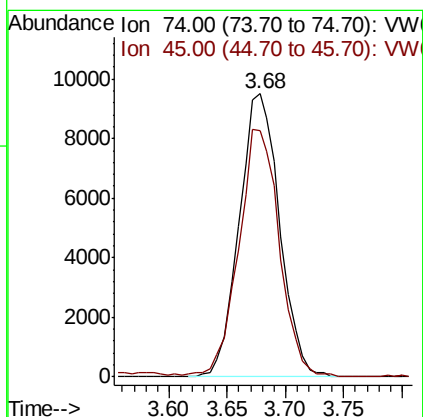
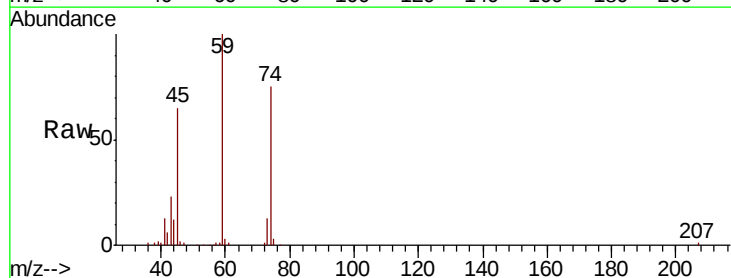
Tot Ion:101 Resp: 50376
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.8 74.8

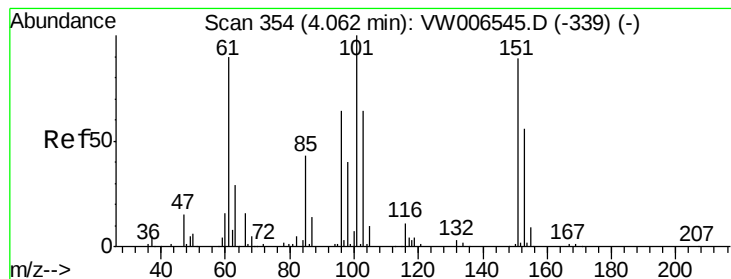


#8

Diethyl Ether
 Concen: 19.270 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 74 Resp: 22912
 Ion Ratio Lower Upper
 74 100
 45 88.3 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.624 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

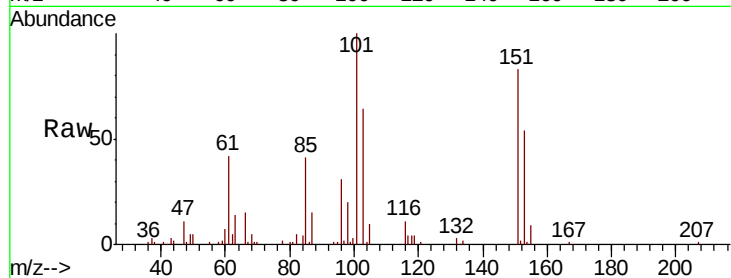
Tot Ion:101 Resp: 52549

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

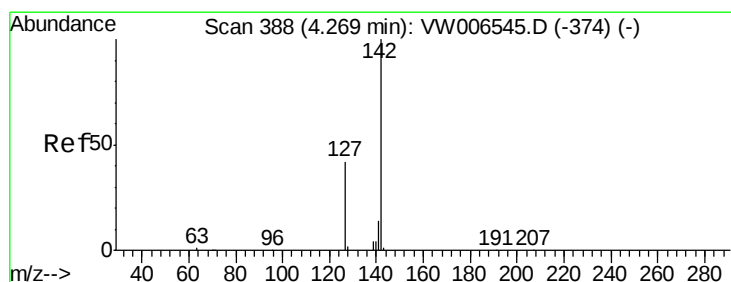
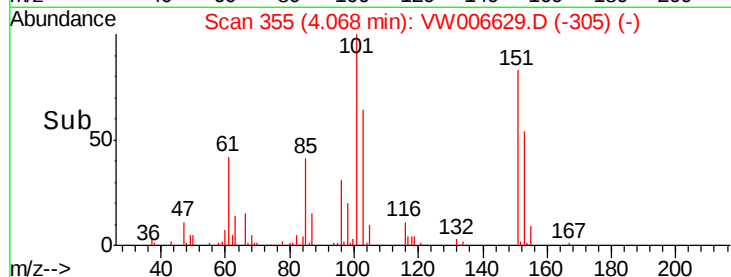
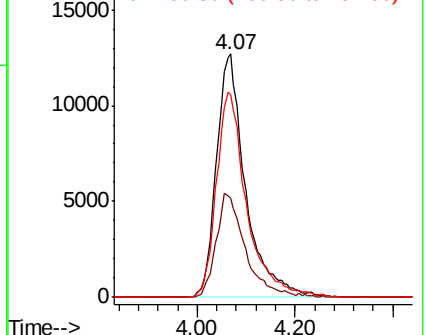
151 87.6 70.7 106.1



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: 20.251 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

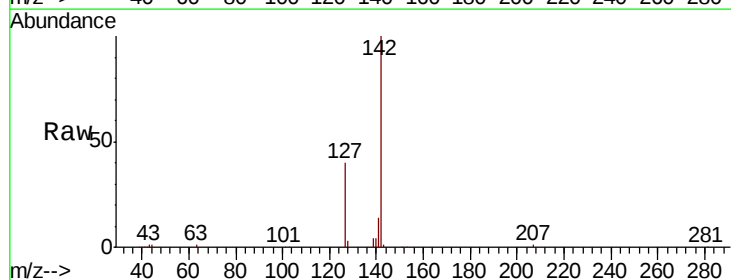
Tgt Ion:142 Resp: 85287

Ion Ratio Lower Upper

142 100

127 40.9 32.3 48.5

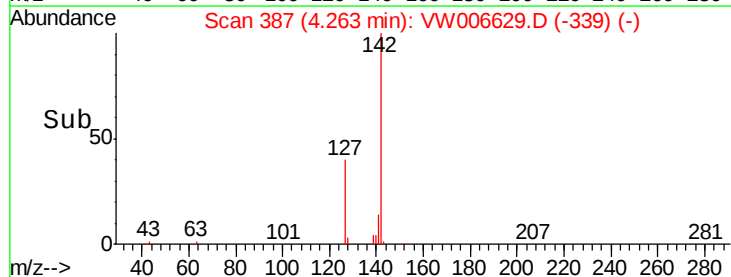
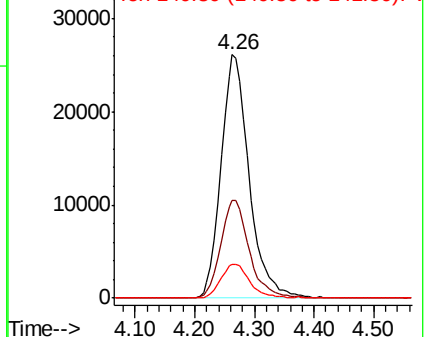
141 14.3 11.3 16.9

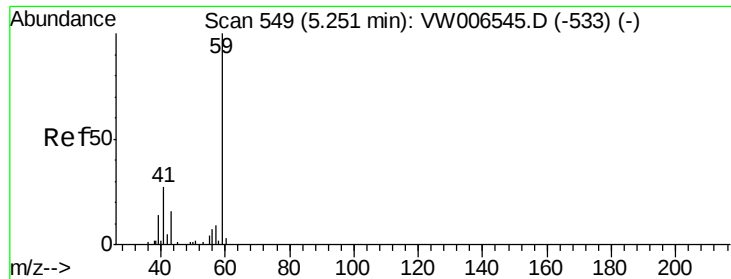


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



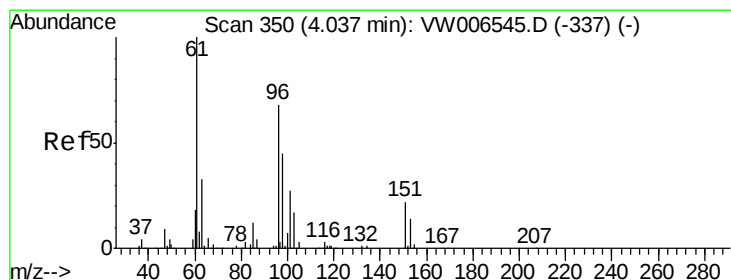
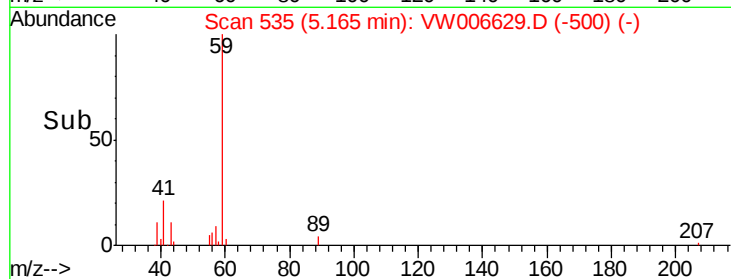
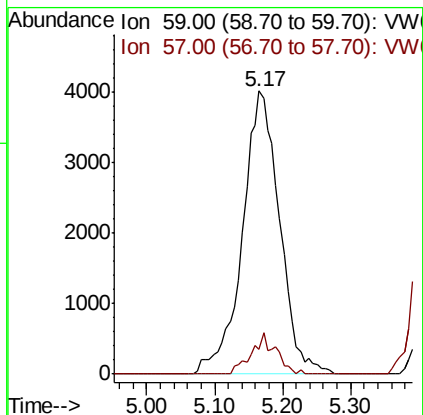
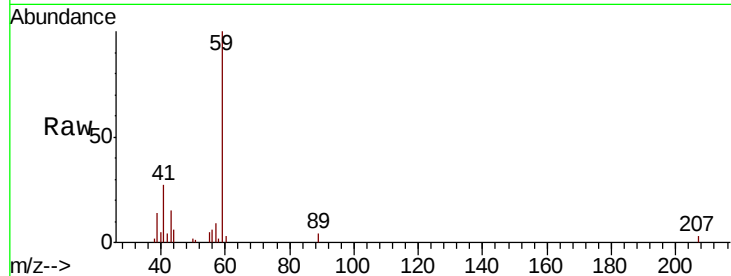


#11

Tert butyl alcohol
Concen: 119.887 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :

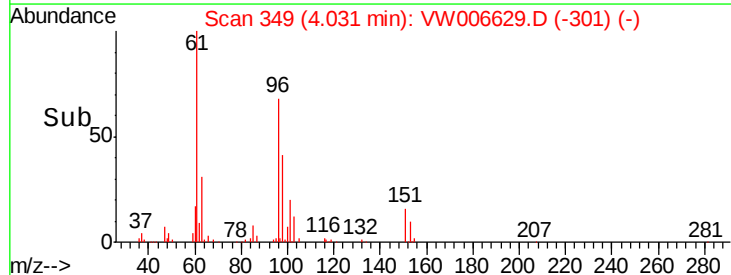
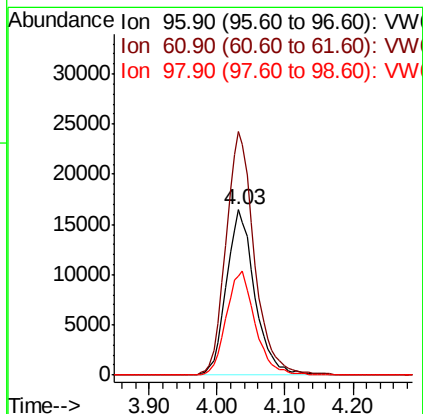
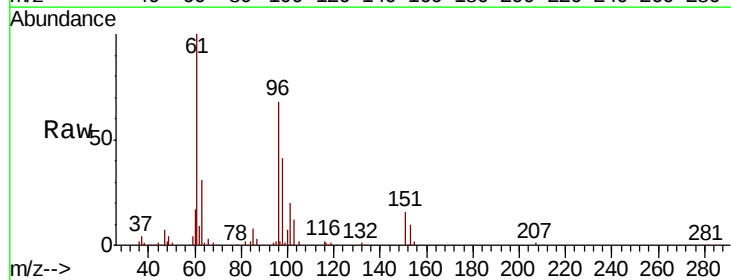
Tot Ion: 59 Resp: 15271
Ion Ratio Lower Upper
59 100
57 9.4 4.3 6.5#

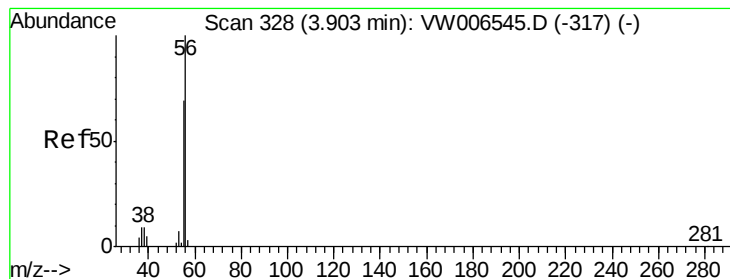


#12

1,1-Dichloroethene
Concen: 21.298 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 96 Resp: 47780
Ion Ratio Lower Upper
96 100
61 147.3 117.0 175.4
98 60.0 52.5 78.7





#13

Acrolein

Concen: 97.524 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

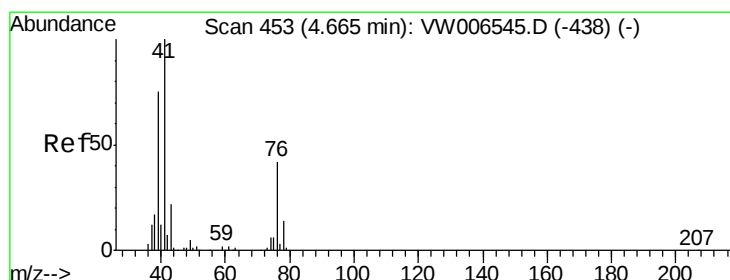
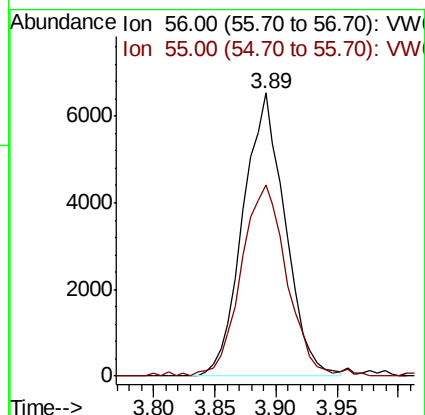
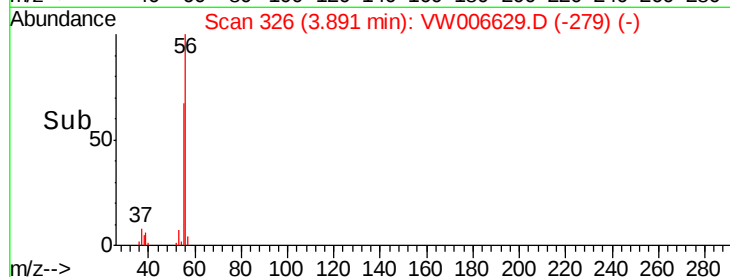
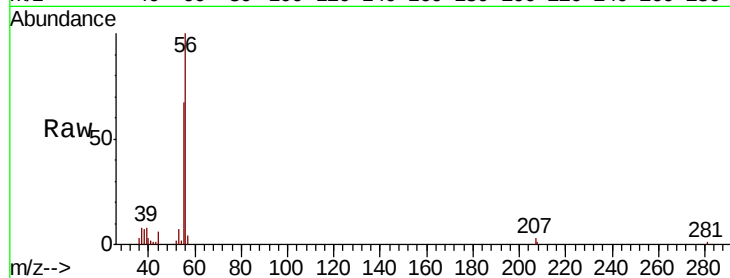
ClientSampled :

Tot Ion: 56 Resp: 15624

Ion Ratio Lower Upper

56 100

55 73.7 56.9 85.3



#14

Allyl chloride

Concen: 21.011 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

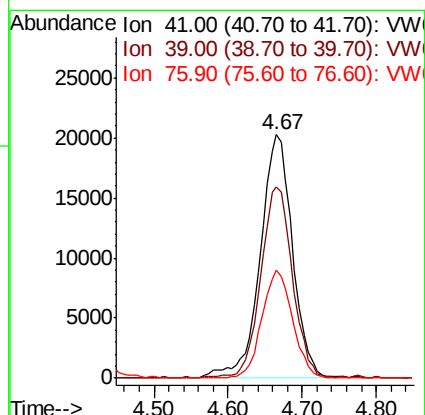
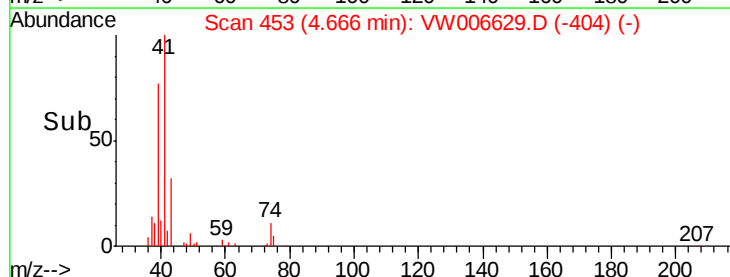
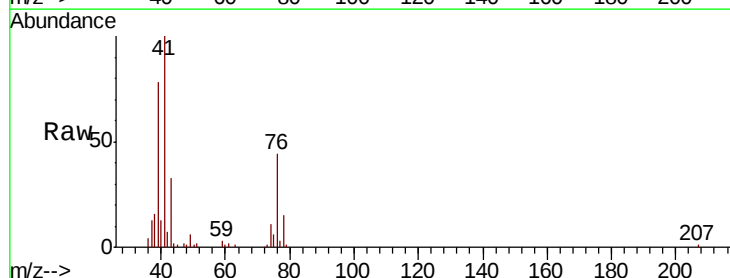
Tgt Ion: 41 Resp: 61527

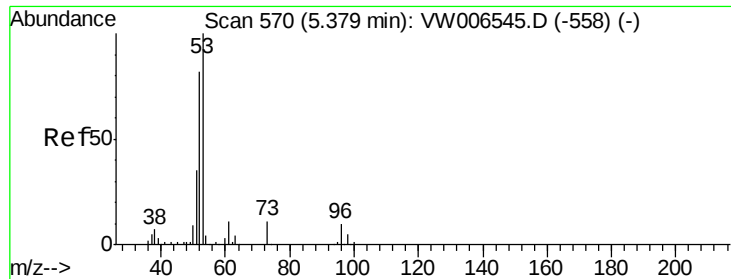
Ion Ratio Lower Upper

41 100

39 77.3 62.1 93.1

76 41.9 34.2 51.2





#15

Acrylonitrile

Concen: 101.930 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

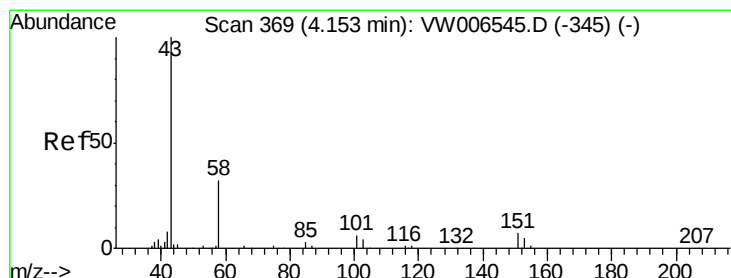
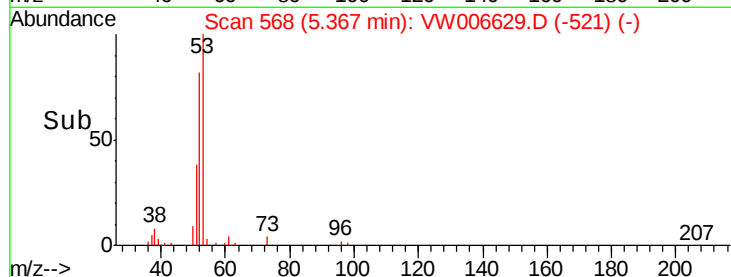
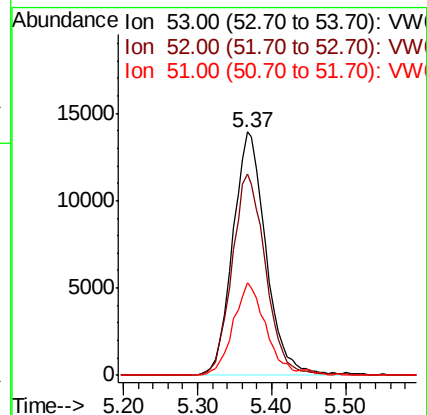
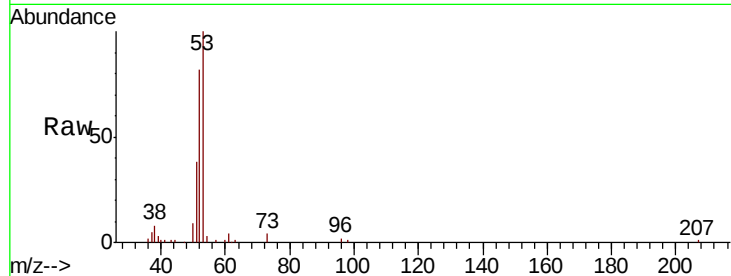
Tot Ion: 53 Resp: 43456

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.8

51 37.1 29.6 44.4



#16

Acetone

Concen: 143.205 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006629.D

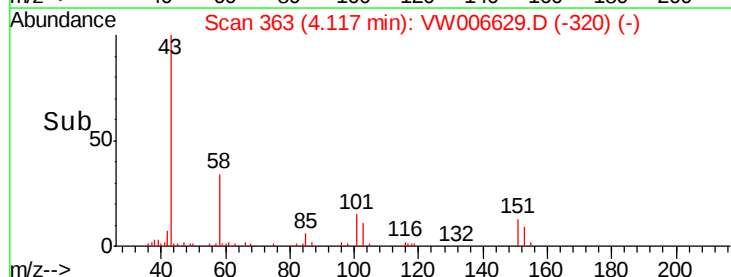
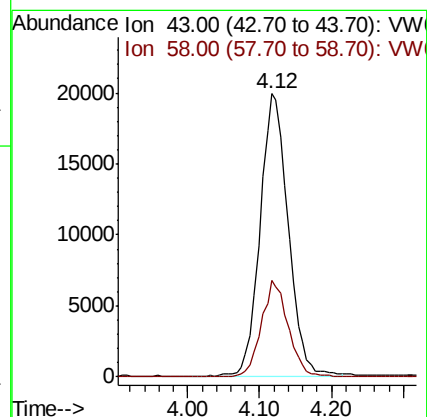
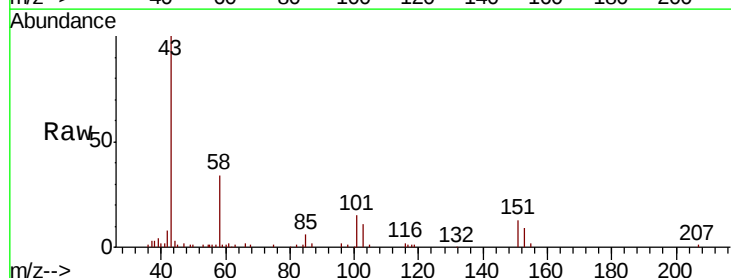
Acq: 05 Nov 2018 12:14

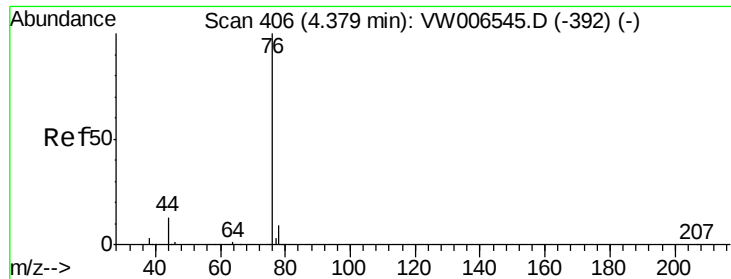
Tgt Ion: 43 Resp: 54660

Ion Ratio Lower Upper

43 100

58 34.3 25.8 38.8

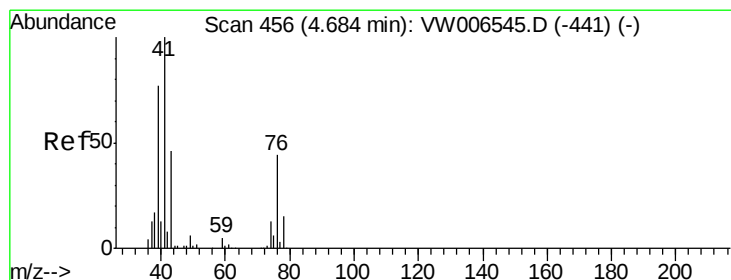
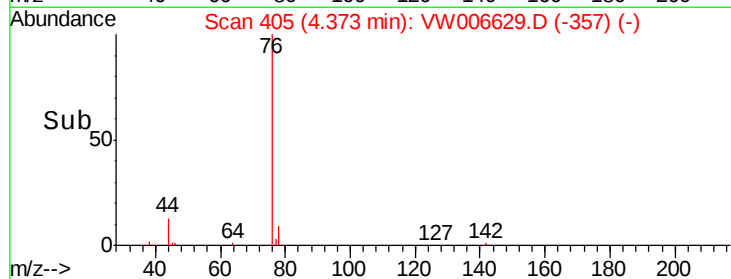
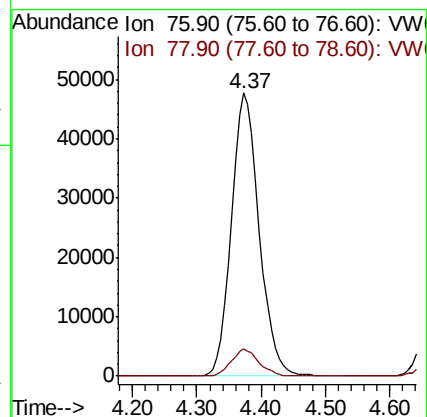
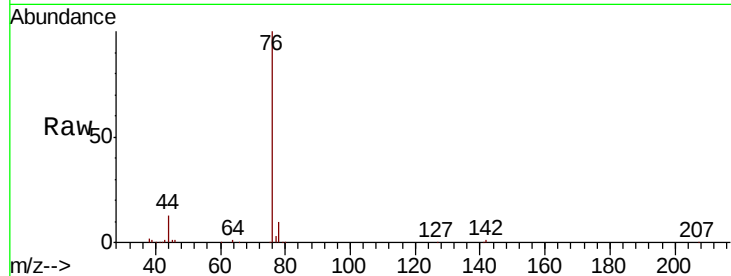




#17
Carbon Disulfide
Concen: 22.535 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

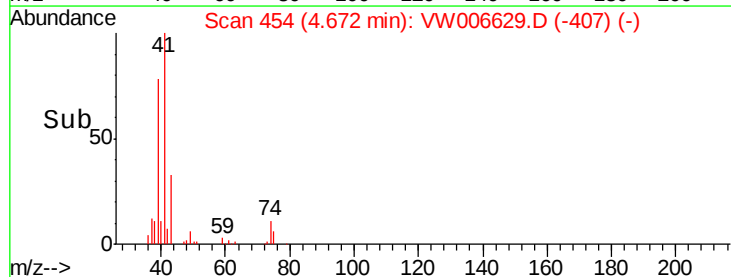
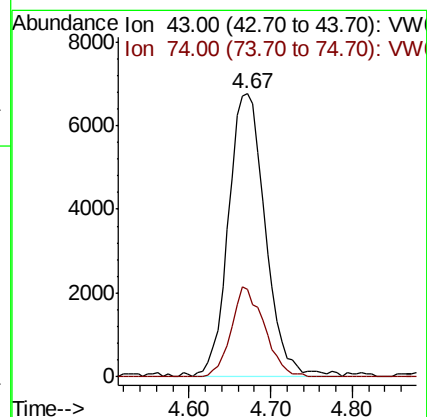
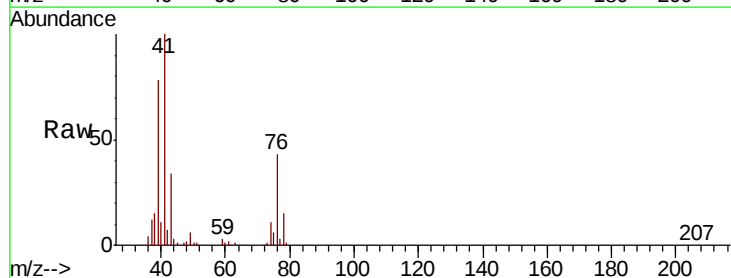
Instrument :
MSVOA_W
ClientSampled :

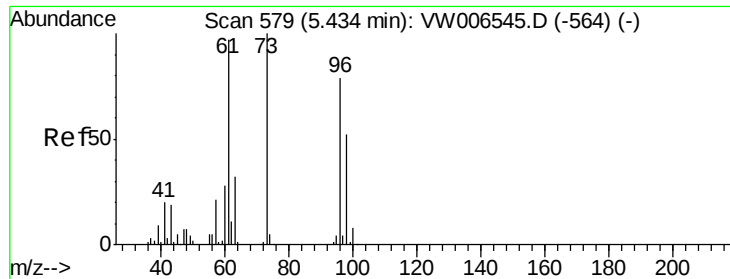
Tot Ion: 76 Resp: 143861
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.298 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 43 Resp: 21181
Ion Ratio Lower Upper
43 100
74 28.4 21.9 32.9



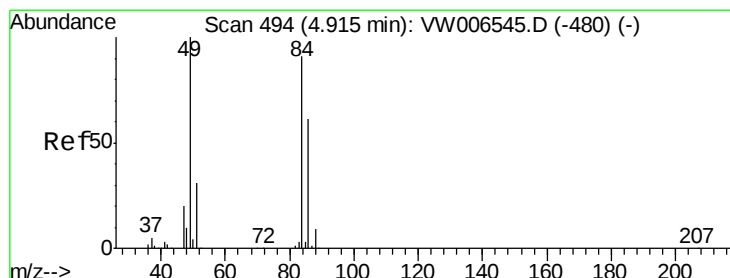
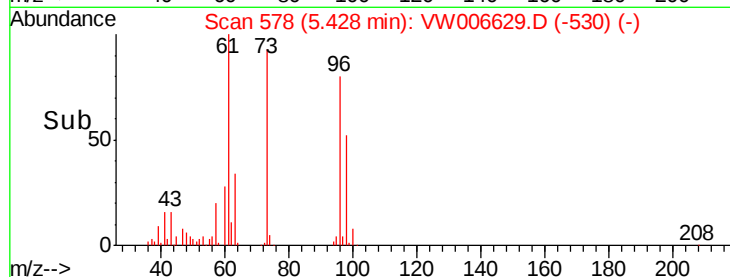
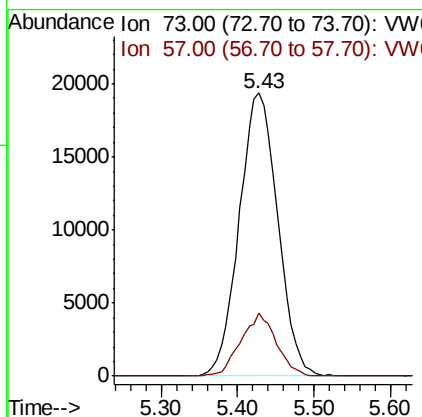
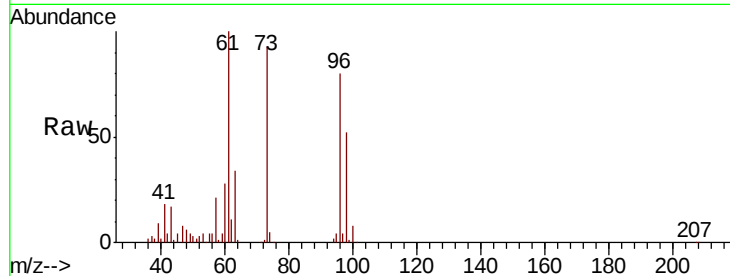


#19

Methyl tert-butyl Ether
 Concen: 20.308 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :

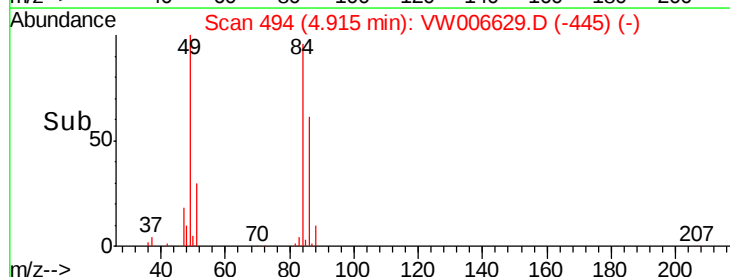
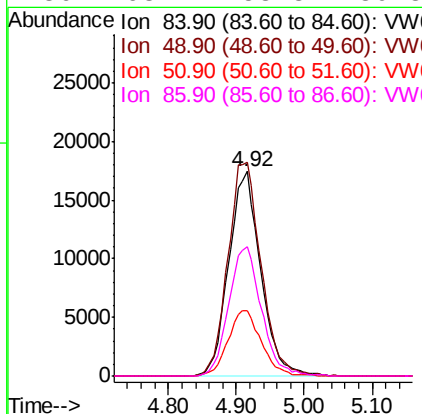
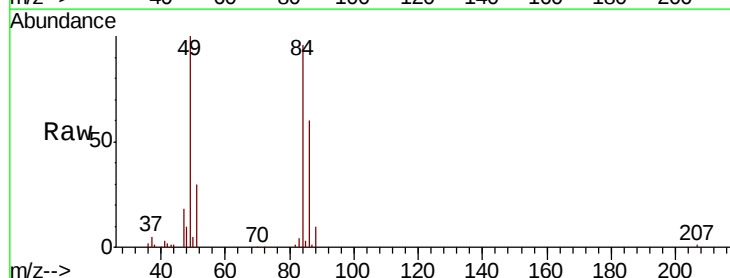
Tot Ion: 73 Resp: 67815
 Ion Ratio Lower Upper
 73 100
 57 22.2 16.7 25.1



#20

Methylene Chloride
 Concen: 19.288 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 84 Resp: 56786
 Ion Ratio Lower Upper
 84 100
 49 104.5 88.2 132.4
 51 31.7 27.0 40.6
 86 63.2 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.939 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

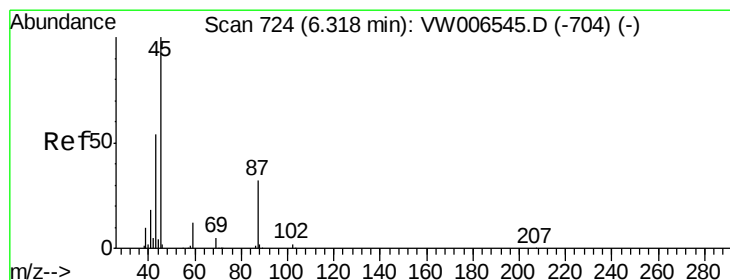
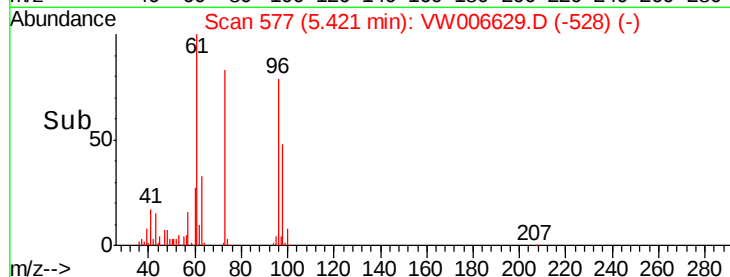
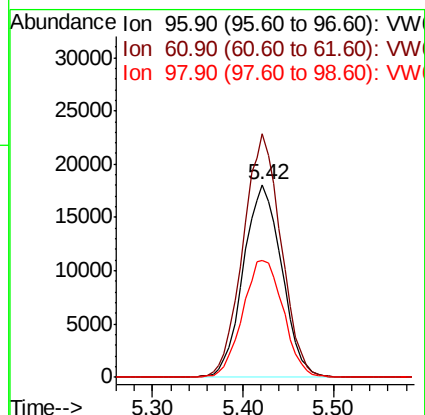
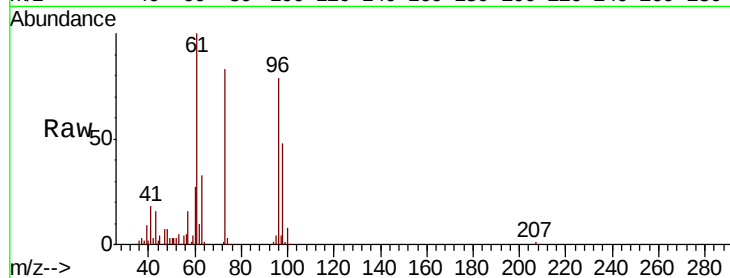
Tot Ion: 96 Resp: 53153

Ion Ratio Lower Upper

96 100

61 126.1 100.6 150.8

98 60.8 52.9 79.3



#22

Diisopropyl ether

Concen: 20.199 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion: 45 Resp: 123310

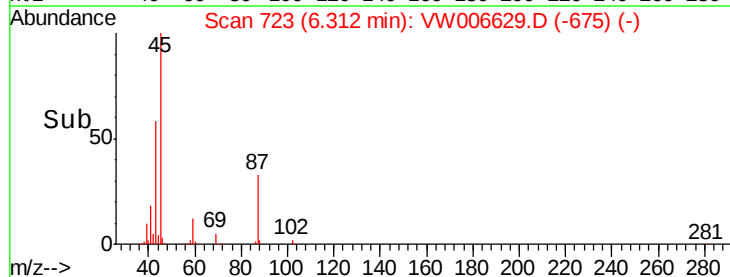
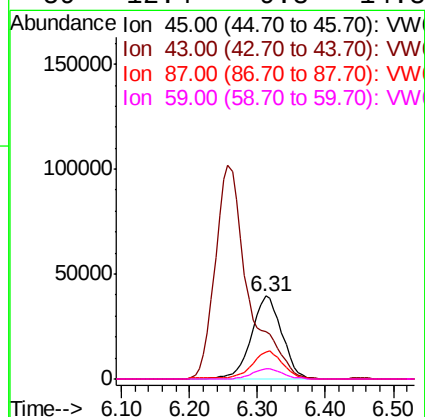
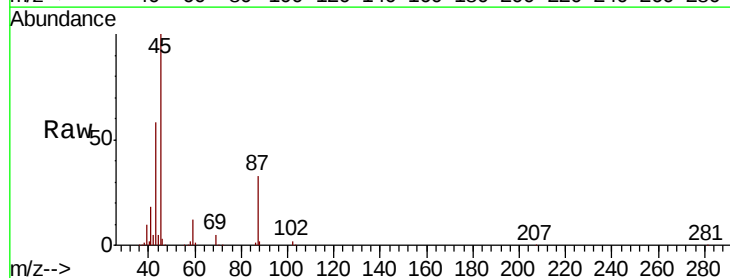
Ion Ratio Lower Upper

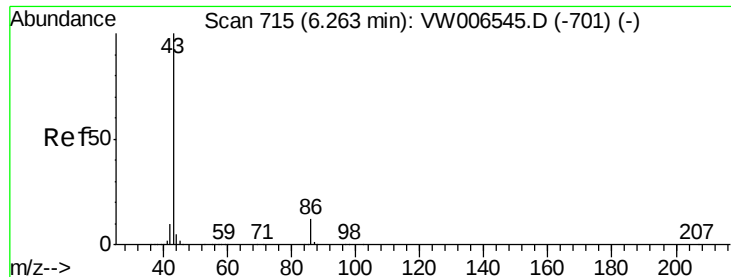
45 100

43 57.1 43.6 65.4

87 32.7 26.3 39.5

59 12.4 9.8 14.8





#23

Vinyl Acetate

Concen: 101.289 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

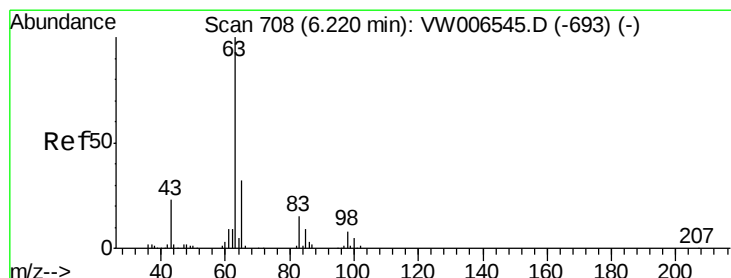
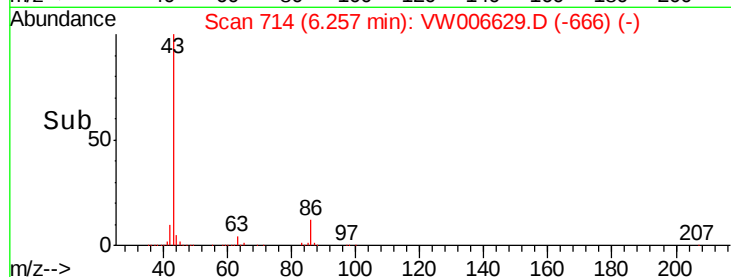
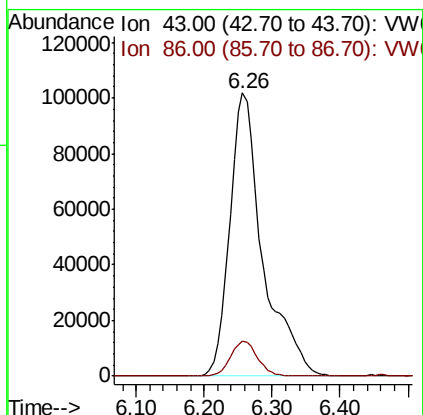
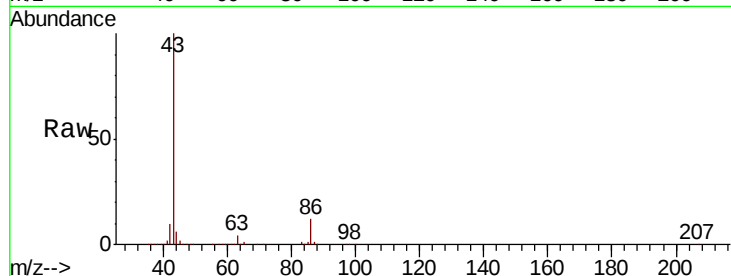
ClientSampled :

Tot Ion: 43 Resp: 342906

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8



#24

1,1-Dichloroethane

Concen: 20.488 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

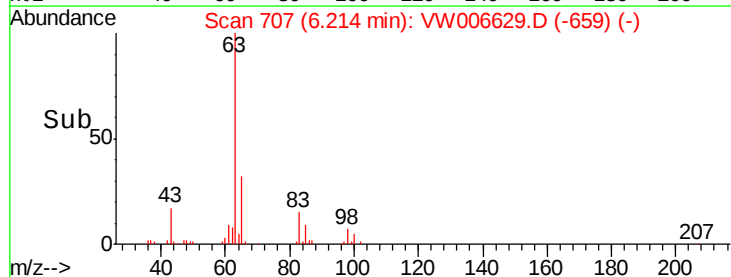
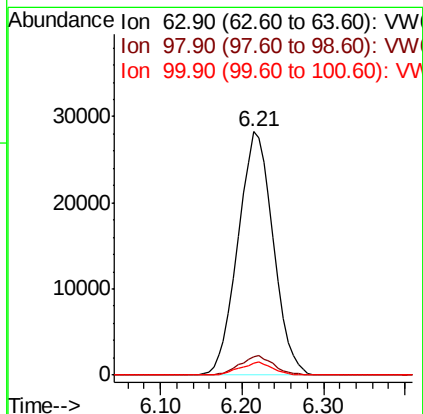
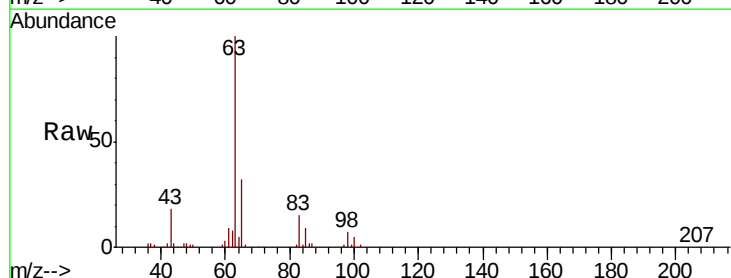
Tgt Ion: 63 Resp: 84768

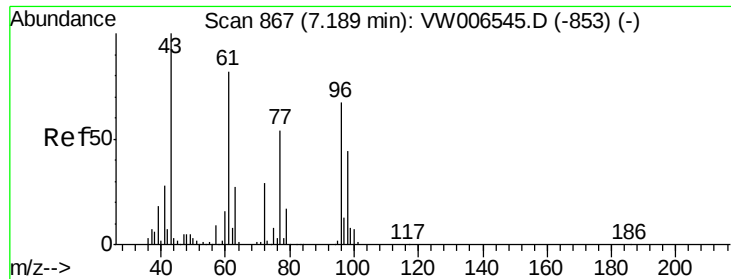
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 114.920 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

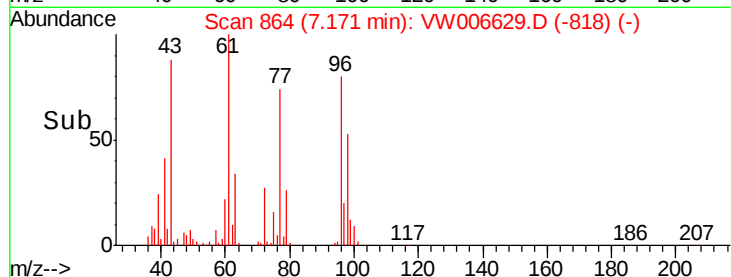
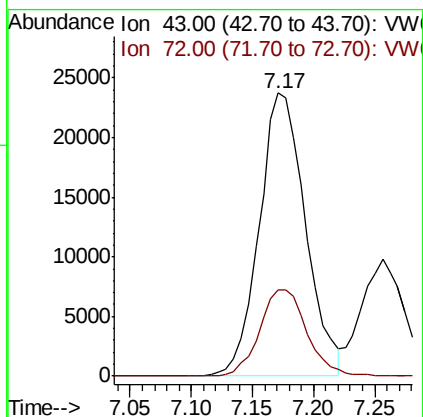
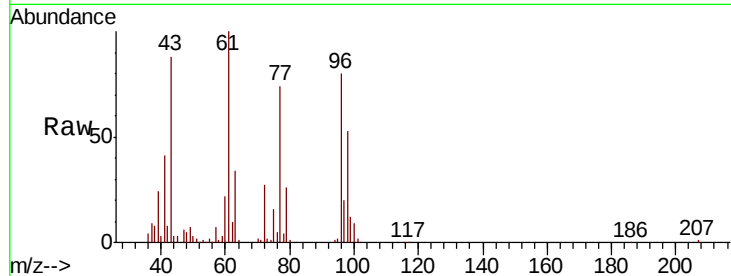
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 62592

Ion Ratio Lower Upper

43 100

72 30.6 23.2 34.8



#26

2,2-Dichloropropane

Concen: 24.112 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006629.D

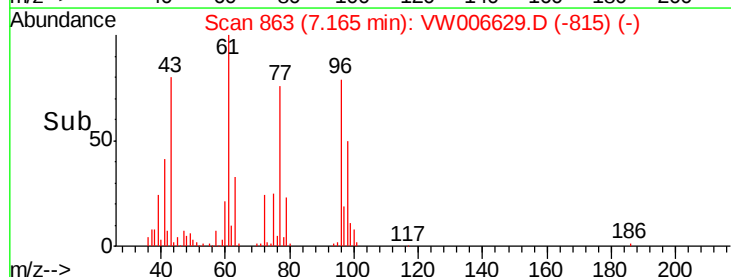
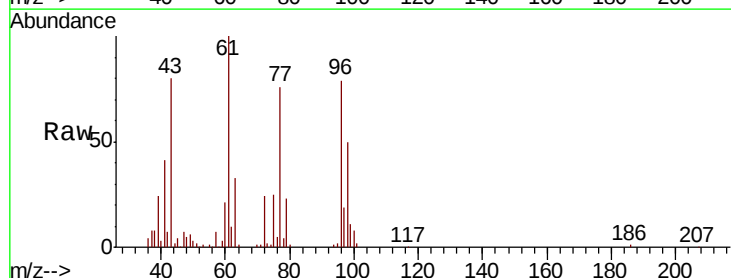
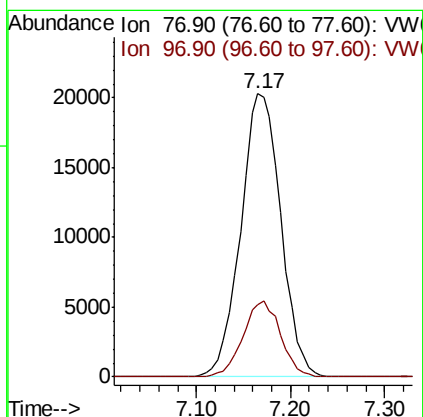
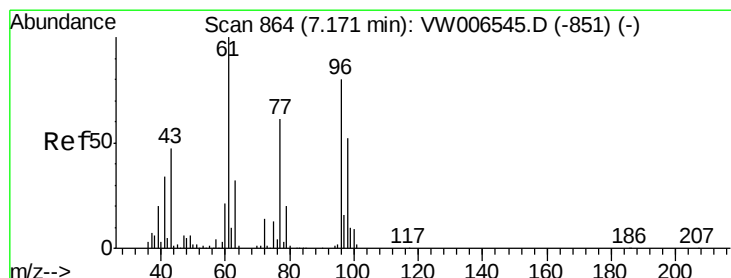
Acq: 05 Nov 2018 12:14

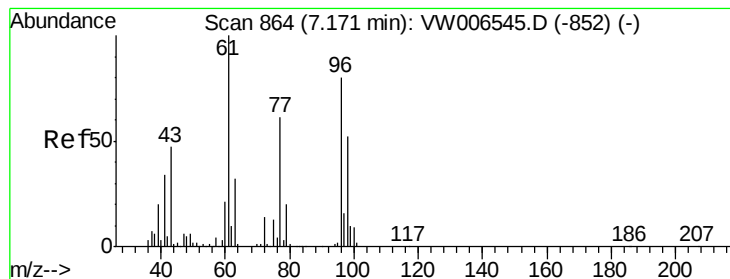
Tgt Ion: 77 Resp: 60096

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.4



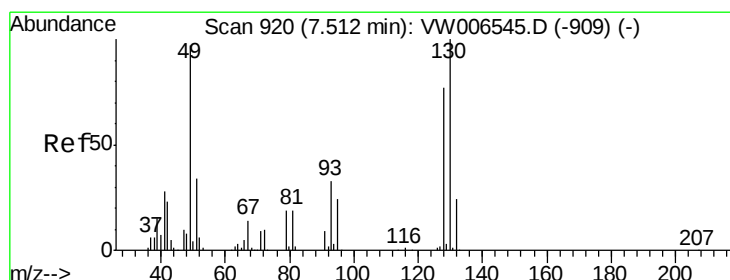
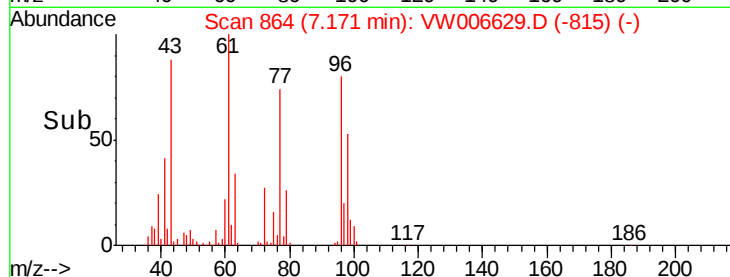
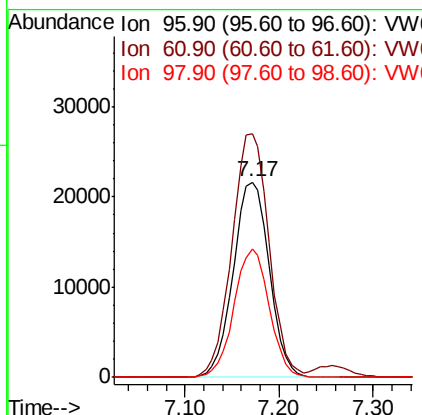
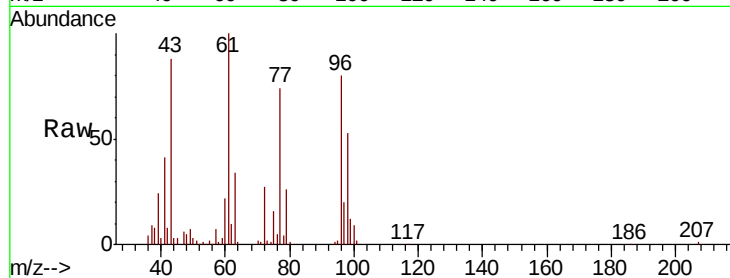


#27

cis-1,2-Dichloroethene
 Concen: 20.365 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :

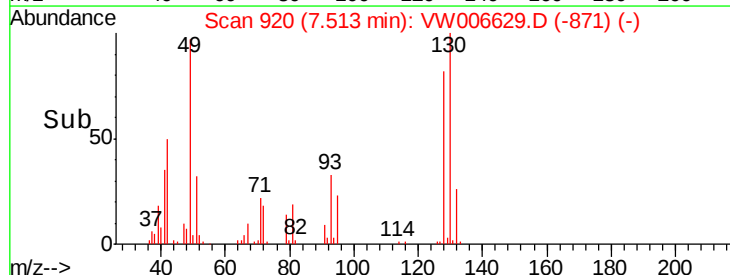
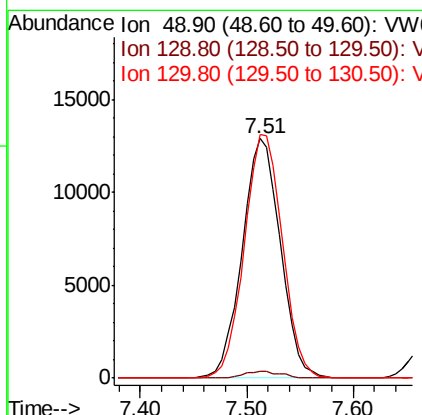
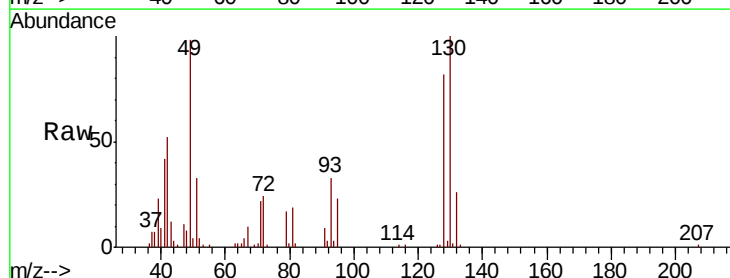
Tot Ion: 96 Resp: 57837
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 254.2
 98 64.3 0.0 129.6

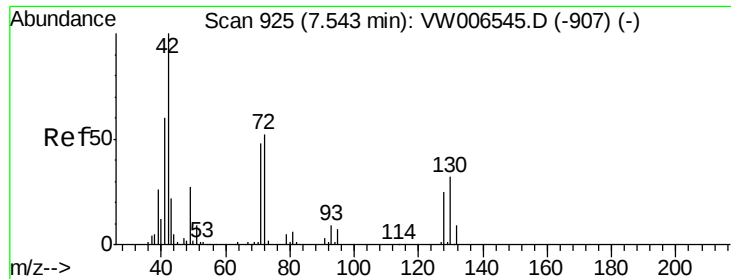


#28

Bromochloromethane
 Concen: 19.789 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 49 Resp: 32511
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 101.5 82.2 123.2

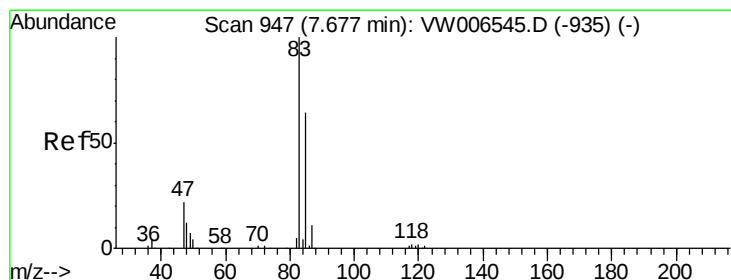
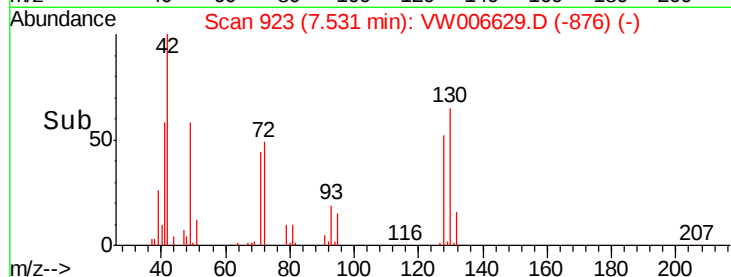
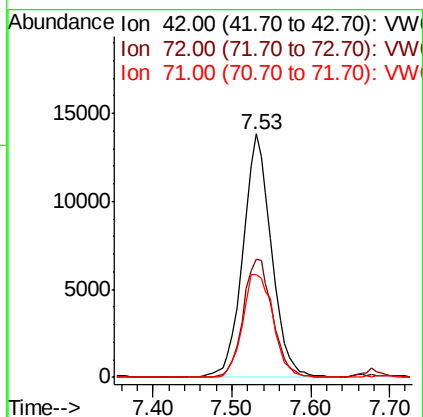
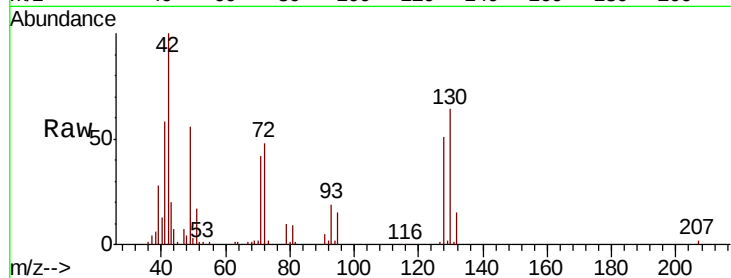




#29
Tetrahydrofuran
Concen: 101.452 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

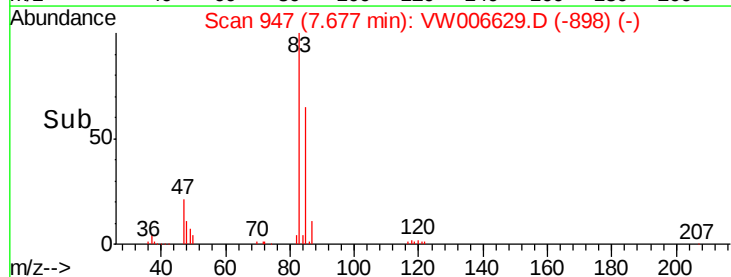
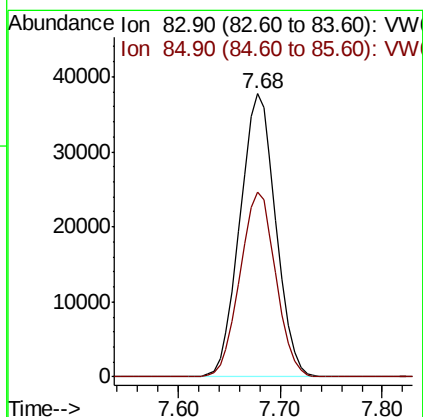
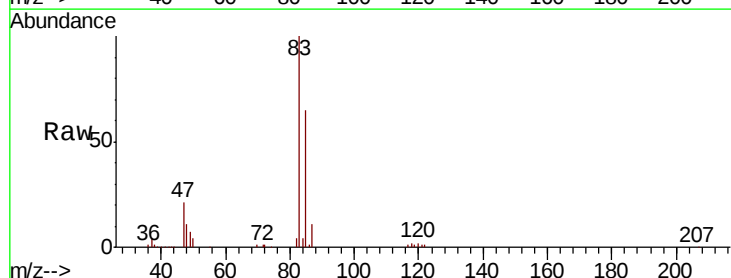
Instrument :
MSVOA_W
ClientSampled :

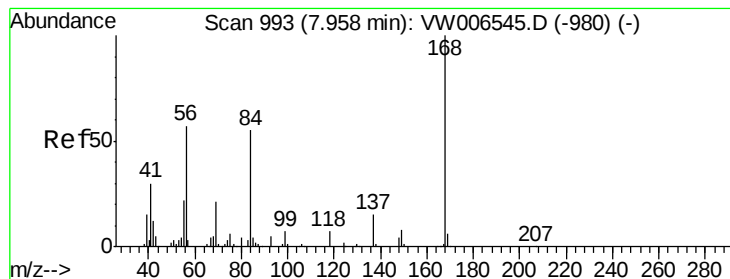
Tot Ion: 42 Resp: 34755
Ion Ratio Lower Upper
42 100
72 49.5 39.2 58.8
71 45.3 37.6 56.4



#30
Chloroform
Concen: 20.263 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 83 Resp: 91919
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9





#31

Cyclohexane

Concen: 21.449 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampled :

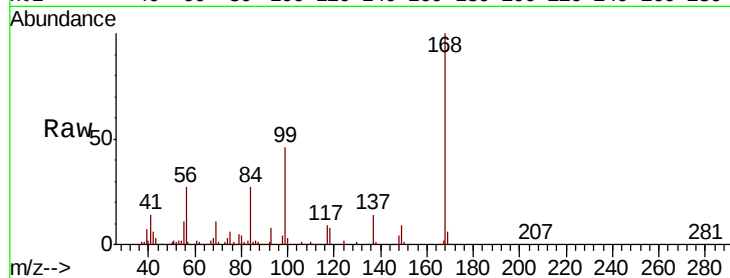
Tot Ion: 56 Resp: 80770

Ion Ratio Lower Upper

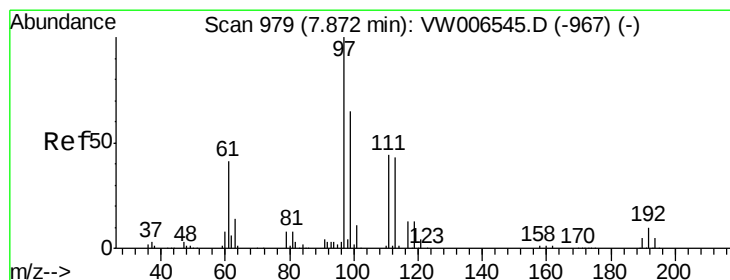
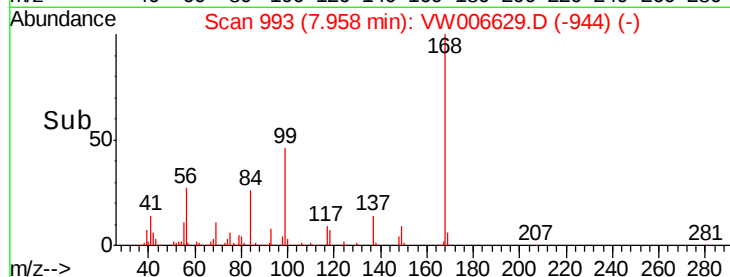
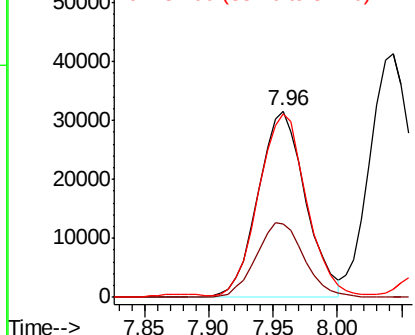
56 100

69 39.4 29.0 43.4

84 97.1 77.8 116.6



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



#32

1,1,1-Trichloroethane

Concen: 21.801 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

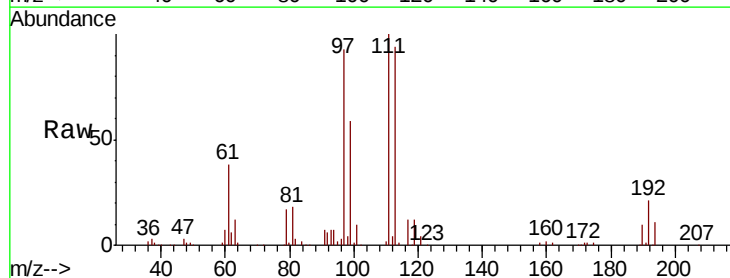
Tgt Ion: 97 Resp: 83682

Ion Ratio Lower Upper

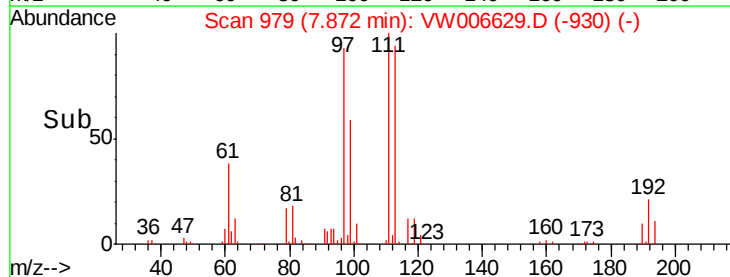
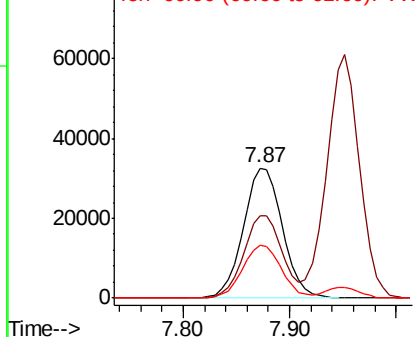
97 100

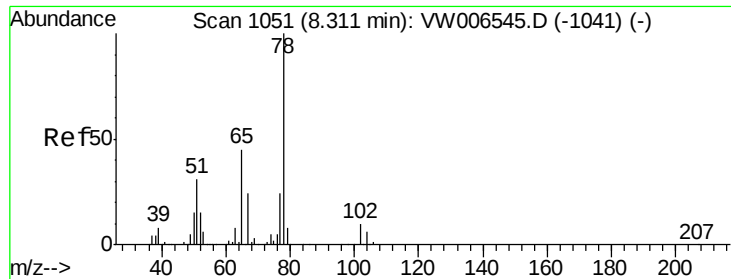
99 62.7 51.7 77.5

61 40.5 32.9 49.3



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

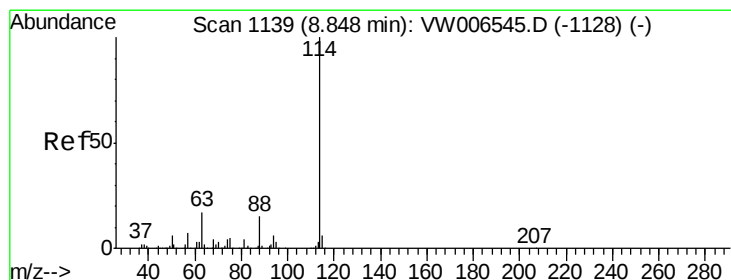
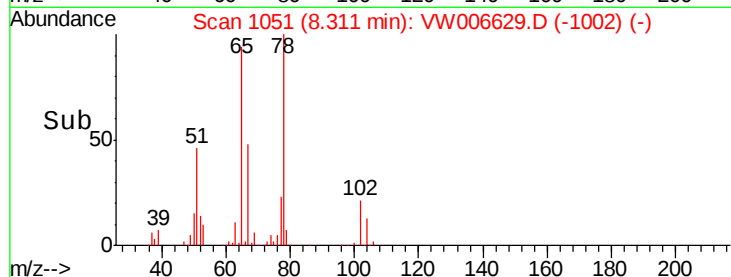
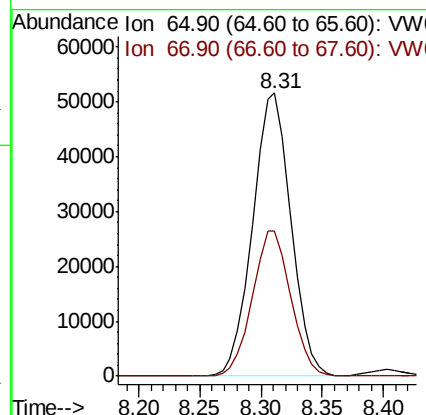
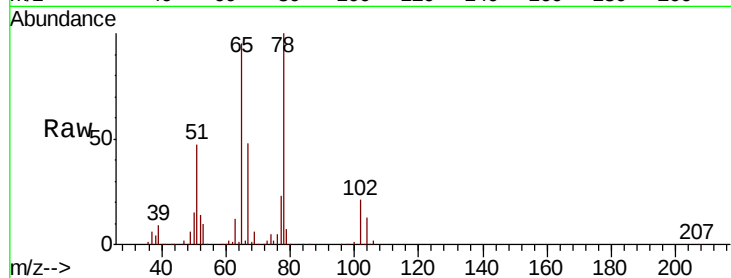




#33
 1,2-Dichloroethane-d4
 Concen: 47.649 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

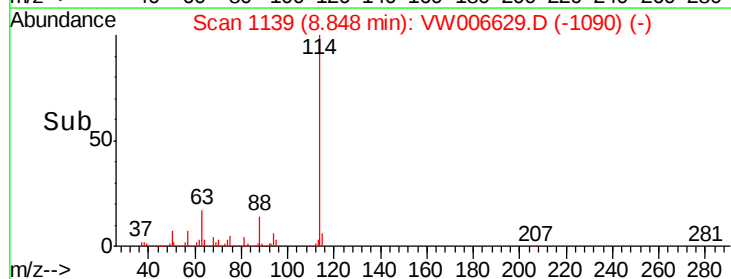
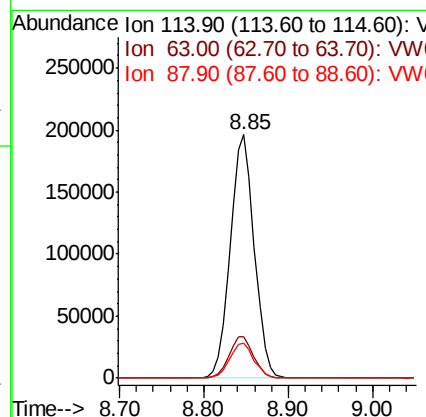
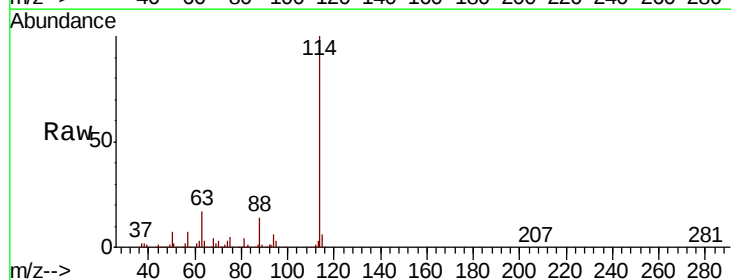
Instrument :
 MSVOA_W
 ClientSampleId :

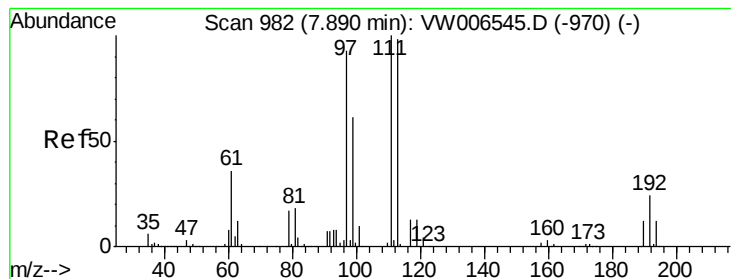
Tot Ion: 65 Resp: 112648
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 114 Resp: 379658
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.601 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

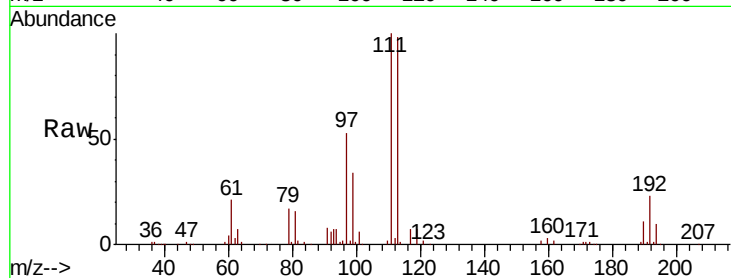
Tot Ion:113 Resp: 120565

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

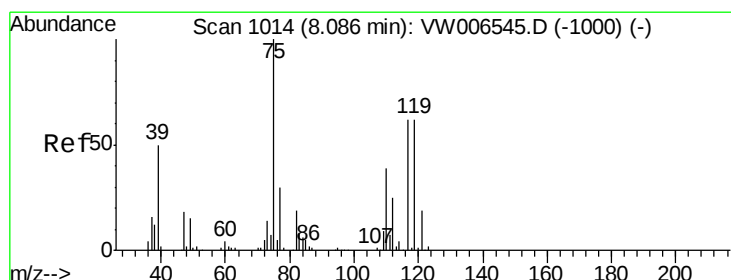
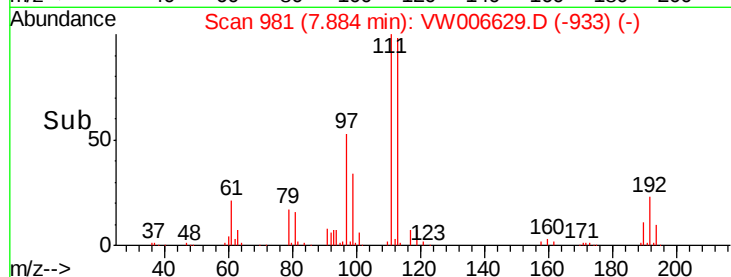
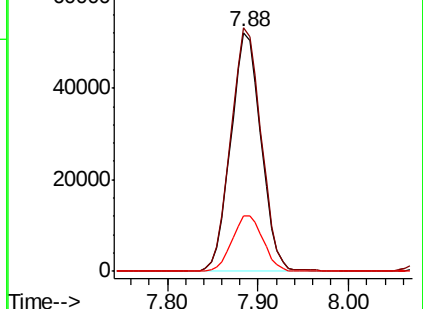
192 23.9 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.030 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

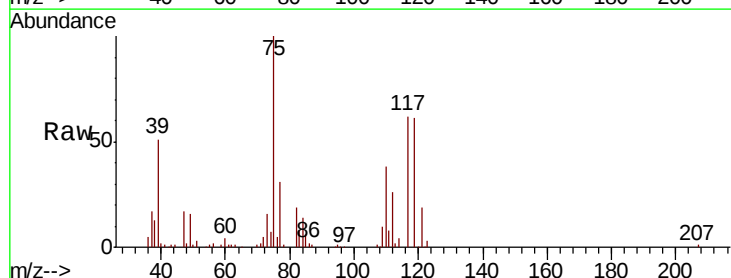
Tgt Ion: 75 Resp: 73552

Ion Ratio Lower Upper

75 100

110 39.1 19.5 58.5

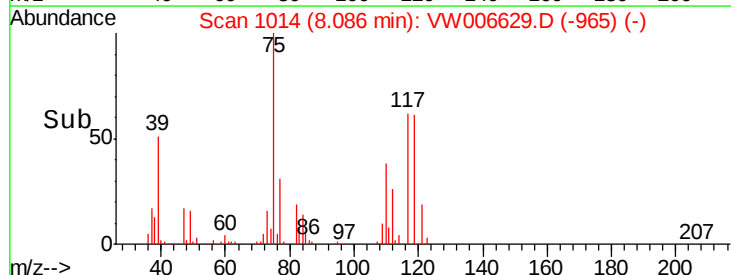
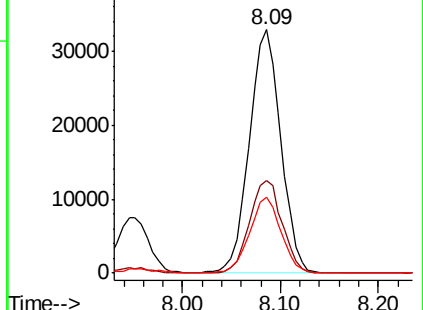
77 31.1 24.6 37.0

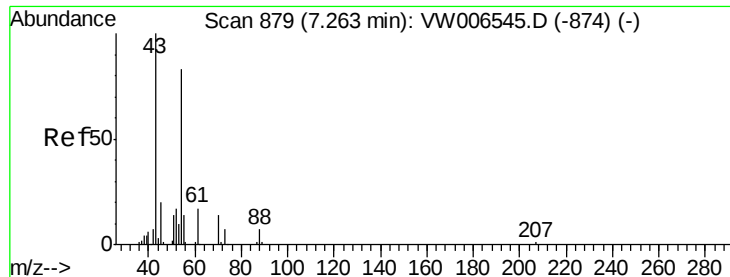


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

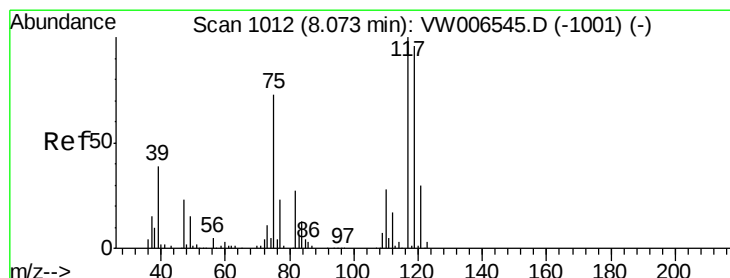
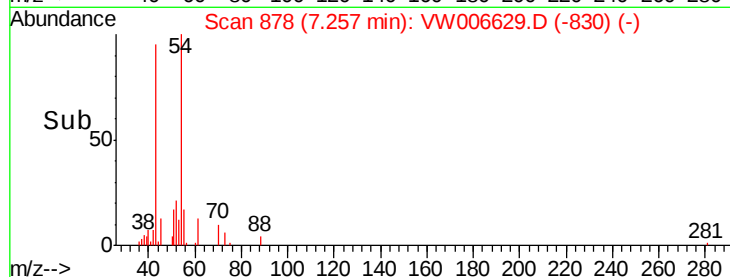
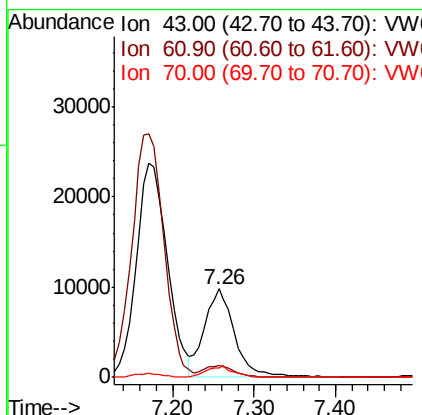
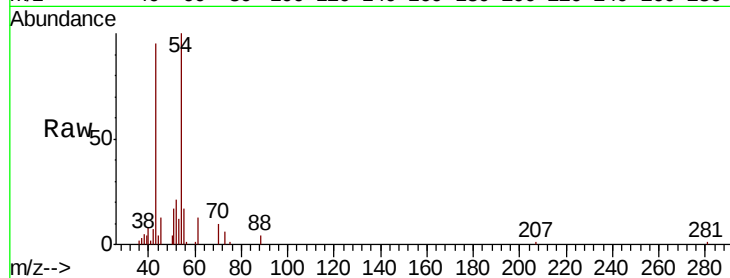




#37
Ethyl Acetate
Concen: 21.783 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

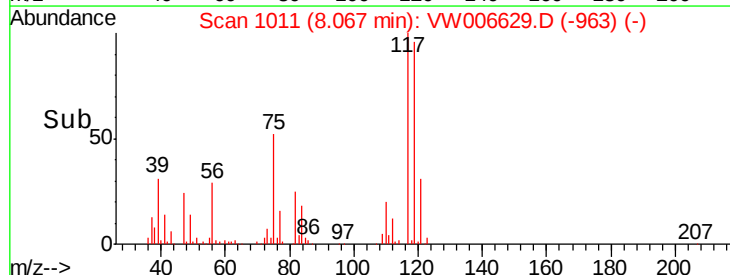
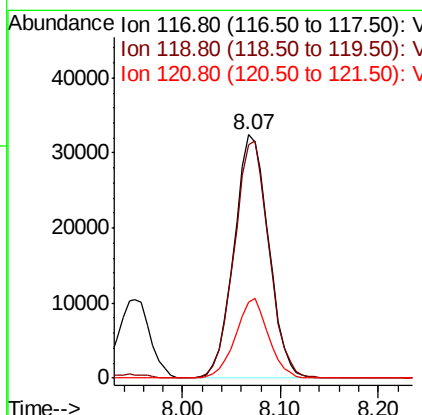
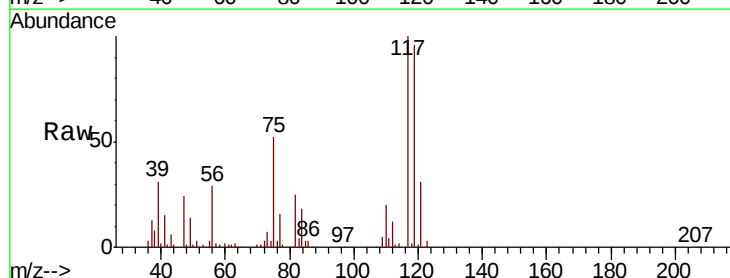
Instrument :
MSVOA_W
ClientSampleId :

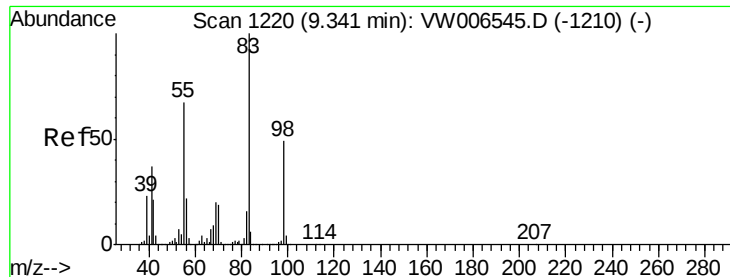
Tot Ion: 43 Resp: 25203
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 11.3 9.8 14.6



#38
Carbon Tetrachloride
Concen: 22.817 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 117 Resp: 79602
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
121 31.1 24.1 36.1

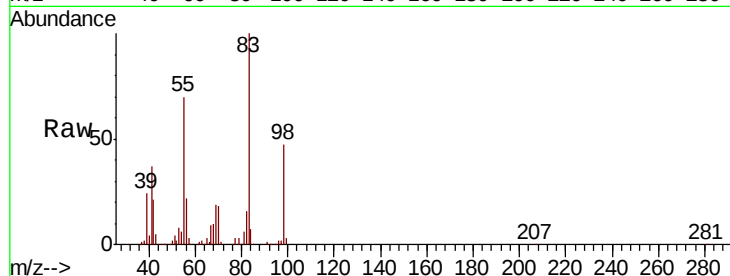




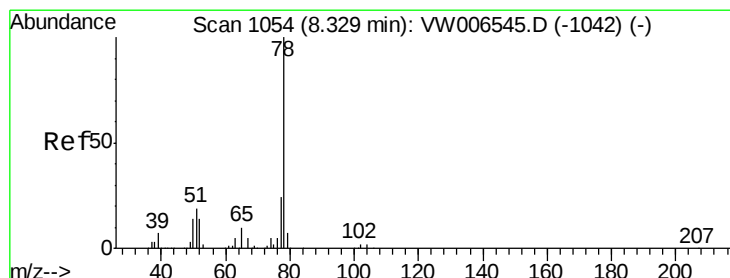
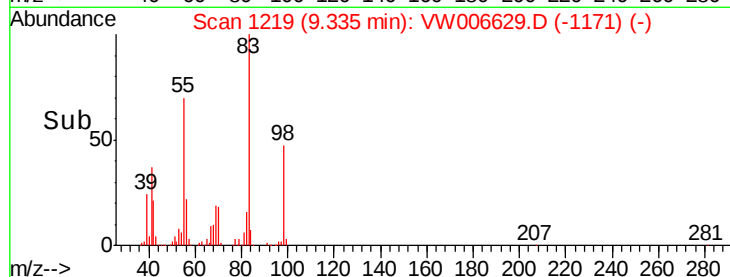
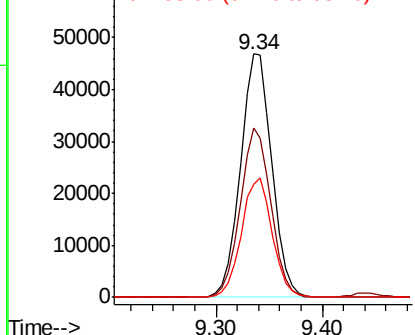
#39
Methvlcvclohexane
Concen: 22.786 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 96541
Ion Ratio Lower Upper
83 100
55 69.8 53.7 80.5
98 46.7 39.2 58.8

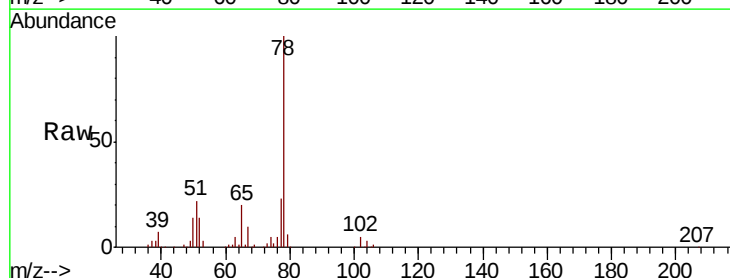


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

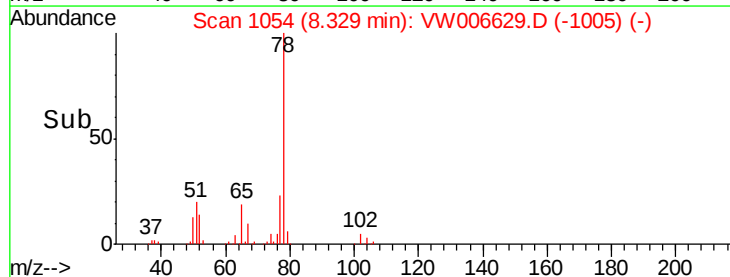
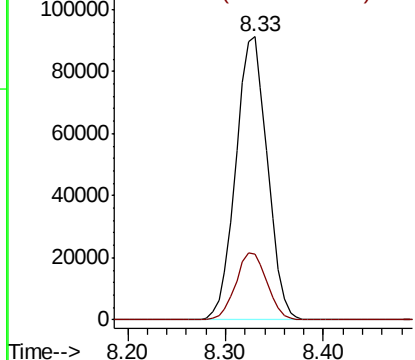


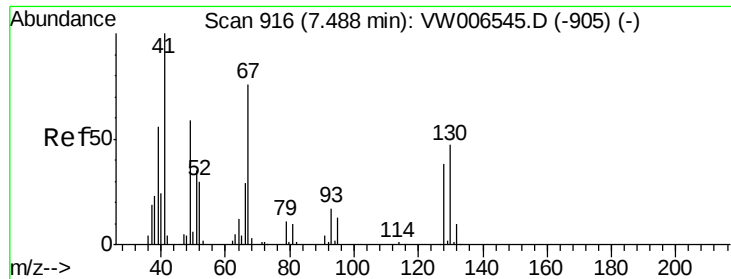
#40
Benzene
Concen: 21.518 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 78 Resp: 204060
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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

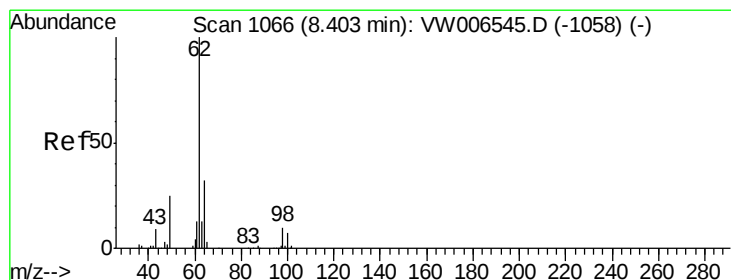
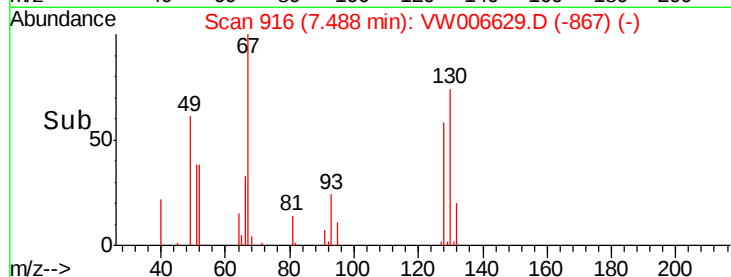
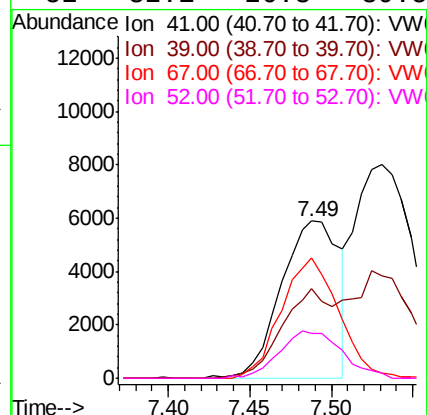
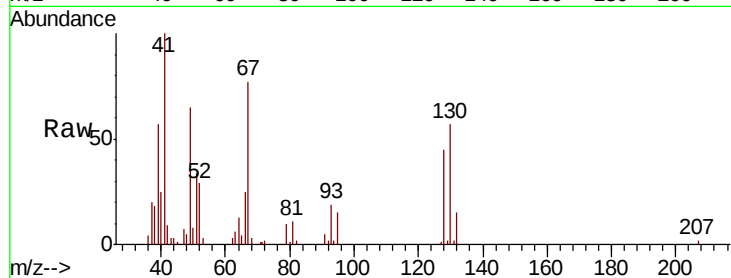




#41
Methacrylonitrile
Concen: 20.662 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

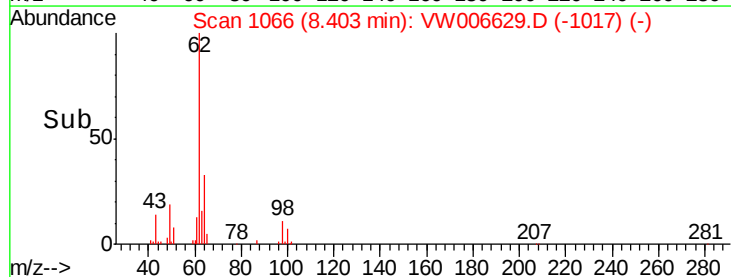
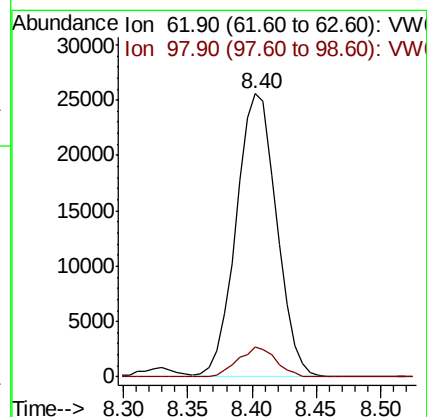
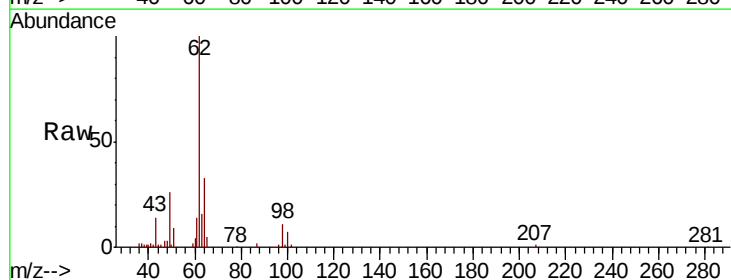
Instrument :
MSVOA_W
ClientSampleId :

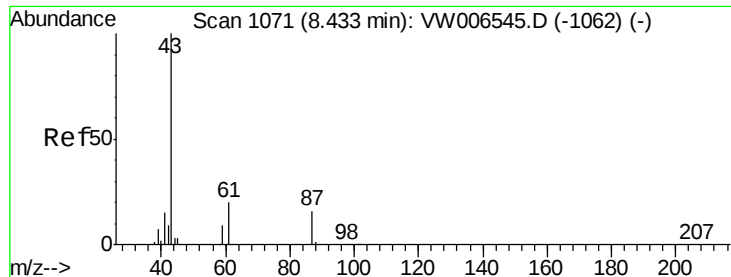
Tot Ion:	41	Resp:	14659
Ion	Ratio	Lower	Upper
41	100		
39	47.4	44.5	66.7
67	75.4	63.8	95.8
52	32.1	26.3	39.5



#42
1,2-Dichloroethane
Concen: 20.508 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion:	62	Resp:	55774
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

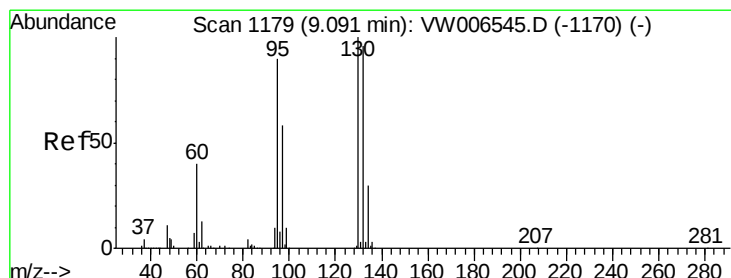
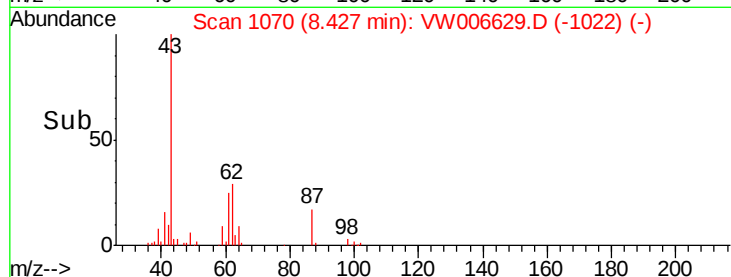
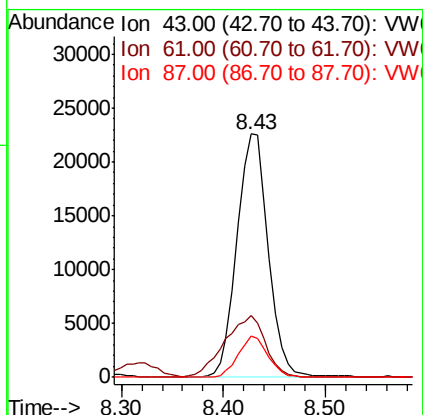
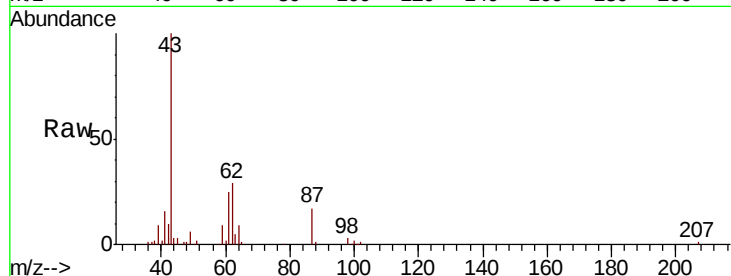




#43
Isopropyl Acetate
Concen: 20.866 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

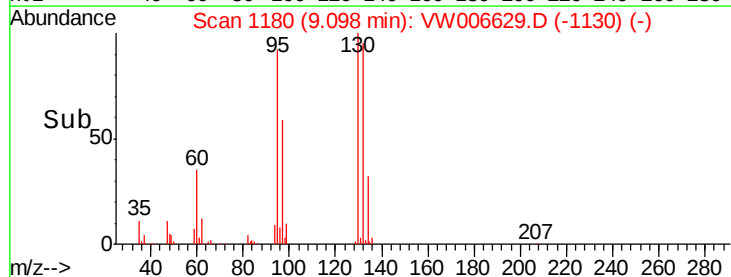
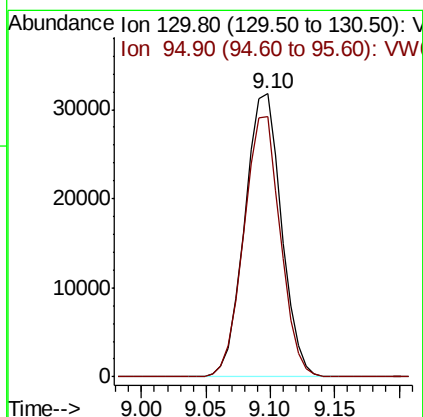
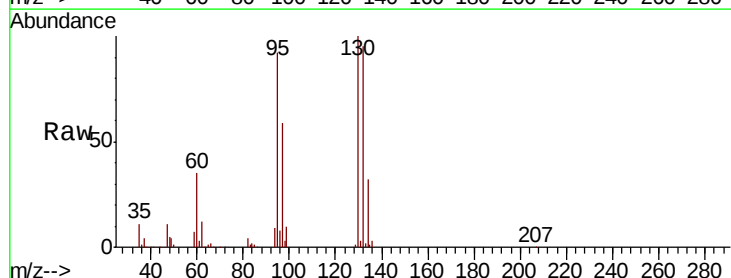
Instrument :
MSVOA_W
ClientSampleId :

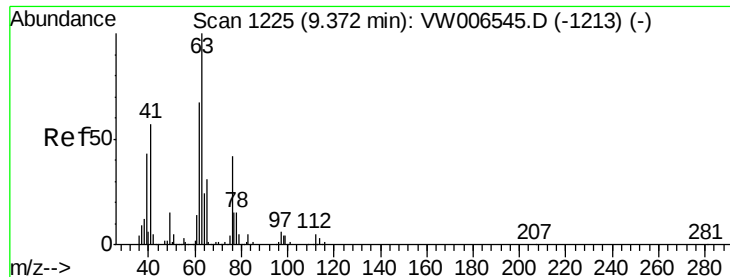
Tot Ion	43	Resp	48175
Ion Ratio	Lower	Upper	
43	100		
61	33.1	27.2	40.8
87	16.1	12.9	19.3



#44
Trichloroethene
Concen: 21.383 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	130	Resp	62575
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	179.2

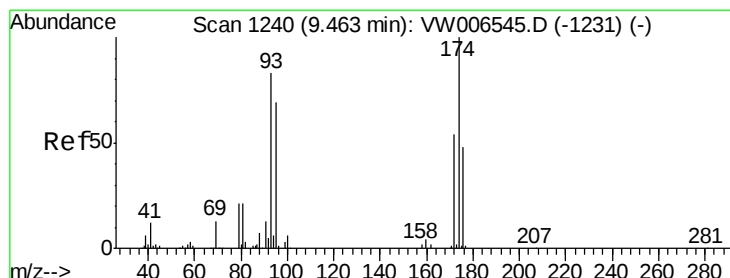
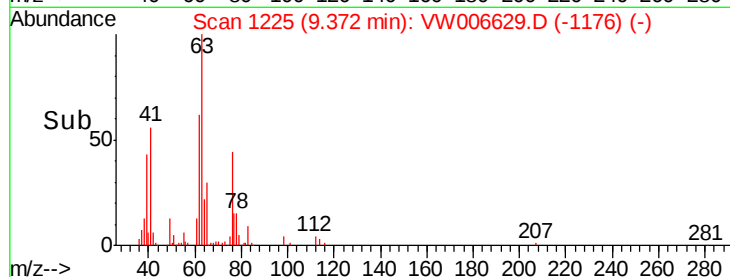
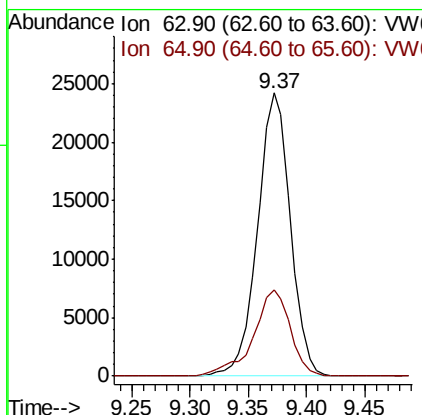
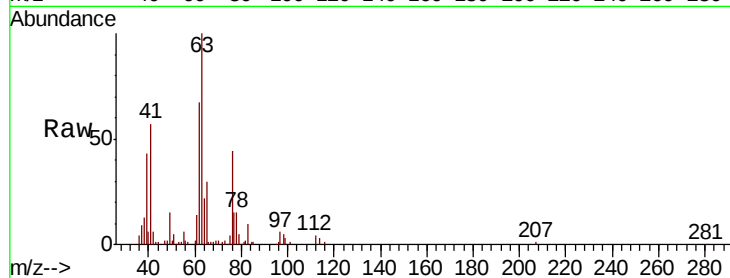




#45
 1,2-Dichloropropane
 Concen: 21.486 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

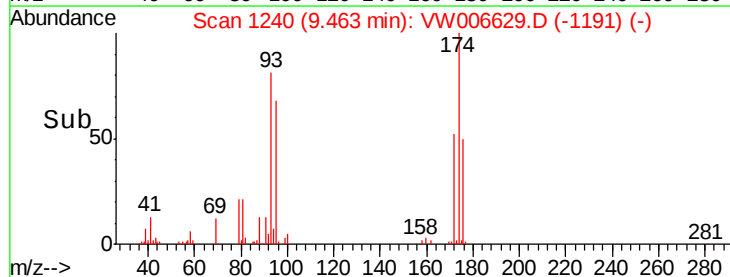
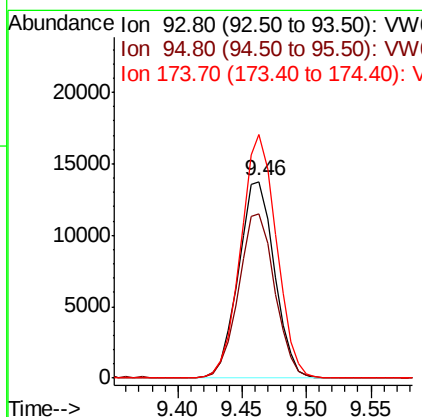
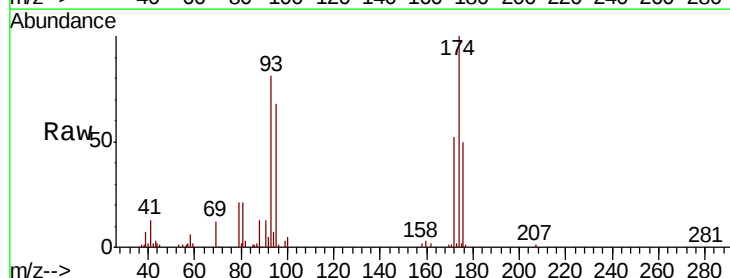
Instrument :
 MSVOA_W
 ClientSampled :

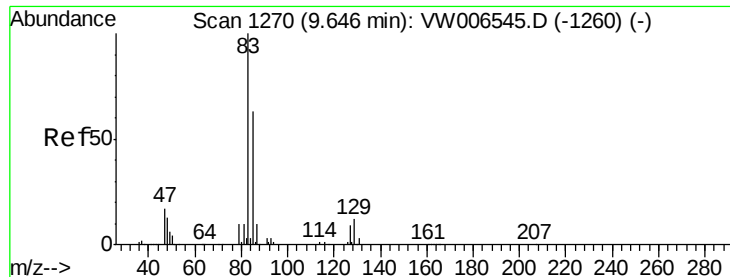
Tot Ion: 63 Resp: 47417
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7



#46
 Dibromomethane
 Concen: 20.525 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 93 Resp: 26627
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 122.3 97.3 145.9





#47

Bromodichloromethane

Concen: 21.078 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

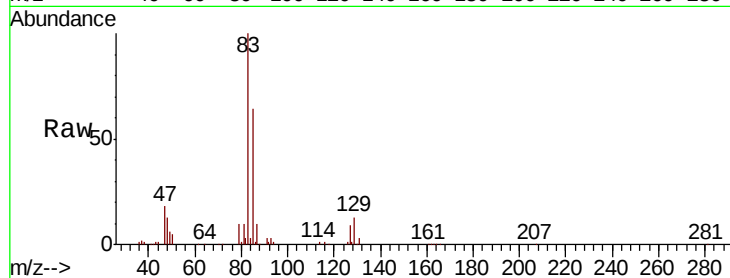
Tot Ion: 83 Resp: 63493

Ion Ratio Lower Upper

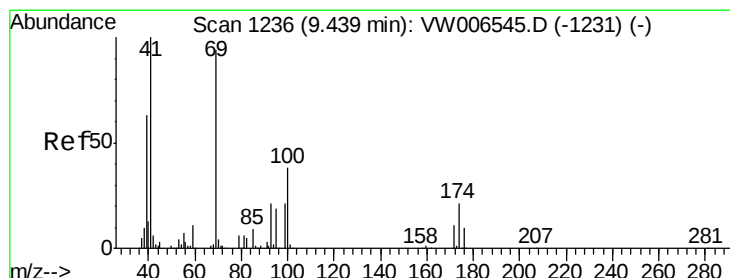
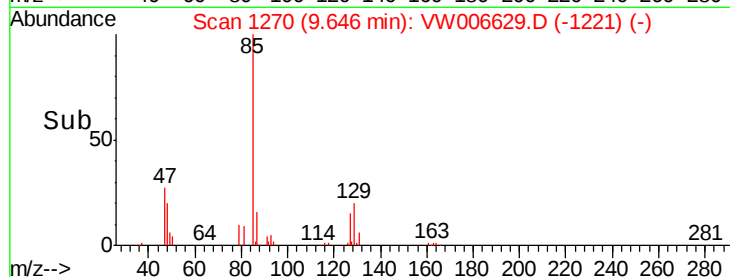
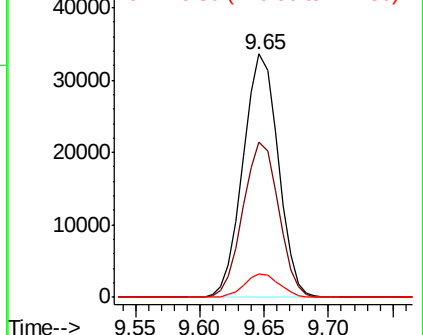
83 100

85 63.7 50.6 75.8

127 9.5 7.5 11.3



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



#48

Methyl methacrylate

Concen: 20.347 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

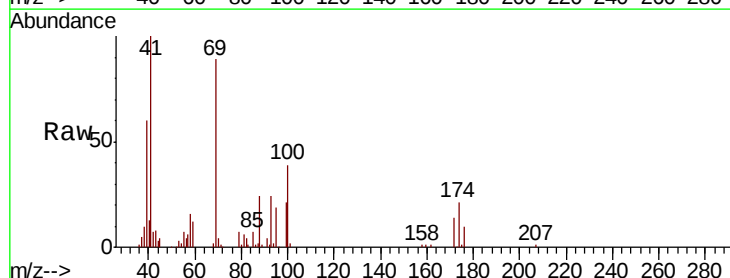
Tgt Ion: 41 Resp: 22633

Ion Ratio Lower Upper

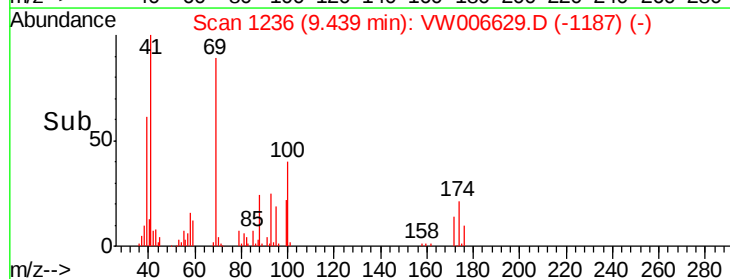
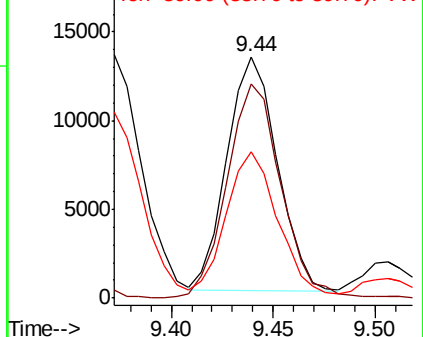
41 100

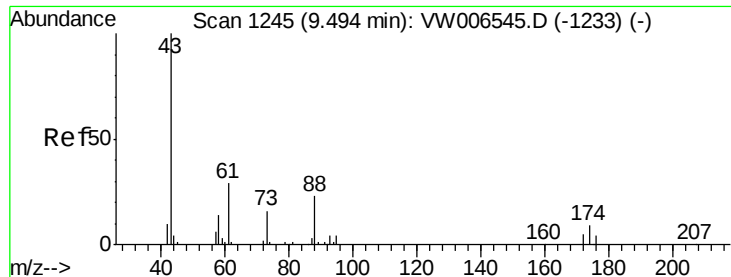
69 98.2 77.8 116.8

39 60.1 48.7 73.1



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





#49

1,4-Dioxane

Concen: 427.105 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.05 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :

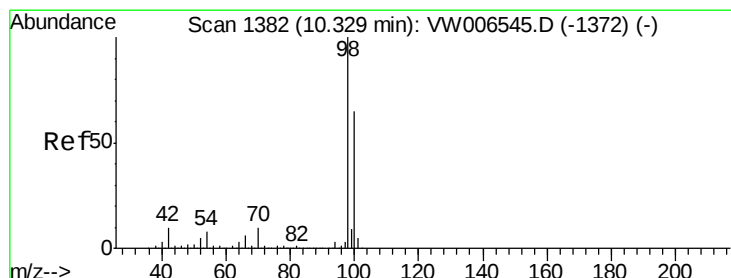
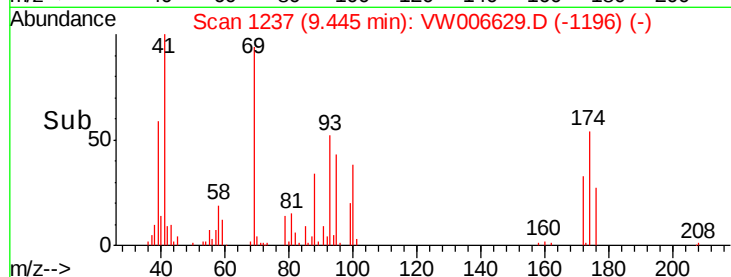
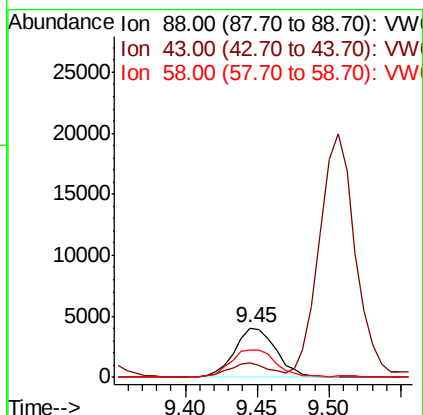
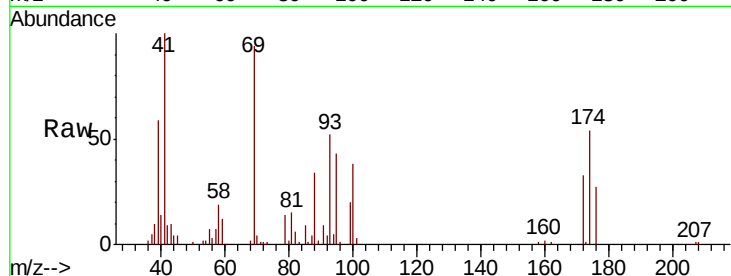
Tot Ion: 88 Resp: 8109

Ion Ratio Lower Upper

88 100

43 29.8 356.6 534.8#

58 61.3 51.4 77.2



#50

Toluene-d8

Concen: 52.271 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006629.D

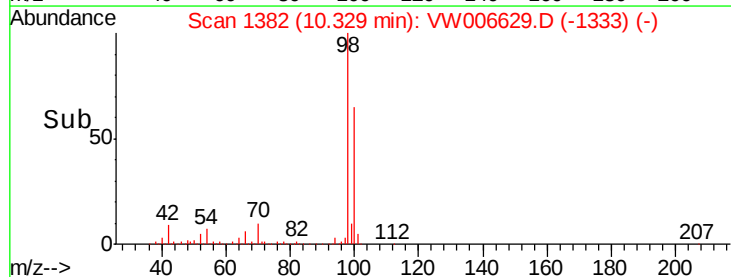
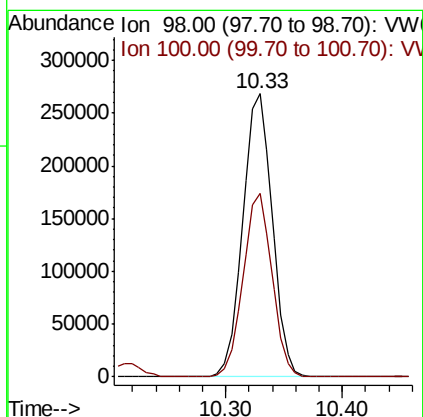
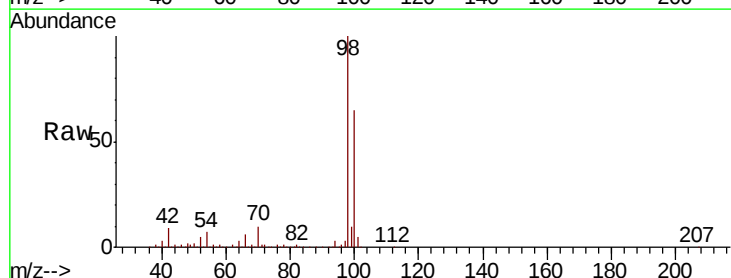
Acq: 05 Nov 2018 12:14

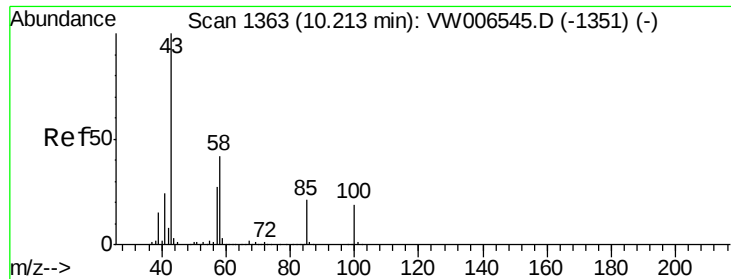
Tgt Ion: 98 Resp: 474114

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 102.370 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

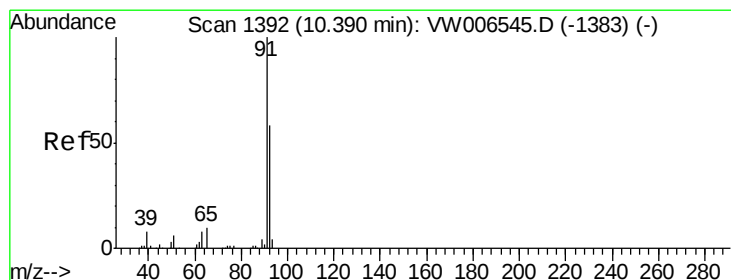
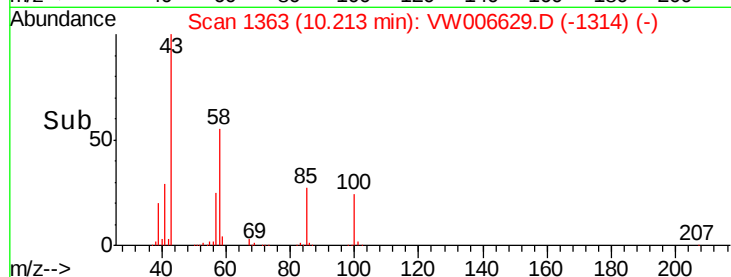
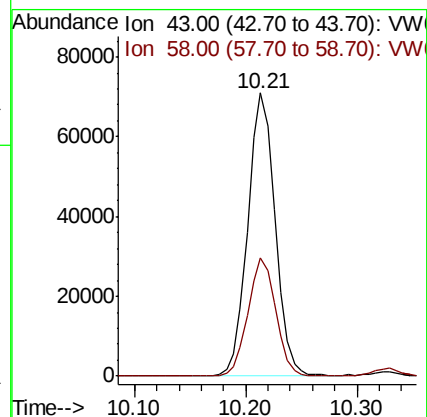
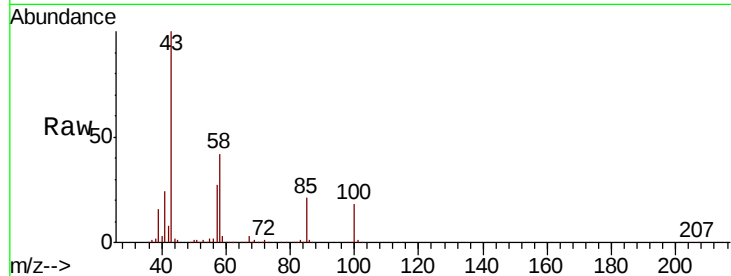
ClientSampled :

Tot Ion: 43 Resp: 121386

Ion Ratio Lower Upper

43 100

58 42.3 33.4 50.0



#52

Toluene

Concen: 21.105 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006629.D

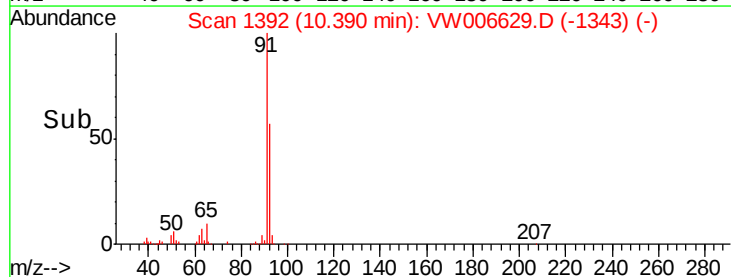
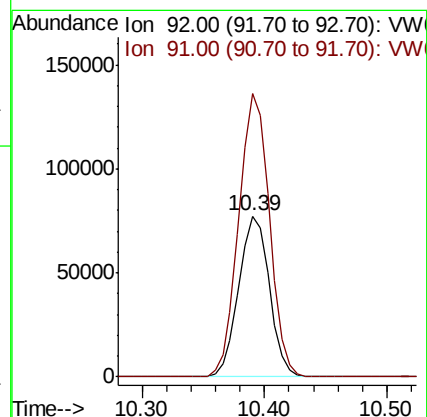
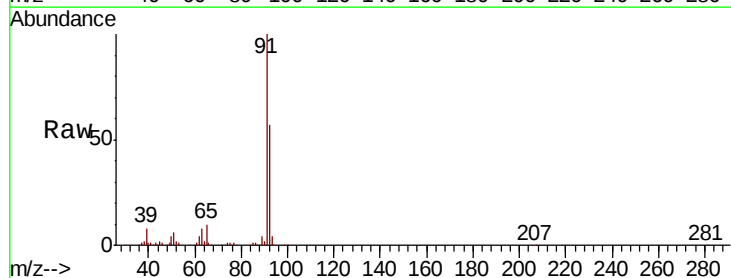
Acq: 05 Nov 2018 12:14

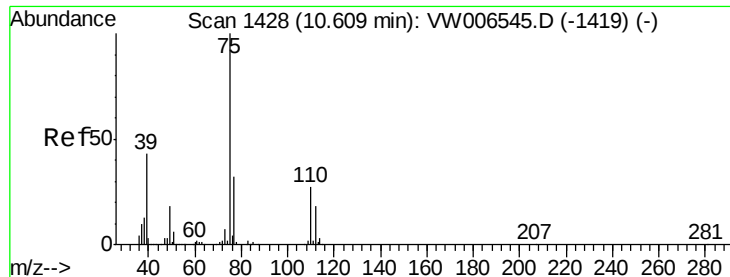
Tgt Ion: 92 Resp: 134240

Ion Ratio Lower Upper

92 100

91 176.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.434 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

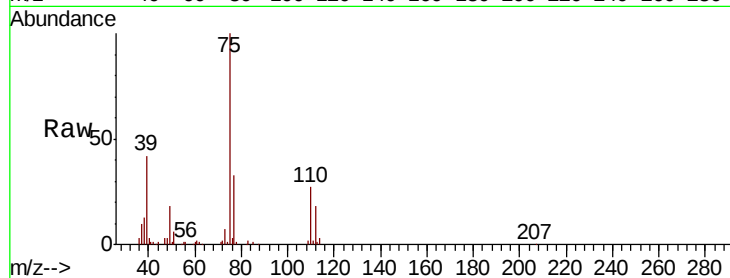
ClientSampleId :

Tot Ion: 75 Resp: 62138

Ion Ratio Lower Upper

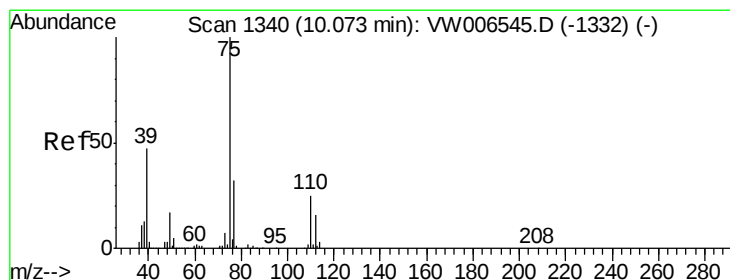
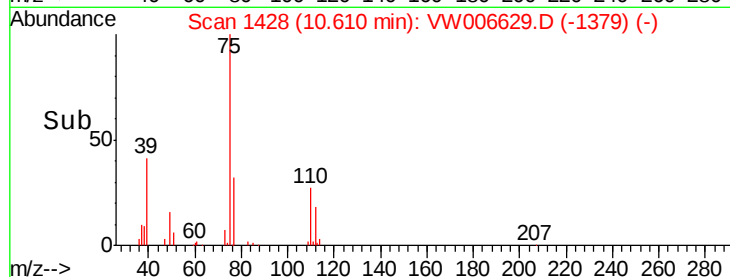
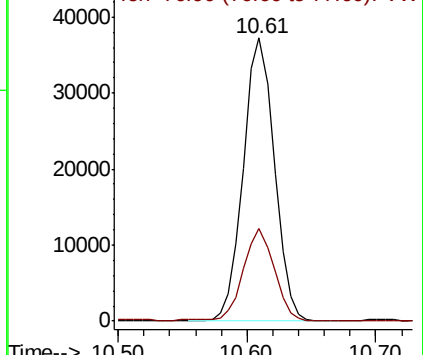
75 100

77 32.4 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.401 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

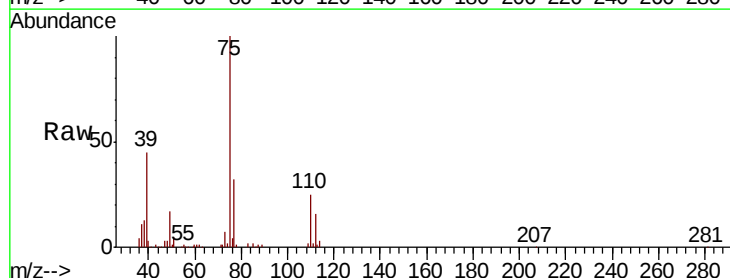
Tgt Ion: 75 Resp: 73316

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

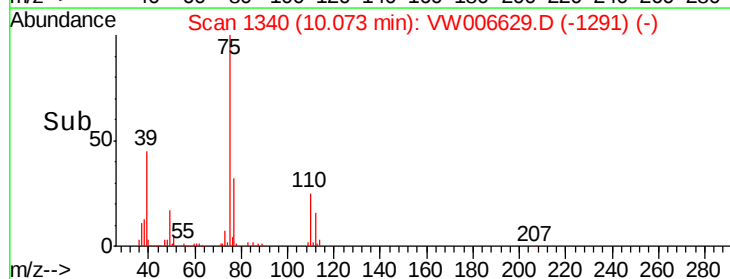
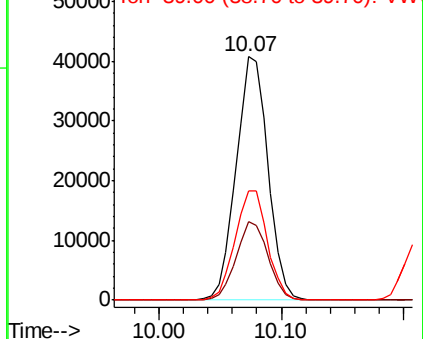
39 44.9 37.3 55.9

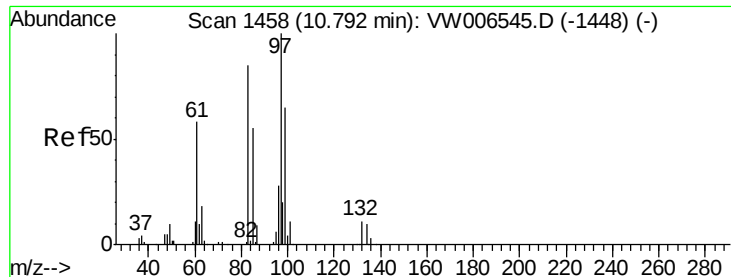


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

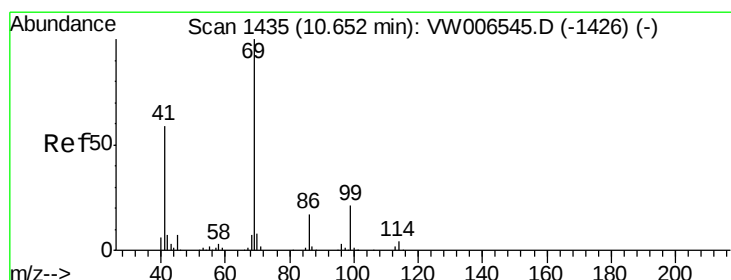
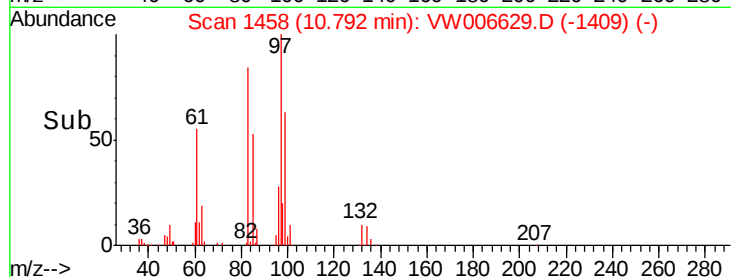
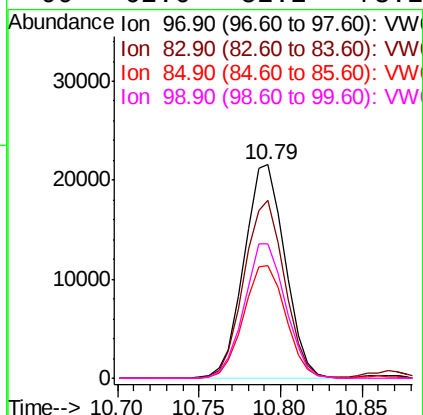
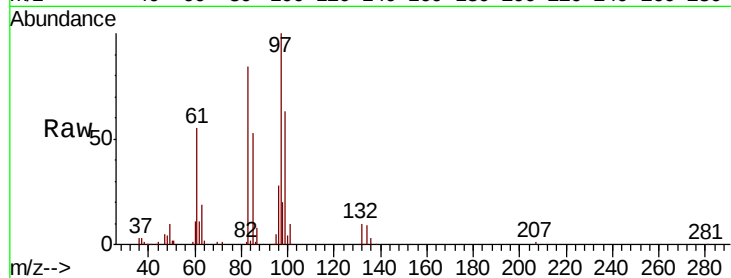




#55
 1,1,2-Trichloroethane
 Concen: 20.587 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

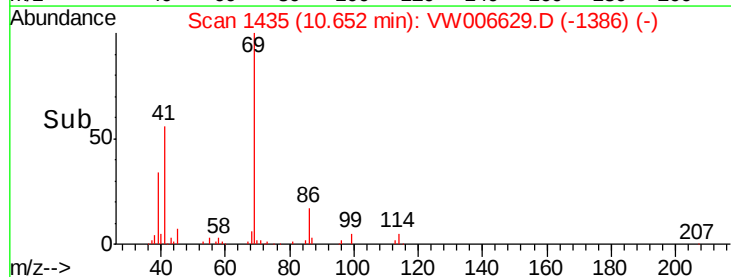
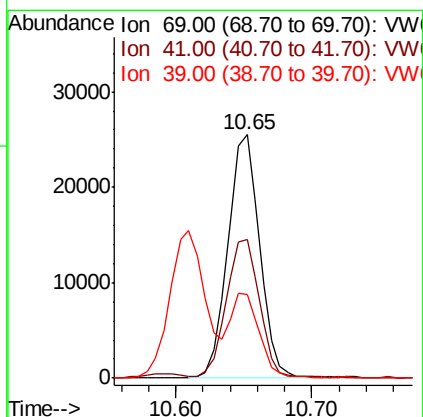
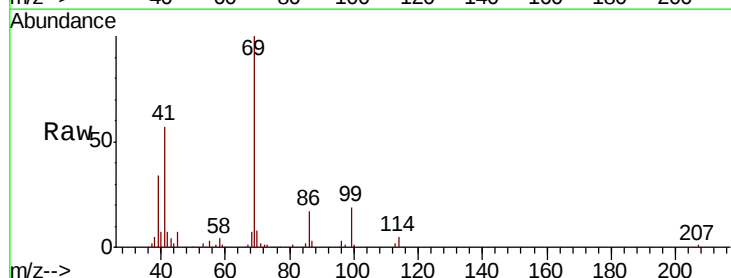
Instrument :
 MSVOA_W
 ClientSampleId :

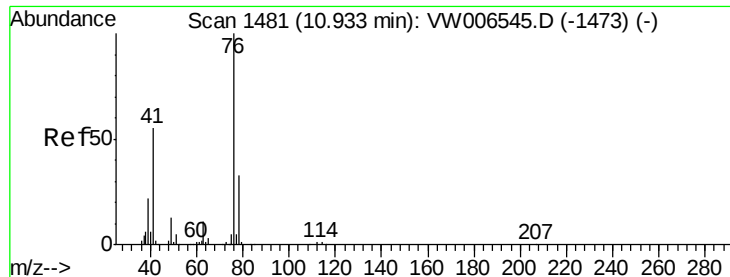
Tot Ion:	97	Resp:	37895
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.9	101.9
85	52.8	44.0	66.0
99	62.6	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 19.816 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion:	69	Resp:	41458
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.4	71.2
39	31.0	25.3	37.9





#57

1,3-Dichloropropane

Concen: 20.630 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

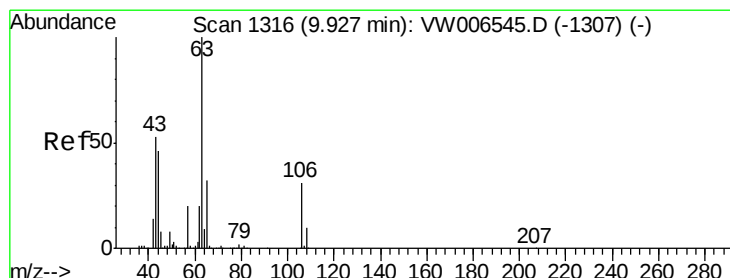
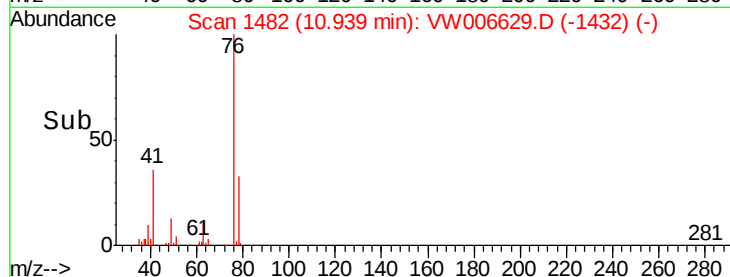
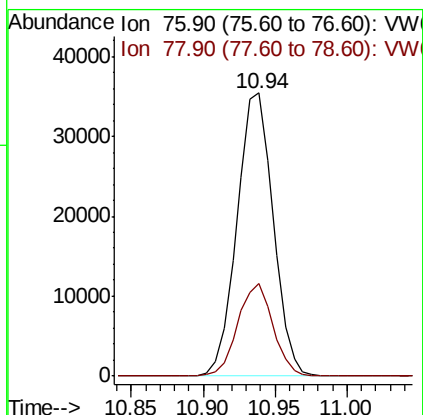
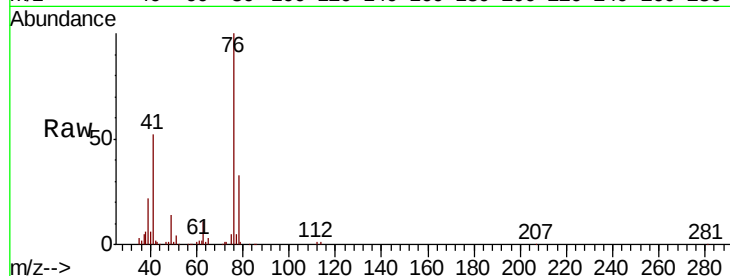
ClientSampled :

Tot Ion: 76 Resp: 61664

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.173 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006629.D

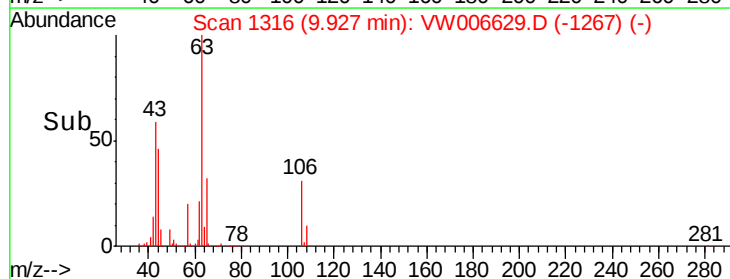
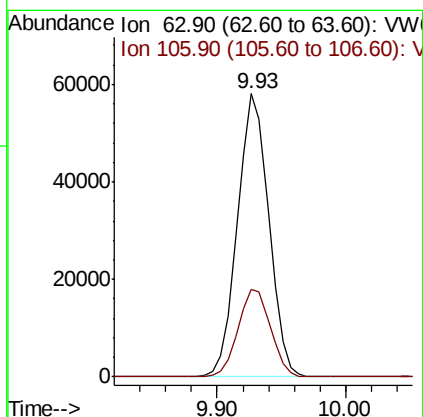
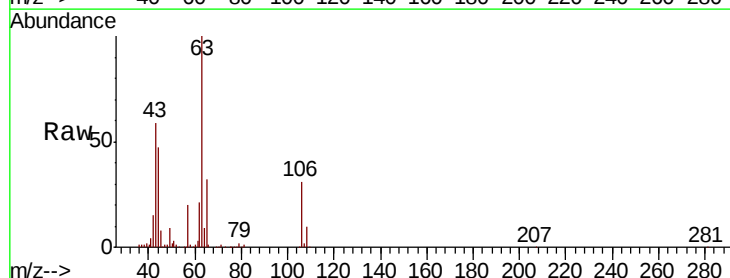
Acq: 05 Nov 2018 12:14

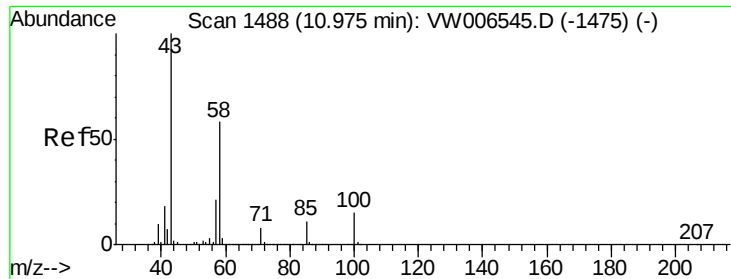
Tgt Ion: 63 Resp: 97808

Ion Ratio Lower Upper

63 100

106 32.1 25.4 38.2

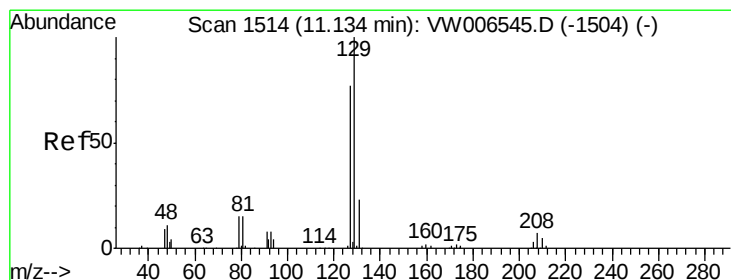
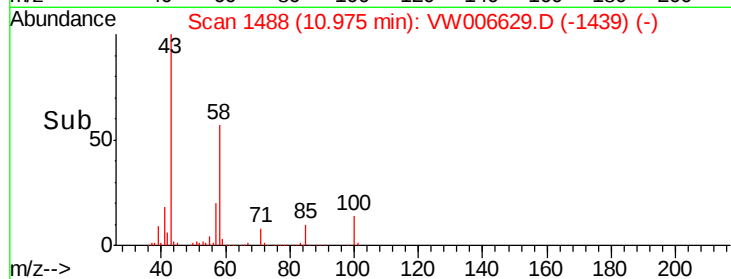
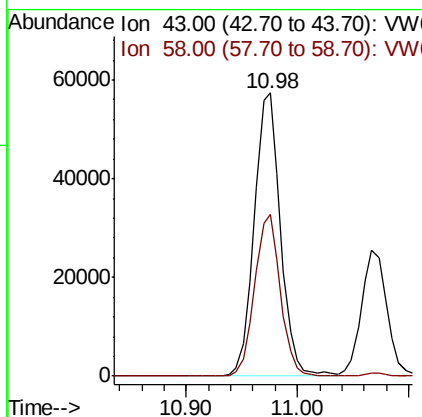
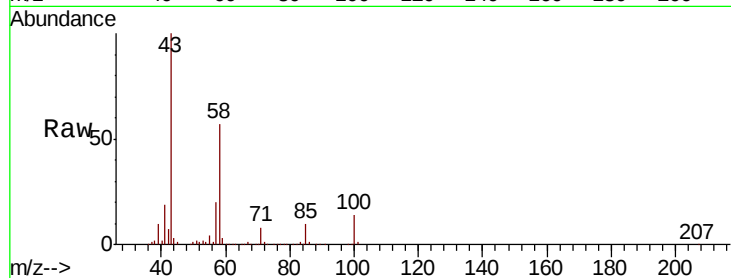




#59
2-Hexanone
Concen: 117.373 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

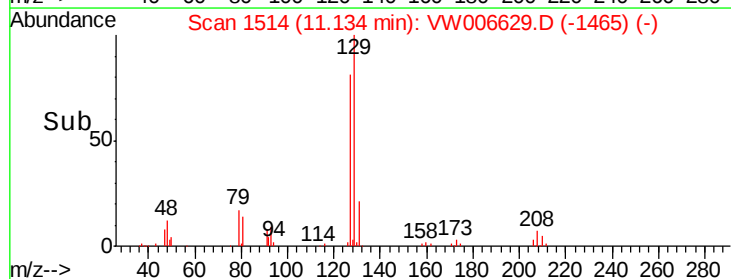
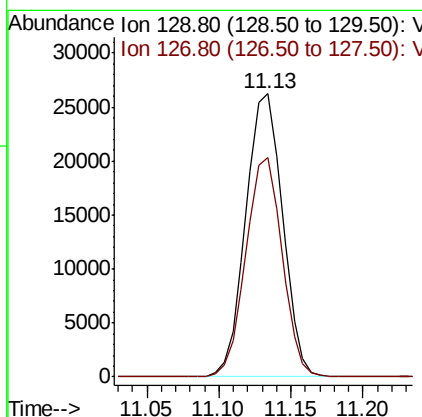
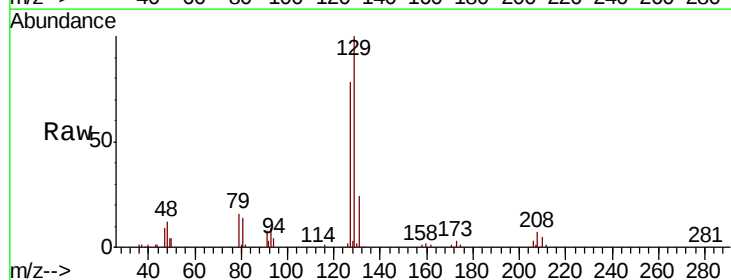
Instrument :
MSVOA_W
ClientSampleId :

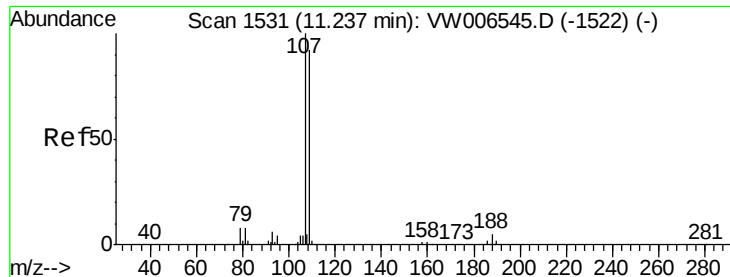
Tot Ion: 43 Resp: 94527
Ion Ratio Lower Upper
43 100
58 56.0 28.8 86.4



#60
Dibromochloromethane
Concen: 21.351 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 129 Resp: 46565
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3

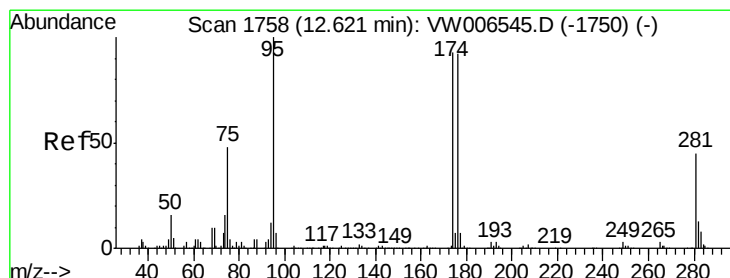
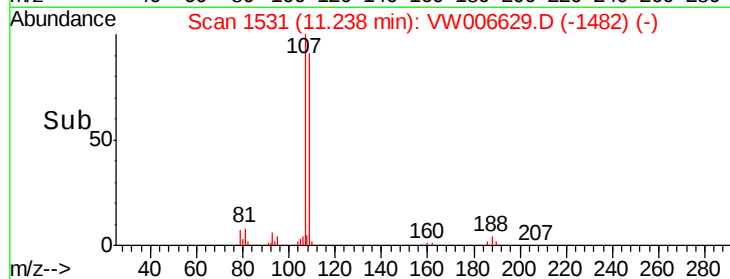
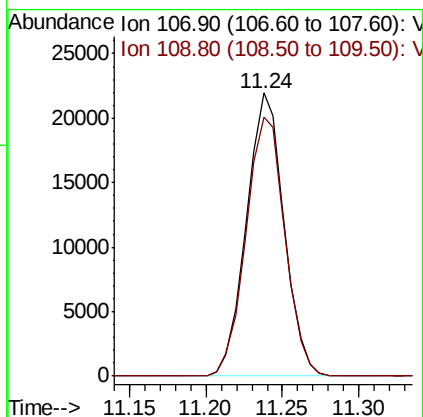
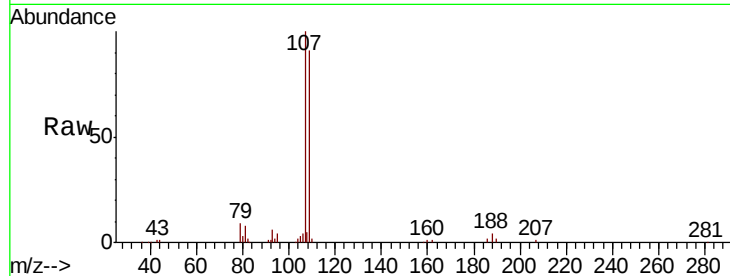




#61
 1,2-Dibromoethane
 Concen: 20.495 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

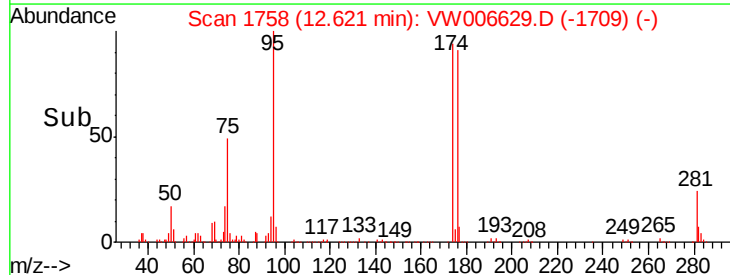
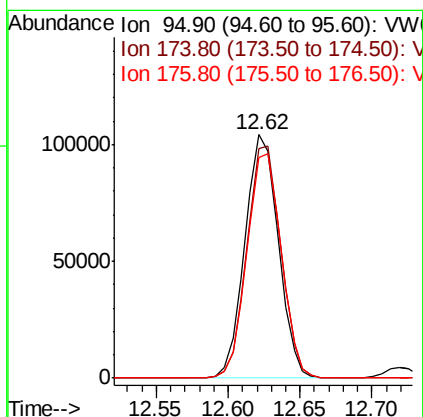
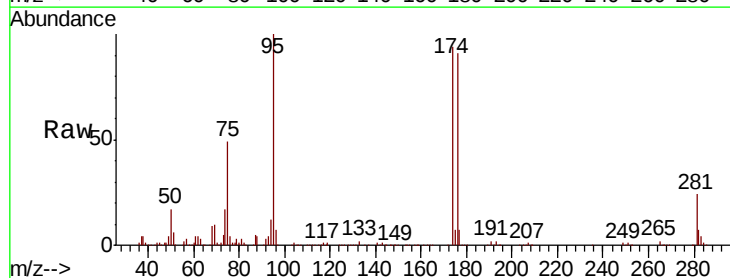
Instrument :
 MSVOA_W
 ClientSampleId :

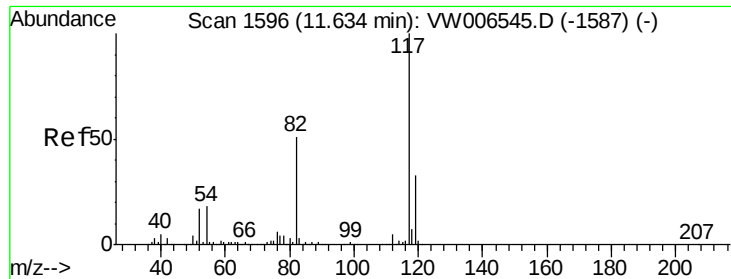
Tot Ion: 107 Resp: 37464
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.924 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 95 Resp: 167456
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 192.4
 176 94.6 0.0 187.4

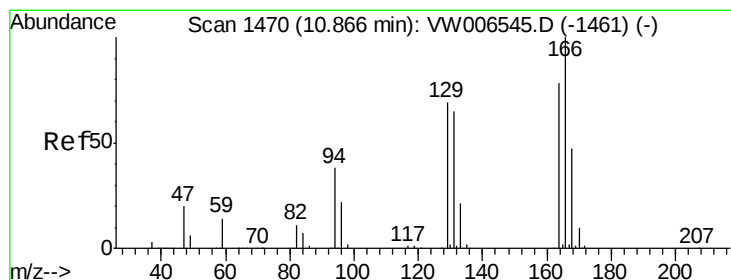
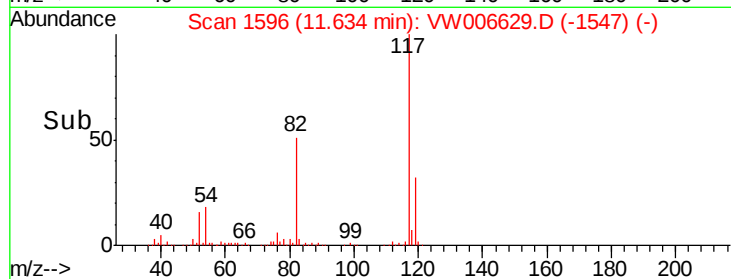
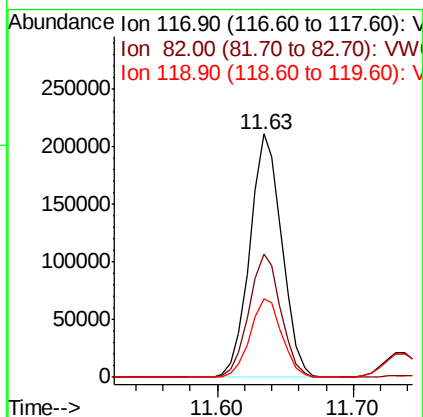
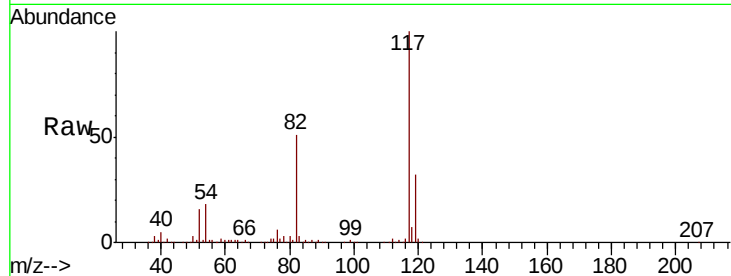




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

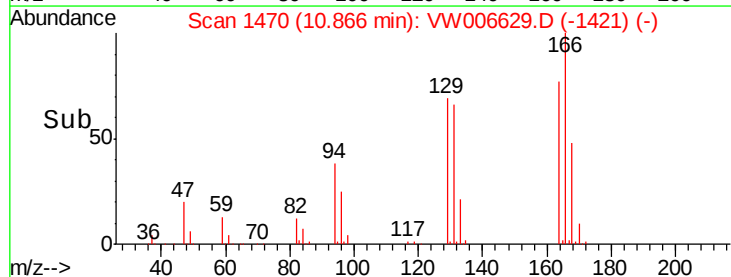
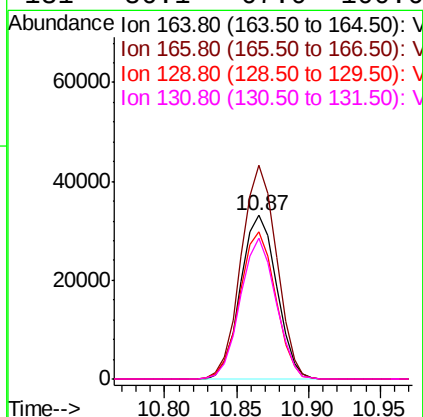
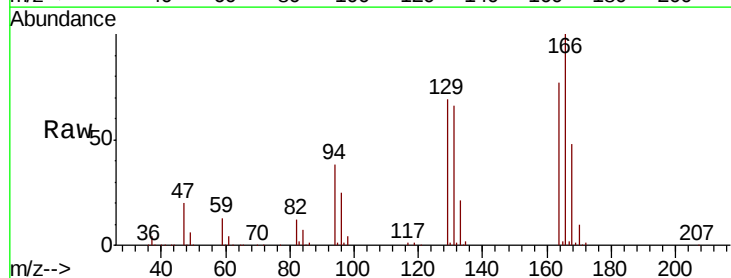
Instrument :
MSVOA_W
ClientSampleId :

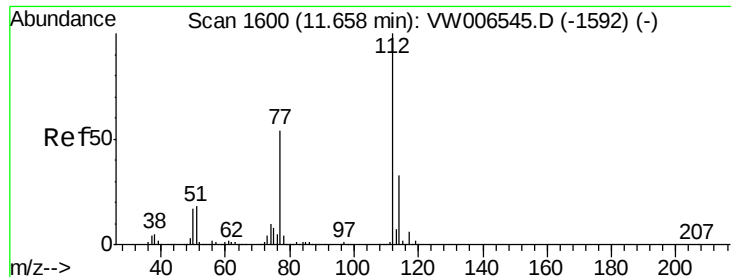
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.3	26.1	39.1



#64
Tetrachloroethene
Concen: 20.756 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	102.8	154.2
129	89.9	70.9	106.3
131	86.1	67.0	100.6





#65

Chlorobenzene

Concen: 21.394 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

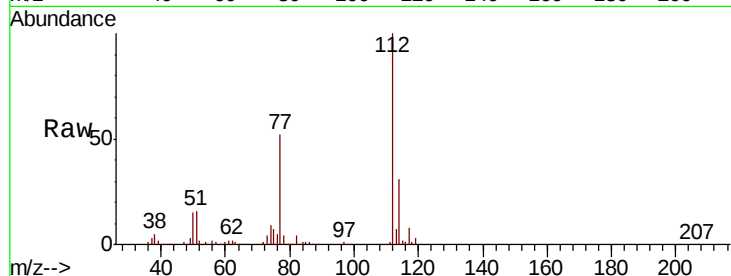
ClientSampleId :

Tot Ion:112 Resp: 156493

Ion Ratio Lower Upper

112 100

114 31.2 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

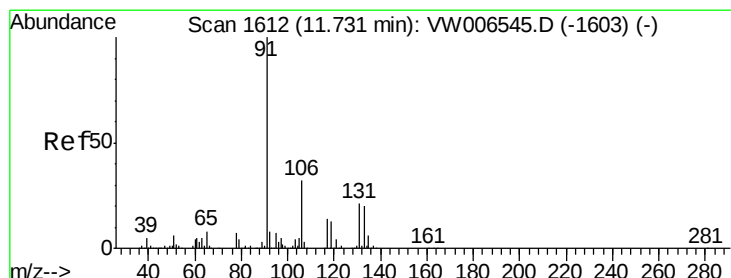
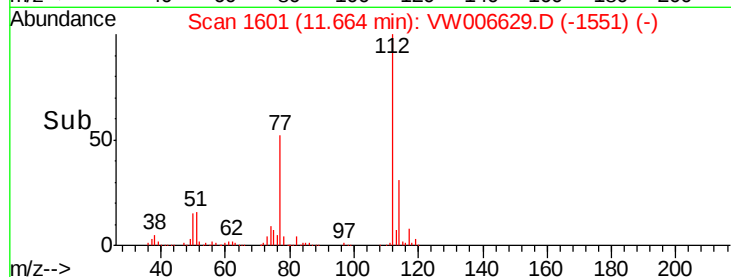
60000

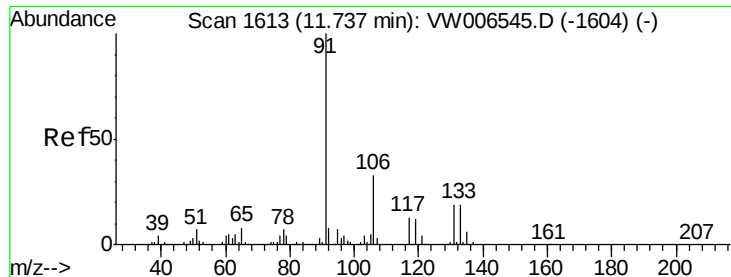
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 21.611 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

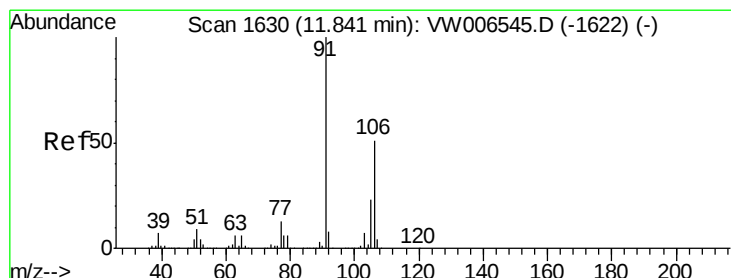
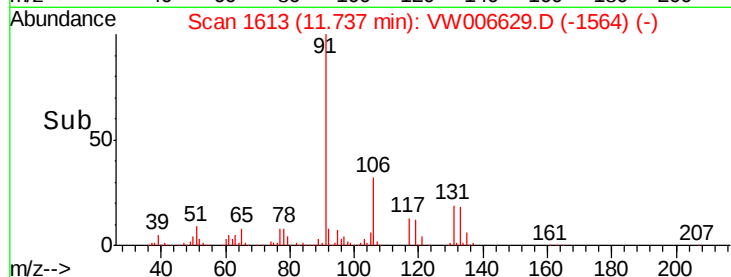
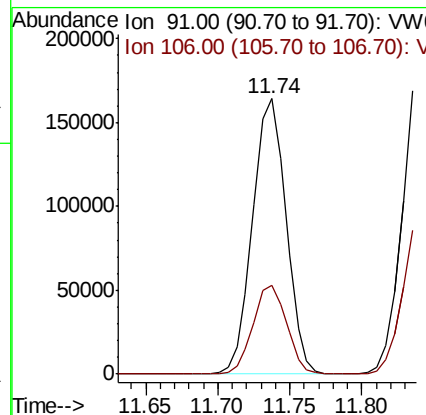
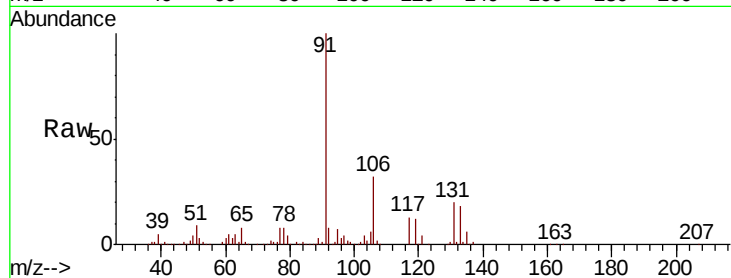
ClientSampled :

Tot Ion: 91 Resp: 264228

Ion Ratio Lower Upper

91 100

106 32.5 26.3 39.5



#68

m/p-Xylenes

Concen: 43.750 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006629.D

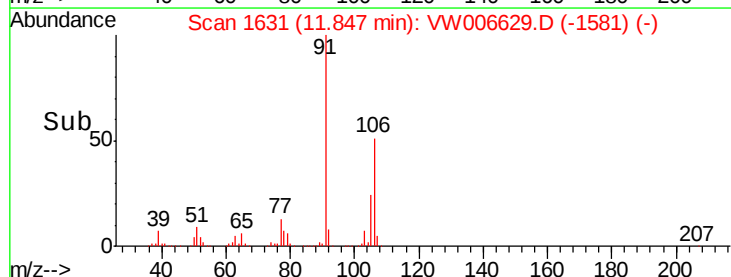
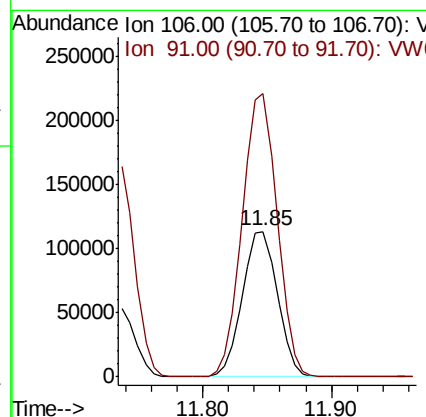
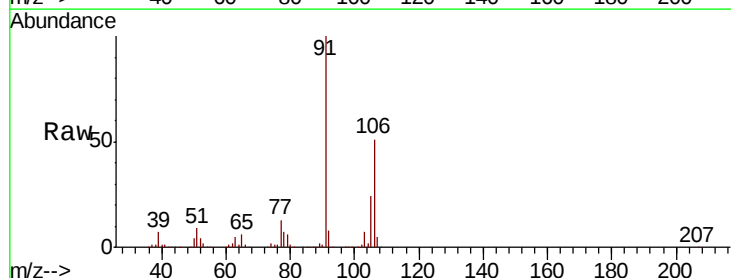
Acq: 05 Nov 2018 12:14

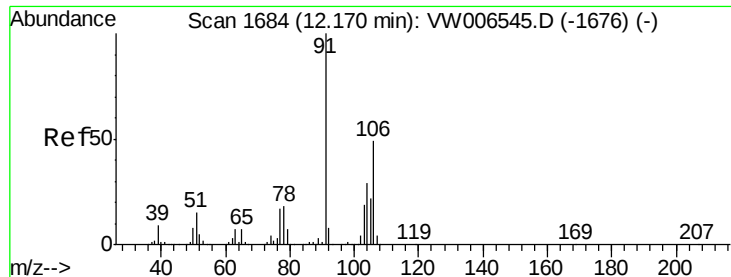
Tgt Ion: 106 Resp: 213711

Ion Ratio Lower Upper

106 100

91 193.9 156.7 235.1

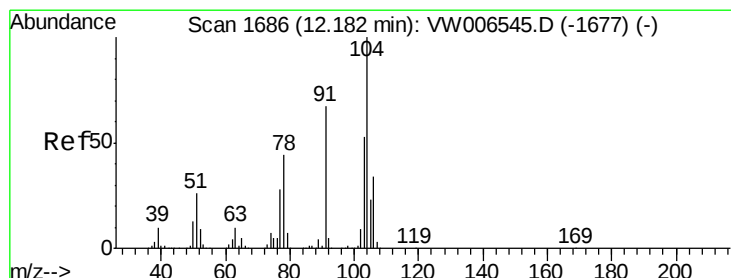
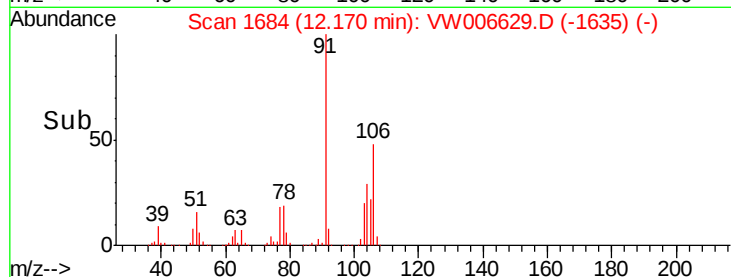
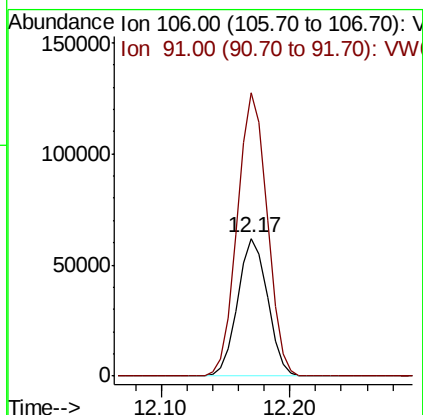
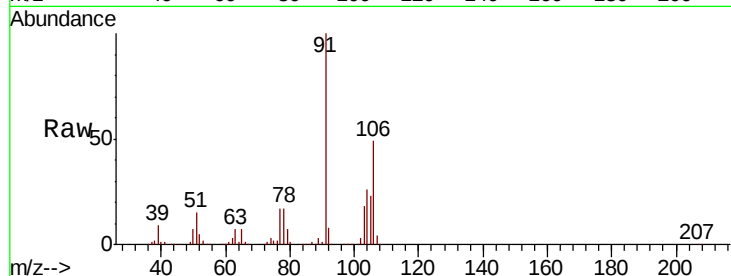




#69
o-Xylene
Concen: 21.369 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

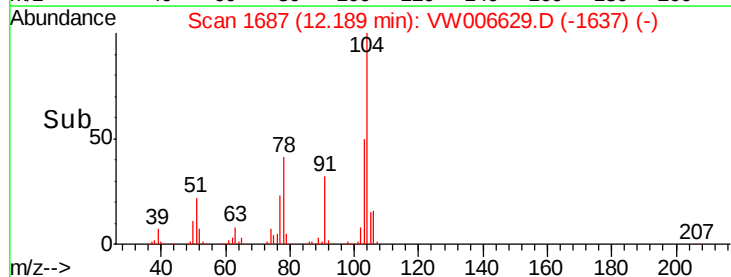
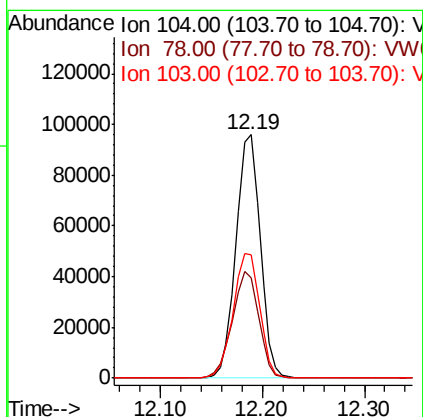
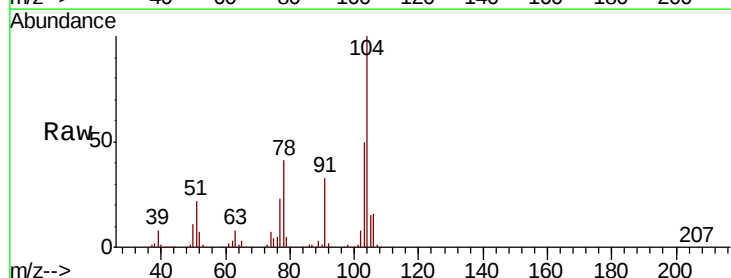
Instrument :
MSVOA_W
ClientSampled :

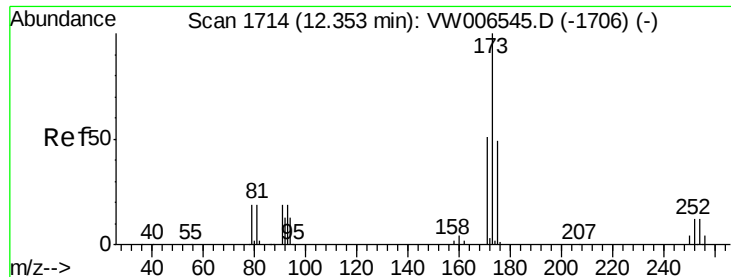
Tot Ion:106 Resp: 99376
Ion Ratio Lower Upper
106 100
91 206.7 102.8 308.4



#70
Styrene
Concen: 20.842 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion:104 Resp: 158020
Ion Ratio Lower Upper
104 100
78 47.6 37.2 55.8
103 55.8 44.2 66.2





#71

Bromoform

Concen: 21.252 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

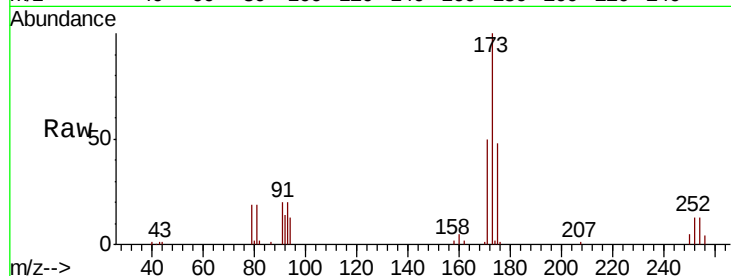
Tot Ion:173 Resp: 28964

Ion Ratio Lower Upper

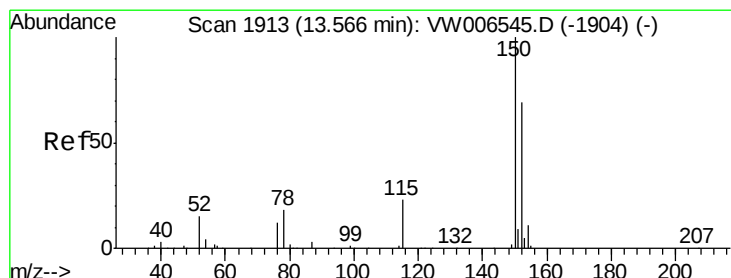
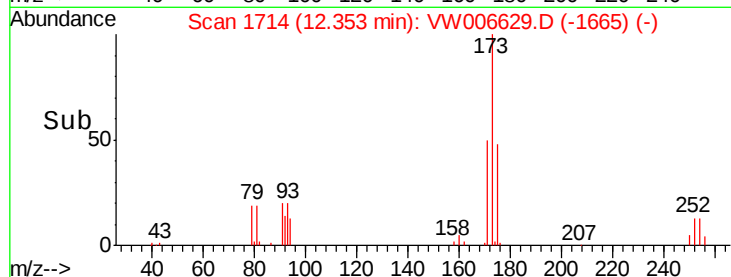
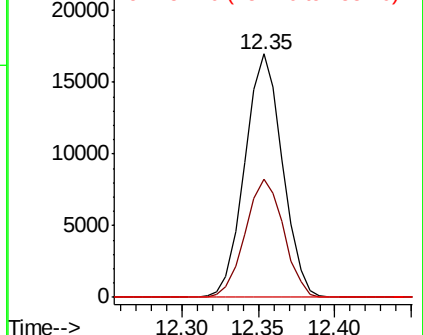
173 100

175 49.3 24.1 72.4

254 0.0 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: VW006629.D

Acq: 05 Nov 2018 12:14

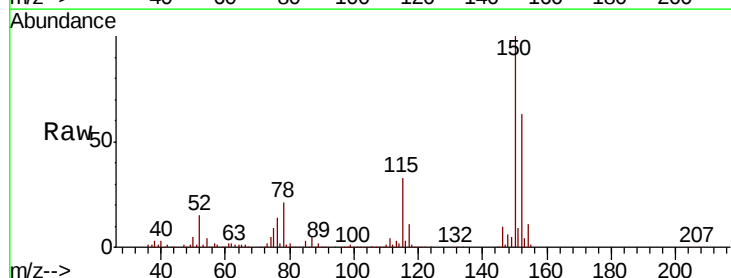
Tgt Ion:152 Resp: 199928

Ion Ratio Lower Upper

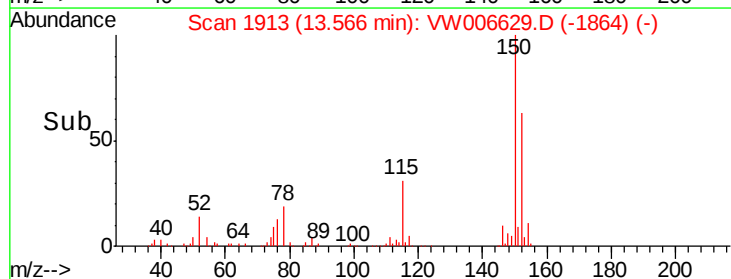
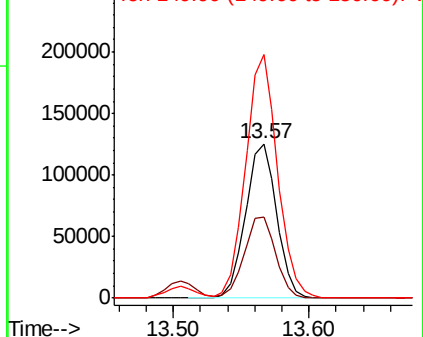
152 100

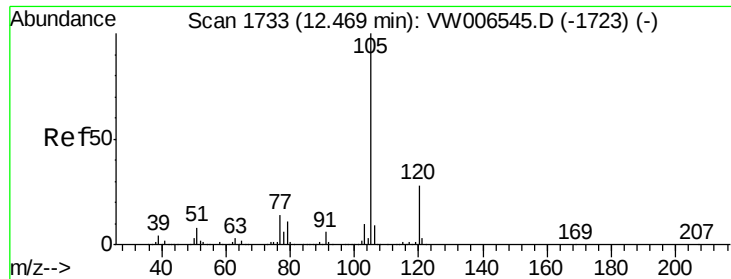
115 53.4 26.6 79.8

150 162.1 0.0 344.6



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

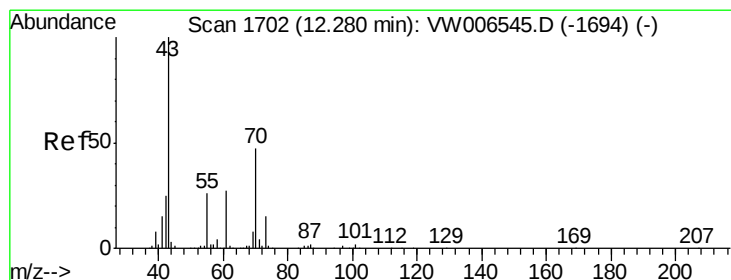
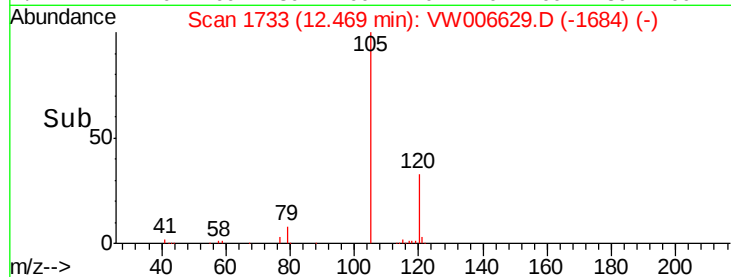
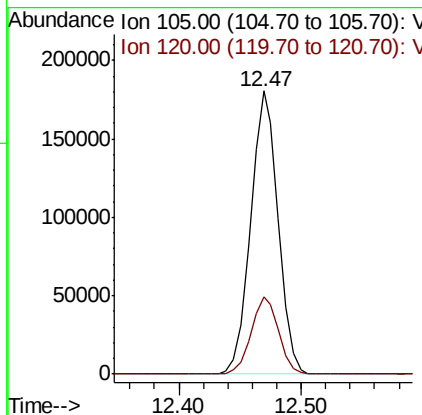
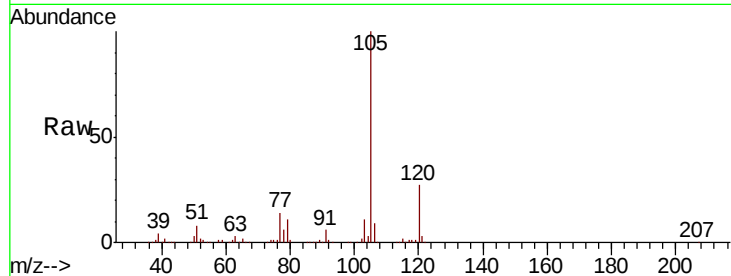




#73
Isopropylbenzene
Concen: 21.293 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

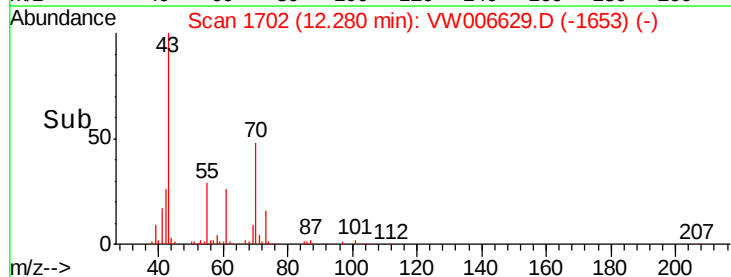
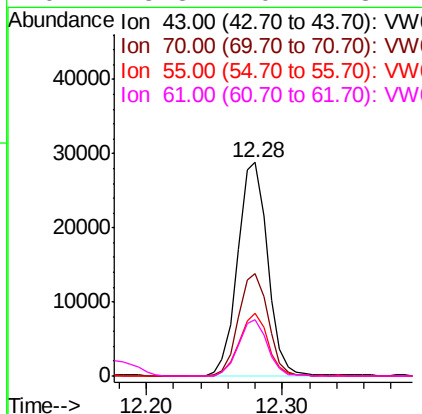
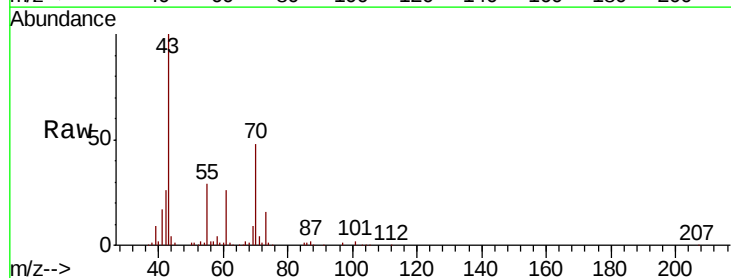
Instrument :
MSVOA_W
ClientSampleId :

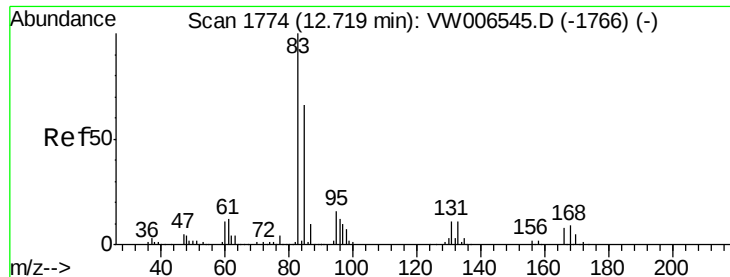
Tot Ion: 105 Resp: 280437
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 19.559 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 43 Resp: 44514
Ion Ratio Lower Upper
43 100
70 47.7 36.9 55.3
55 28.0 20.7 31.1
61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.694 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

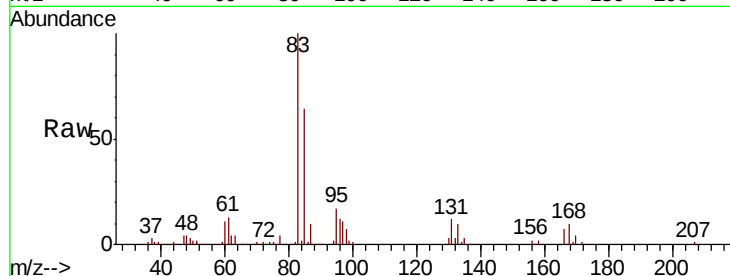
Tot Ion: 83 Resp: 43046

Ion Ratio Lower Upper

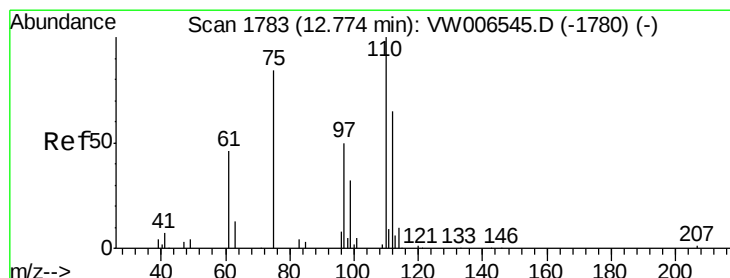
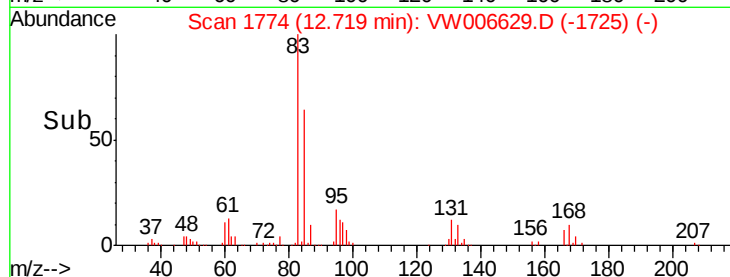
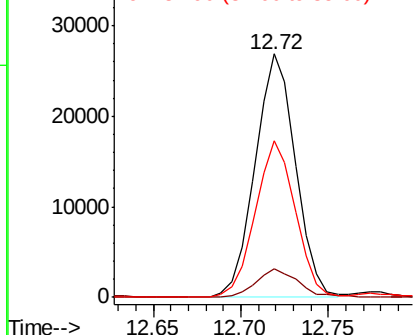
83 100

131 12.3 5.9 17.7

85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.801 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006629.D

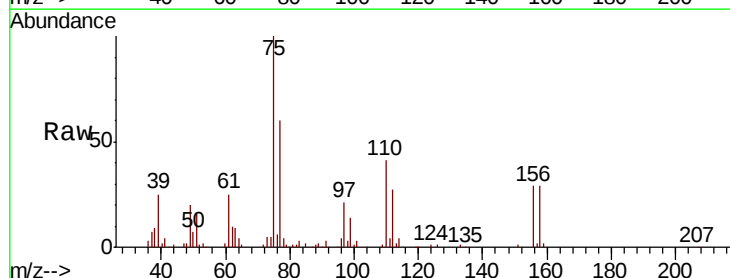
Acq: 05 Nov 2018 12:14

Tgt Ion: 75 Resp: 54286

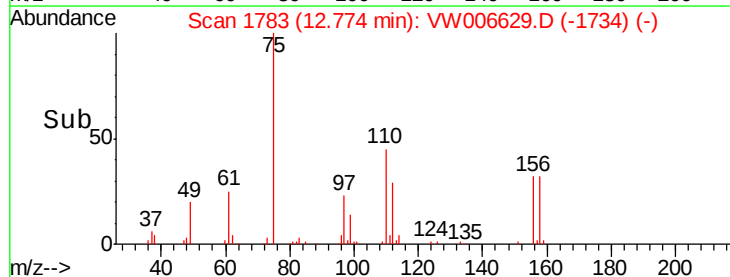
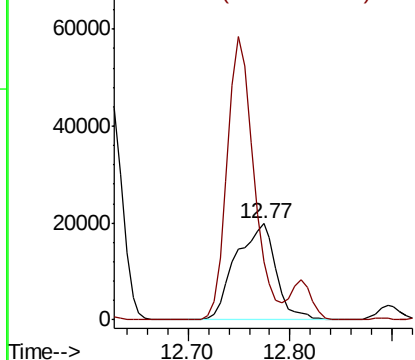
Ion Ratio Lower Upper

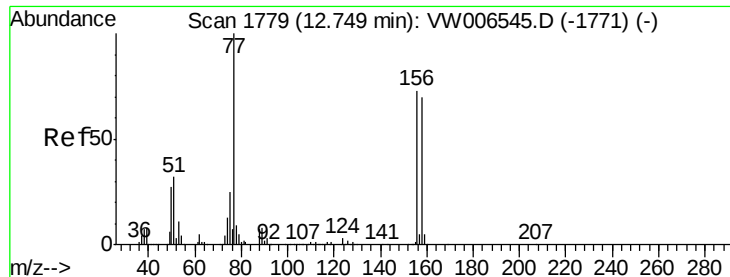
75 100

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: 20.994 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

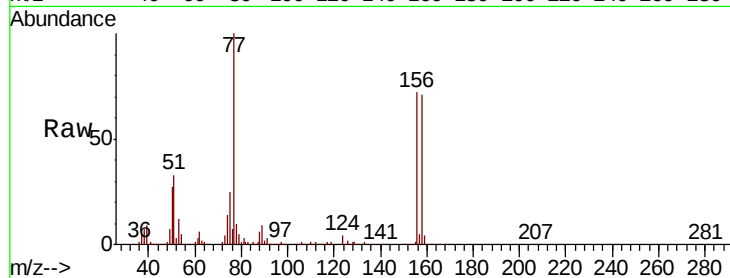
Tot Ion:156 Resp: 71588

Ion Ratio Lower Upper

156 100

77 148.7 75.9 227.8

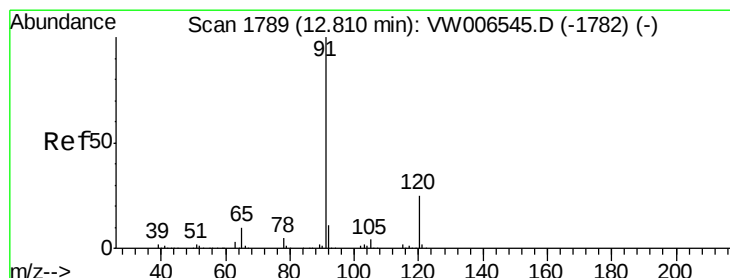
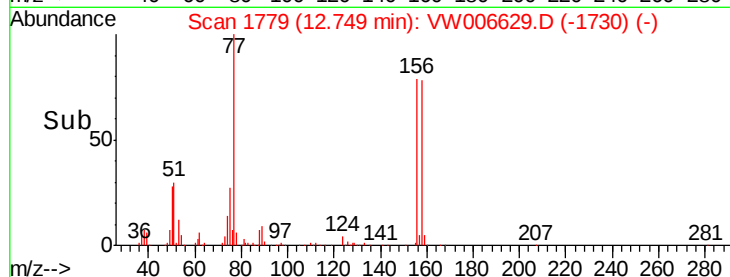
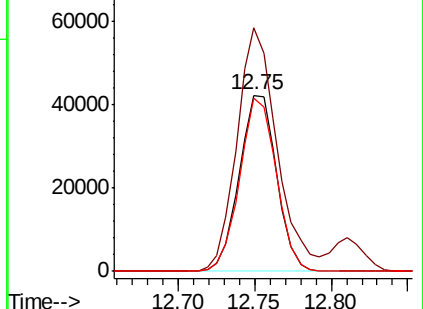
158 96.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.734 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006629.D

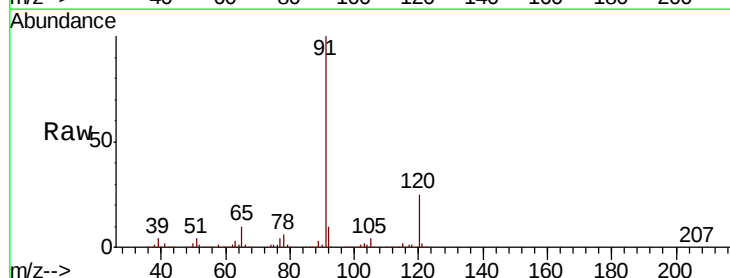
Acq: 05 Nov 2018 12:14

Tgt Ion: 91 Resp: 329249

Ion Ratio Lower Upper

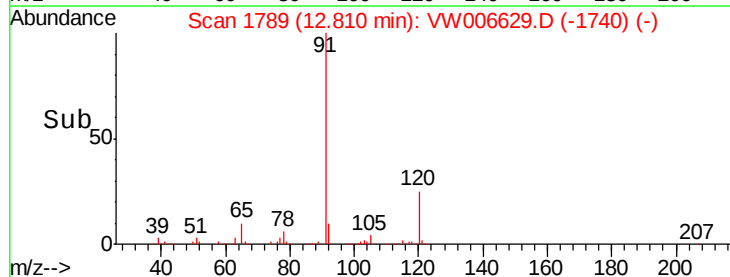
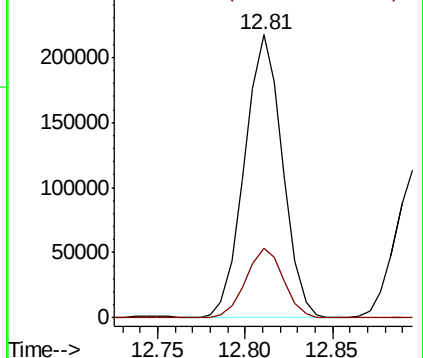
91 100

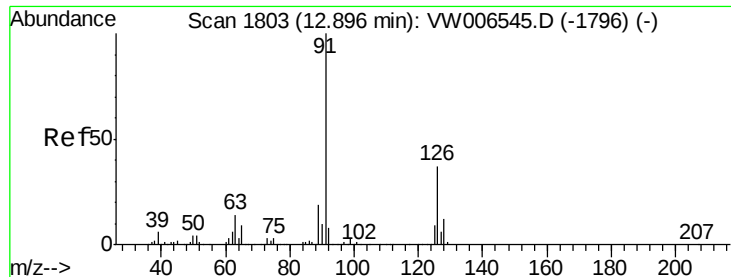
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

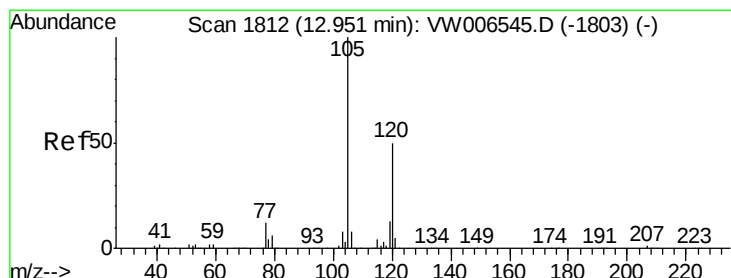
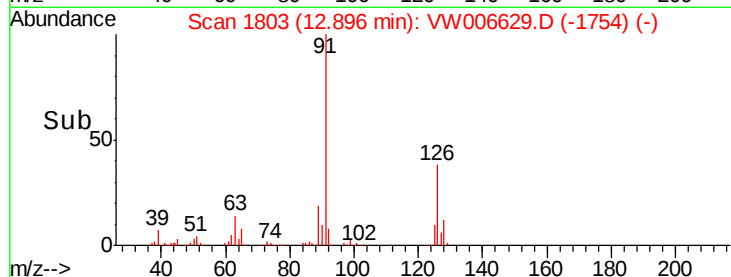
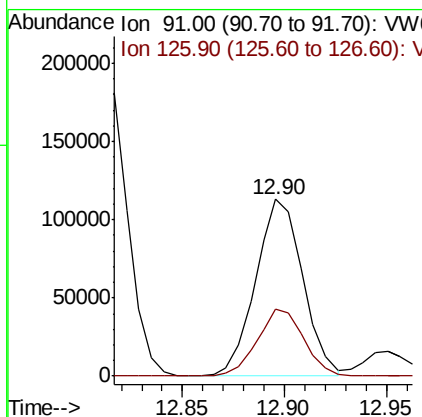
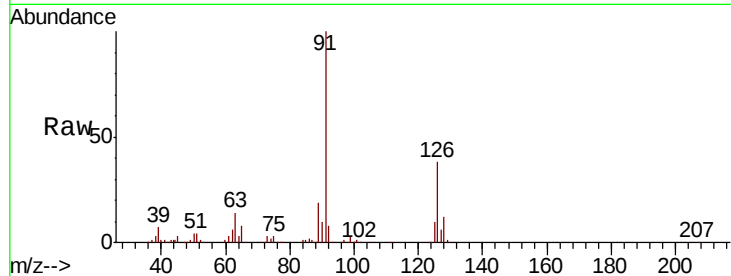




#79
 2-Chlorotoluene
 Concen: 20.913 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

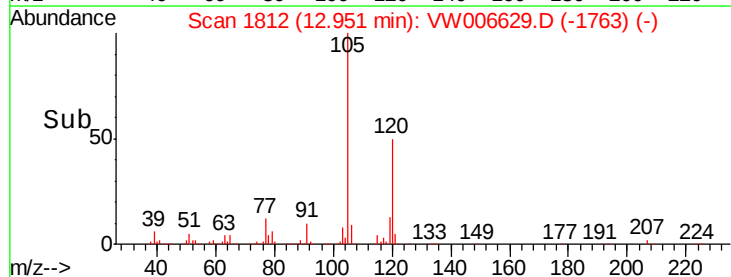
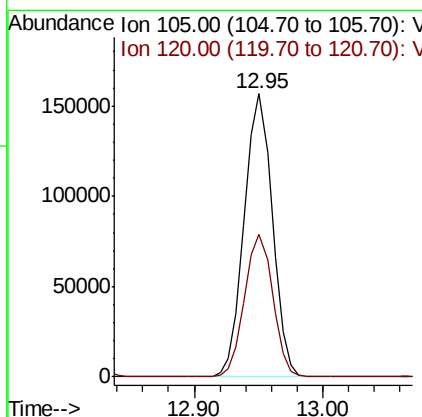
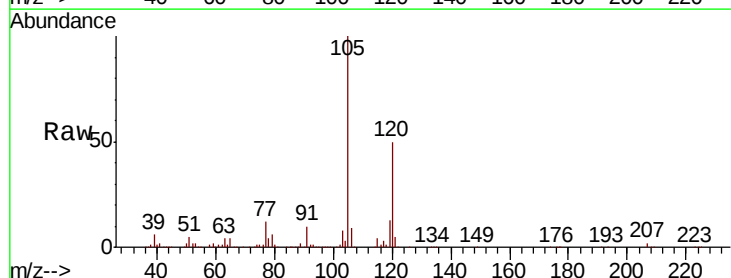
Instrument :
 MSVOA_W
 ClientSampleId :

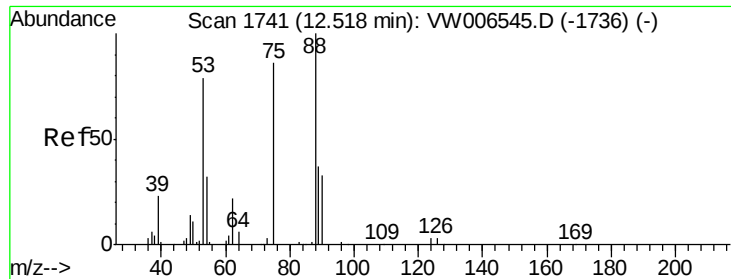
Tot Ion: 91 Resp: 181819
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.411 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 105 Resp: 236905
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3

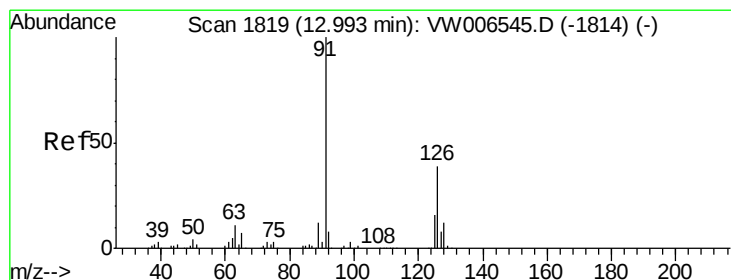
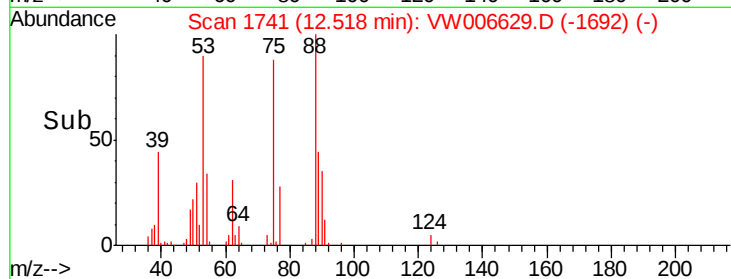
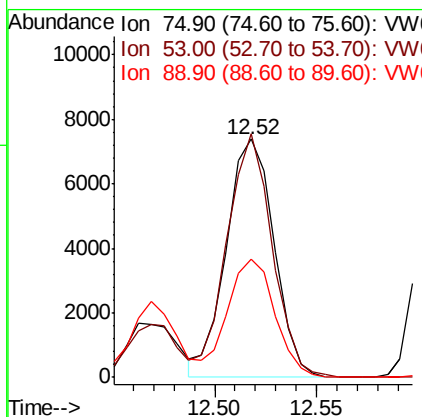
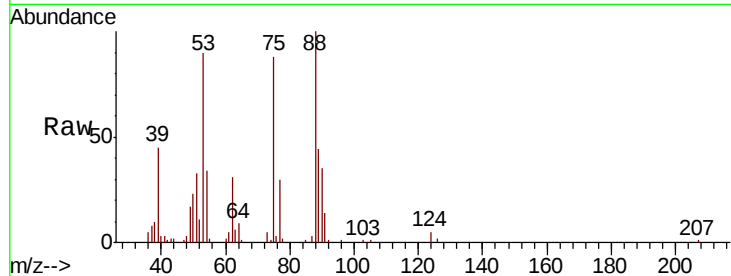




#81
trans-1,4-Dichloro-2-butene
Concen: 21.484 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

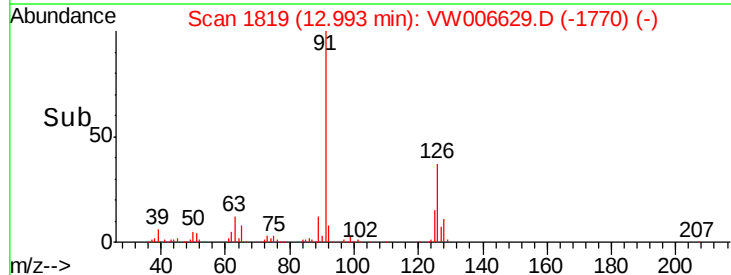
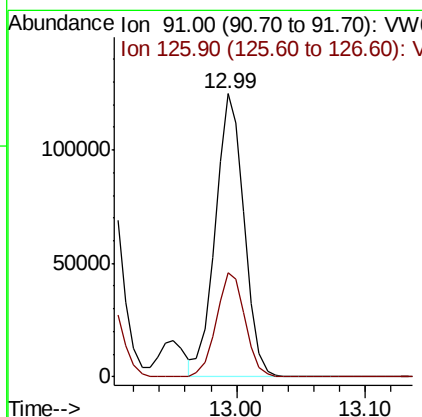
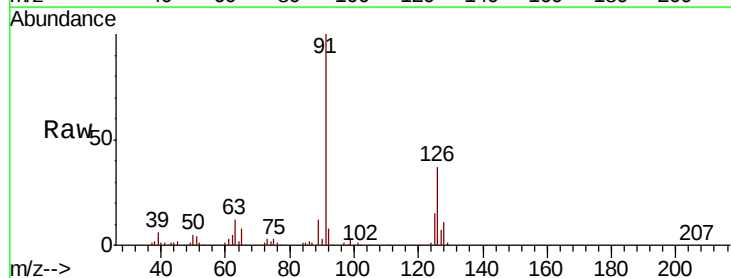
Instrument :
MSVOA_W
ClientSampled :

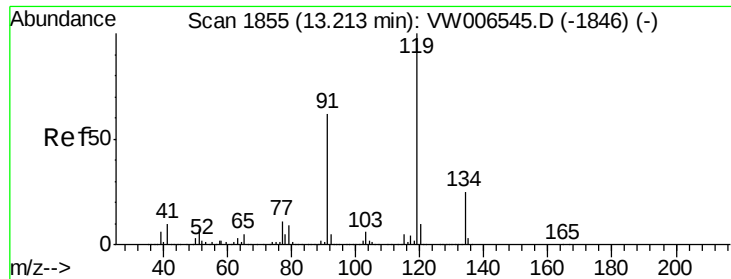
Tot Ion: 75 Resp: 11975
Ion Ratio Lower Upper
75 100
53 97.3 77.2 115.8
89 48.7 38.6 58.0



#82
4-Chlorotoluene
Concen: 21.198 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 91 Resp: 194974
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5

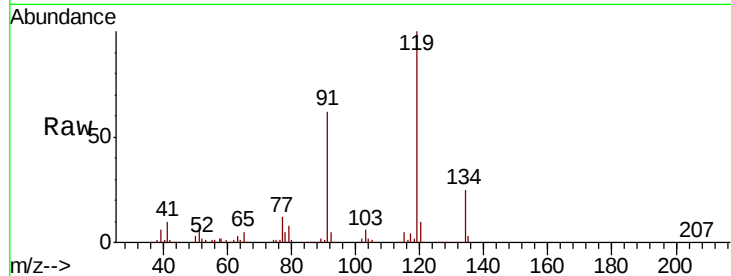




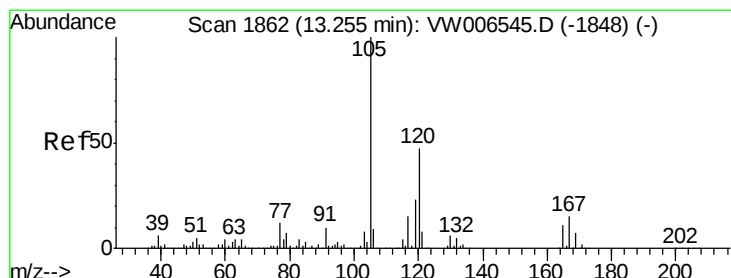
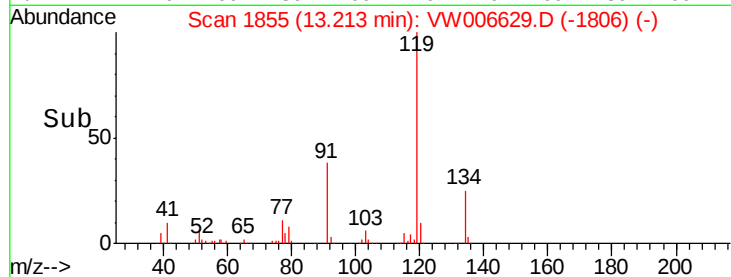
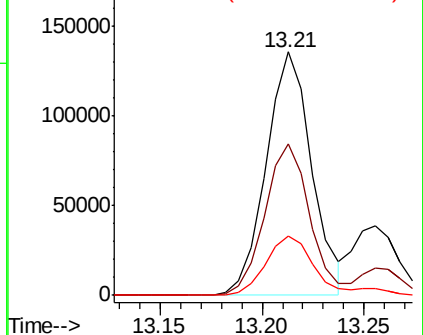
#83
tert-Butylbenzene
Concen: 21.380 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 210957
Ion Ratio Lower Upper
119 100
91 60.8 30.4 91.3
134 27.2 13.5 40.4

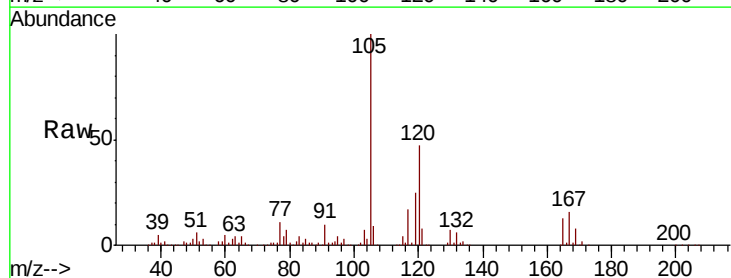


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

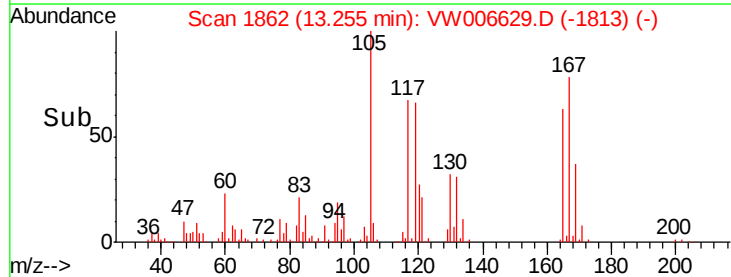
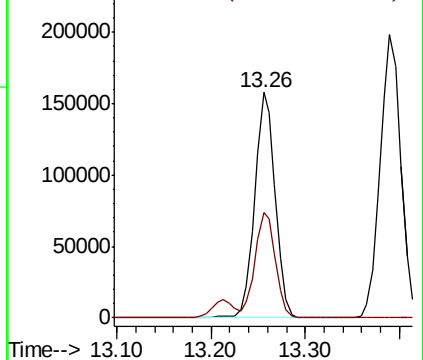


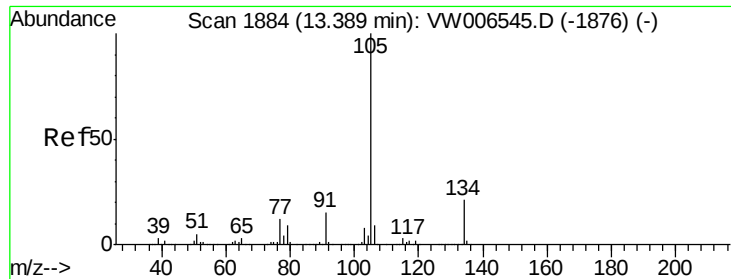
#84
1,2,4-Trimethylbenzene
Concen: 21.323 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion:105 Resp: 241995
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.826 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

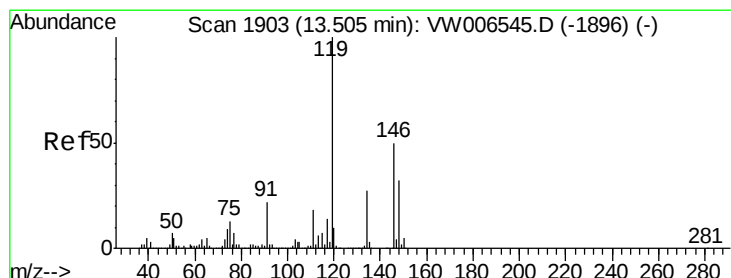
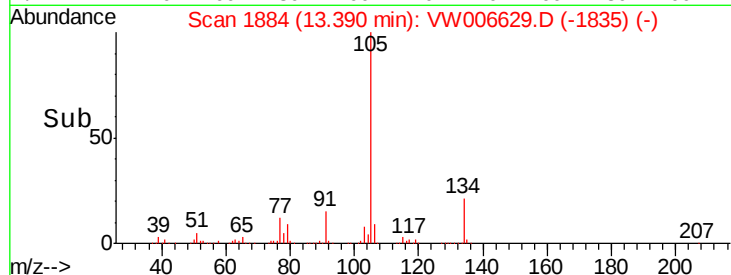
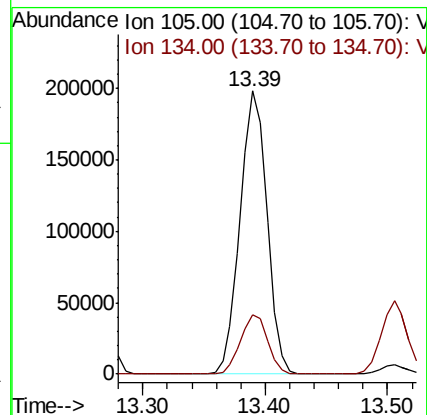
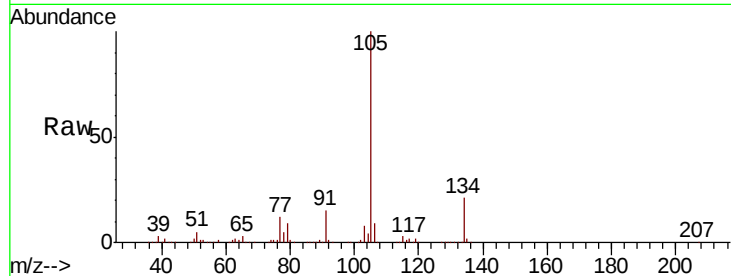
ClientSampled :

Tot Ion:105 Resp: 301629

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.772 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

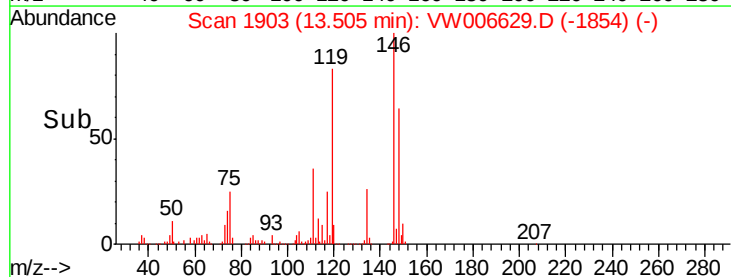
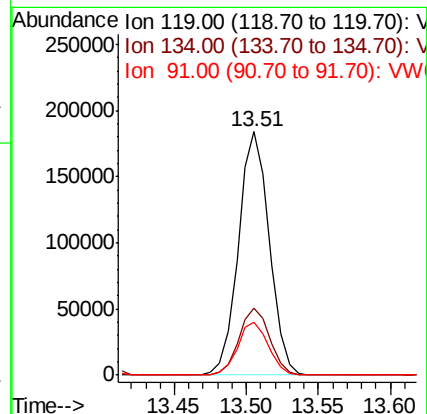
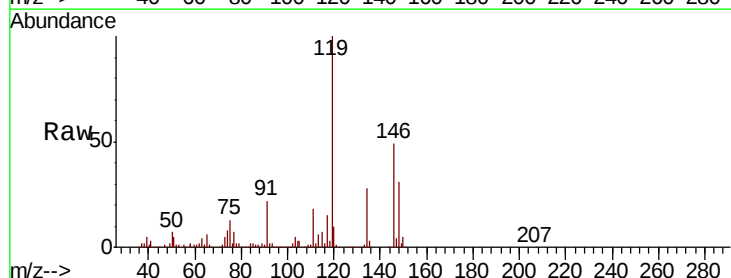
Tgt Ion:119 Resp: 273779

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.8 10.9 32.6

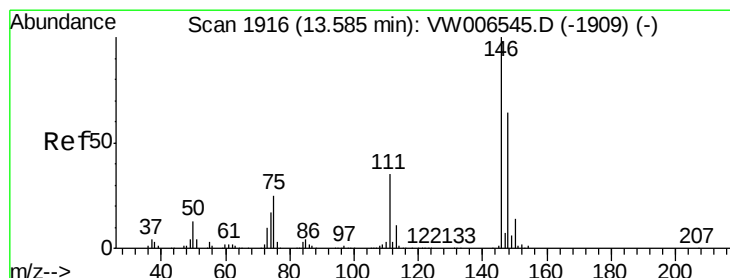
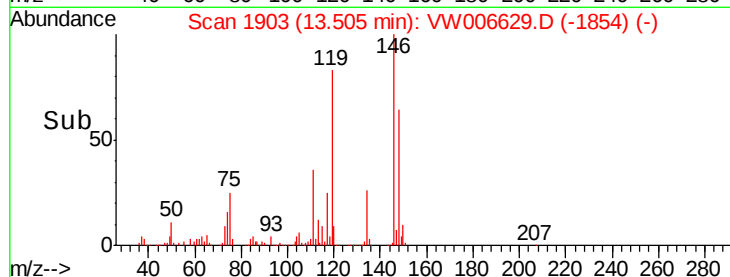
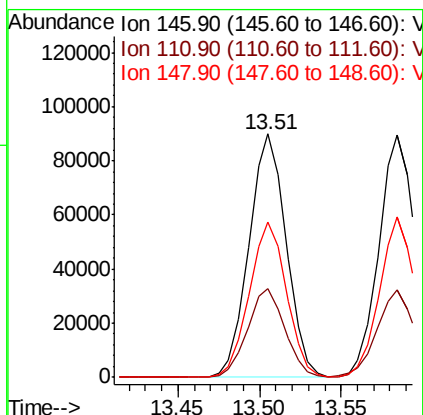
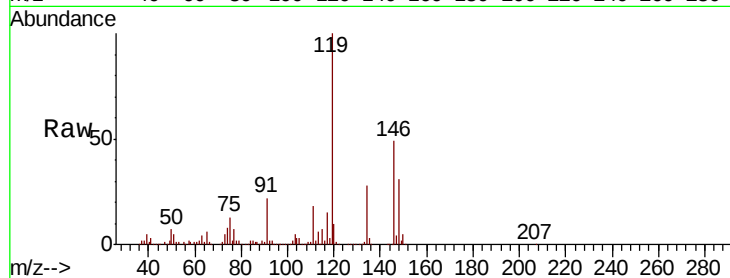




#87
 1,3-Dichlorobenzene
 Concen: 21.285 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

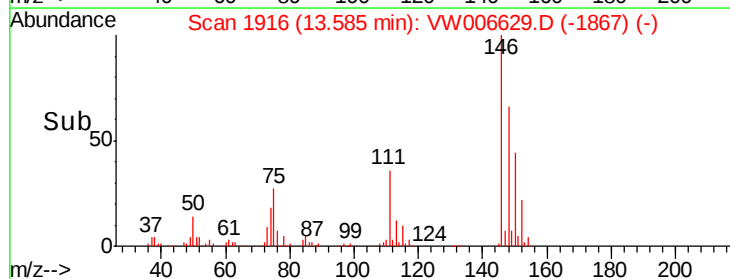
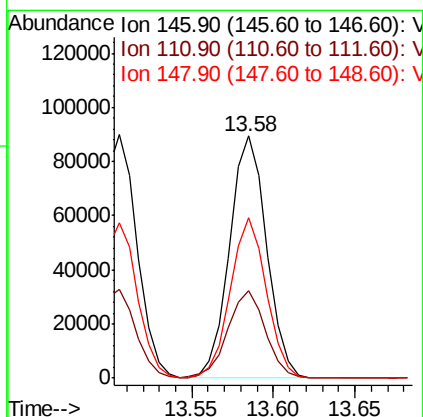
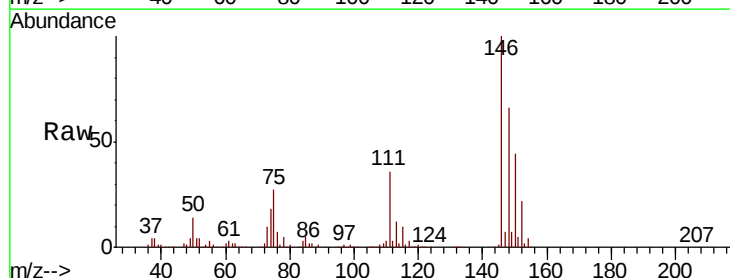
Instrument :
 MSVOA_W
 ClientSampleId :

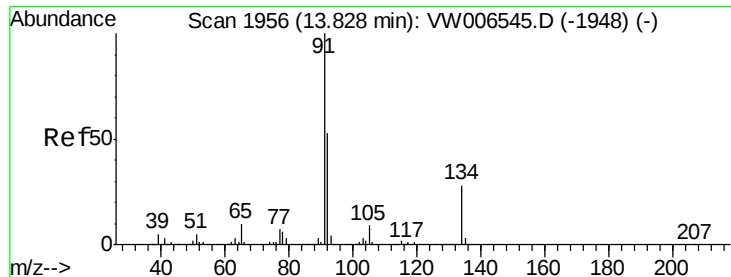
Tot Ion:146 Resp: 142941
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 55.6
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.180 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion:146 Resp: 140986
 Ion Ratio Lower Upper
 146 100
 111 36.8 17.9 53.7
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 22.131 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

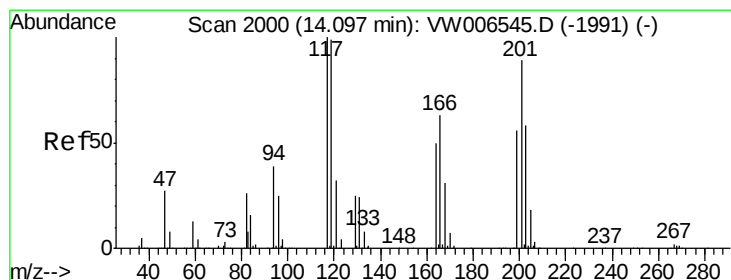
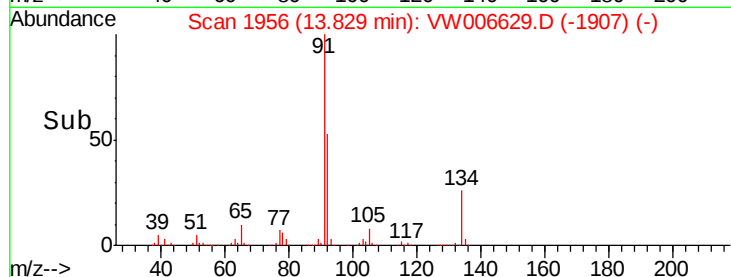
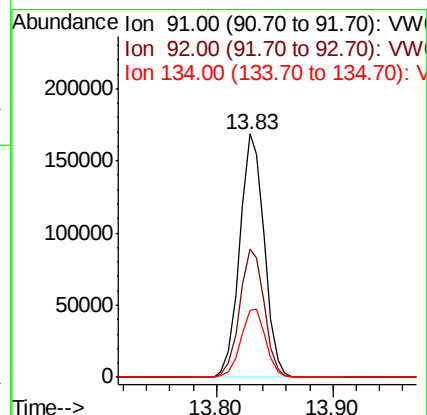
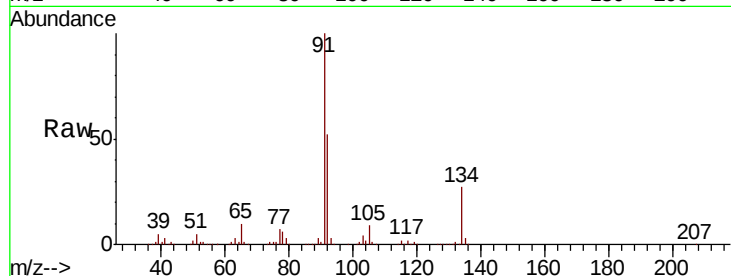
Tot Ion: 91 Resp: 247035

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 28.4 14.3 42.9



#90

Hexachloroethane

Concen: 22.224 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006629.D

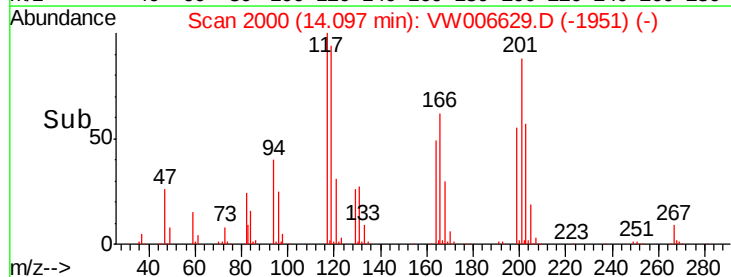
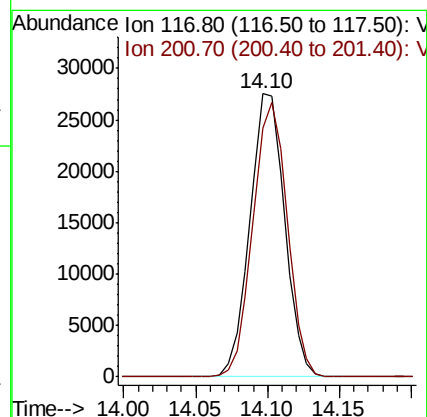
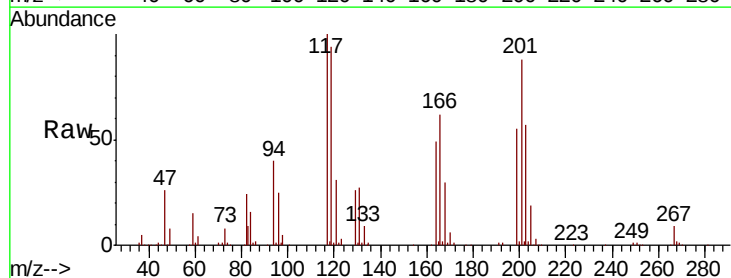
Acq: 05 Nov 2018 12:14

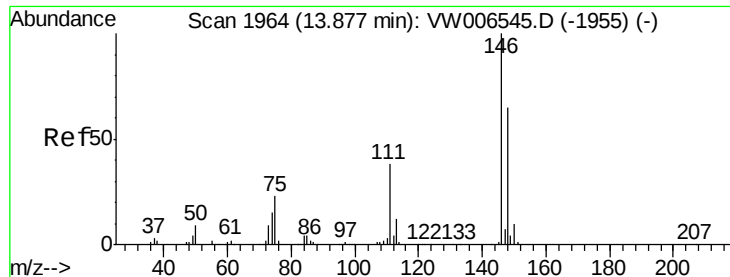
Tgt Ion: 117 Resp: 45931

Ion Ratio Lower Upper

117 100

201 95.9 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 20.724 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

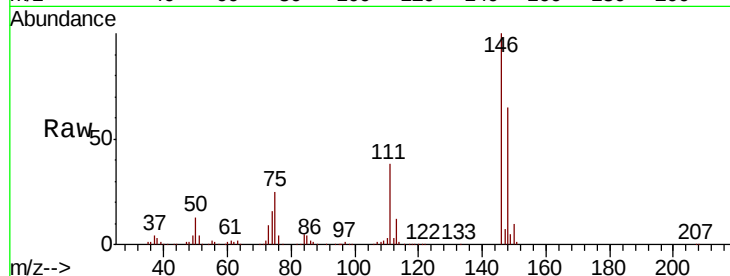
Tot Ion:146 Resp: 125186

Ion Ratio Lower Upper

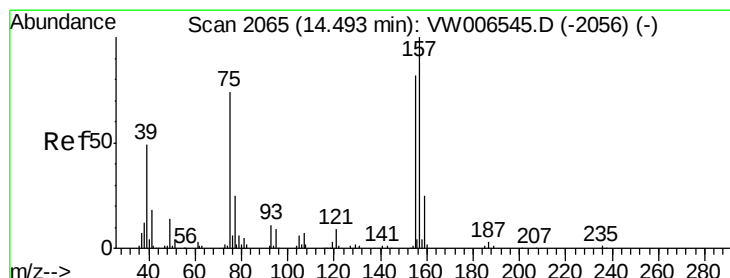
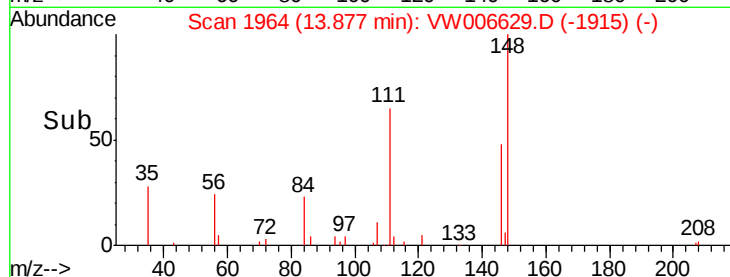
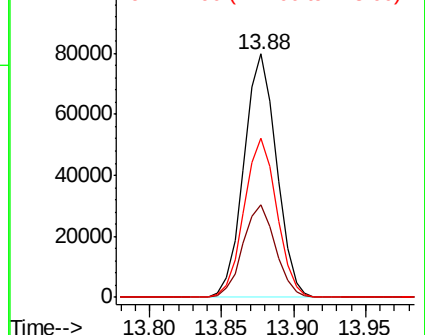
146 100

111 38.0 19.1 57.5

148 65.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.726 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

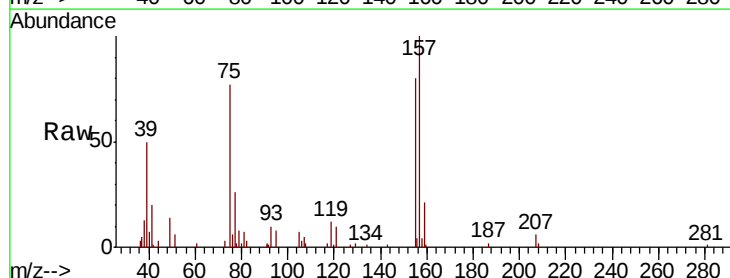
Tgt Ion: 75 Resp: 6658

Ion Ratio Lower Upper

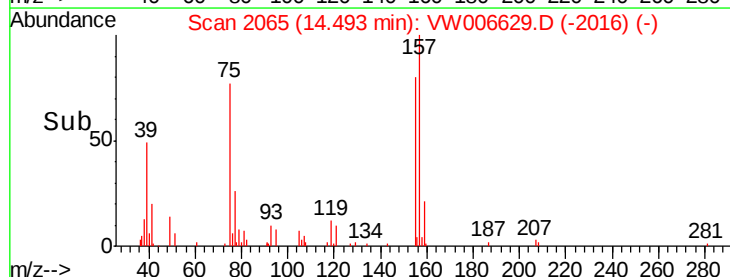
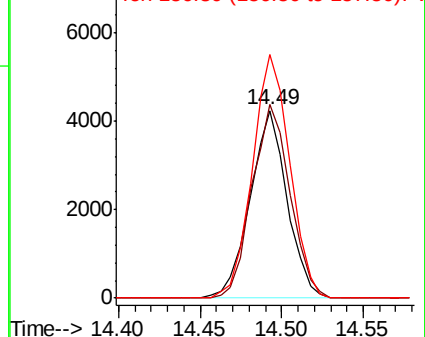
75 100

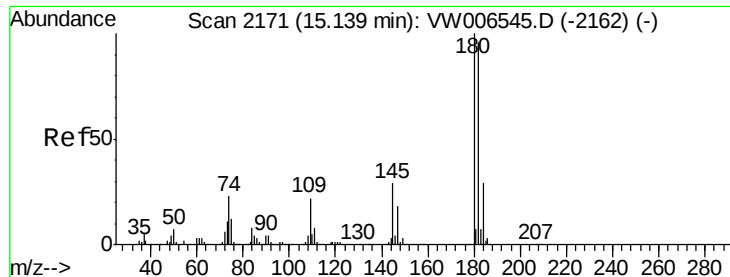
155 105.8 50.6 151.8

157 131.2 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

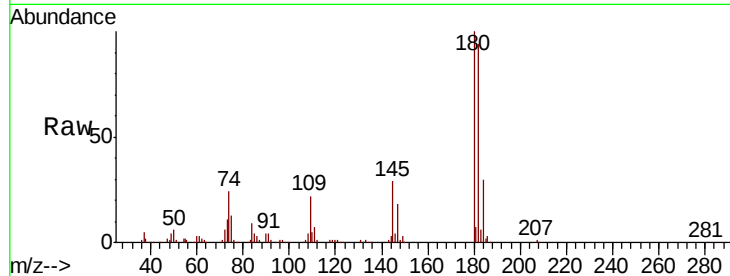




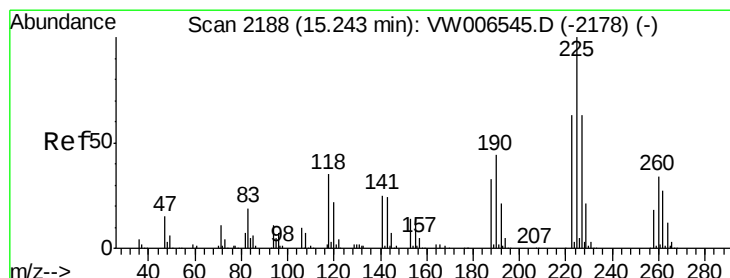
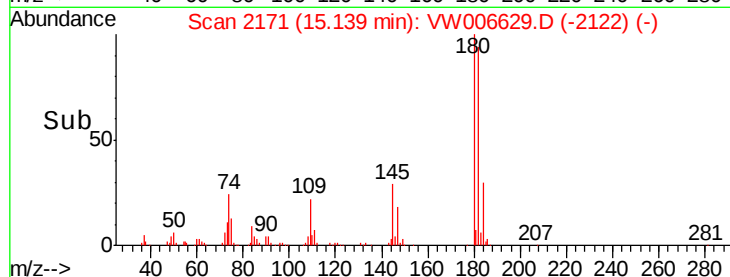
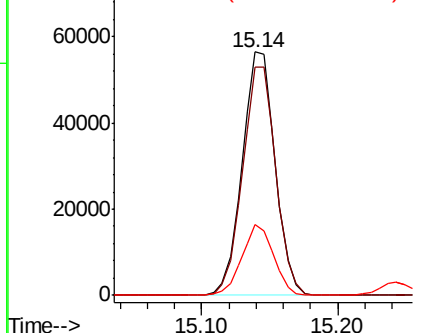
#93
 1,2,4-Trichlorobenzene
 Concen: 21.215 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 95292
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.5 142.6
 145 28.0 14.0 42.0

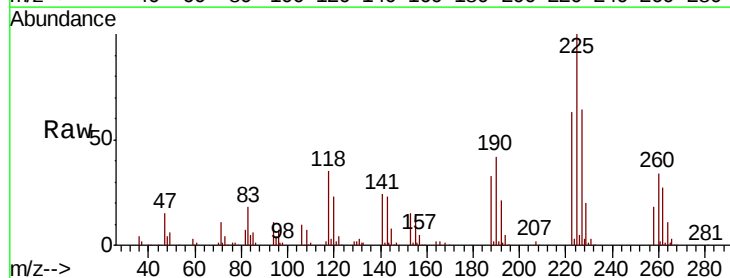


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

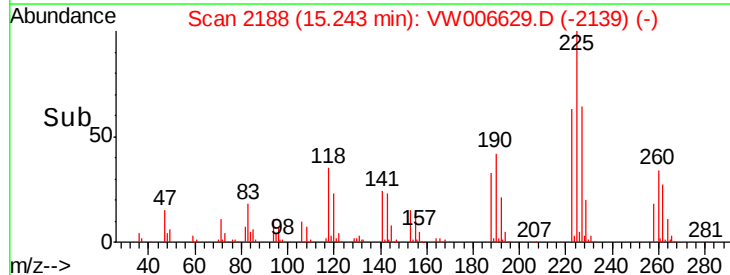
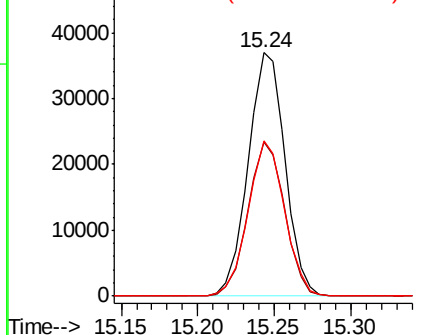


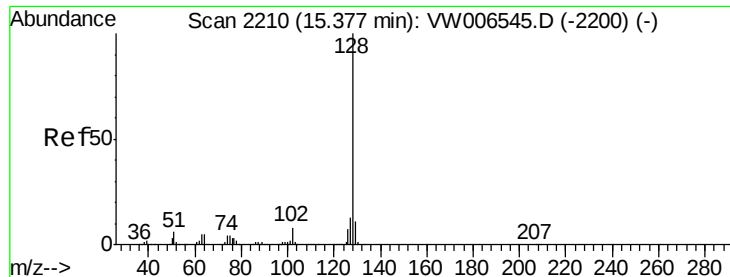
#94
 Hexachlorobutadiene
 Concen: 22.208 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion:225 Resp: 62170
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.2
 227 62.9 32.2 96.6



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

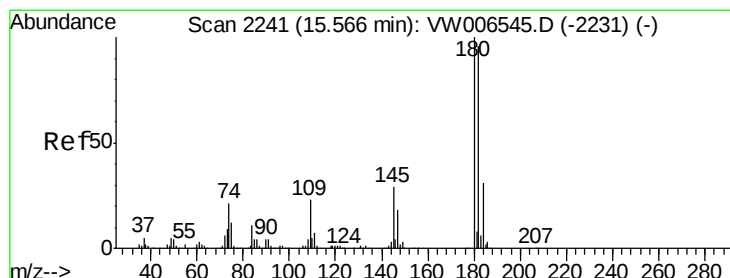
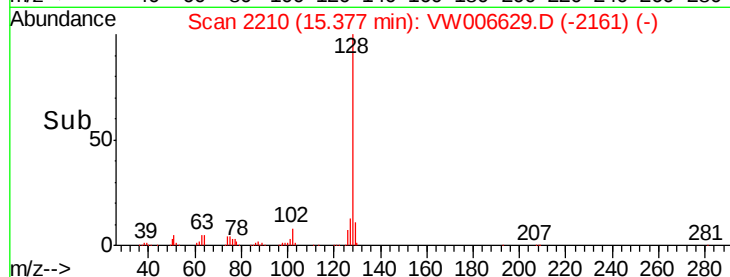
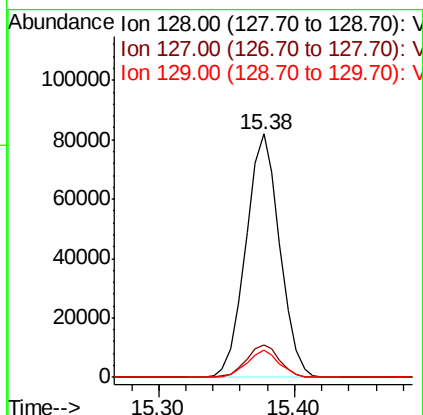
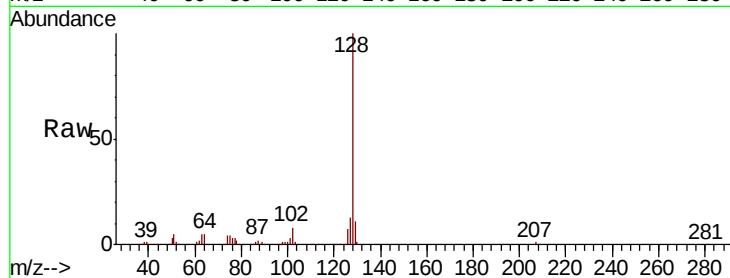




#95
Naphthalene
Concen: 19.756 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 142618
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.811 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion:180 Resp: 82155
Ion Ratio Lower Upper
180 100
182 94.5 48.2 144.6
145 29.5 14.9 44.5

