

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121918\
 Data File : VW007625.D
 Acq On : 17 Dec 2018 12:31
 Operator : SY/AP
 Sample : VW1217SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:03:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56749	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	39030	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
35) Dibromofluoromethane	7.88	113	37225	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.32	98	143179	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.62	95	54243	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	13112	23.508	ug/l	100
3) Chloromethane	2.21	50	9687	20.737	ug/l	98
4) Vinyl Chloride	2.37	62	13056	23.816	ug/l	98
5) Bromomethane	2.78	94	8099	21.989	ug/l	99
6) Chloroethane	2.93	64	6464	21.421	ug/l	94
7) Trichlorofluoromethane	3.26	101	12545	25.454	ug/l	97
8) Diethyl Ether	3.68	74	8080	20.947	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18034	22.176	ug/l	98
10) Methyl Iodide	4.26	142	28537	21.188	ug/l	98
11) Tert butyl alcohol	5.17	59	5768	94.844	ug/l	99
12) 1,1-Dichloroethene	4.03	96	17966	22.946	ug/l	97
13) Acrolein	3.89	56	3796	94.331	ug/l	98
14) Allyl chloride	4.67	41	24537	21.260	ug/l	97
15) Acrylonitrile	5.36	53	15617	96.037	ug/l	98
16) Acetone	4.12	43	17273	111.675	ug/l	99
17) Carbon Disulfide	4.37	76	53250	22.430	ug/l	96
18) Methyl Acetate	4.67	43	8260	19.676	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	24125	20.425	ug/l	98
20) Methylene Chloride	4.91	84	19877	21.247	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	18942	21.626	ug/l	95
22) Diisopropyl ether	6.31	45	45807	20.649	ug/l	95
23) Vinyl Acetate	6.25	43	123876	99.833	ug/l	97
24) 1,1-Dichloroethane	6.21	63	31364	20.919	ug/l	97
25) 2-Butanone	7.17	43	19115	94.664	ug/l	99
26) 2,2-Dichloropropane	7.17	77	24095	24.282	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	19947	20.799	ug/l	98
28) Bromochloromethane	7.51	49	10586	18.771	ug/l	99
29) Tetrahydrofuran	7.53	42	11620	90.901	ug/l	96
30) Chloroform	7.68	83	33710	20.660	ug/l	99
31) Cyclohexane	7.95	56	29344	21.331	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	31694	22.151	ug/l	98
36) 1,1-Dichloropropene	8.08	75	27754	24.036	ug/l	97
37) Ethyl Acetate	7.26	43	8120	18.907	ug/l	98
38) Carbon Tetrachloride	8.07	117	30869	24.570	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	34776	24.872	ug/l	95
40) Benzene	8.32	78	72257	22.549	ug/l	99
41) Methacrylonitrile	7.48	41	4369	17.865	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	22191	22.046	ug/l	99
43) Isopropyl Acetate	8.43	43	17193	20.267	ug/l	97
44) Trichloroethene	9.09	130	21328	23.308	ug/l	100
45) 1,2-Dichloropropane	9.37	63	16280	21.954	ug/l	99
46) Dibromomethane	9.46	93	9394	22.308	ug/l	96
47) Bromodichloromethane	9.64	83	25533	23.116	ug/l	96
48) Methyl methacrylate	9.44	41	8343	19.149	ug/l	94
49) 1,4-Dioxane	9.45	88	2975	435.401	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	40166	100.207	ug/l	96
52) Toluene	10.39	92	48120	23.205	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	24380	22.735	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	28133	22.694	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12571	21.934	ug/l	97
56) Ethyl methacrylate	10.65	69	14511	21.065	ug/l	97
57) 1,3-Dichloropropane	10.93	76	21643	23.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	33430	105.233	ug/l	100
59) 2-Hexanone	10.97	43	28362	106.116	ug/l	98
60) Dibromochloromethane	11.13	129	16552	22.884	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12301	21.718	ug/l	98
64) Tetrachloroethene	10.86	164	16735	20.915	ug/l	90
65) Chlorobenzene	11.66	112	53025	22.864	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	19034	23.303	ug/l	99
67) Ethyl Benzene	11.73	91	95404	23.927	ug/l	94
68) m/p-Xylenes	11.84	106	72894	47.026	ug/l	98
69) o-Xylene	12.17	106	34263	23.668	ug/l	97
70) Styrene	12.18	104	56460	24.146	ug/l	97
71) Bromoform	12.35	173	9277	22.190	ug/l #	96
73) Isopropylbenzene	12.47	105	99526	22.888	ug/l	100
74) N-amyl acetate	12.27	43	15938	20.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13751	21.351	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	19287	41.219	ug/l	34
77) Bromobenzene	12.75	156	21811	22.629	ug/l	98
78) n-propylbenzene	12.81	91	116660	23.839	ug/l	99
79) 2-Chlorotoluene	12.90	91	65185	22.014	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	85121	23.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4554	21.499	ug/l	92
82) 4-Chlorotoluene	12.99	91	70904	22.717	ug/l	100
83) tert-Butylbenzene	13.21	119	75677	23.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	85792	22.818	ug/l	98
85) sec-Butylbenzene	13.39	105	105200	23.937	ug/l	95
86) p-Isopropyltoluene	13.51	119	94420	23.915	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	42919	22.334	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	42401	21.947	ug/l	98
89) n-Butylbenzene	13.83	91	86938	23.752	ug/l	98
90) Hexachloroethane	14.10	117	16459	23.429	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	38029	22.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2692	20.829	ug/l	94

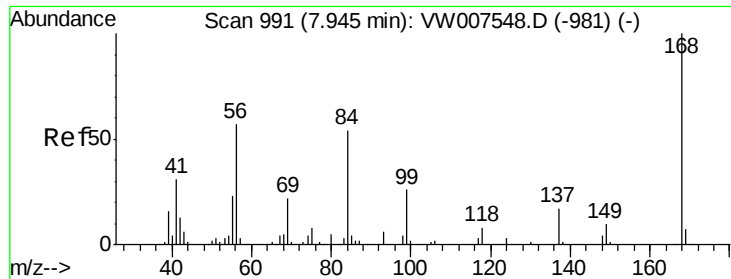
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25906	21.870	ug/l	96
94) Hexachlorobutadiene	15.24	225	14105	22.443	ug/l	100
95) Naphthalene	15.38	128	44843	19.789	ug/l	96
96) 1,2,3-Trichlorobenzene	15.57	180	21414	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# 991

Delta R.T. -0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

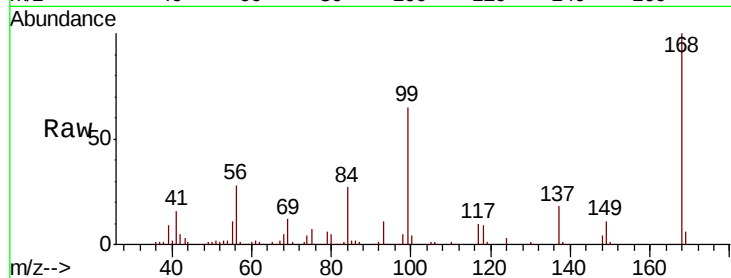
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 79817

Ion Ratio Lower Upper

168 100

99 65.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW007548.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007548.D (-981) (-)

7.95

40000

30000

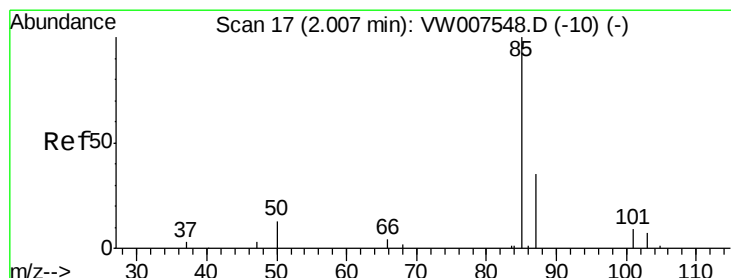
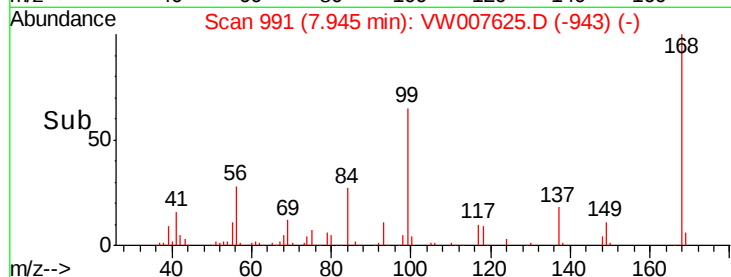
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.508 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007625.D

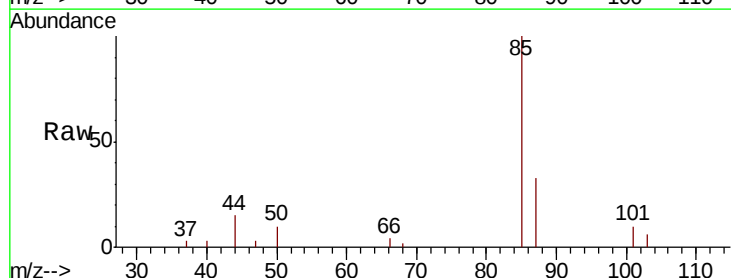
Acq: 17 Dec 2018 12:31

Tgt Ion: 85 Resp: 13112

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW007548.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW007548.D (-10) (-)

2.01

5000

4000

3000

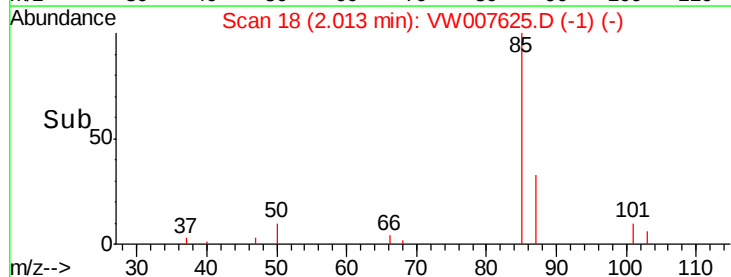
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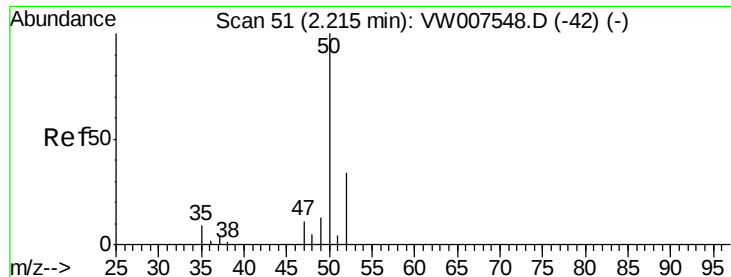
1000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.737 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

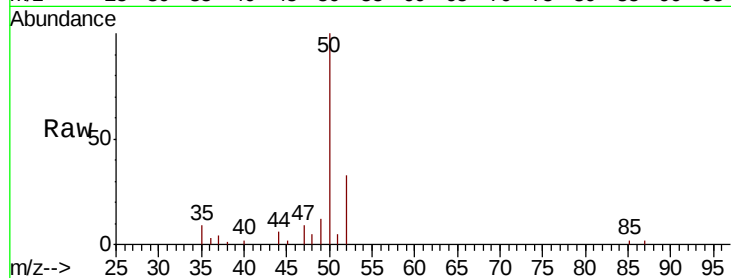
ClientSampleId :

Tot Ion: 50 Resp: 9687

Ion Ratio Lower Upper

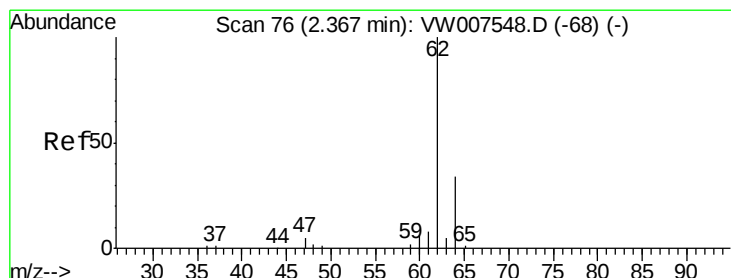
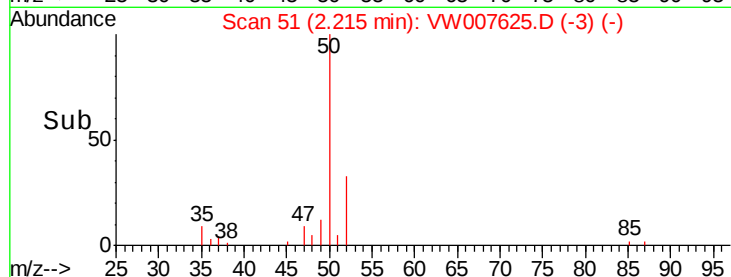
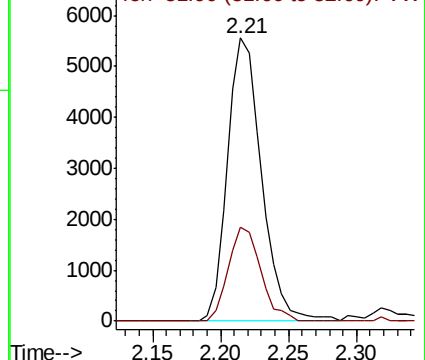
50 100

52 33.1 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 23.816 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007625.D

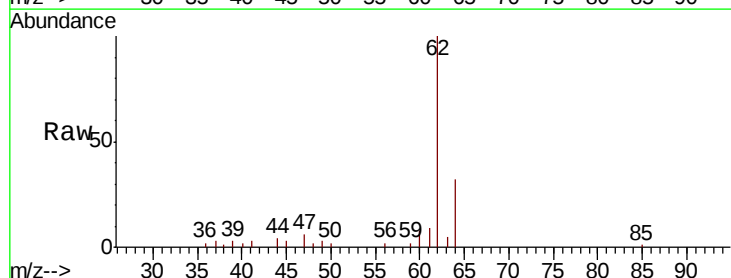
Acq: 17 Dec 2018 12:31

Tgt Ion: 62 Resp: 13056

Ion Ratio Lower Upper

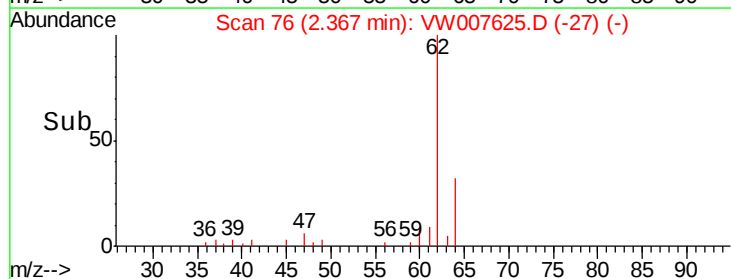
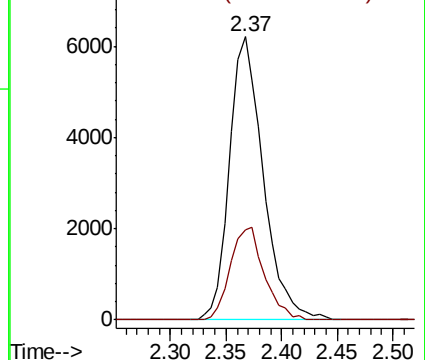
62 100

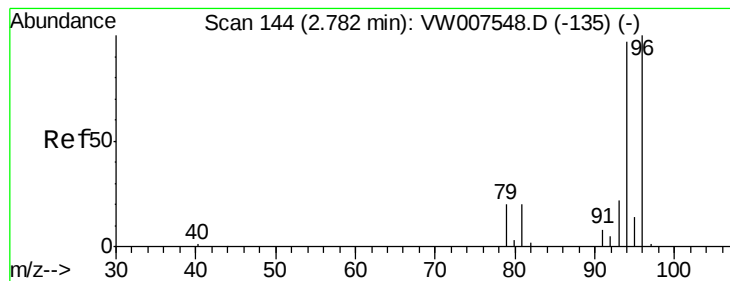
64 32.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.989 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

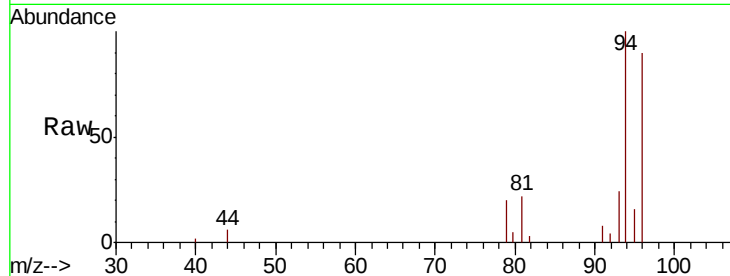
ClientSampleId :

Tot Ion: 94 Resp: 8099

Ion Ratio Lower Upper

94 100

96 89.8 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

4000

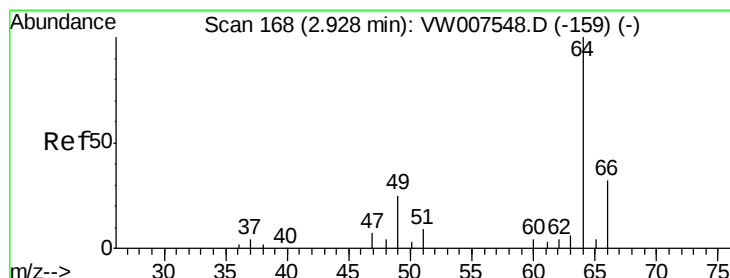
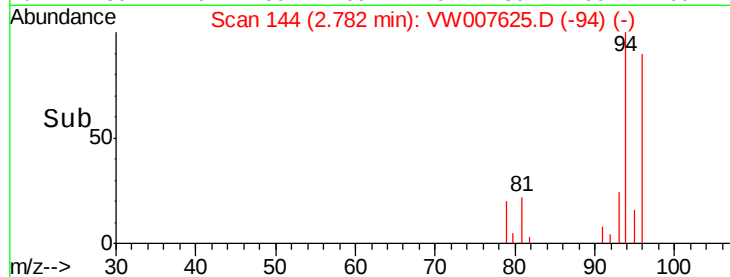
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 21.421 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007625.D

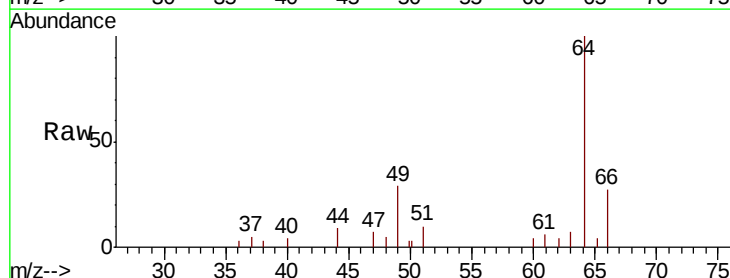
Acq: 17 Dec 2018 12:31

Tgt Ion: 64 Resp: 6464

Ion Ratio Lower Upper

64 100

66 27.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

2500

2000

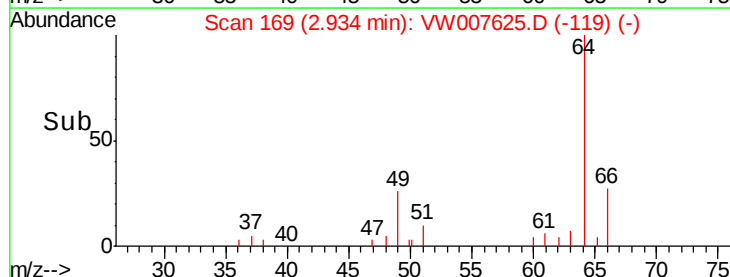
1500

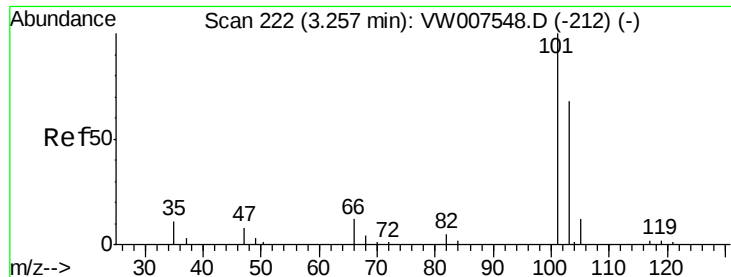
1000

500

0

Time-->



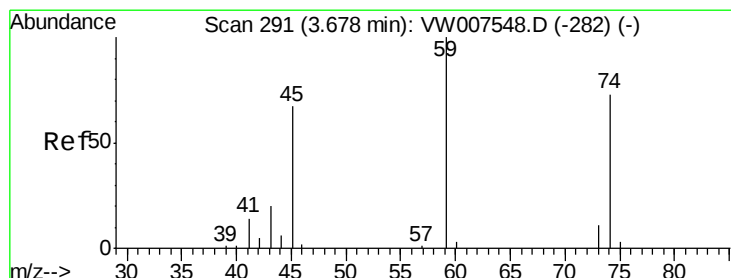
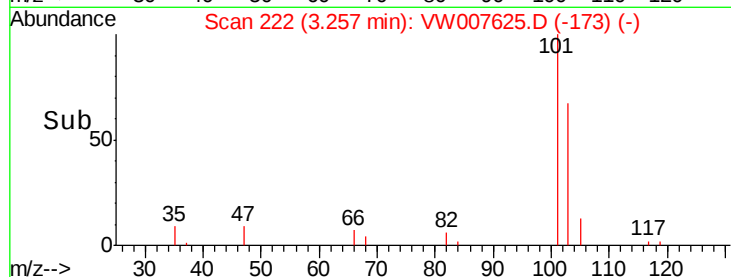
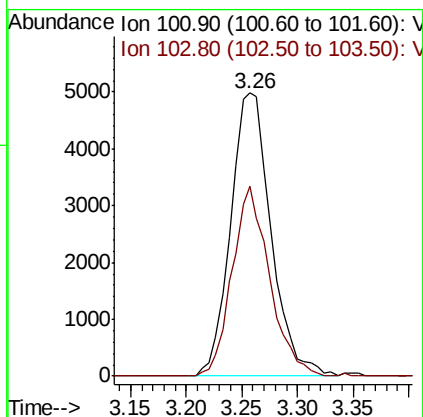
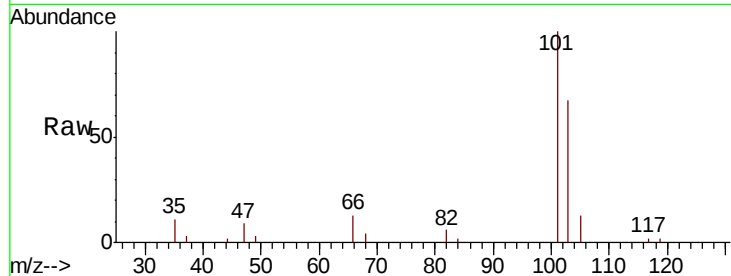


#7

Trichlorofluoromethane
 Concen: 25.454 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Instrument :
 MSVOA_W
 ClientSampled :

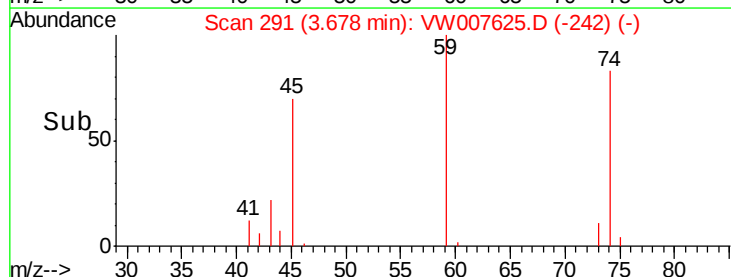
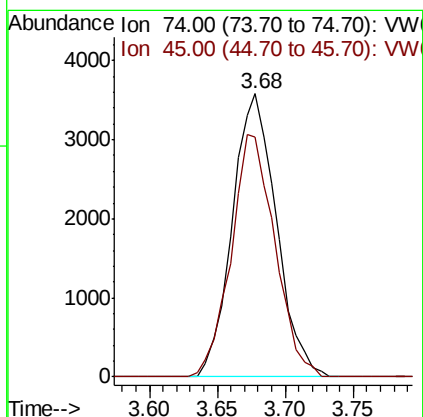
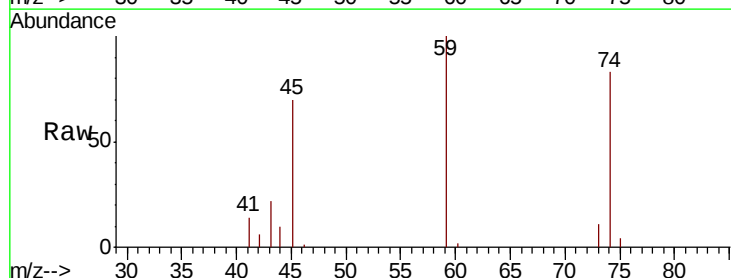
Tot Ion:101 Resp: 12545
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.7 77.5

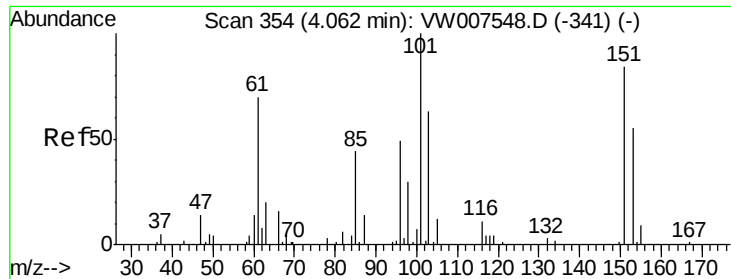


#8

Diethyl Ether
 Concen: 20.947 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 74 Resp: 8080
 Ion Ratio Lower Upper
 74 100
 45 85.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.176 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

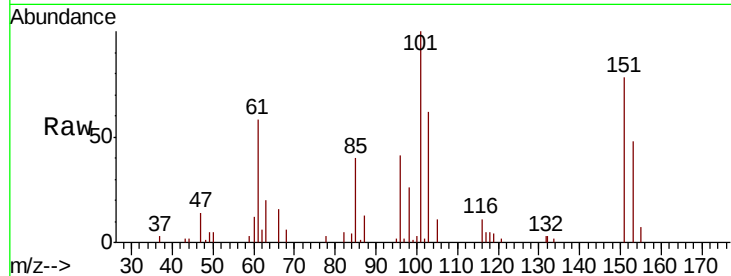
Tot Ion:101 Resp: 18034

Ion Ratio Lower Upper

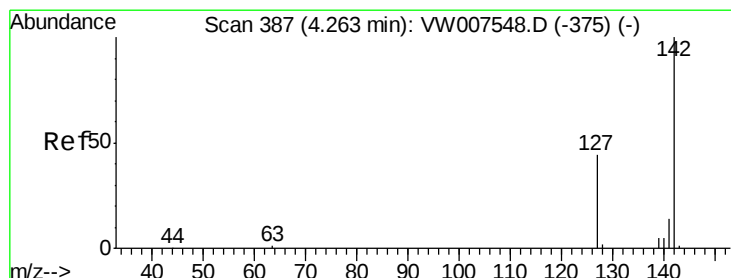
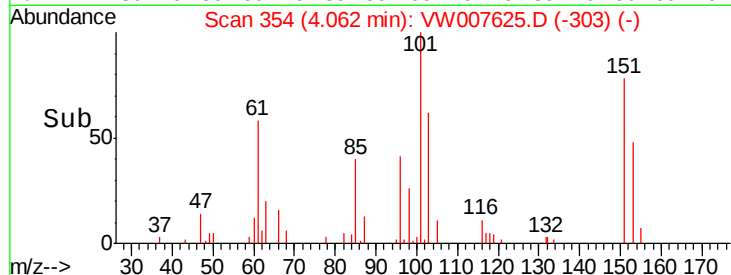
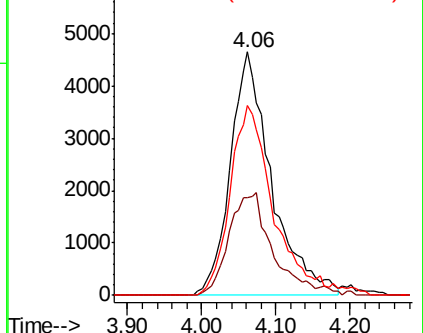
101 100

85 44.7 33.9 50.9

151 80.8 63.7 95.5



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: 21.188 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

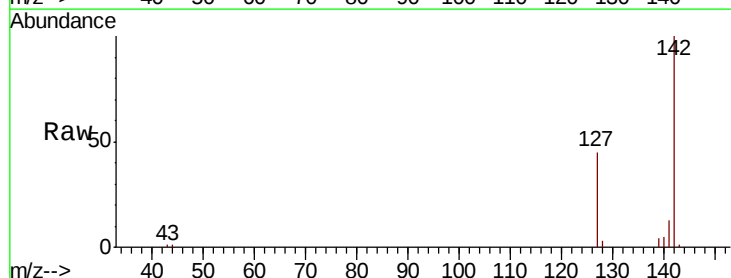
Tgt Ion:142 Resp: 28537

Ion Ratio Lower Upper

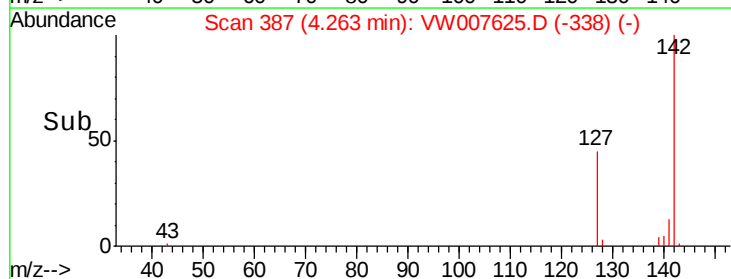
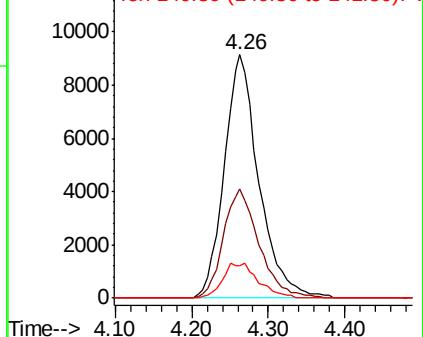
142 100

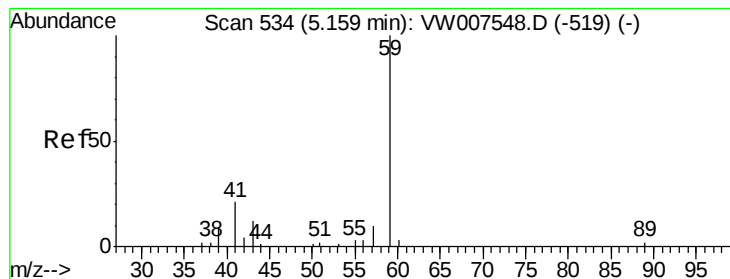
127 46.2 35.8 53.6

141 14.7 11.1 16.7



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



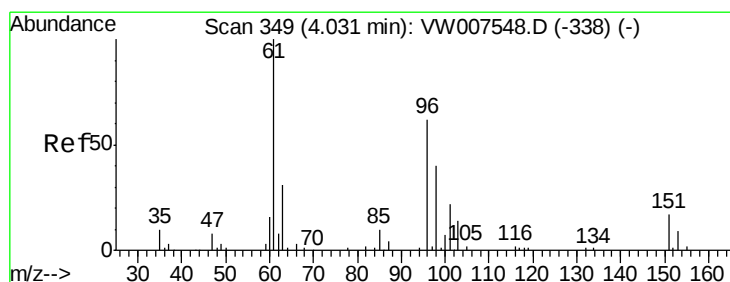
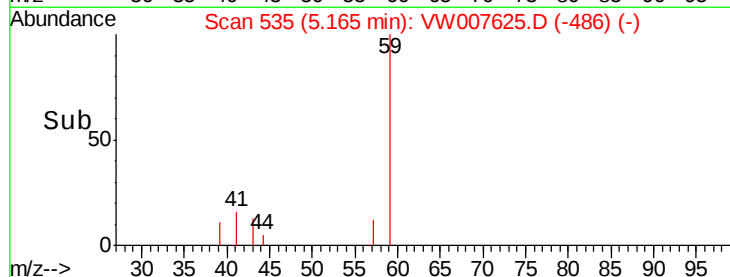
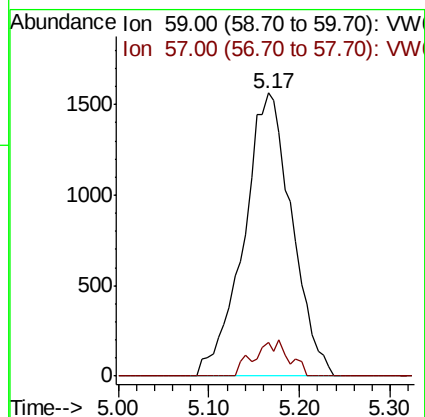
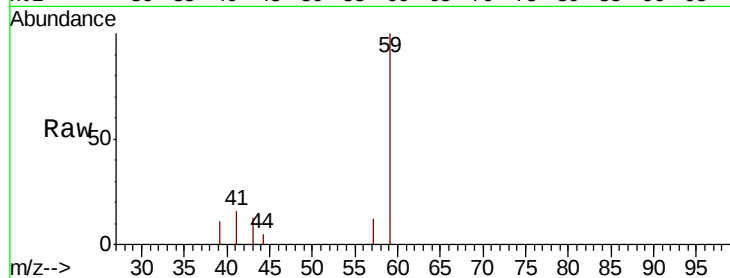


#11

Tert butyl alcohol
 Concen: 94.844 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :

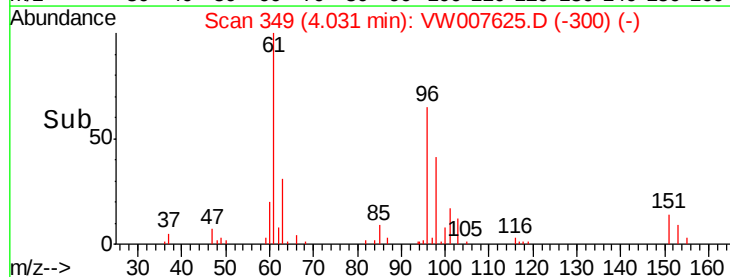
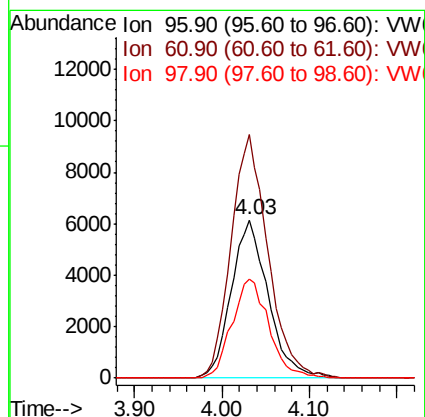
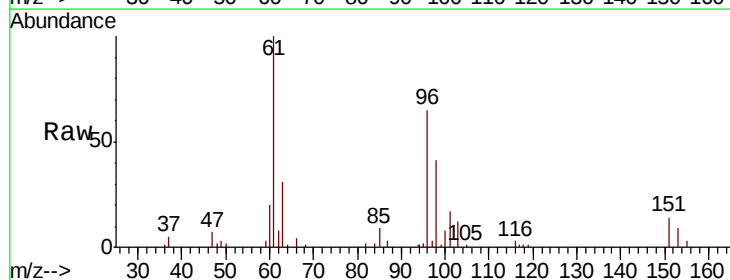
Tot Ion: 59 Resp: 5768
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.6 11.4

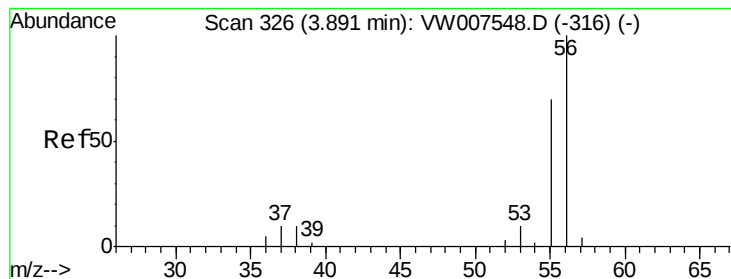


#12

1,1-Dichloroethene
 Concen: 22.946 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 96 Resp: 17966
 Ion Ratio Lower Upper
 96 100
 61 154.0 126.2 189.2
 98 62.9 48.3 72.5





#13

Acrolein

Concen: 94.331 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

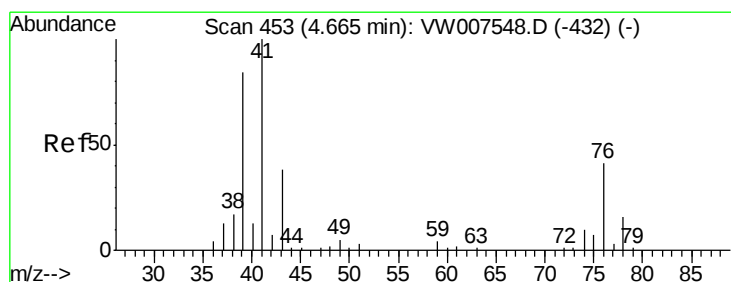
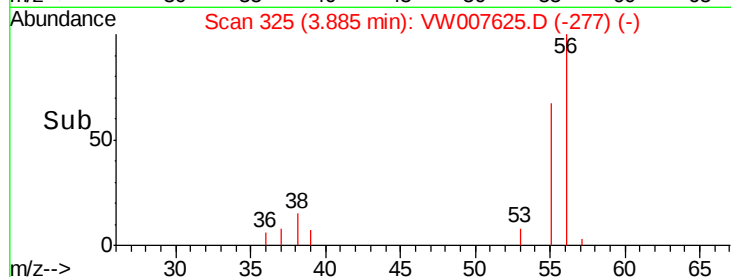
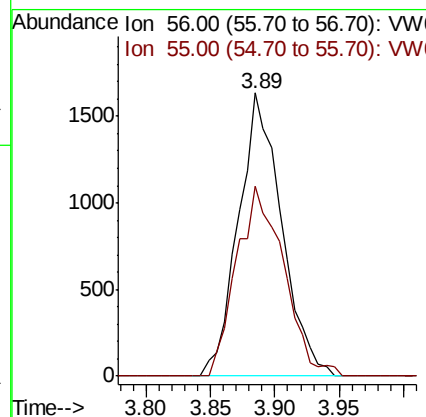
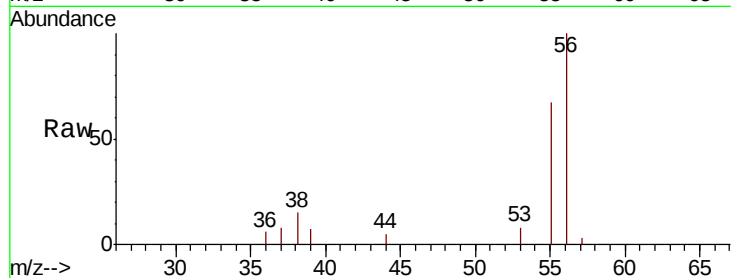
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 3796

Ion Ratio Lower Upper

56 100

55 73.6 57.4 86.2



#14

Allyl chloride

Concen: 21.260 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

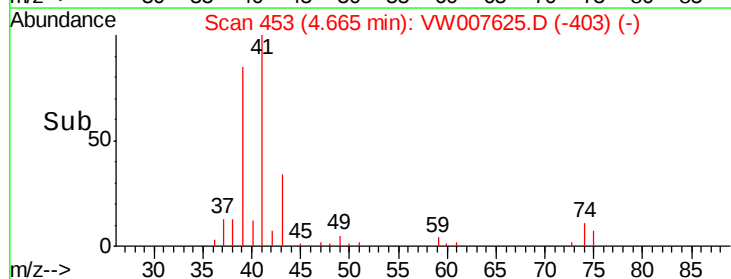
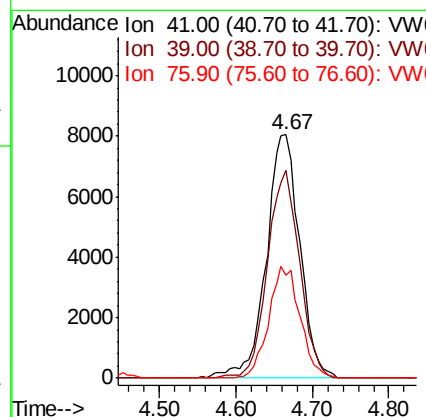
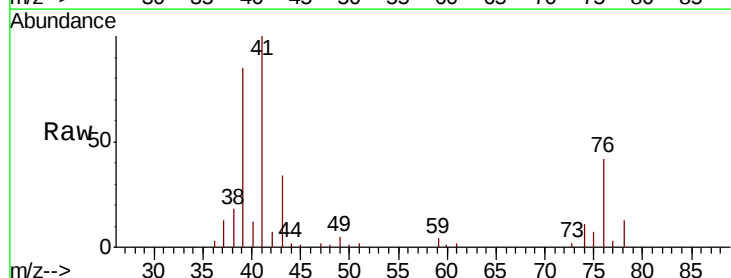
Tgt Ion: 41 Resp: 24537

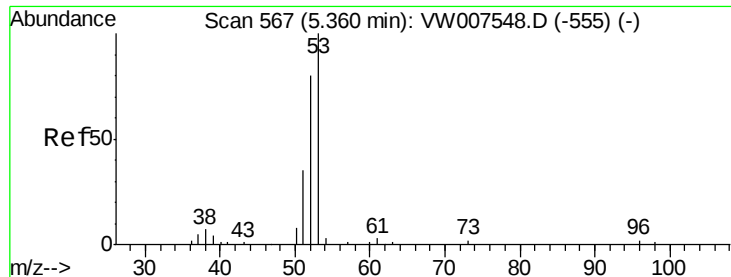
Ion Ratio Lower Upper

41 100

39 81.6 63.4 95.2

76 42.8 32.1 48.1





#15

Acrylonitrile

Concen: 96.037 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

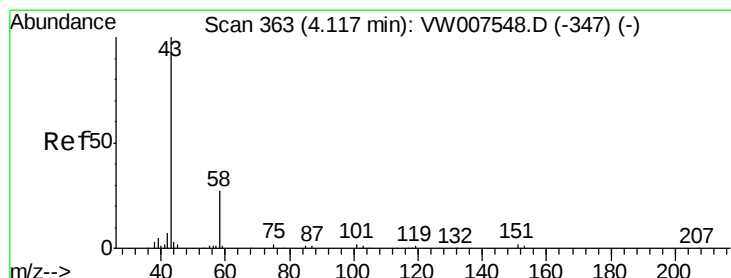
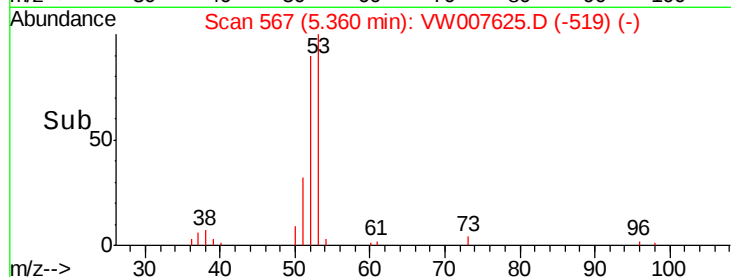
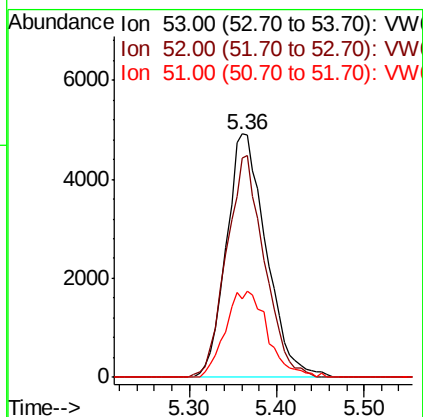
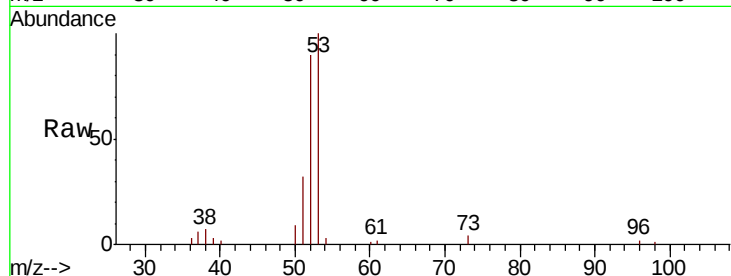
Tot Ion: 53 Resp: 15617

Ion Ratio Lower Upper

53 100

52 86.3 67.4 101.2

51 37.3 30.2 45.2



#16

Acetone

Concen: 111.675 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007625.D

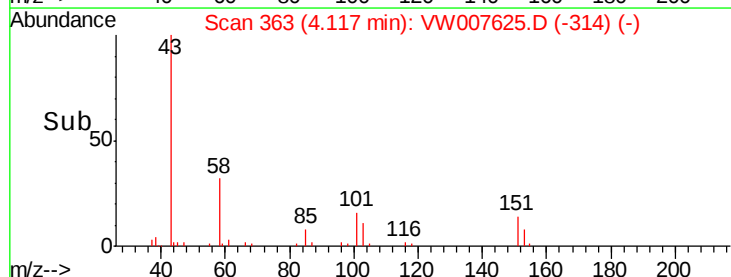
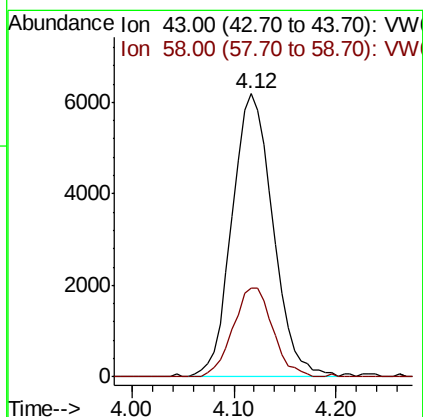
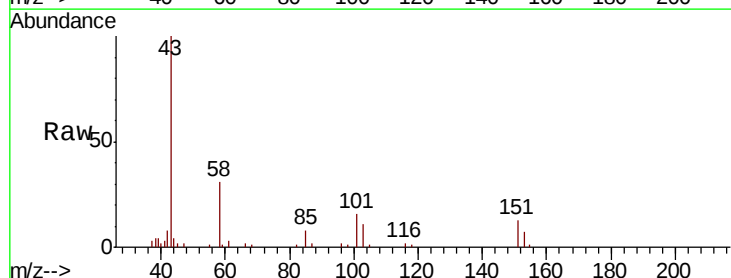
Acq: 17 Dec 2018 12:31

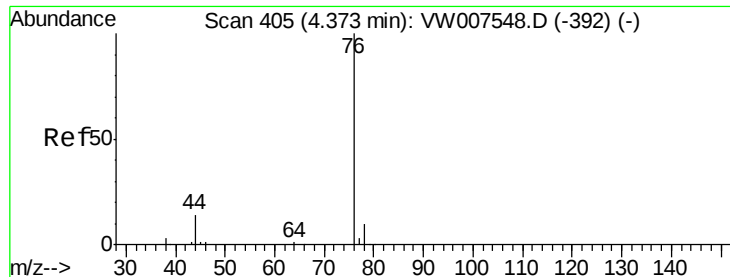
Tgt Ion: 43 Resp: 17273

Ion Ratio Lower Upper

43 100

58 31.5 24.9 37.3

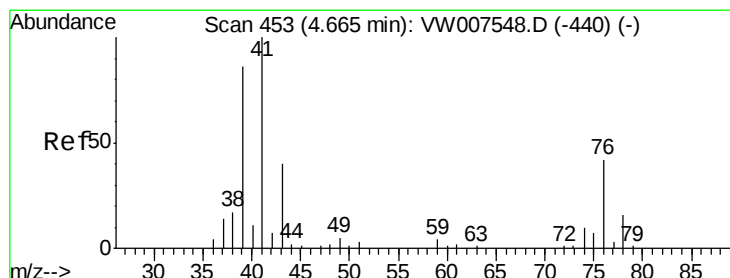
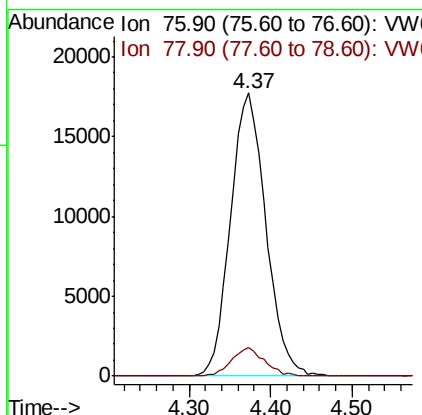
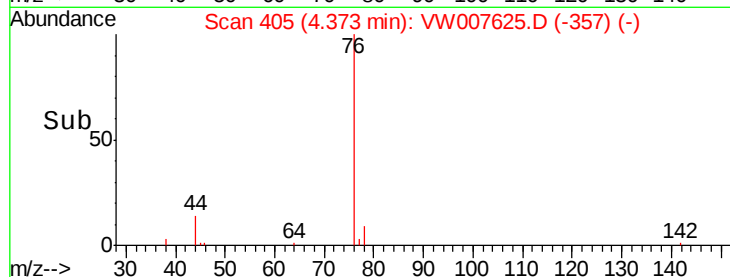
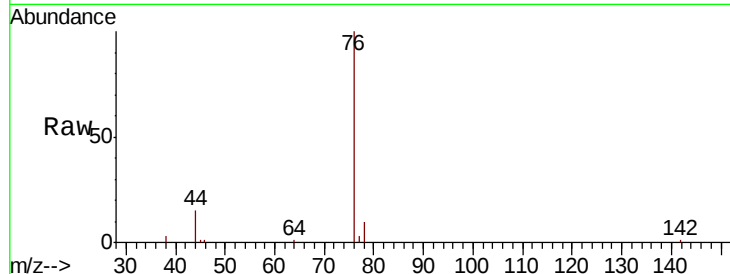




#17
Carbon Disulfide
Concen: 22.430 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

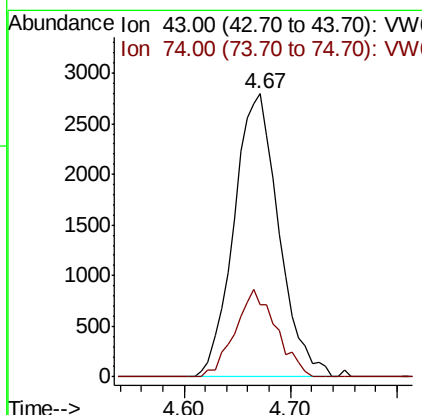
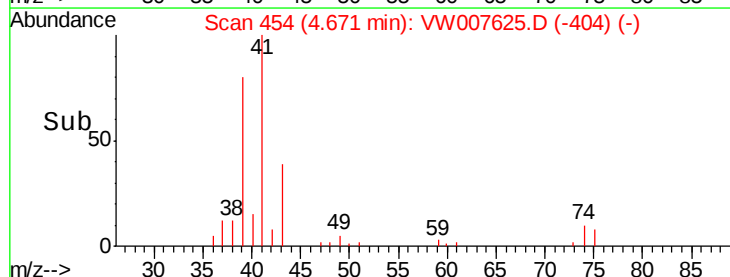
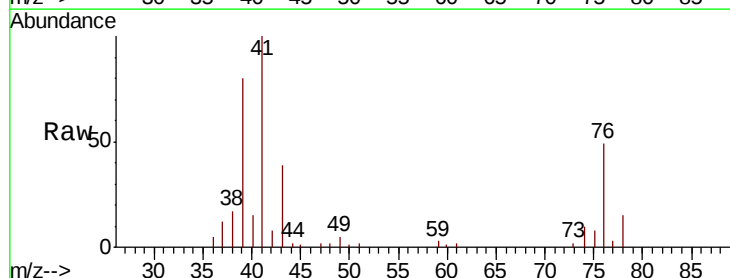
Instrument :
MSVOA_W
ClientSampleId :

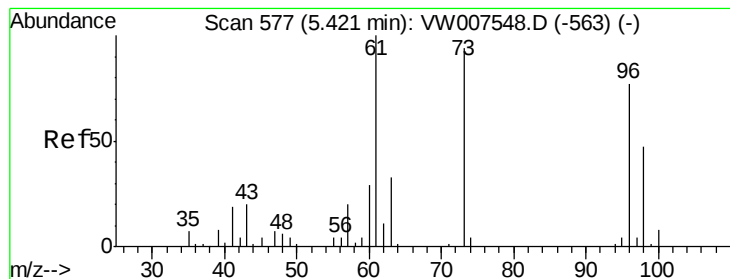
Tot Ion: 76 Resp: 53250
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7



#18
Methyl Acetate
Concen: 19.676 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 43 Resp: 8260
Ion Ratio Lower Upper
43 100
74 28.4 21.1 31.7



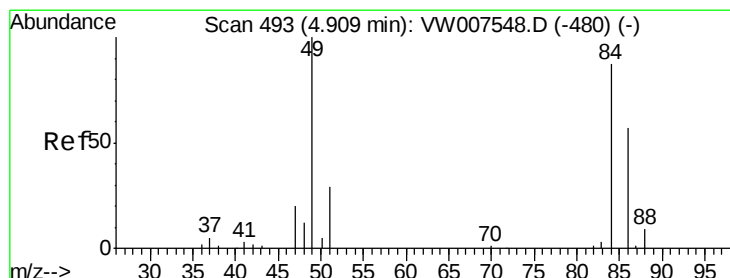
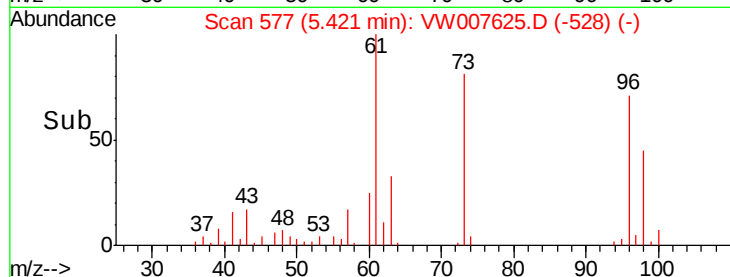
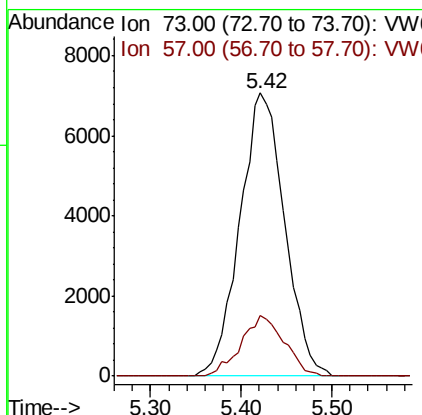
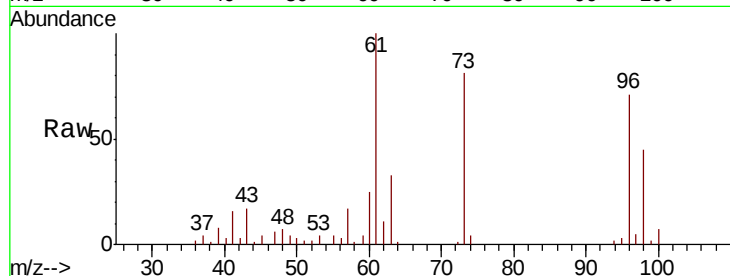


#19

Methyl tert-butyl Ether
 Concen: 20.425 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :

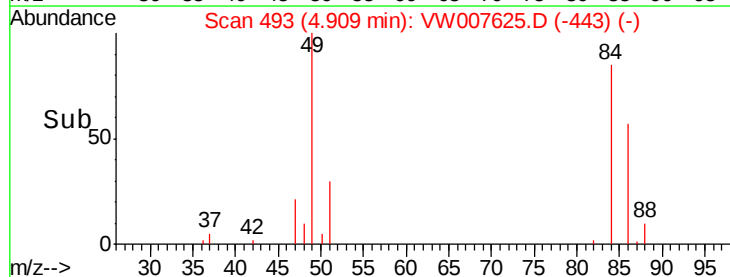
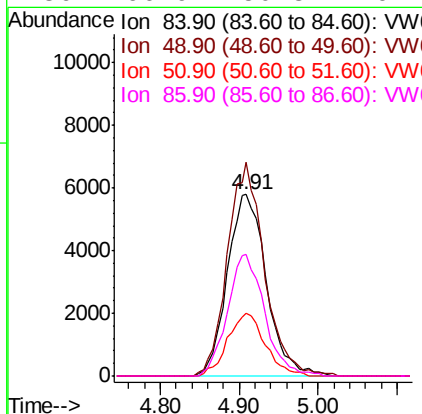
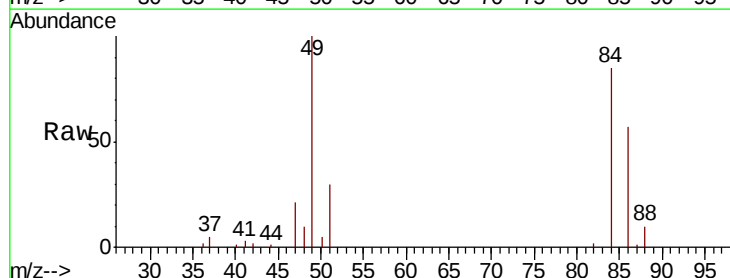
Tot Ion: 73 Resp: 24125
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.4 24.6

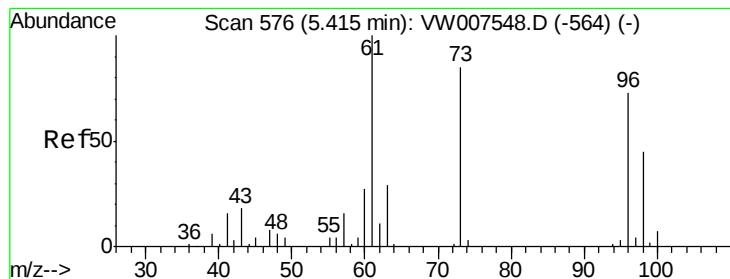


#20

Methylene Chloride
 Concen: 21.247 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 84 Resp: 19877
 Ion Ratio Lower Upper
 84 100
 49 117.9 87.1 130.7
 51 34.9 28.2 42.2
 86 66.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.626 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

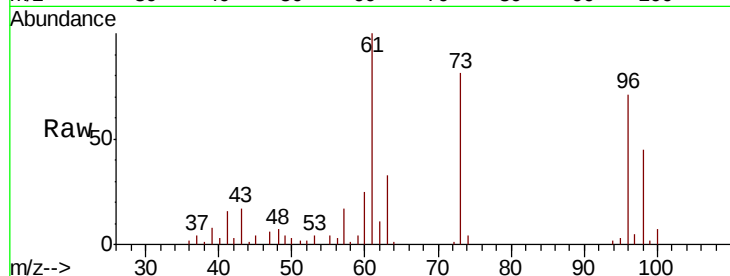
Tot Ion: 96 Resp: 18942

Ion Ratio Lower Upper

96 100

61 140.2 105.0 157.6

98 62.7 49.7 74.5

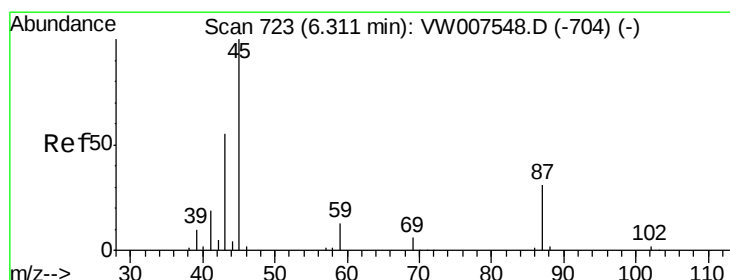
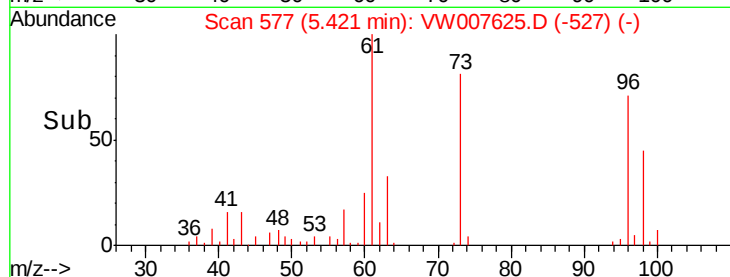
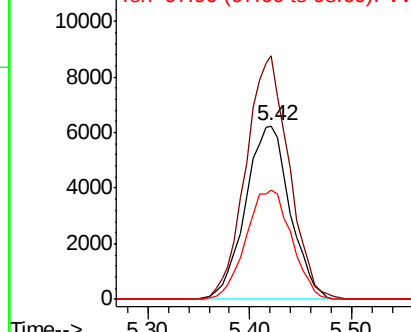


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.649 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Tgt Ion: 45 Resp: 45807

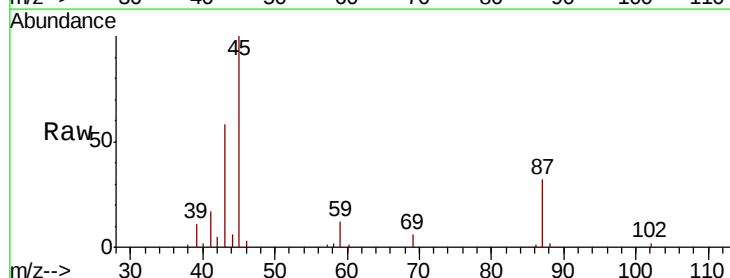
Ion Ratio Lower Upper

45 100

43 57.1 41.6 62.4

87 32.1 24.3 36.5

59 11.9 9.4 14.0



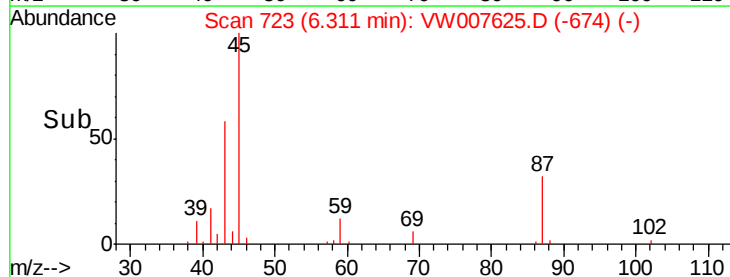
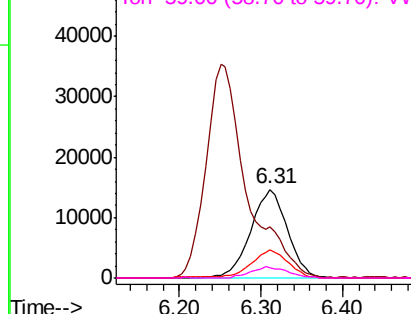
Abundance

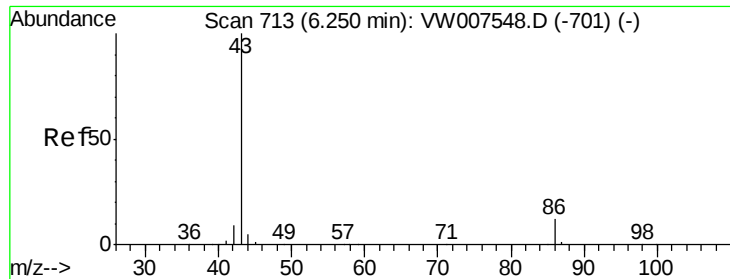
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 99.833 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

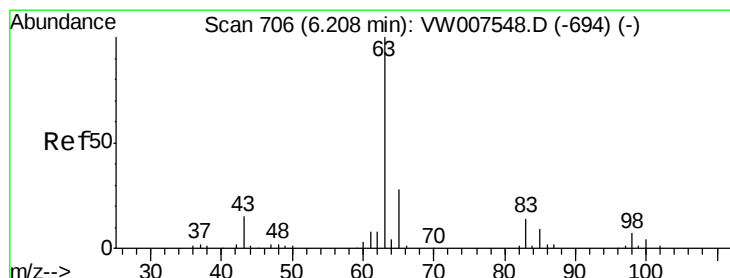
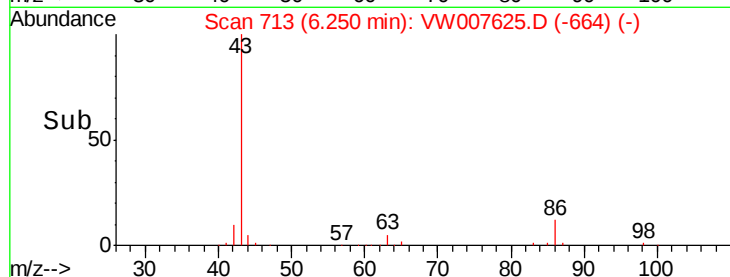
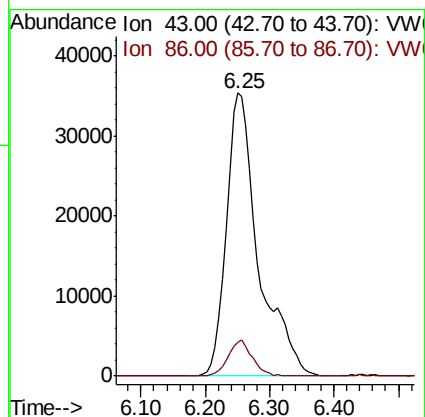
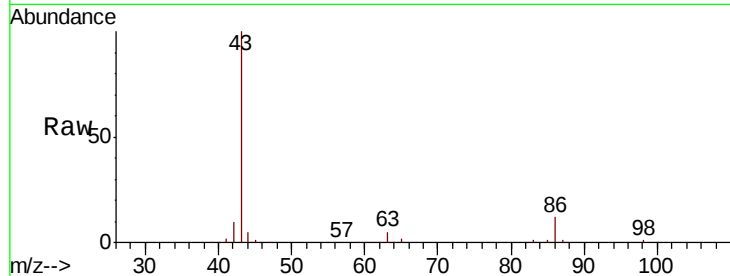
ClientSampled :

Tot Ion: 43 Resp: 123876

Ion Ratio Lower Upper

43 100

86 11.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.919 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

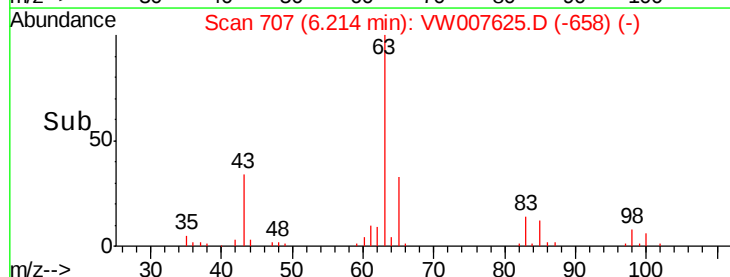
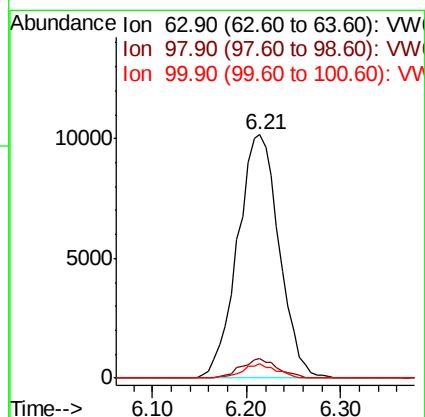
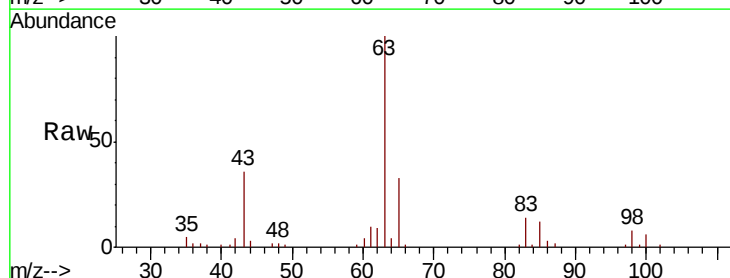
Tgt Ion: 63 Resp: 31364

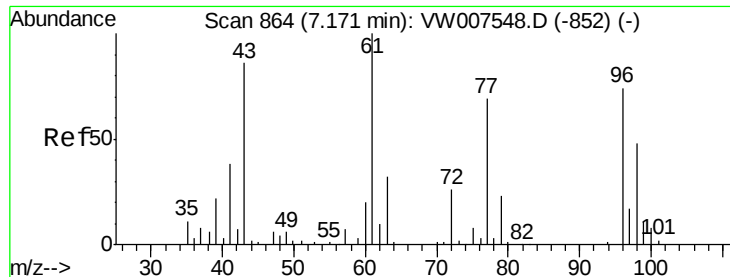
Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.4

100 5.9 2.5 7.5

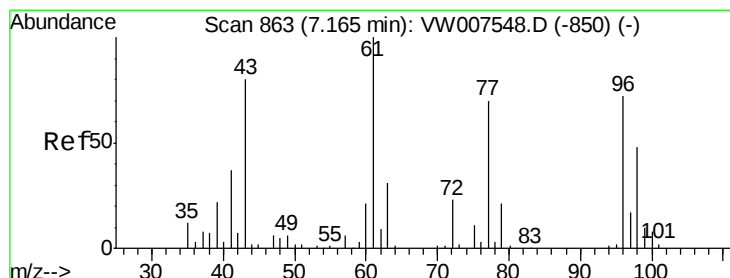
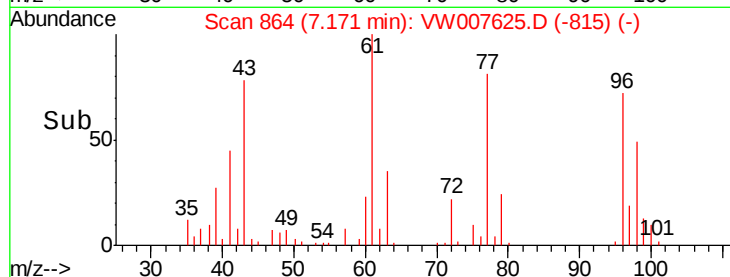
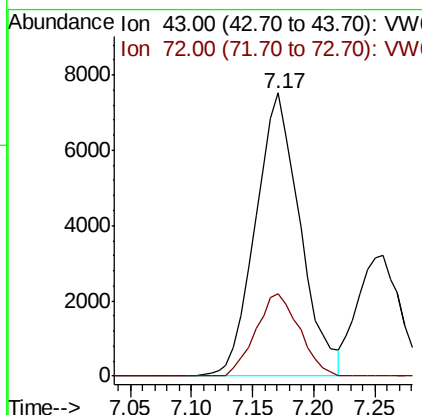
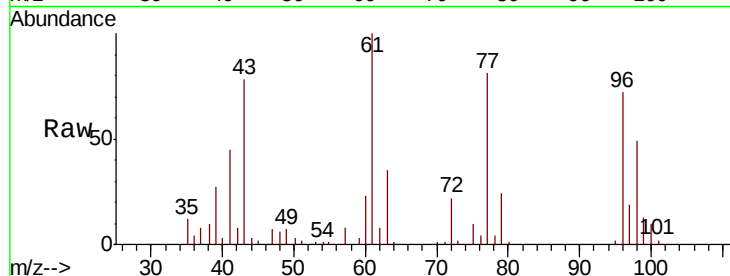




#25
2-Butanone
Concen: 94.664 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

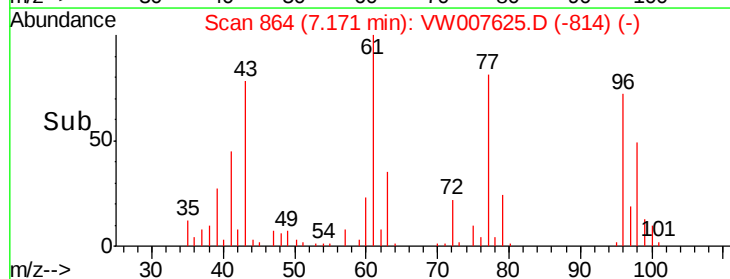
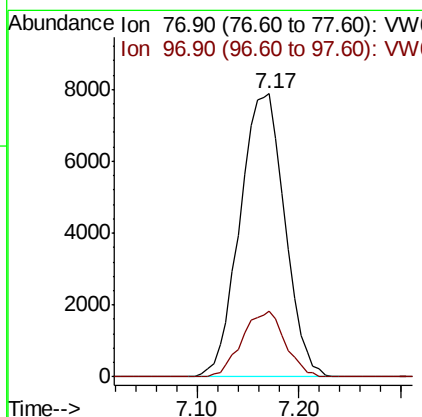
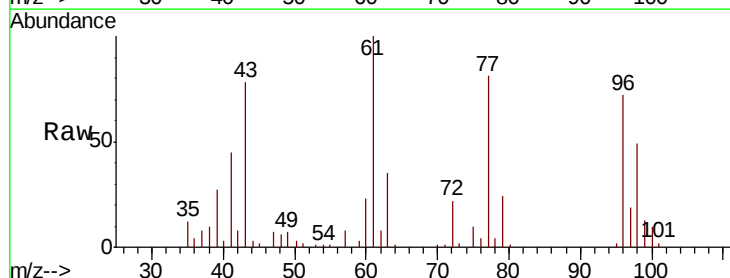
Instrument :
MSVOA_W
ClientSampleId :

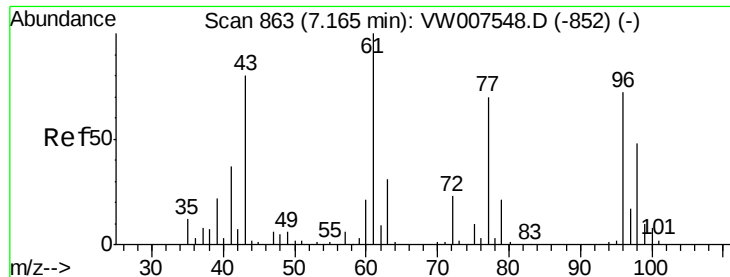
Tot Ion: 43 Resp: 19115
Ion Ratio Lower Upper
43 100
72 29.0 23.4 35.2



#26
2,2-Dichloropropane
Concen: 24.282 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 77 Resp: 24095
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8



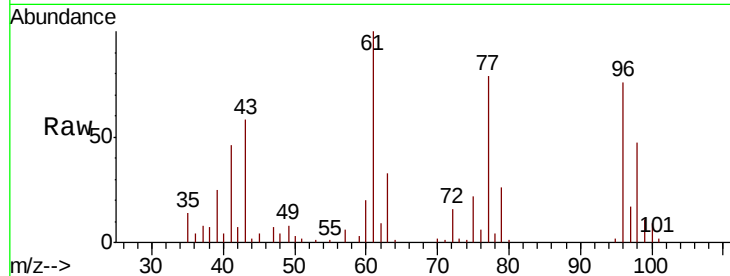


#27

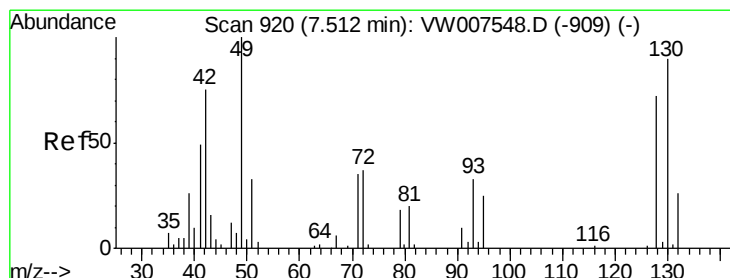
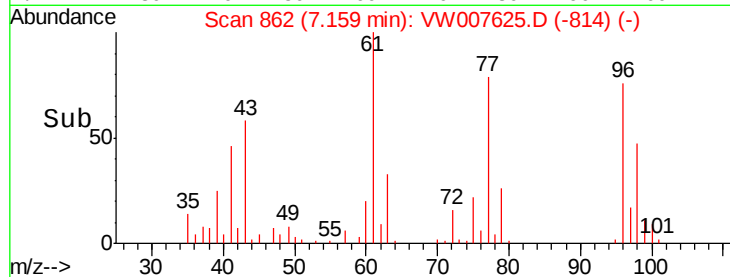
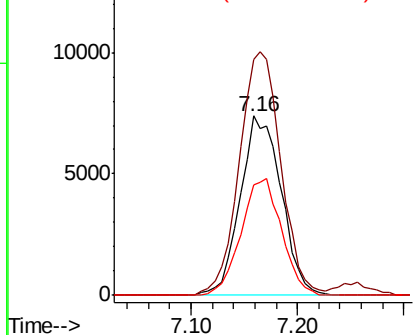
cis-1,2-Dichloroethene
Concen: 20.799 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	96	Resp	19947
Ion Ratio	Lower	Upper	
96	100		
61	137.6	0.0	268.4
98	64.2	0.0	127.8



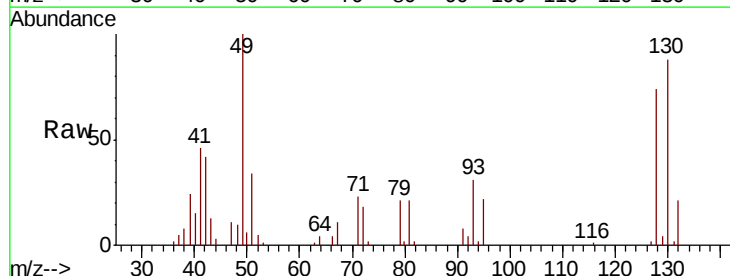
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



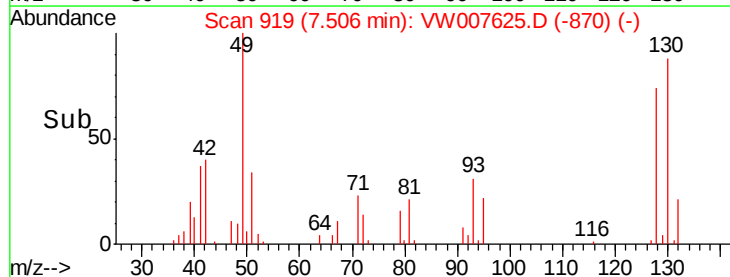
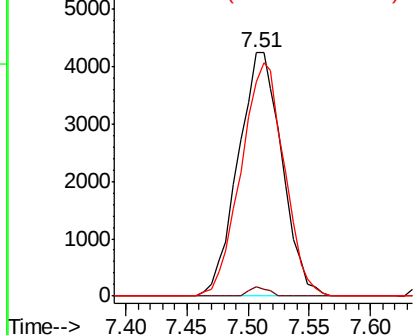
#28

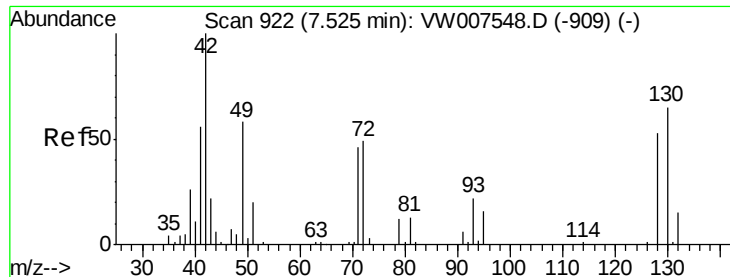
Bromochloromethane
Concen: 18.771 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion	49	Resp	10586
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	2.6
130	94.4	75.9	113.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.901 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

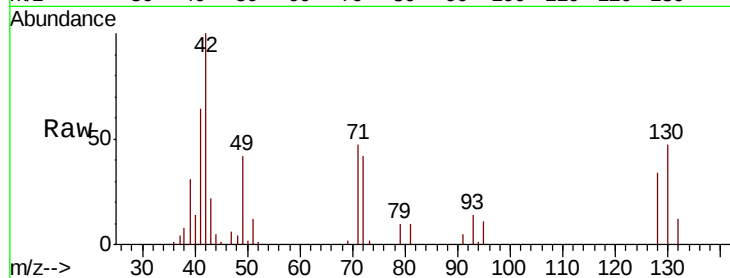
Tot Ion: 42 Resp: 11620

Ion Ratio Lower Upper

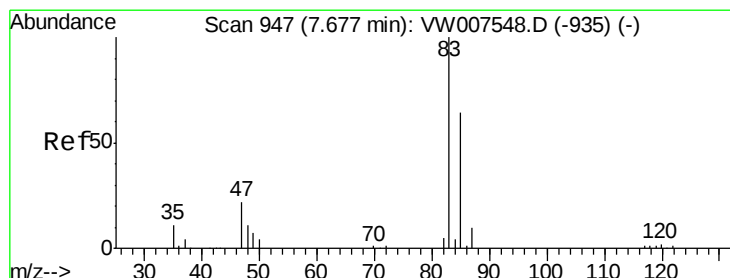
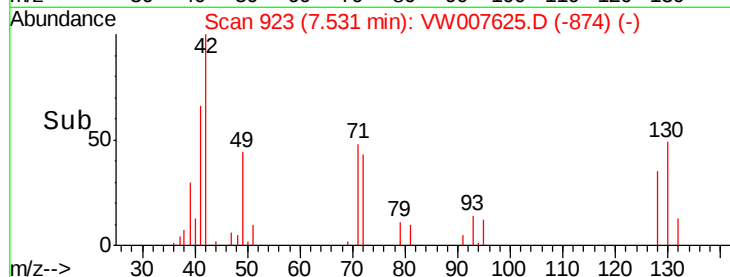
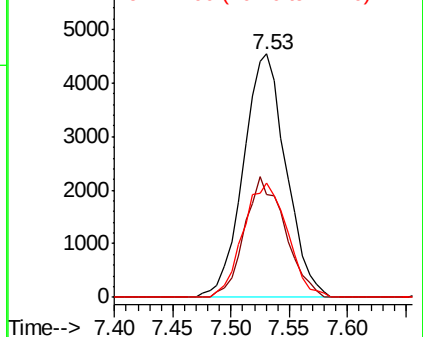
42 100

72 46.8 38.2 57.4

71 48.5 35.5 53.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.660 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW007625.D

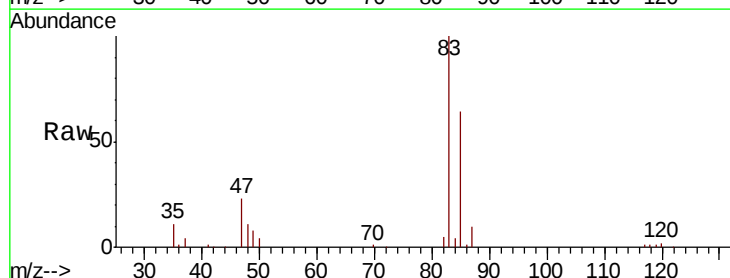
Acq: 17 Dec 2018 12:31

Tgt Ion: 83 Resp: 33710

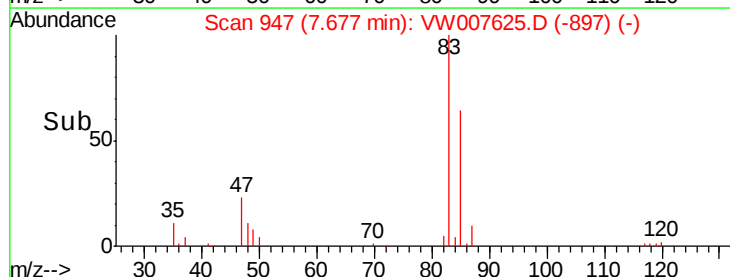
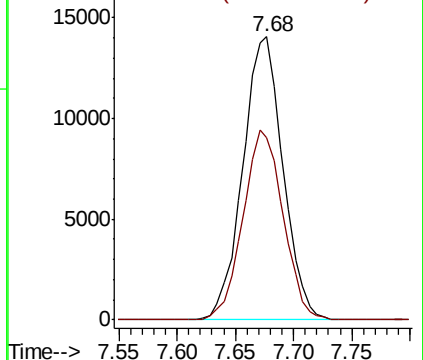
Ion Ratio Lower Upper

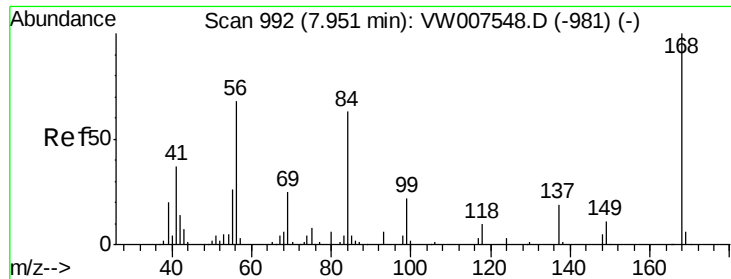
83 100

85 64.2 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

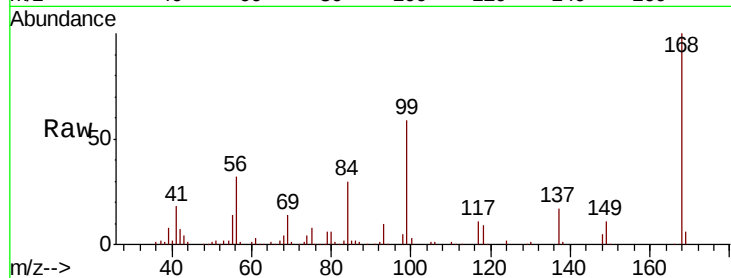




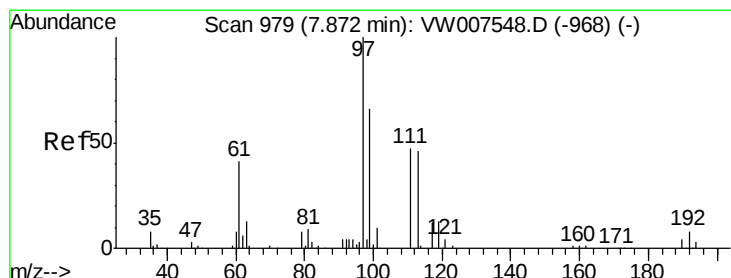
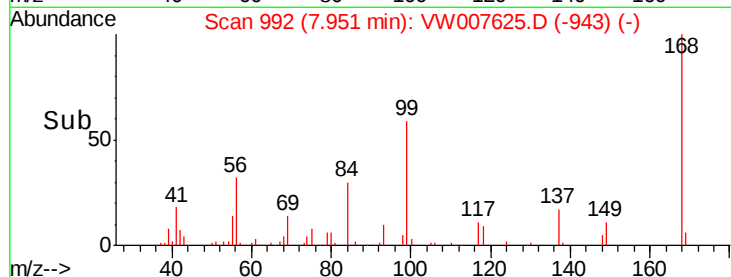
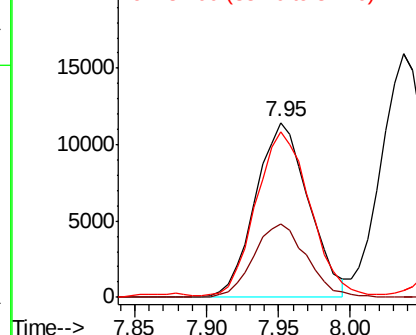
#31
Cyclohexane
Concen: 21.331 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 29344
Ion Ratio Lower Upper
56 100
69 42.2 28.9 43.3
84 93.7 71.8 107.6

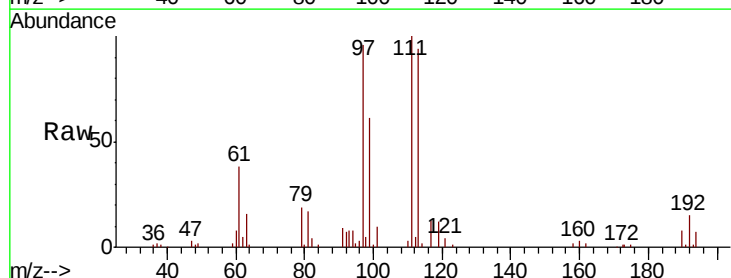


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

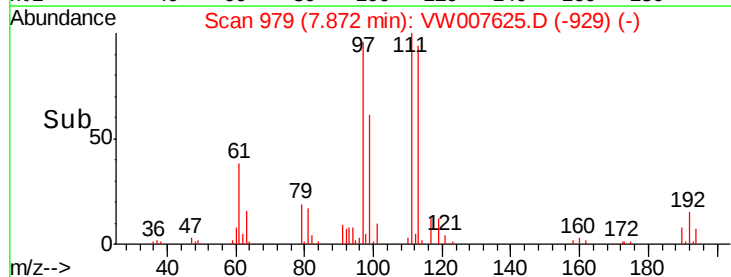
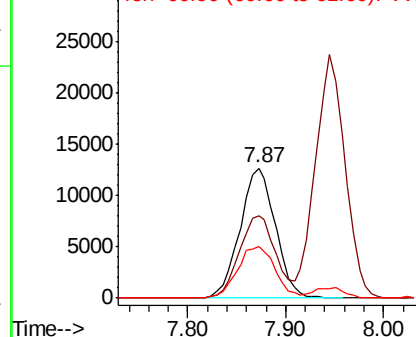


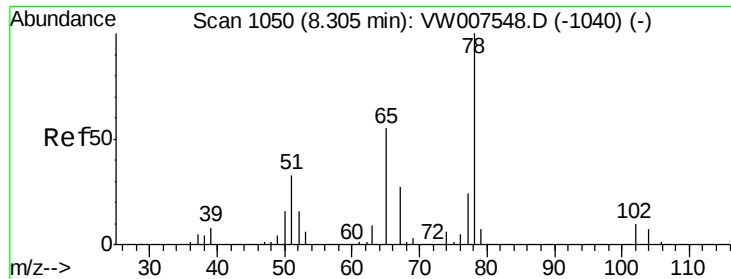
#32
1,1,1-Trichloroethane
Concen: 22.151 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 97 Resp: 31694
Ion Ratio Lower Upper
97 100
99 65.9 51.1 76.7
61 42.2 33.2 49.8



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

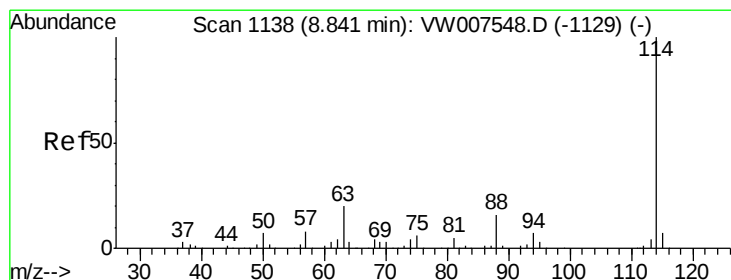
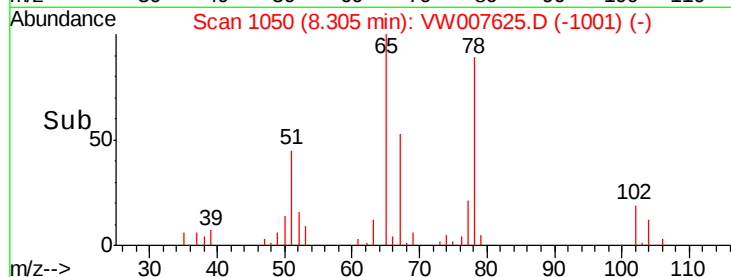
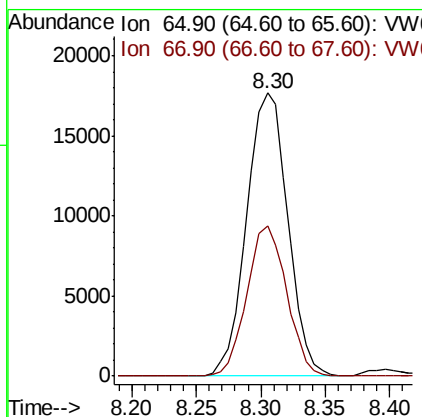
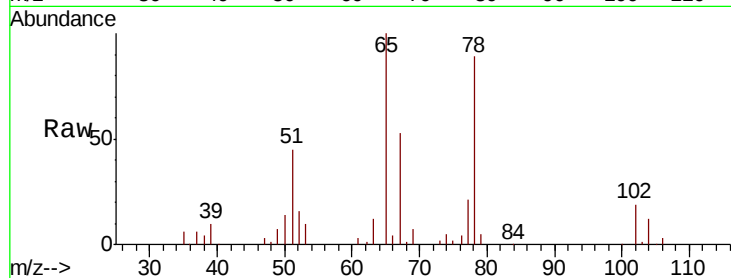




#33
 1,2-Dichloroethane-d4
 Concen: 44.077 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

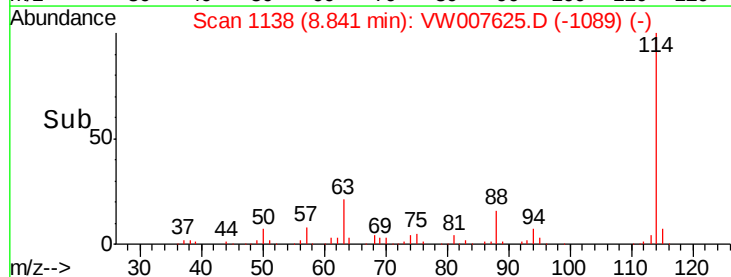
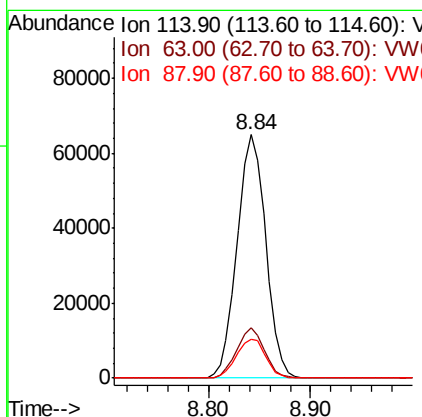
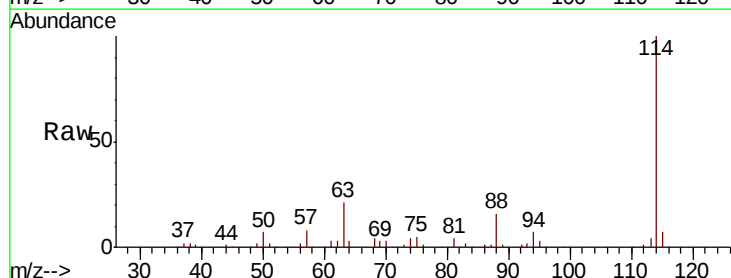
Instrument :
 MSVOA_W
 ClientSampleId :

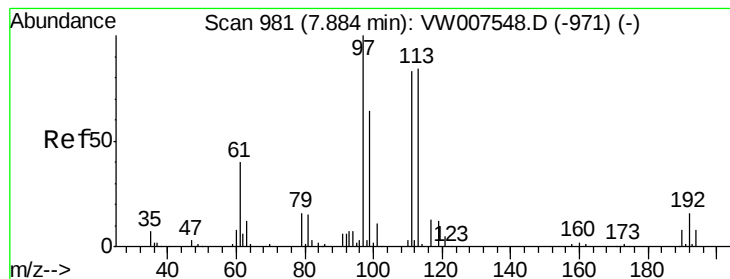
Tot Ion: 65 Resp: 39030
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 114 Resp: 126576
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.583 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

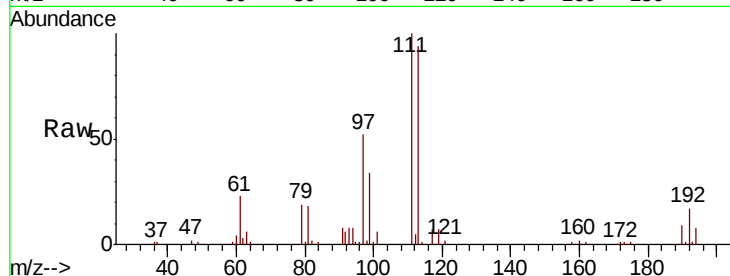
Tot Ion:113 Resp: 37225

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

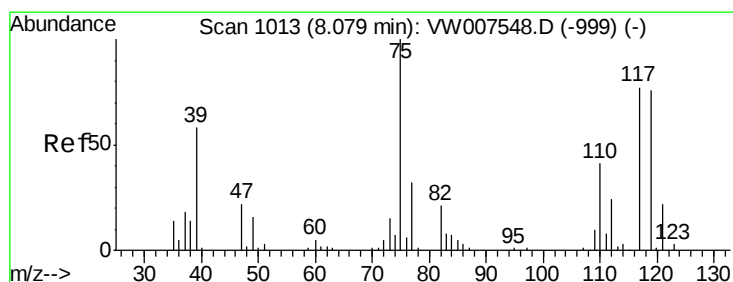
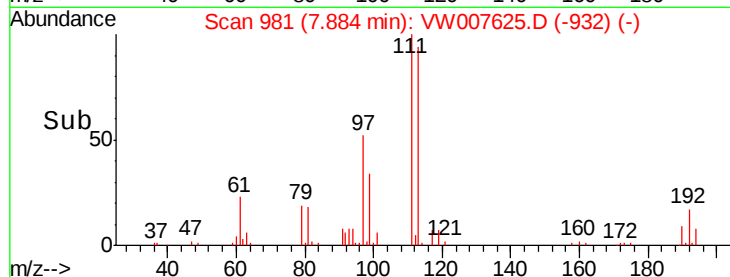
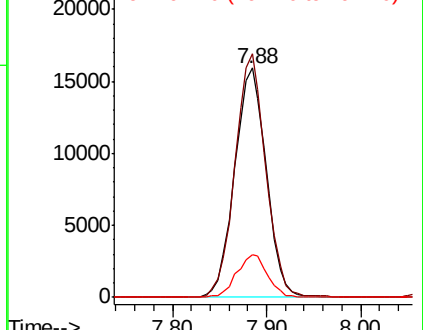
192 18.1 14.6 21.8



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: 24.036 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

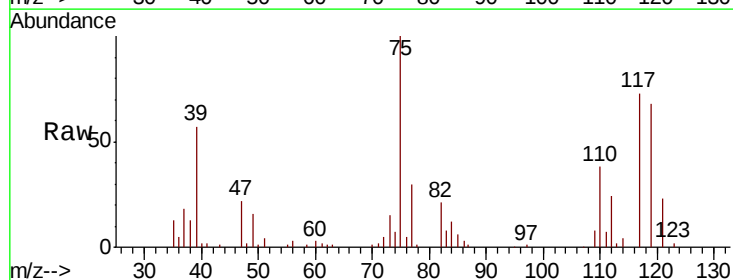
Tgt Ion: 75 Resp: 27754

Ion Ratio Lower Upper

75 100

110 35.1 18.5 55.5

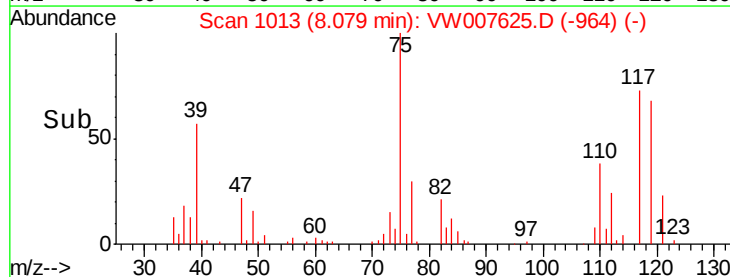
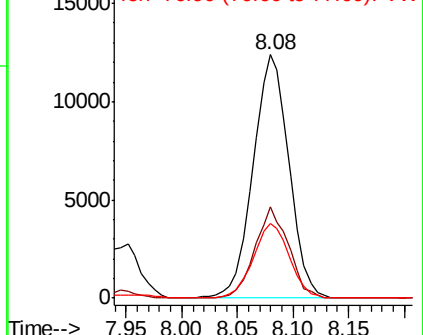
77 30.9 25.6 38.4

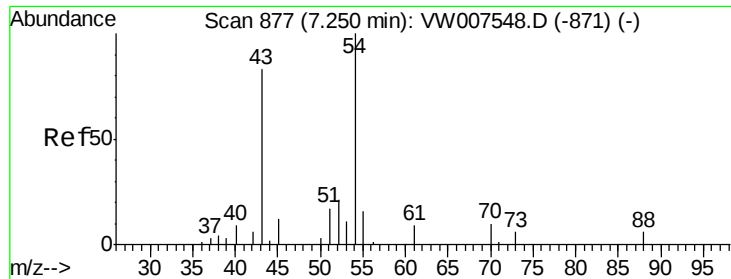


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

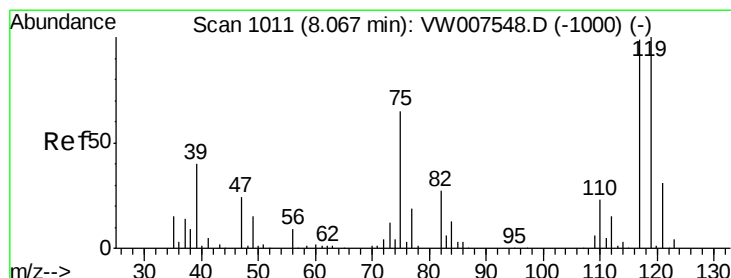
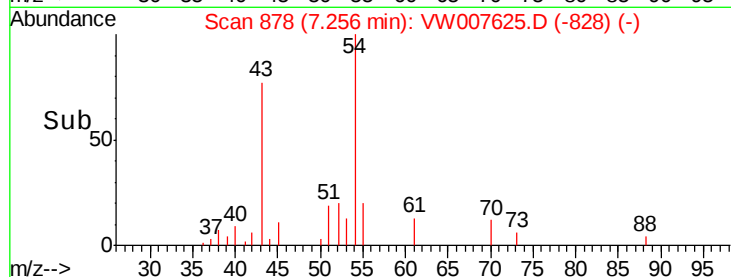
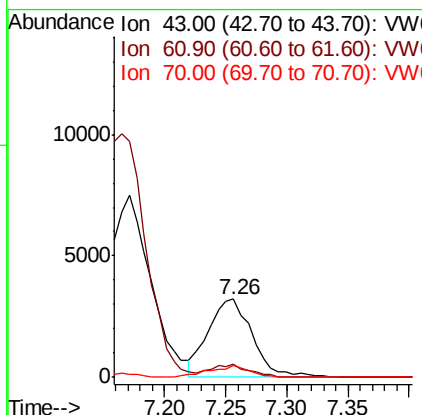
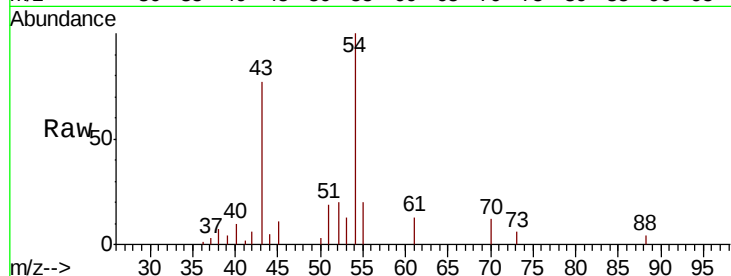




#37
Ethyl Acetate
Concen: 18.907 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

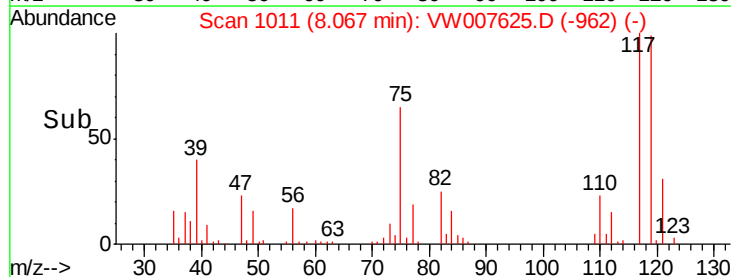
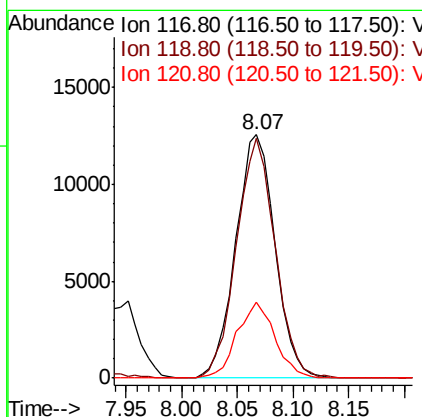
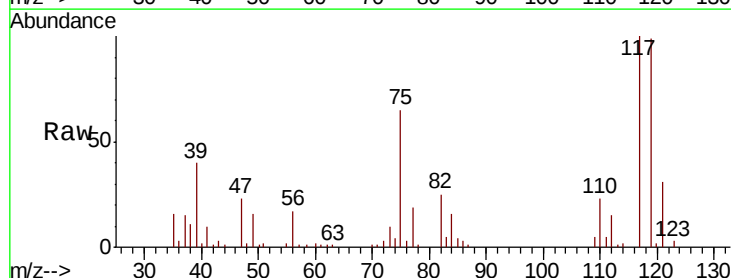
Instrument :
MSVOA_W
ClientSampled :

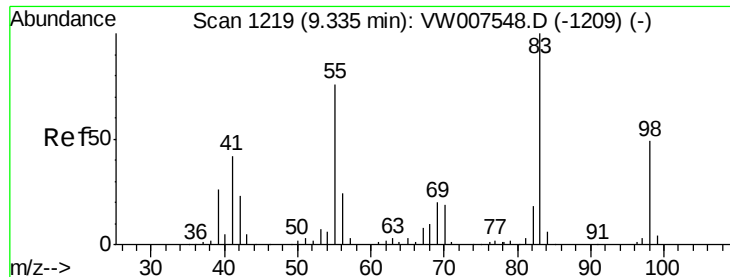
Tot Ion: 43 Resp: 8120
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 13.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 24.570 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 117 Resp: 30869
Ion Ratio Lower Upper
117 100
119 98.7 74.3 111.5
121 31.3 24.3 36.5

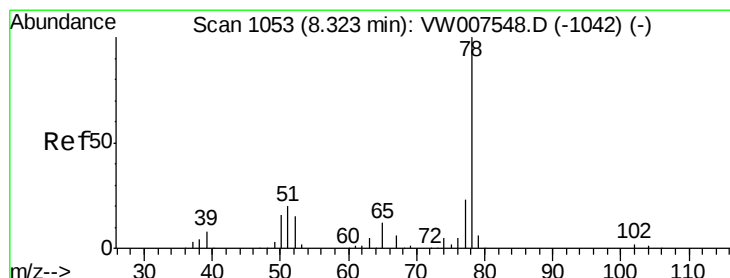
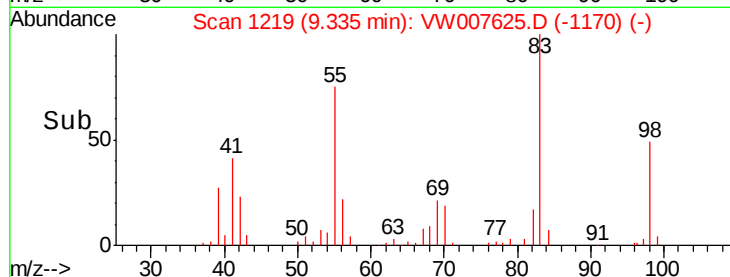
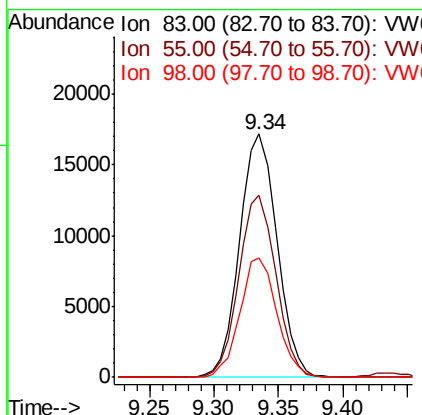
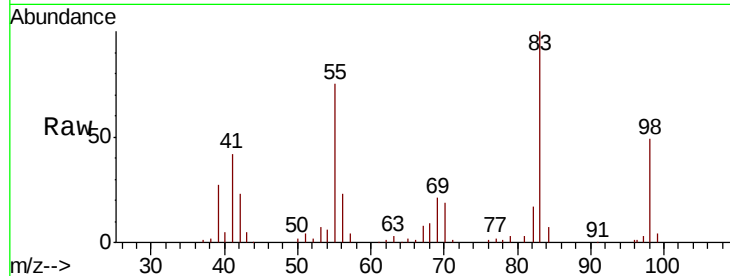




#39
Methvlcvclohexane
Concen: 24.872 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

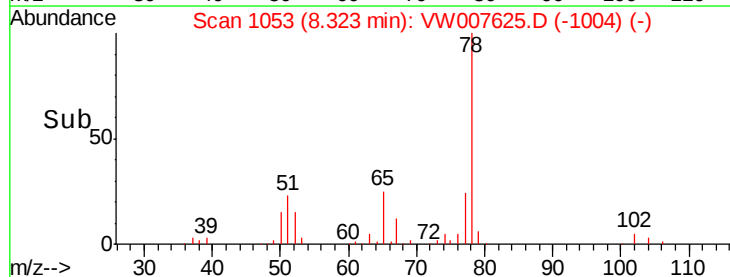
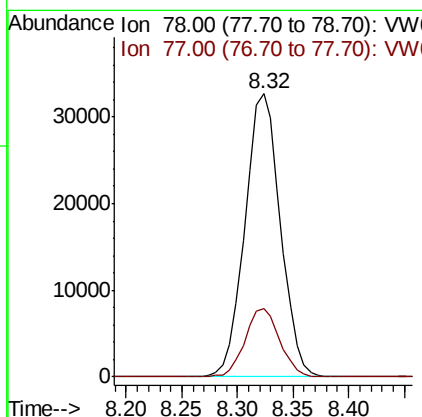
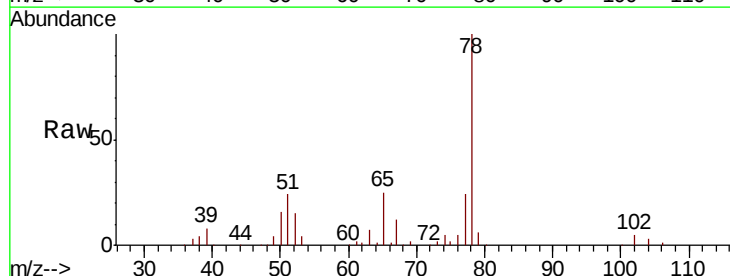
Instrument :
MSVOA_W
ClientSampled :

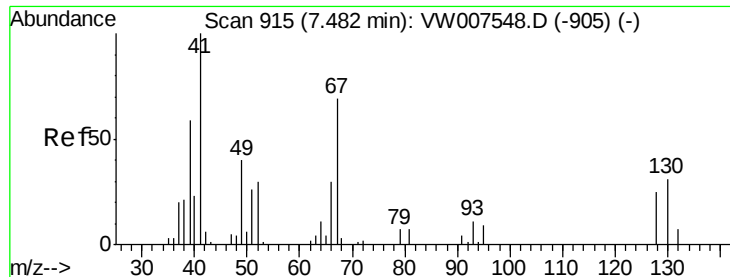
Tot Ion: 83 Resp: 34776
Ion Ratio Lower Upper
83 100
55 74.7 62.8 94.2
98 49.1 42.2 63.2



#40
Benzene
Concen: 22.549 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 78 Resp: 72257
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

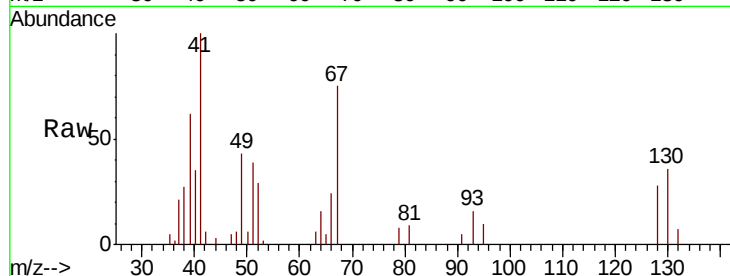




#41
Methacrylonitrile
Concen: 17.865 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.9	52.2	78.2#
67	89.4	60.5	90.7
52	39.0	25.3	37.9#



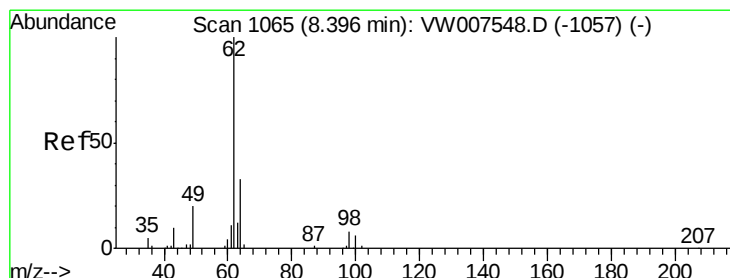
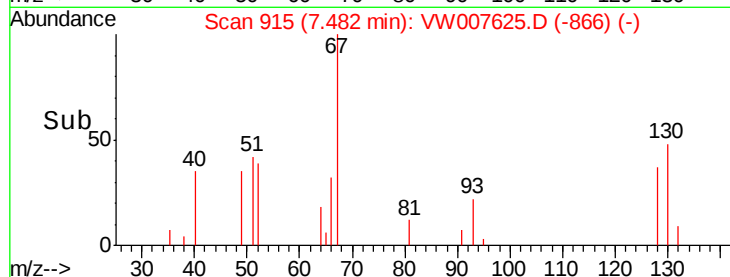
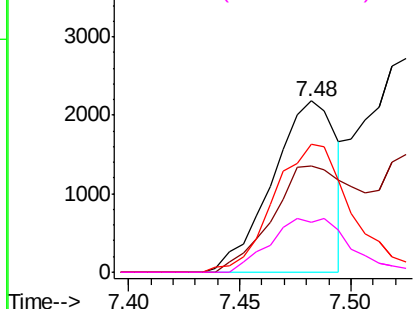
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

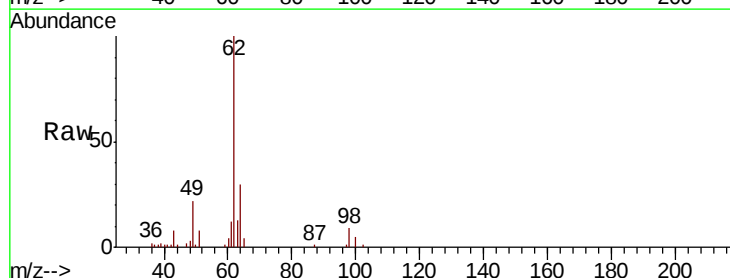
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 22.046 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

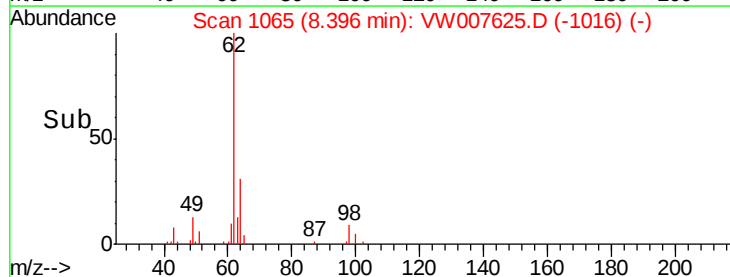
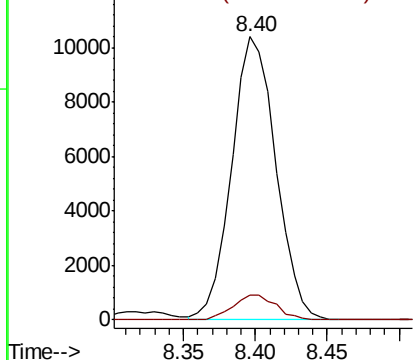
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6

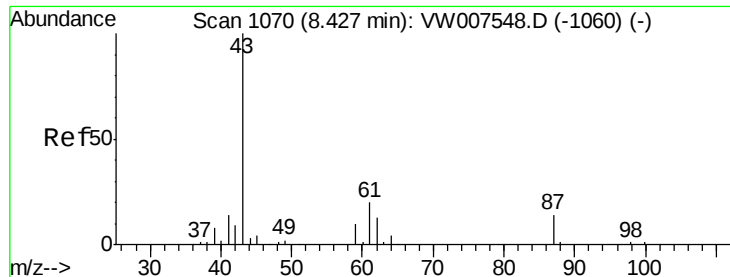


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.267 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

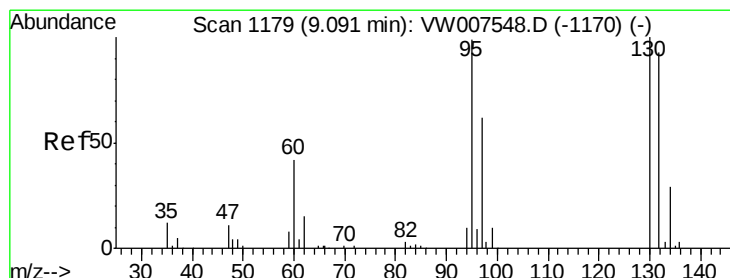
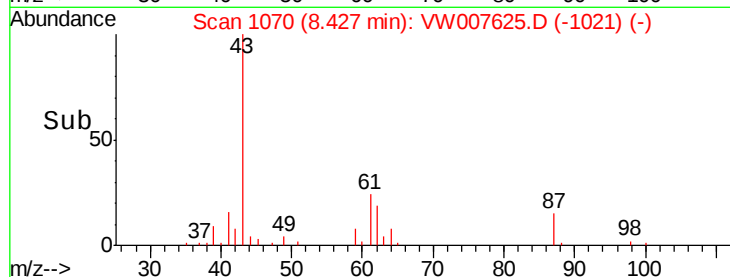
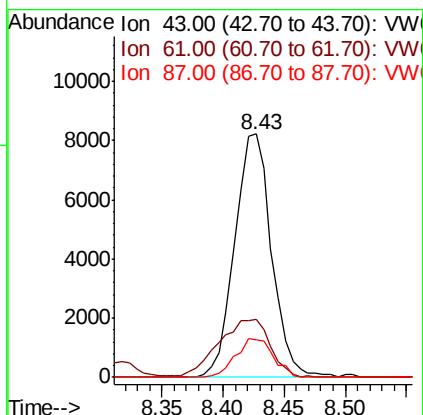
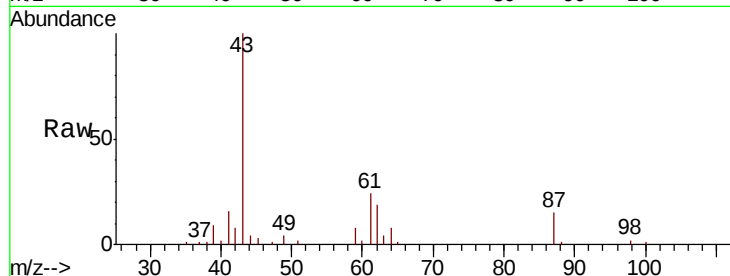
Tot Ion: 43 Resp: 17193

Ion Ratio Lower Upper

43 100

61 33.4 25.3 37.9

87 16.1 11.8 17.8



#44

Trichloroethene

Concen: 23.308 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007625.D

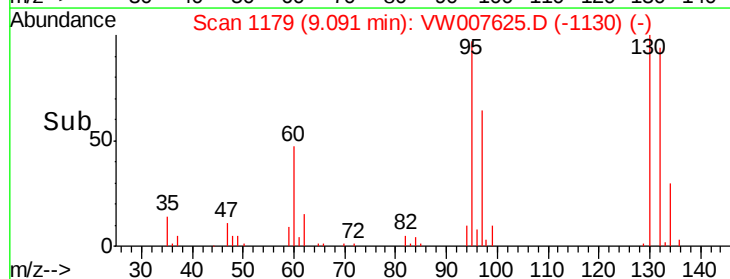
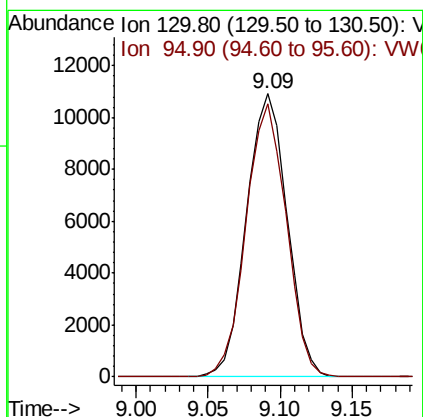
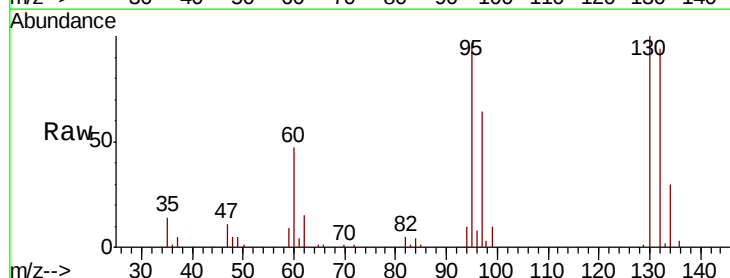
Acq: 17 Dec 2018 12:31

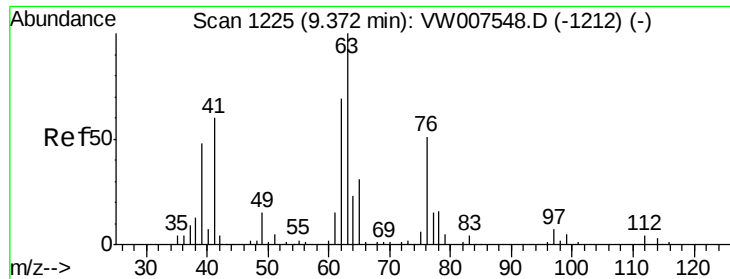
Tgt Ion: 130 Resp: 21328

Ion Ratio Lower Upper

130 100

95 96.5 0.0 193.2

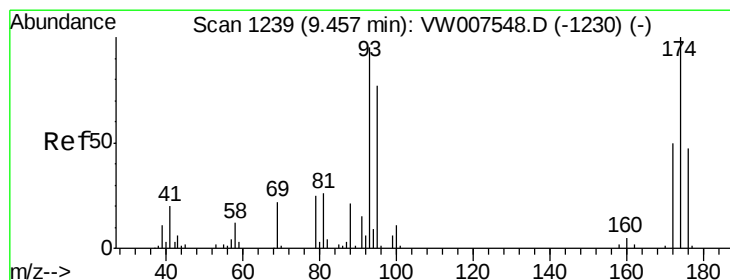
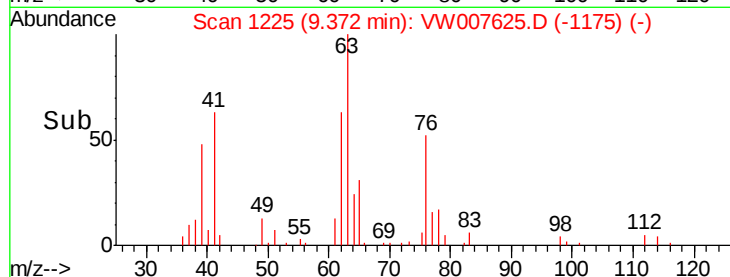
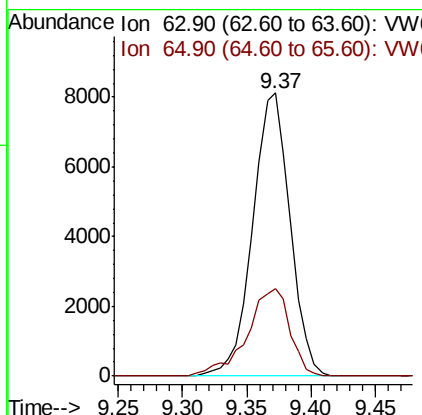
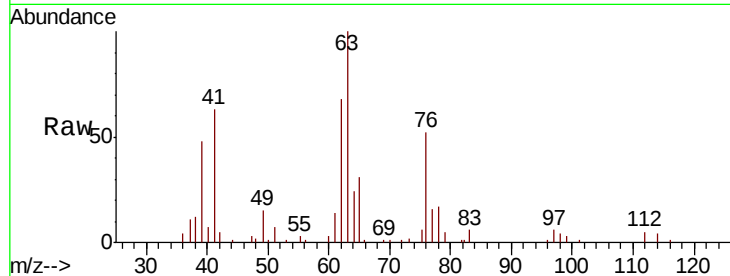




#45
 1,2-Dichloropropane
 Concen: 21.954 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

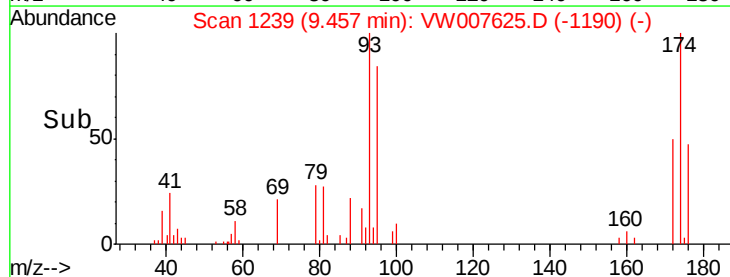
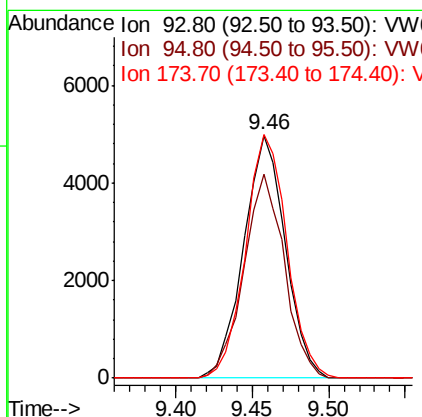
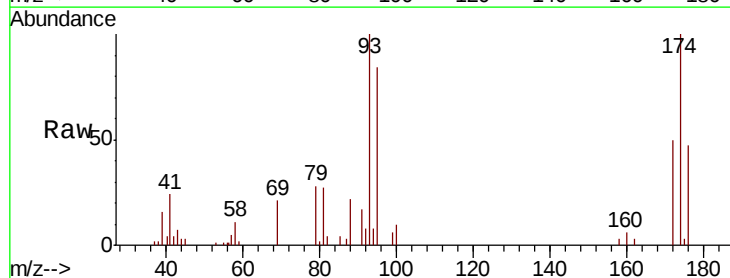
Instrument :
 MSVOA_W
 ClientSampled :

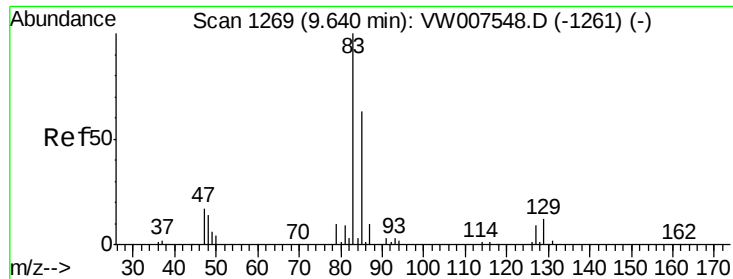
Tot Ion: 63 Resp: 16280
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.4 36.6



#46
 Dibromomethane
 Concen: 22.308 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 93 Resp: 9394
 Ion Ratio Lower Upper
 93 100
 95 81.9 68.0 102.0
 174 100.0 83.2 124.8

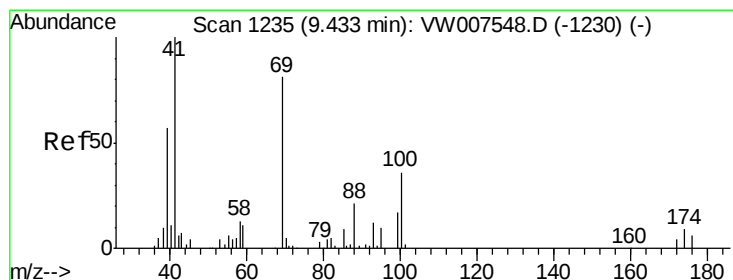
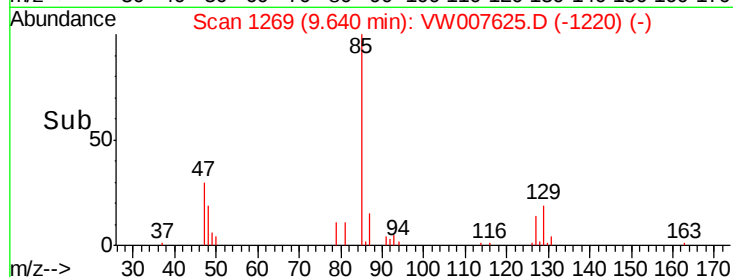
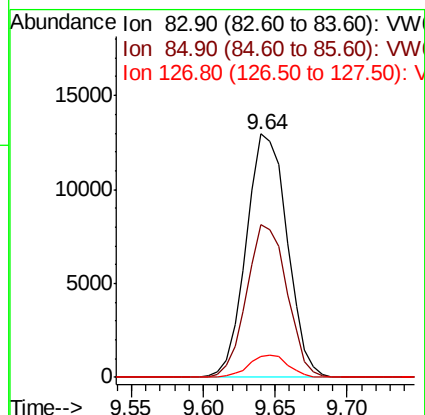
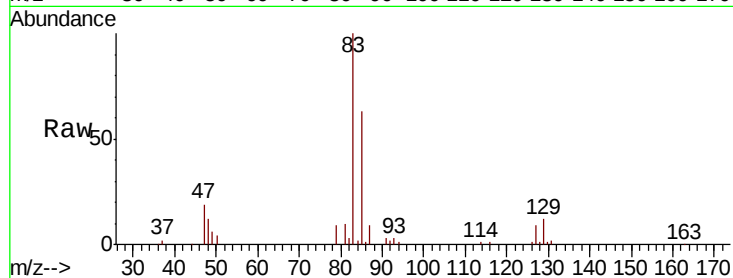




#47
Bromodichloromethane
Concen: 23.116 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

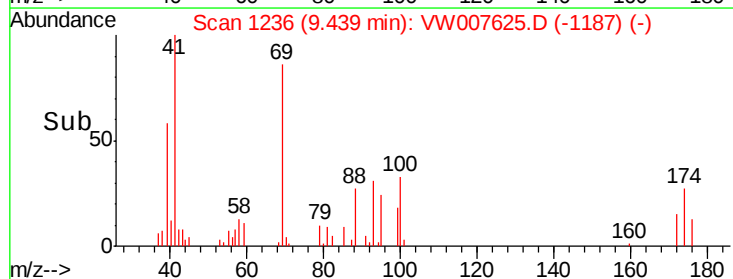
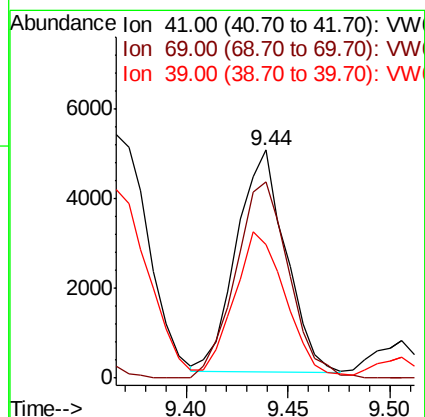
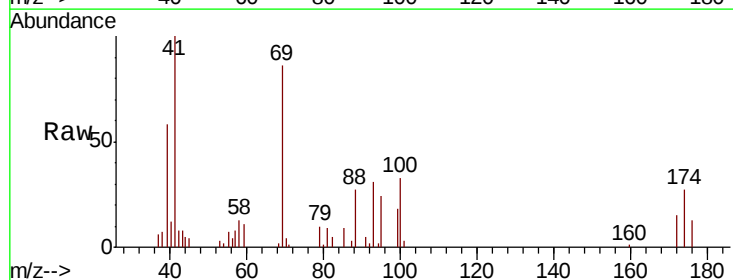
Instrument :
MSVOA_W
ClientSampleId :

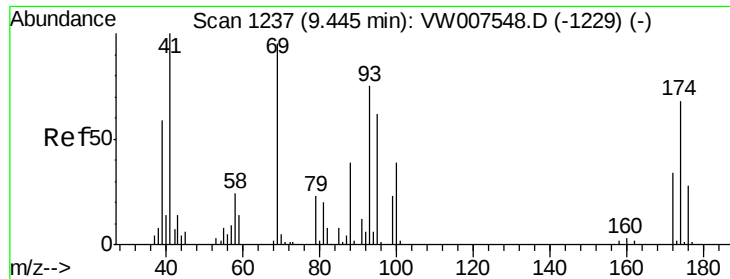
Tot Ion: 83 Resp: 25533
Ion Ratio Lower Upper
83 100
85 62.7 47.6 71.4
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 19.149 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 41 Resp: 8343
Ion Ratio Lower Upper
41 100
69 95.1 69.8 104.8
39 65.3 50.9 76.3

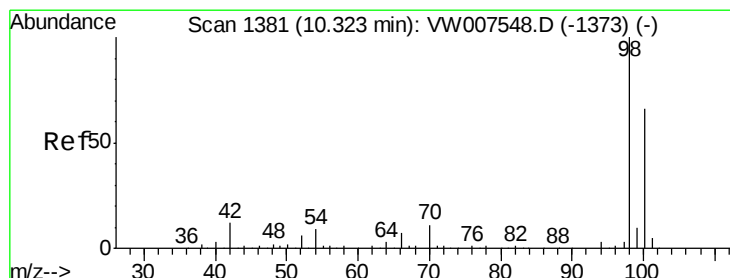
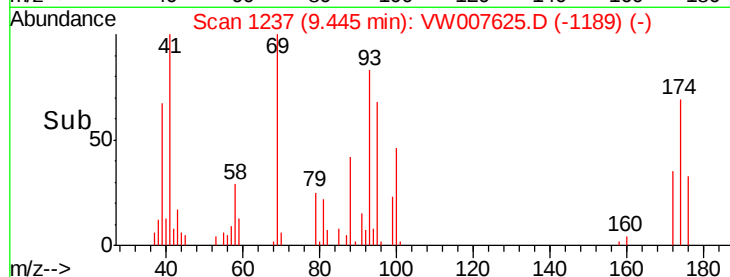
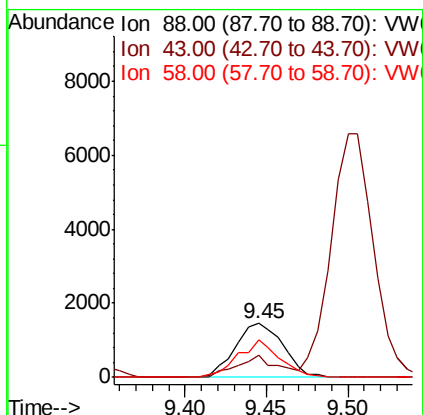
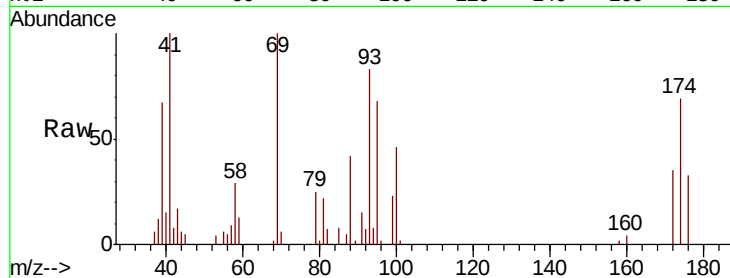




#49
 1,4-Dioxane
 Concen: 435.401 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

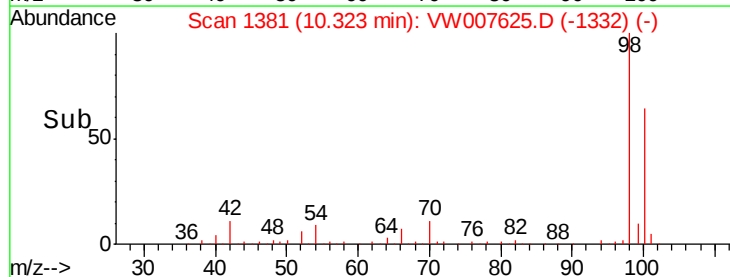
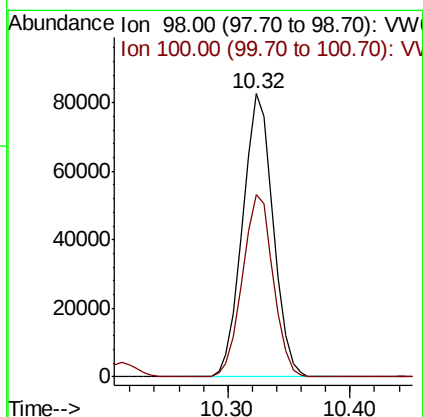
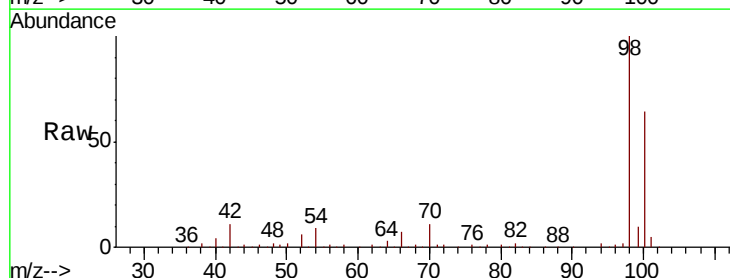
Instrument :
 MSVOA_W
 ClientSampleId :

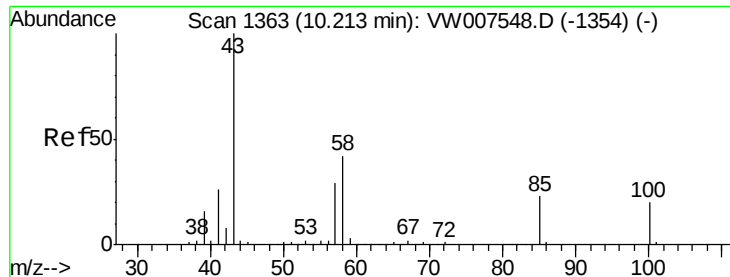
Tot Ion: 88 Resp: 2975
 Ion Ratio Lower Upper
 88 100
 43 34.7 25.0 37.4
 58 61.1 51.4 77.2



#50
 Toluene-d8
 Concen: 49.838 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 98 Resp: 143179
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 100.207 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

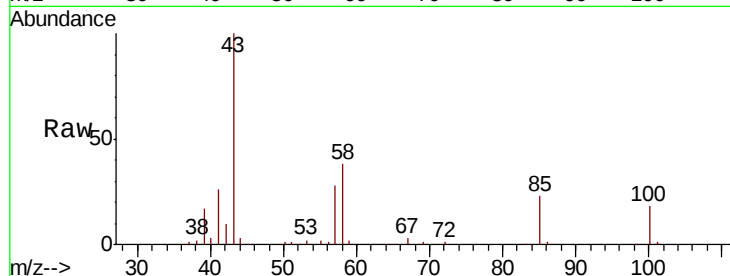
ClientSampled :

Tot Ion: 43 Resp: 40166

Ion Ratio Lower Upper

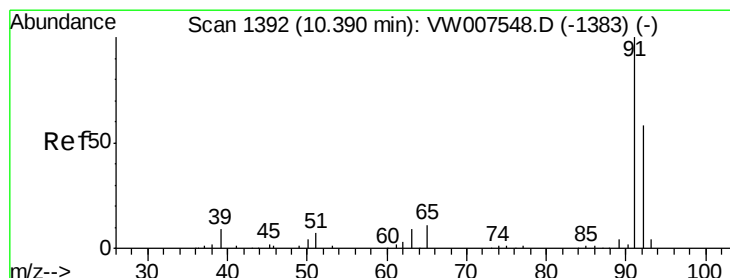
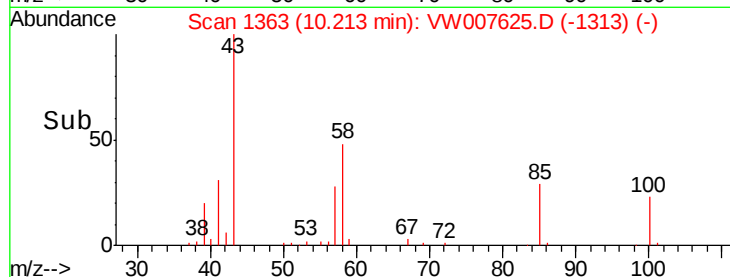
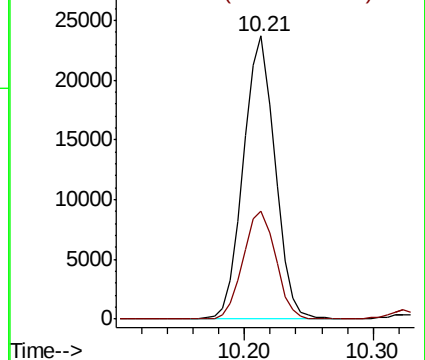
43 100

58 39.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 23.205 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007625.D

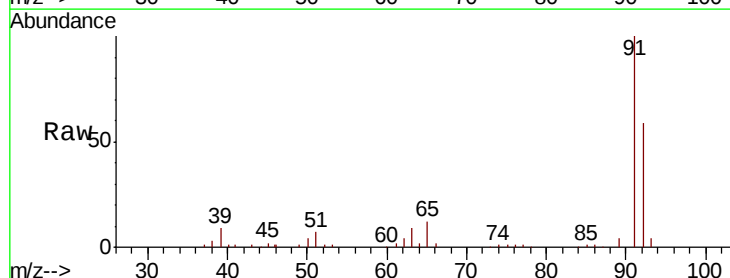
Acq: 17 Dec 2018 12:31

Tgt Ion: 92 Resp: 48120

Ion Ratio Lower Upper

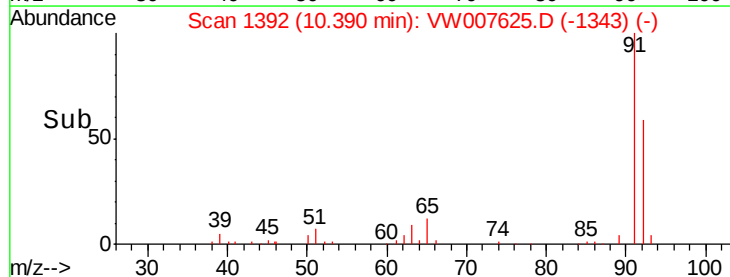
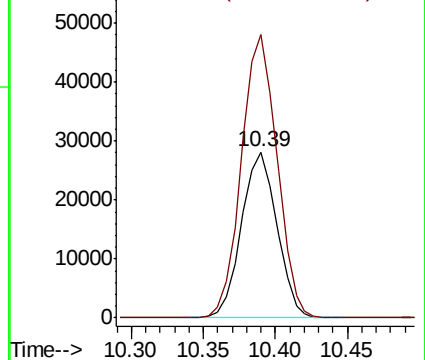
92 100

91 171.5 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 22.735 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

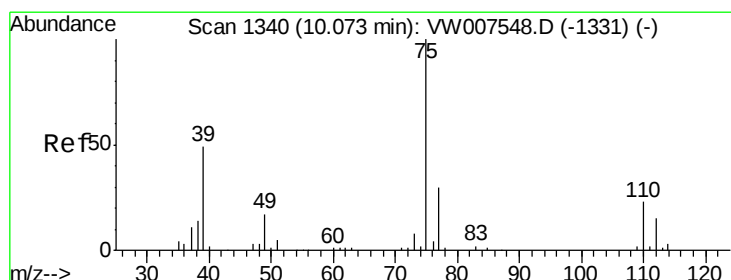
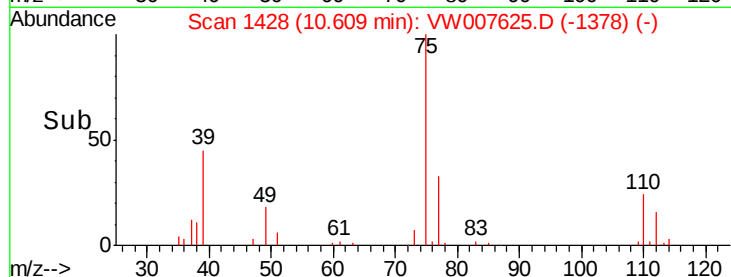
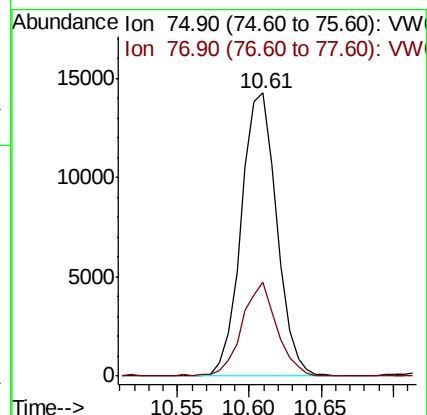
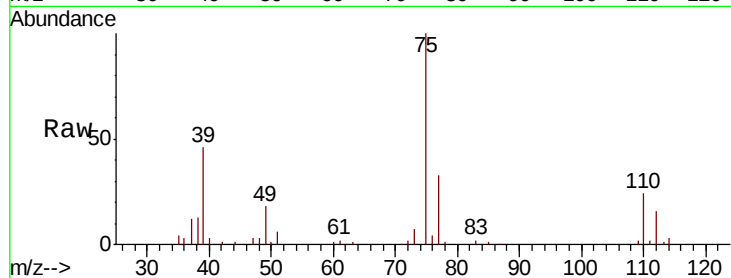
ClientSampleId :

Tot Ion: 75 Resp: 24380

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 22.694 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

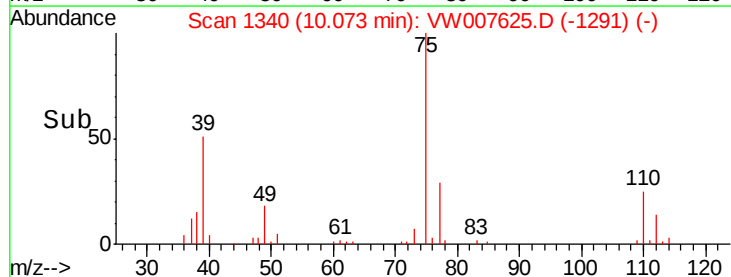
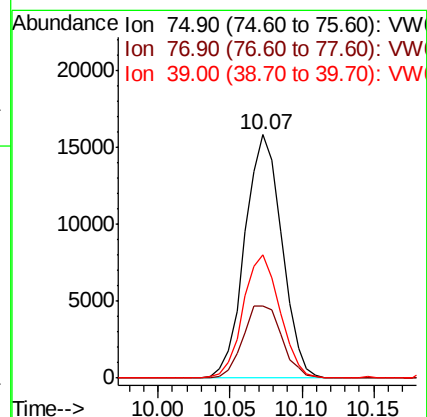
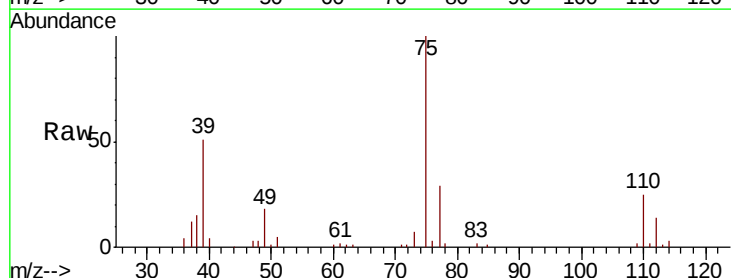
Tgt Ion: 75 Resp: 28133

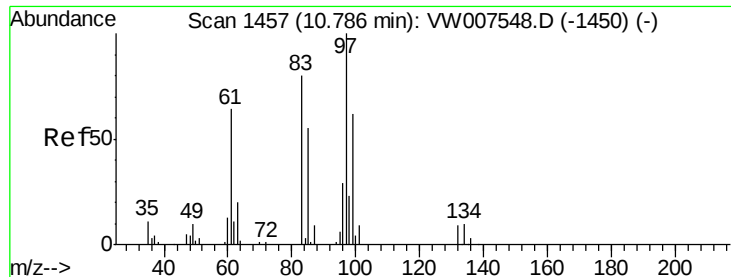
Ion Ratio Lower Upper

75 100

77 29.4 24.8 37.2

39 50.5 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 21.934 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 12571

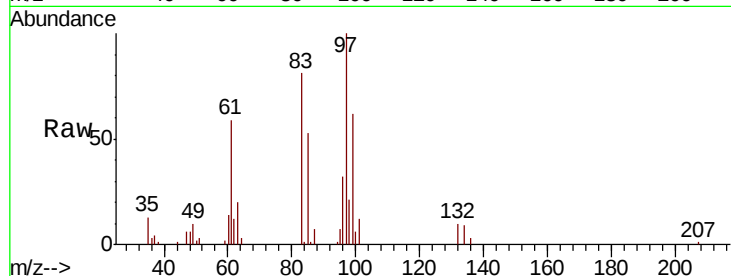
Ion Ratio Lower Upper

97 100

83 80.6 62.1 93.1

85 52.6 44.2 66.4

99 61.6 50.2 75.4



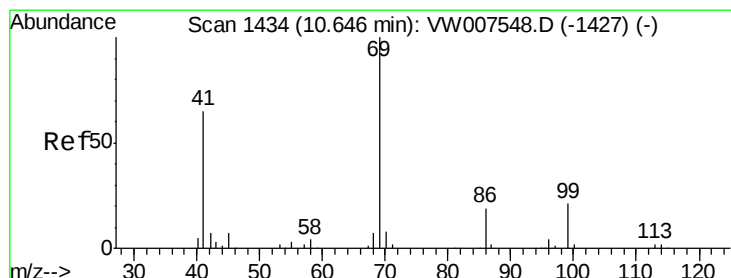
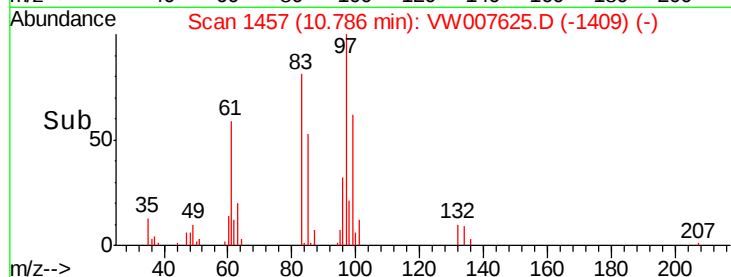
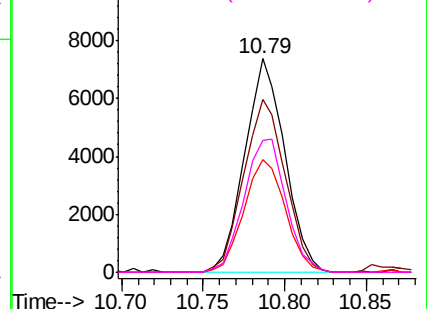
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 21.065 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

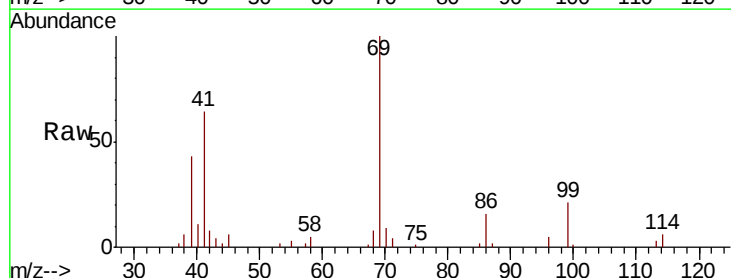
Tgt Ion: 69 Resp: 14511

Ion Ratio Lower Upper

69 100

41 64.1 51.0 76.6

39 34.2 30.8 46.2

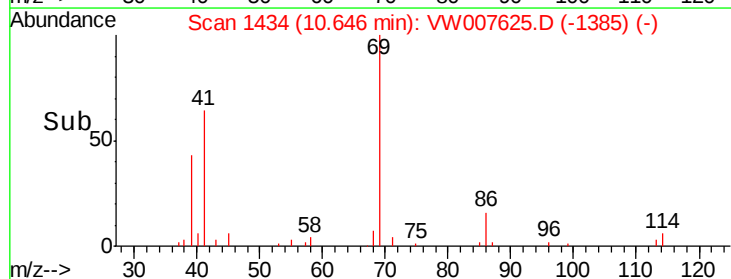
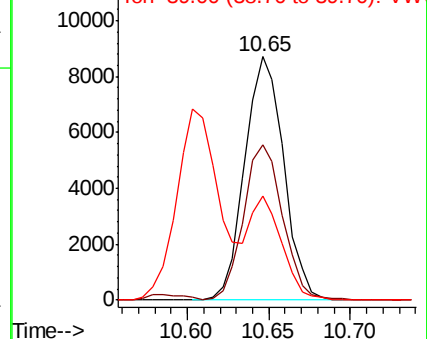


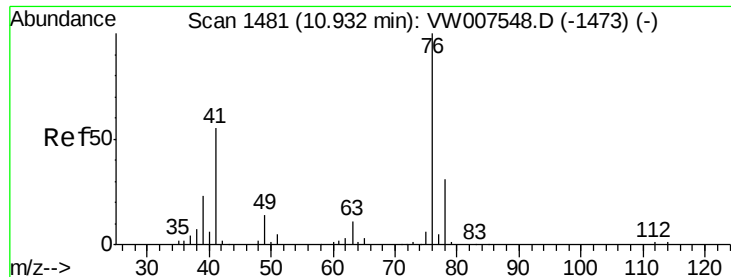
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

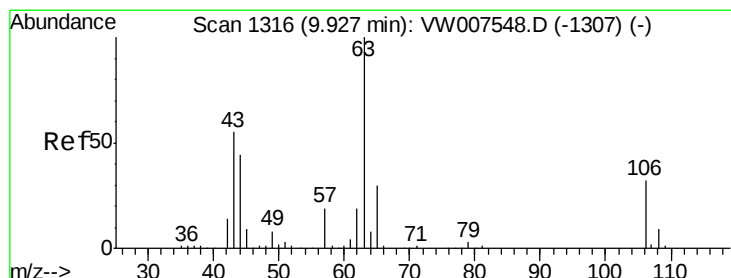
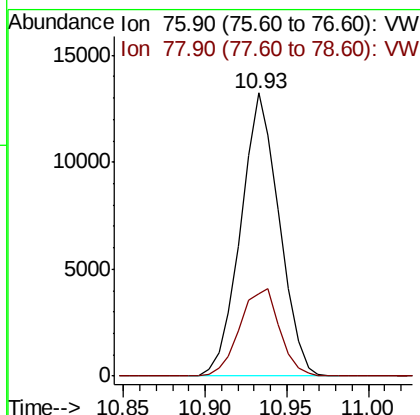
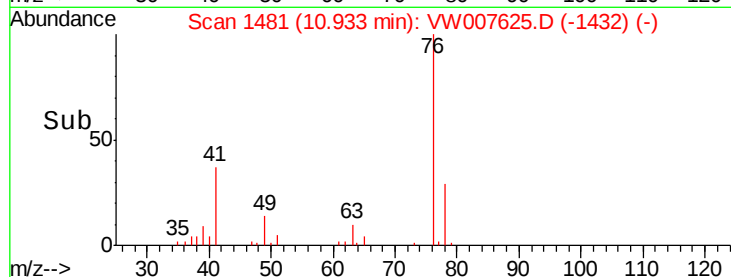
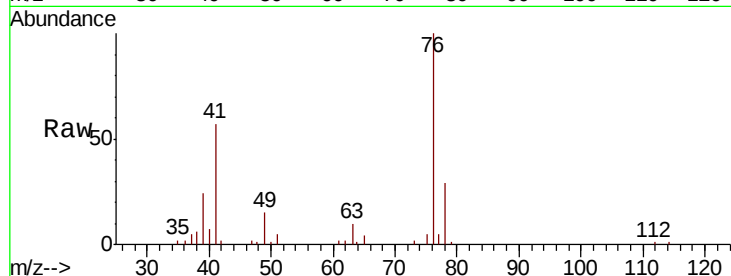




#57
 1,3-Dichloropropane
 Concen: 23.007 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

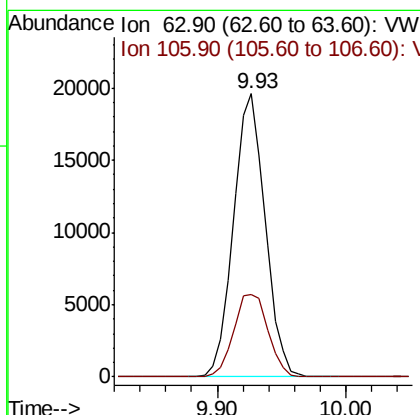
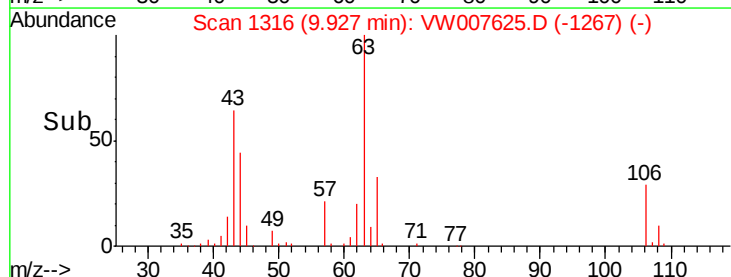
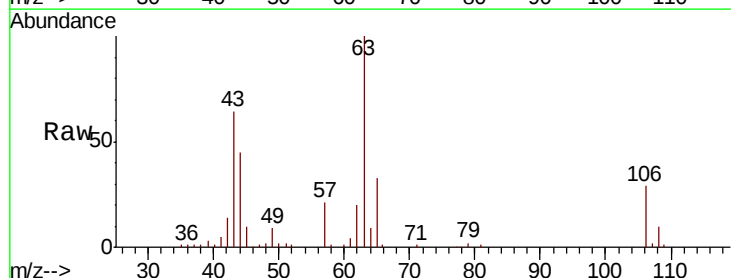
Instrument :
 MSVOA_W
 ClientSampled :

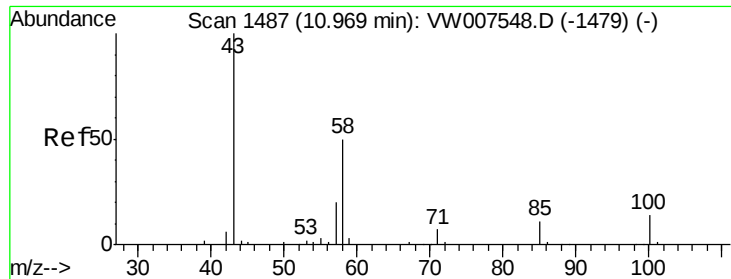
Tot Ion: 76 Resp: 21643
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.233 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 63 Resp: 33430
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.0 37.6

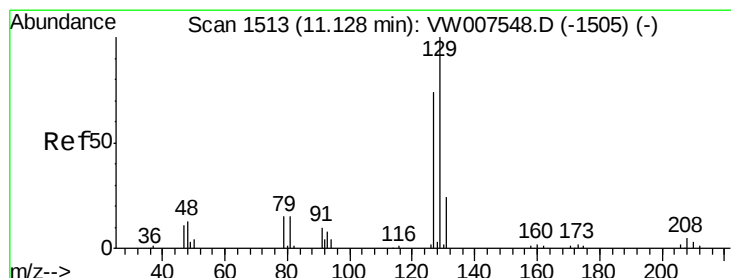
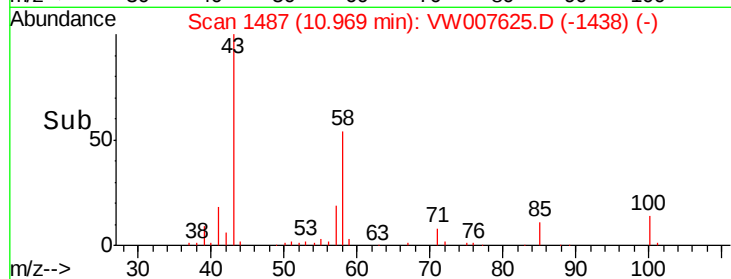
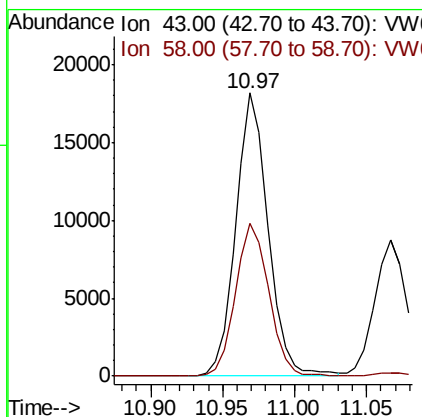
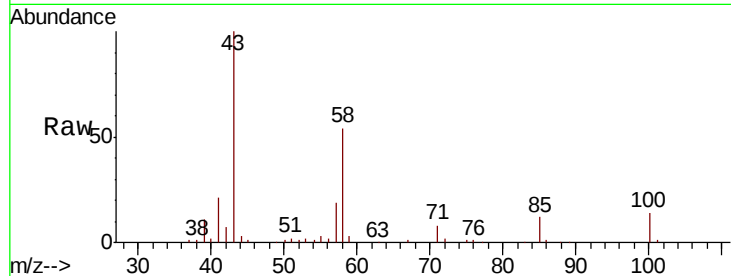




#59
2-Hexanone
Concen: 106.116 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

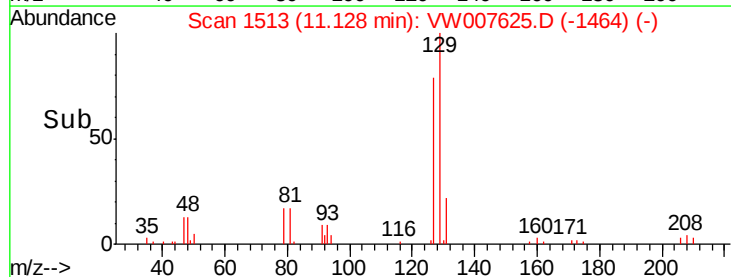
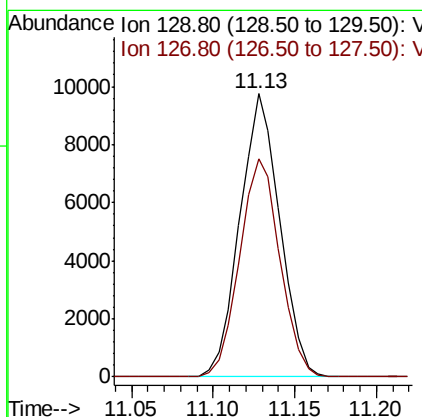
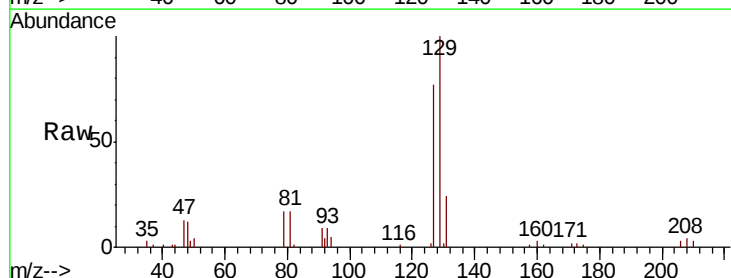
Instrument :
MSVOA_W
ClientSampled :

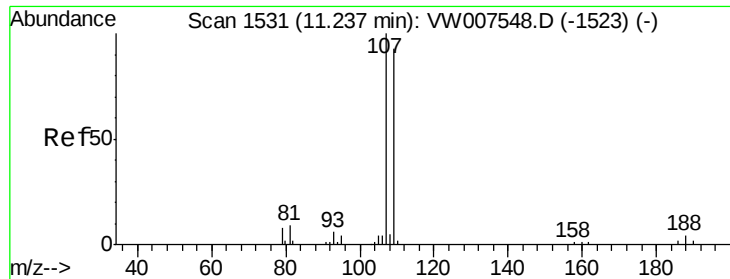
Tot Ion: 43 Resp: 28362
Ion Ratio Lower Upper
43 100
58 55.5 27.1 81.3



#60
Dibromochloromethane
Concen: 22.884 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:129 Resp: 16552
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3

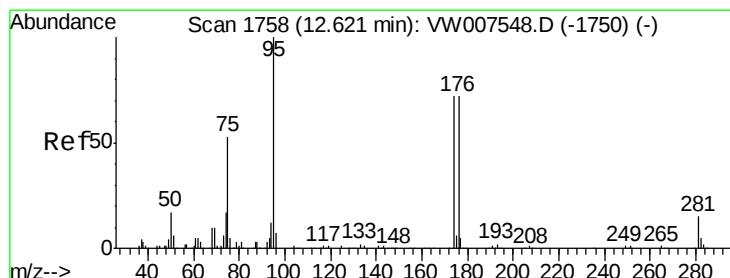
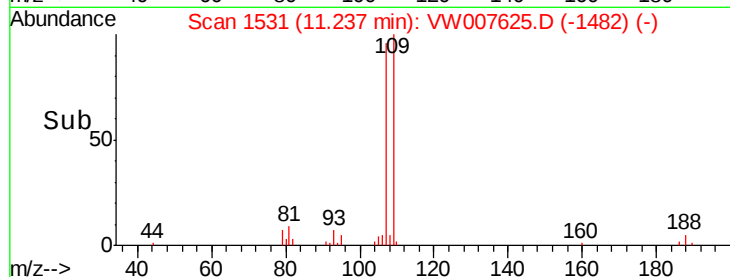
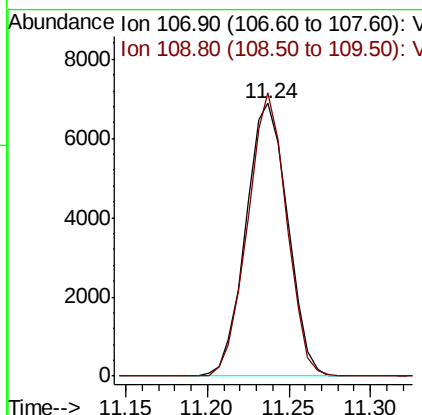
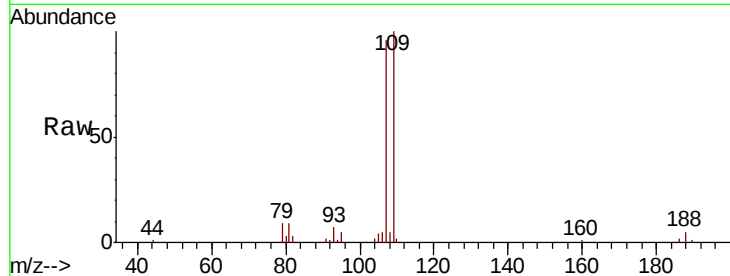




#61
1,2-Dibromoethane
Concen: 21.718 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

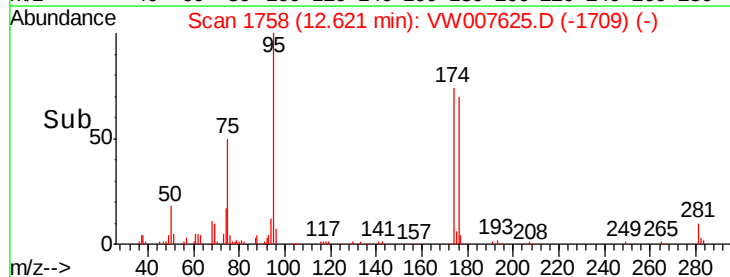
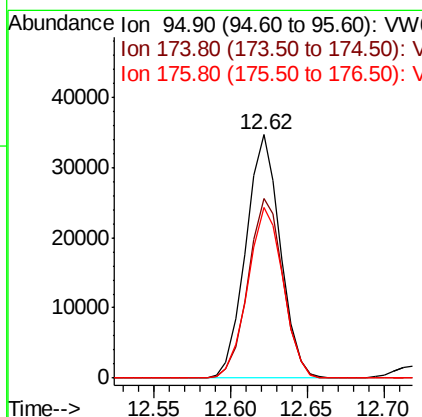
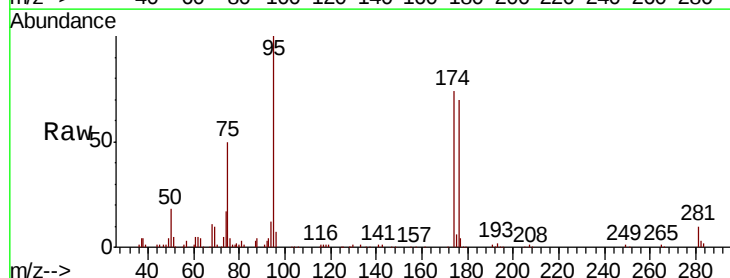
Instrument :
MSVOA_W
ClientSampleId :

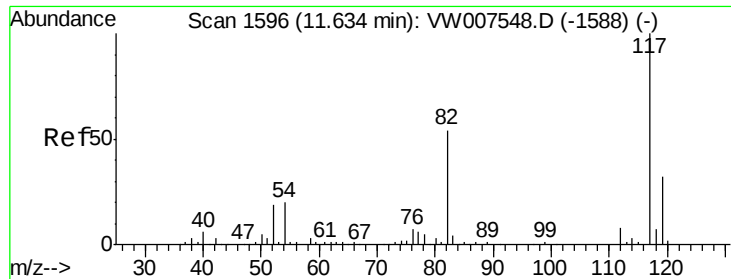
Tot Ion:107 Resp: 12301
Ion Ratio Lower Upper
107 100
109 96.7 79.1 118.7



#62
4-Bromofluorobenzene
Concen: 51.353 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 95 Resp: 54243
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.2
176 72.2 0.0 138.8

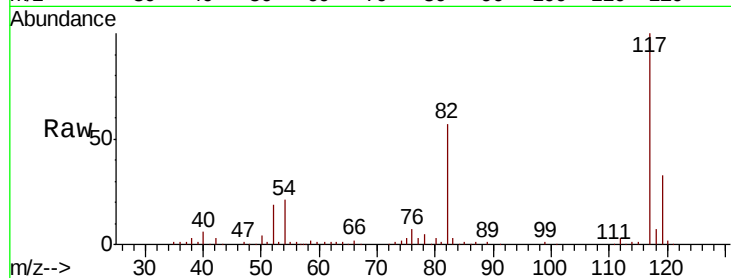




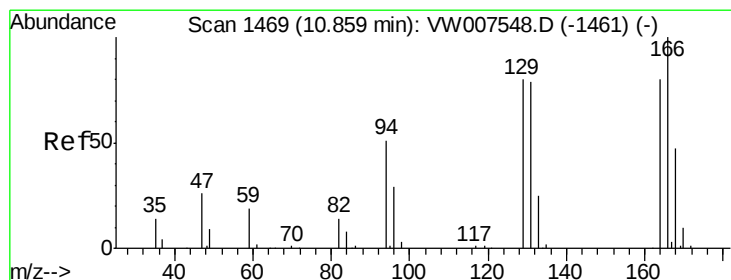
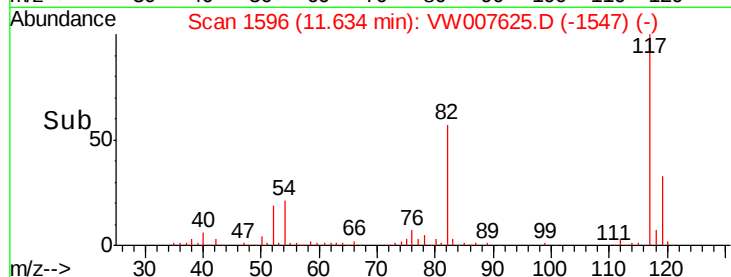
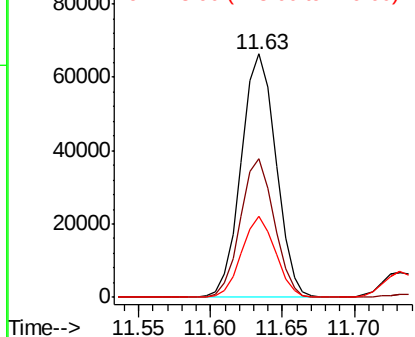
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 111266
Ion Ratio Lower Upper
117 100
82 57.0 42.3 63.5
119 33.4 23.0 34.6

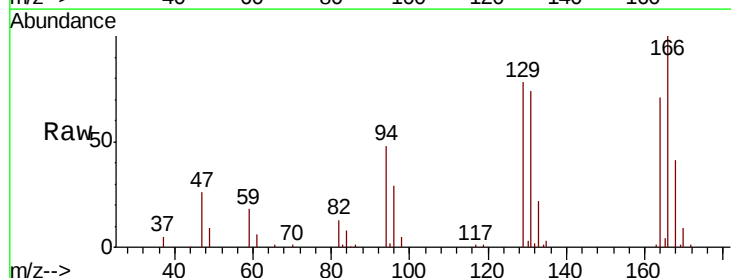


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

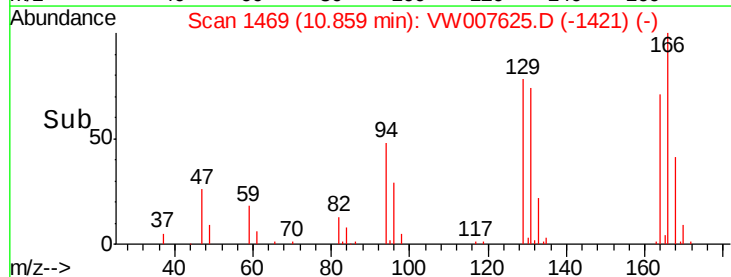
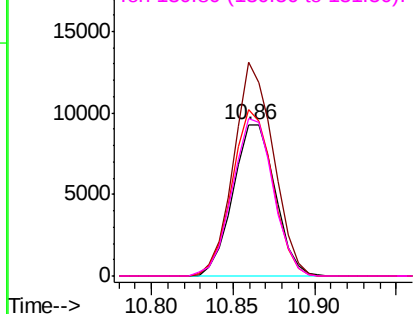


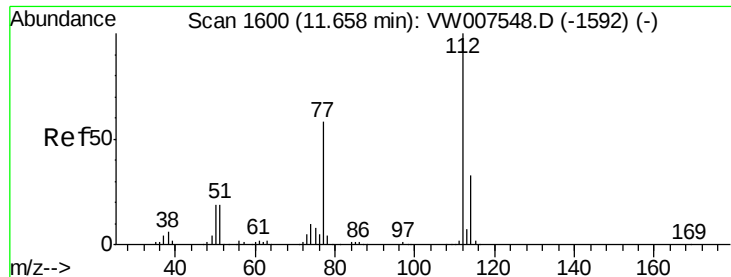
#64
Tetrachloroethene
Concen: 20.915 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:164 Resp: 16735
Ion Ratio Lower Upper
164 100
166 140.9 107.9 161.9
129 109.9 73.4 110.2
131 104.0 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

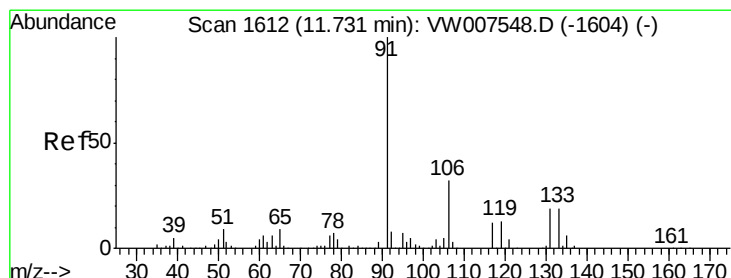
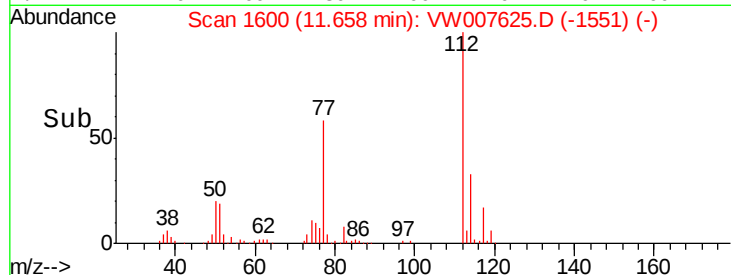
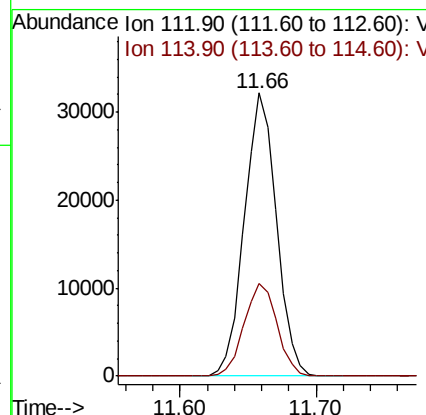
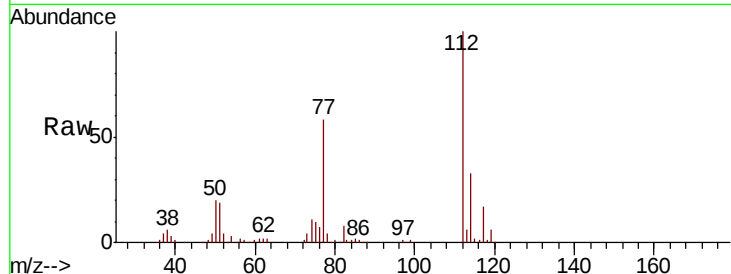




#65
Chlorobenzene
Concen: 22.864 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

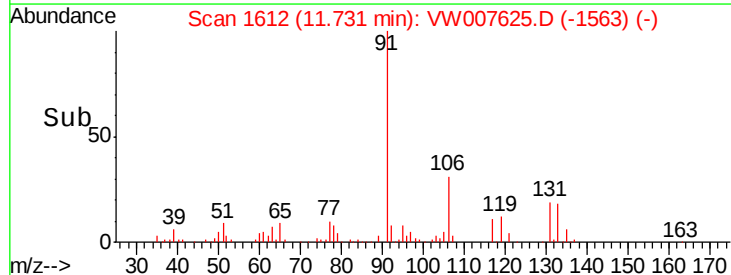
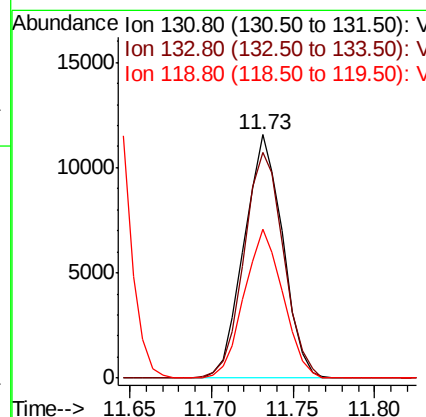
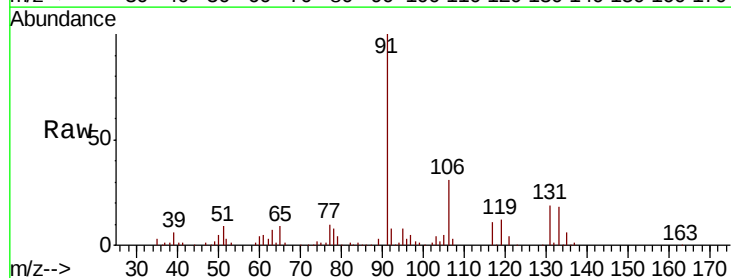
Instrument :
MSVOA_W
ClientSampleId :

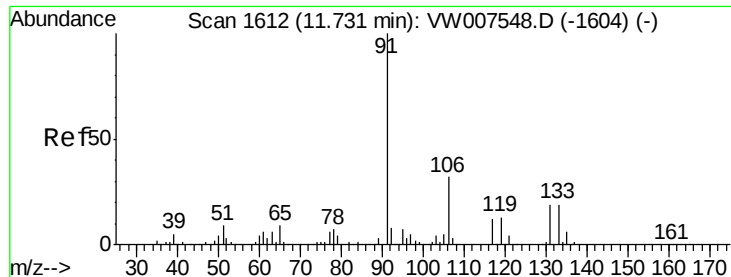
Tot Ion:112 Resp: 53025
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.303 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:131 Resp: 19034
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 61.6 31.3 93.9

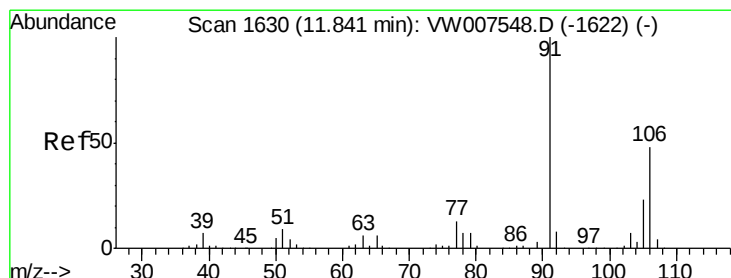
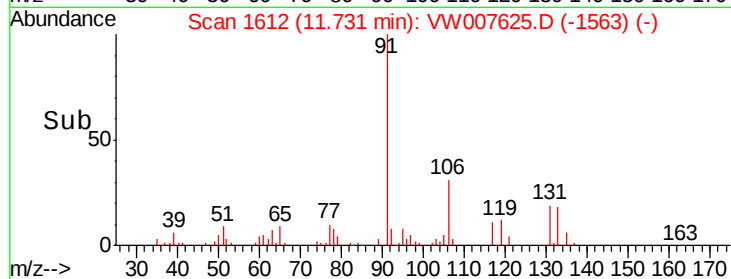
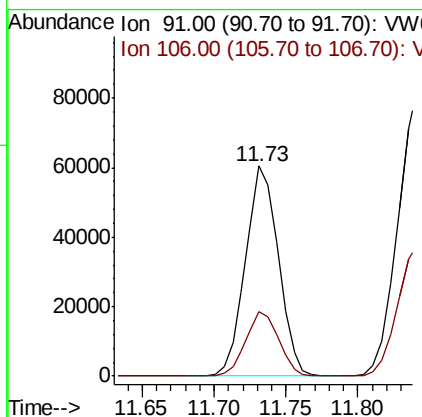
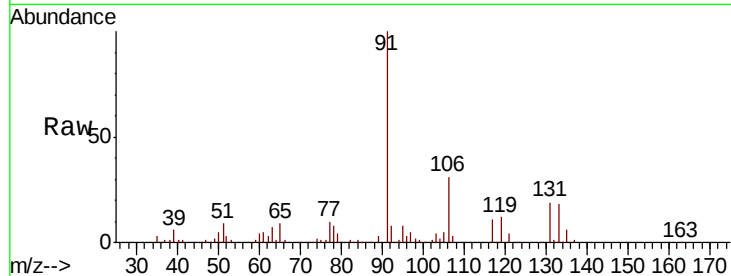




#67
Ethyl Benzene
Concen: 23.927 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

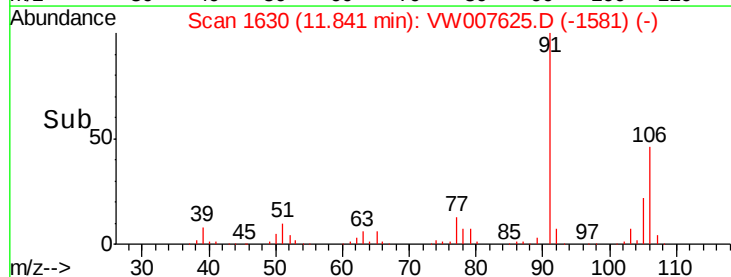
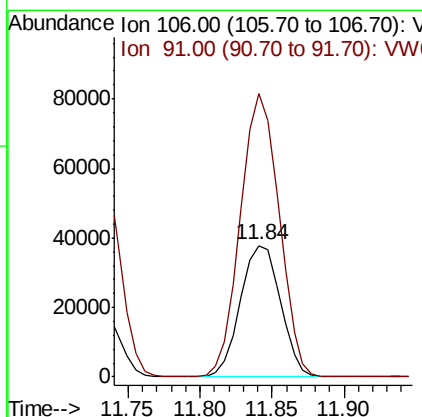
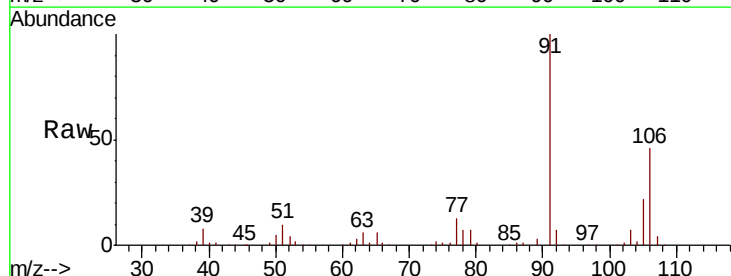
Instrument :
MSVOA_W
ClientSampleId :

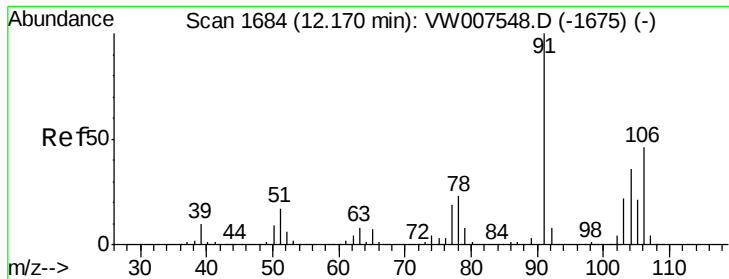
Tot Ion: 91 Resp: 95404
Ion Ratio Lower Upper
91 100
106 30.5 21.8 32.8



#68
m/p-Xylenes
Concen: 47.026 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:106 Resp: 72894
Ion Ratio Lower Upper
106 100
91 209.9 165.3 247.9

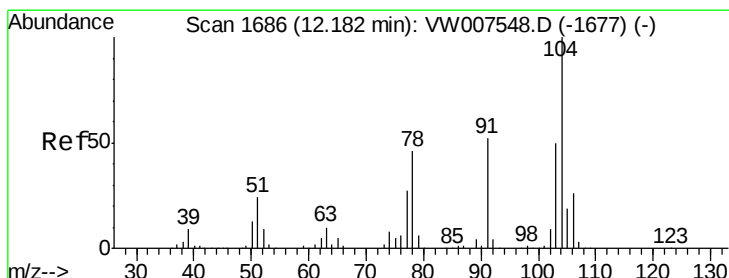
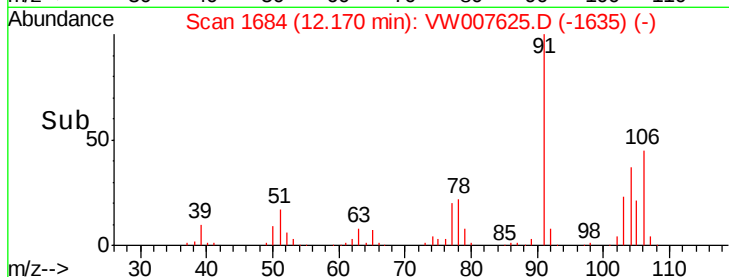
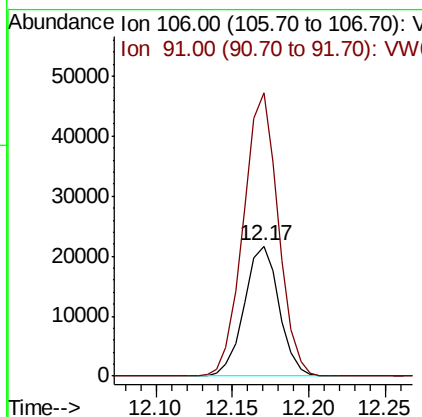
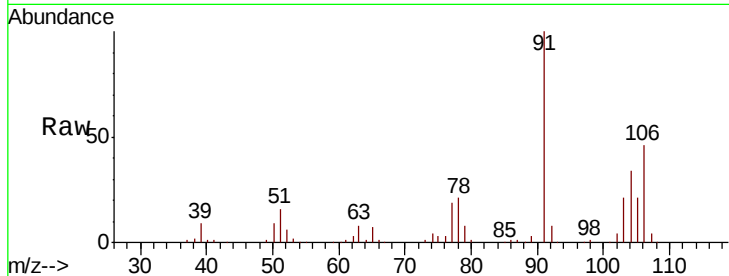




#69
o-Xylene
Concen: 23.668 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

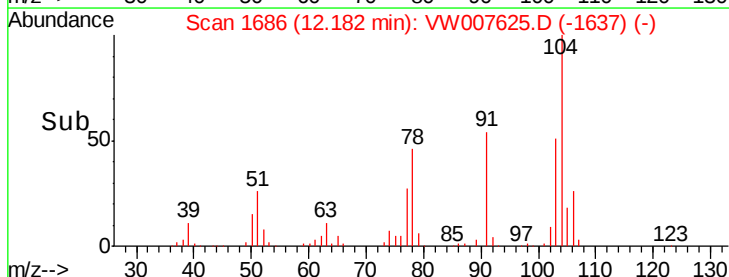
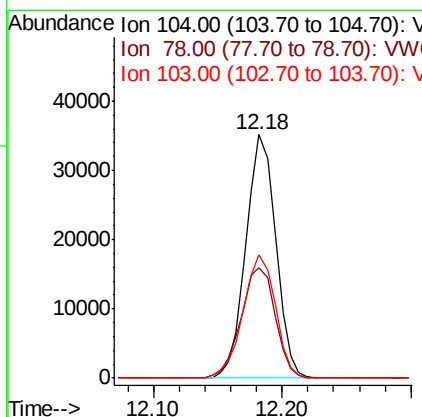
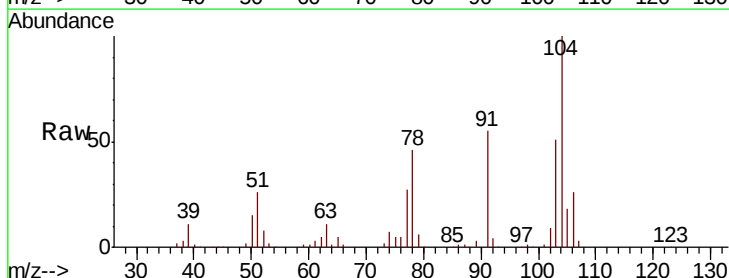
Instrument :
MSVOA_W
ClientSampled :

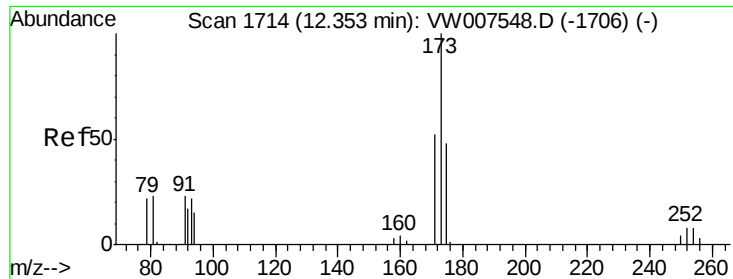
Tot Ion:106 Resp: 34263
Ion Ratio Lower Upper
106 100
91 218.1 106.6 319.8



#70
Styrene
Concen: 24.146 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:104 Resp: 56460
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 54.9 46.6 69.8

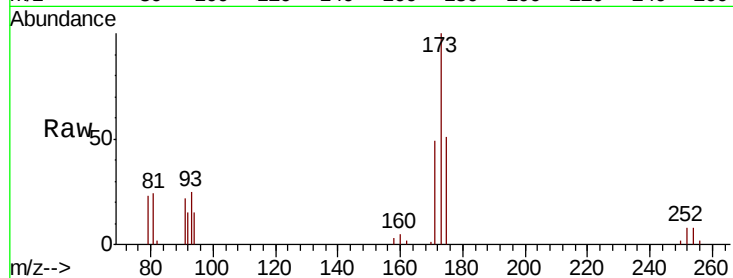




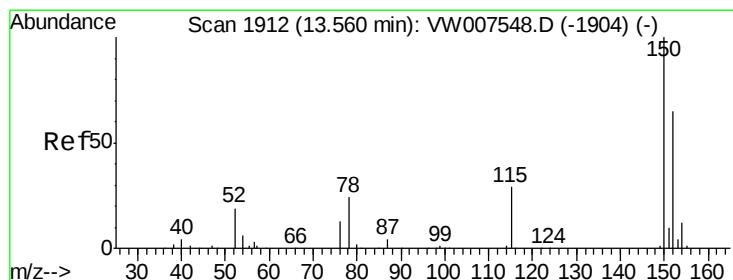
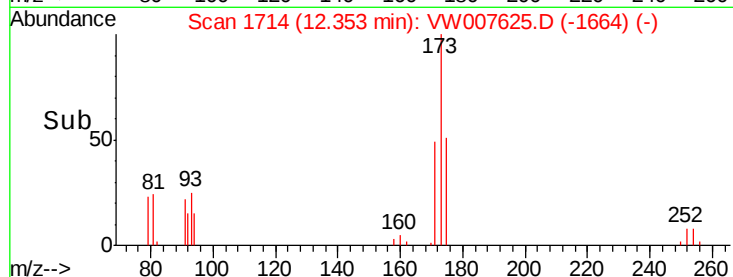
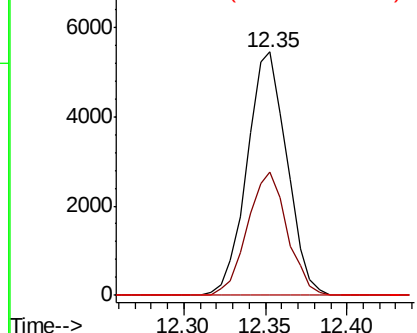
#71
Bromoform
Concen: 22.190 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 9277
Ion Ratio Lower Upper
173 100
175 50.2 23.6 70.8
254 0.0 0.0 0.0

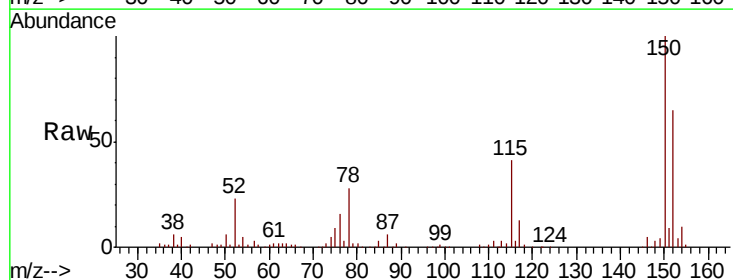


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

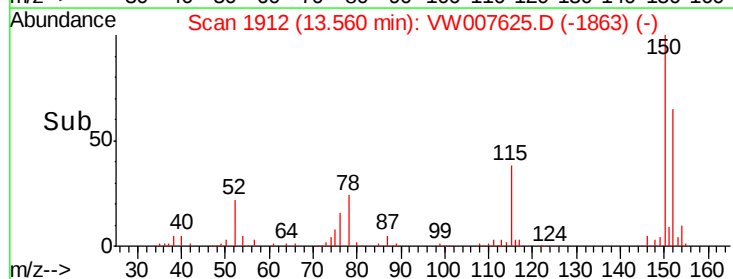
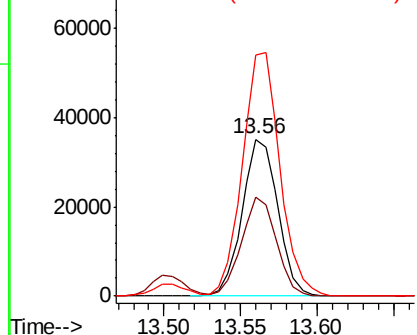


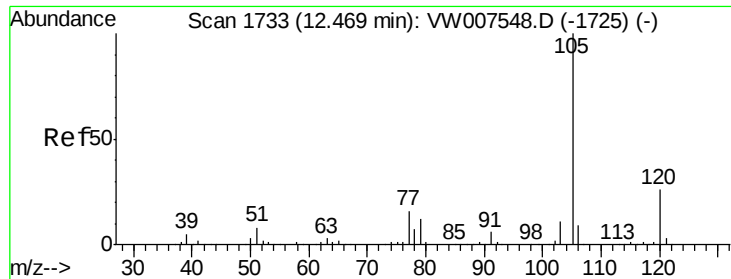
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:152 Resp: 56749
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.2
150 163.5 0.0 358.4



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: 22.888 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

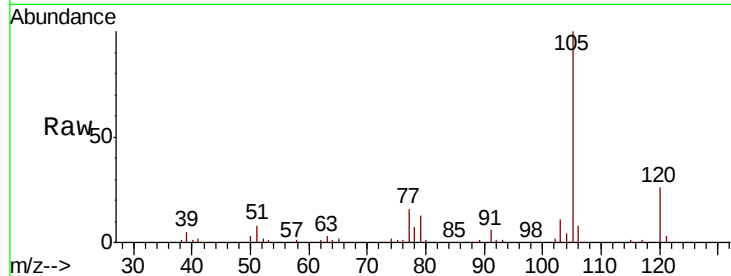
ClientSampleId :

Tot Ion:105 Resp: 99526

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

60000

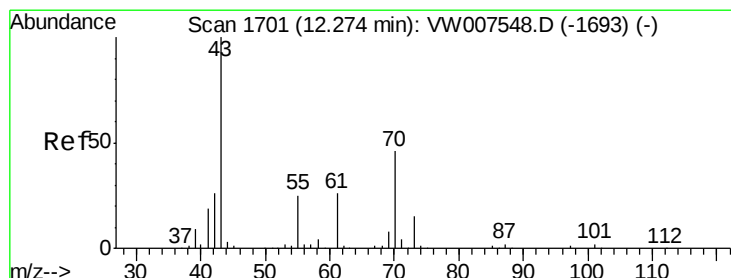
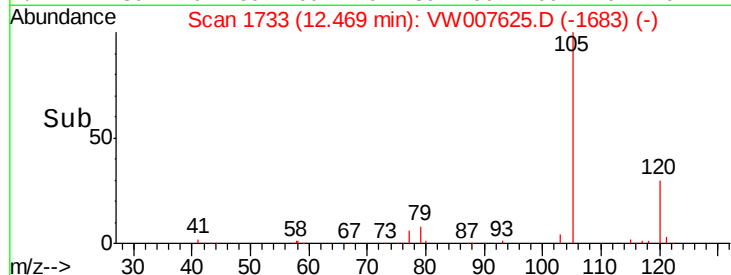
40000

20000

0

Time-->

12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 20.168 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Tgt Ion: 43 Resp: 15938

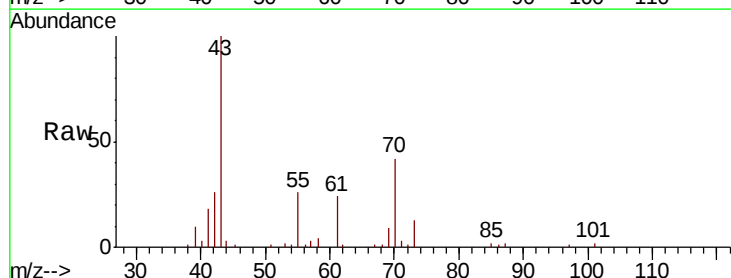
Ion Ratio Lower Upper

43 100

70 42.9 36.5 54.7

55 25.1 20.1 30.1

61 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

15000

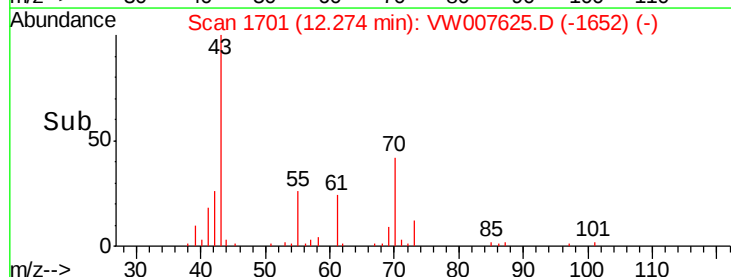
10000

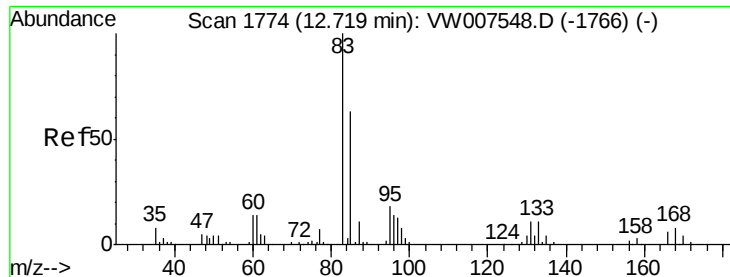
5000

0

Time-->

12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 21.351 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

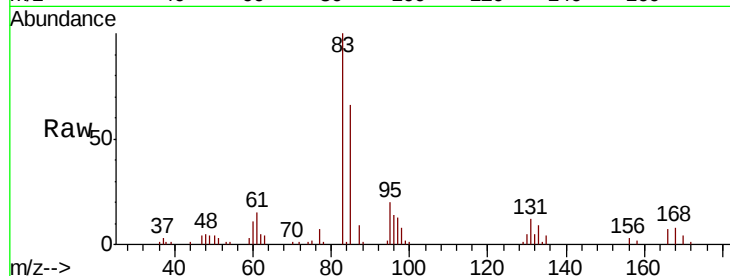
Tot Ion: 83 Resp: 13751

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

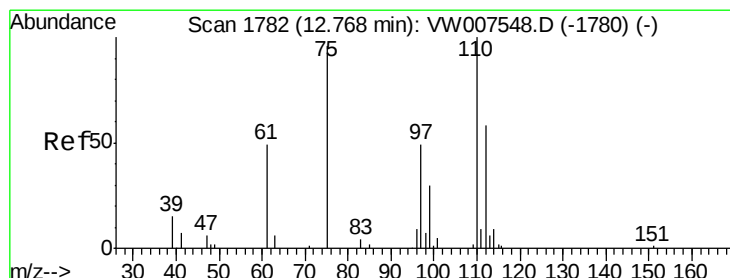
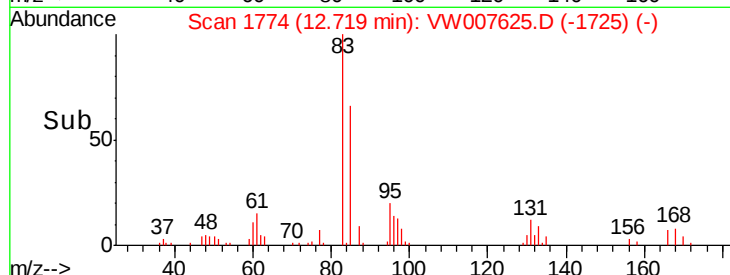
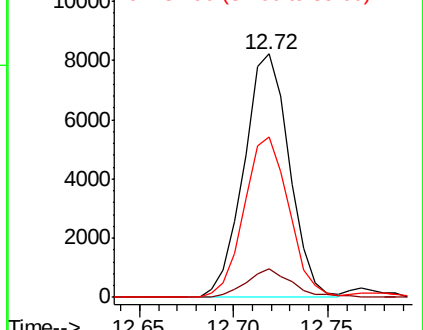
85 65.1 30.0 90.0



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: 41.219 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007625.D

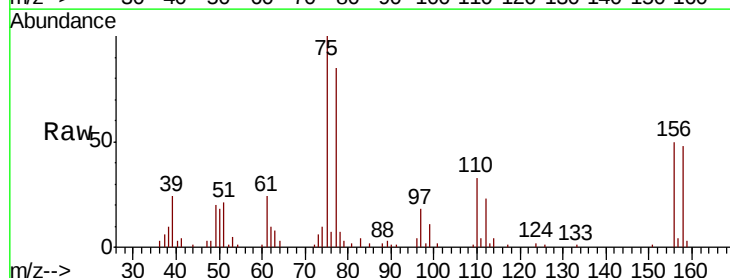
Acq: 17 Dec 2018 12:31

Tgt Ion: 75 Resp: 19287

Ion Ratio Lower Upper

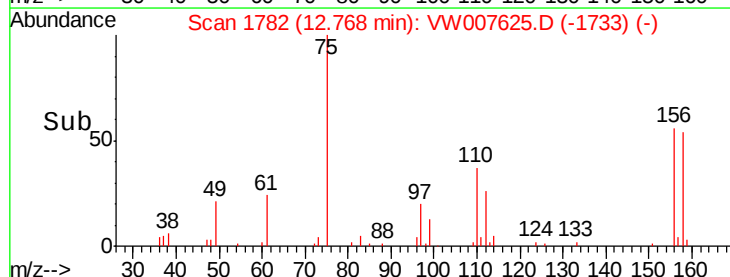
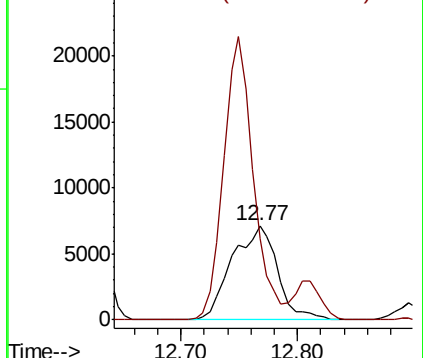
75 100

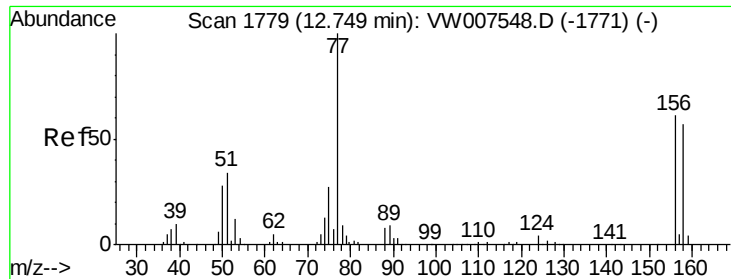
77 196.0 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.629 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

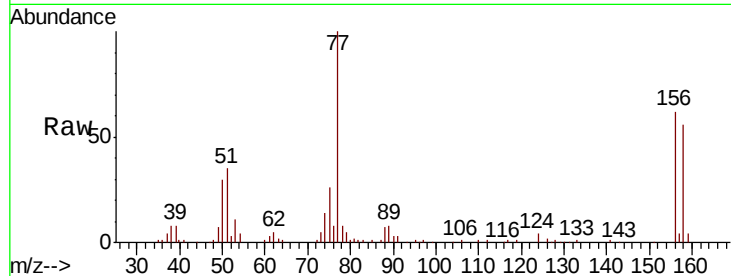
Tot Ion:156 Resp: 21811

Ion Ratio Lower Upper

156 100

77 173.3 88.1 264.4

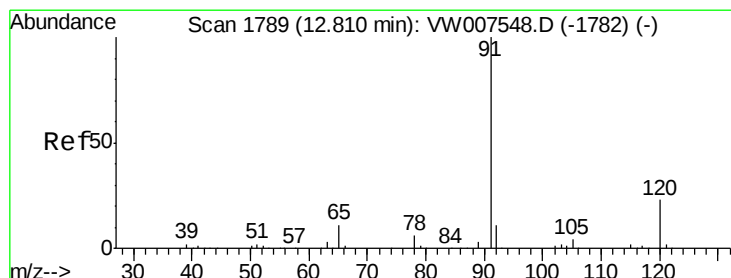
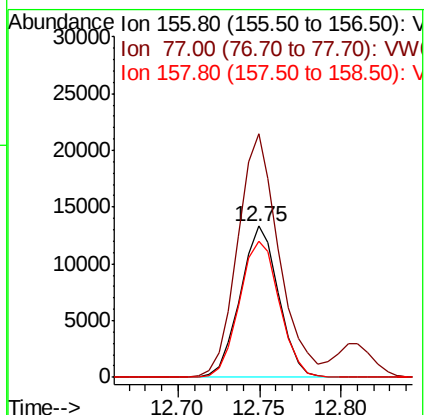
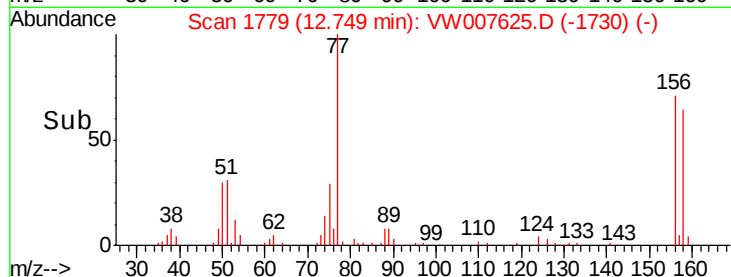
158 93.8 45.6 136.7



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: 23.839 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007625.D

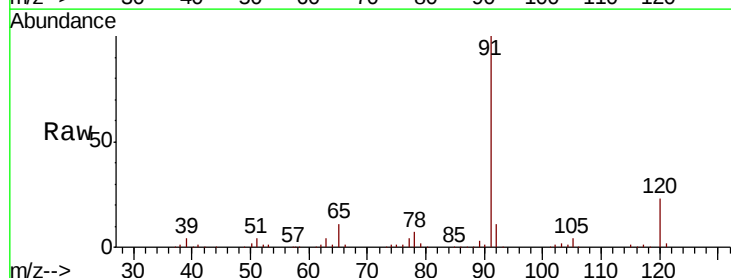
Acq: 17 Dec 2018 12:31

Tgt Ion: 91 Resp: 116660

Ion Ratio Lower Upper

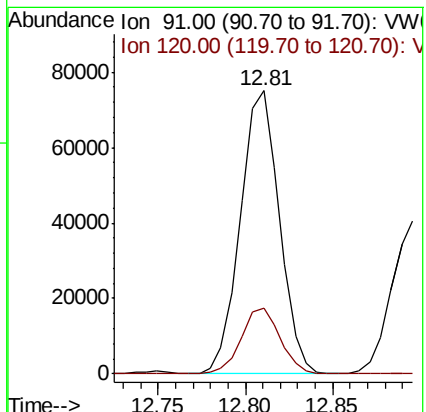
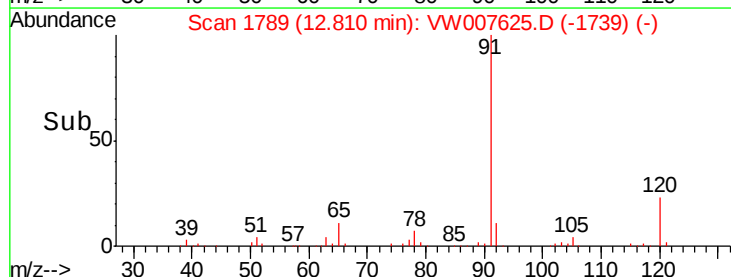
91 100

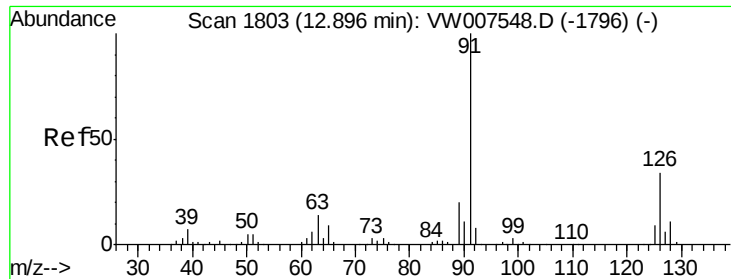
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

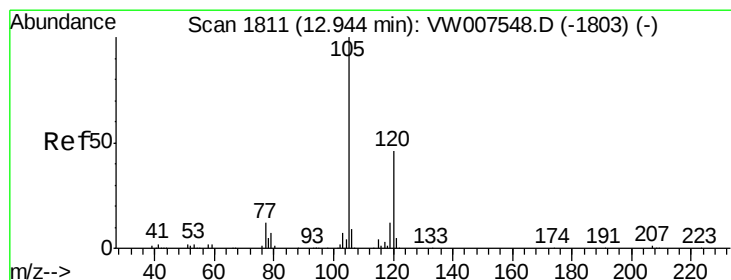
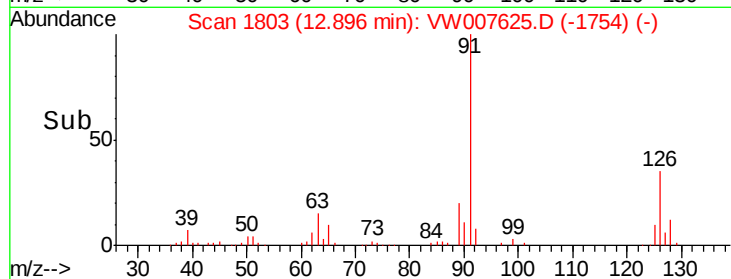
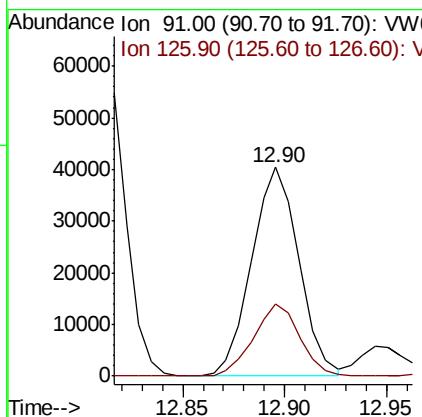
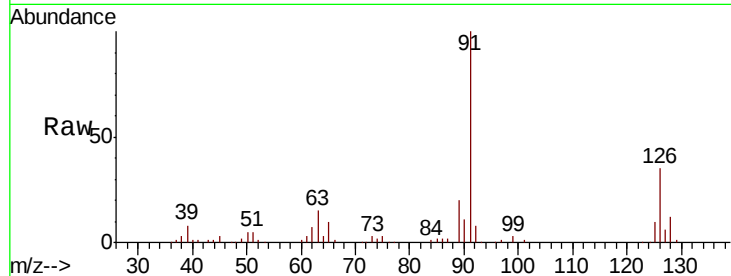




#79
 2-Chlorotoluene
 Concen: 22.014 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

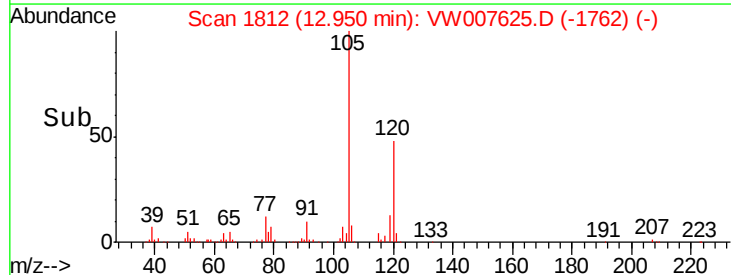
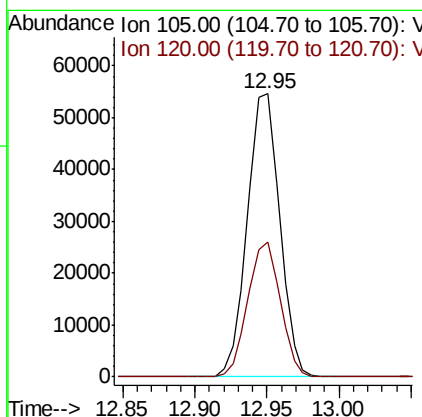
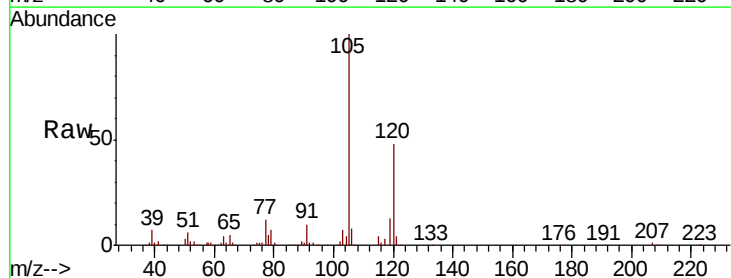
Instrument :
 MSVOA_W
 ClientSampleId :

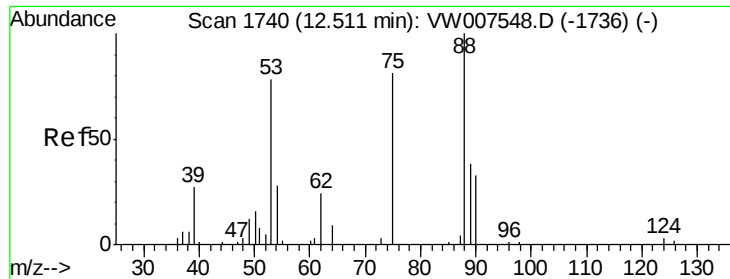
Tot Ion: 91 Resp: 65185
 Ion Ratio Lower Upper
 91 100
 126 33.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 23.297 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion:105 Resp: 85121
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.8 71.4

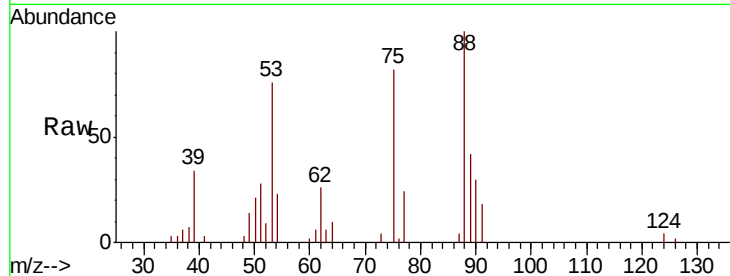




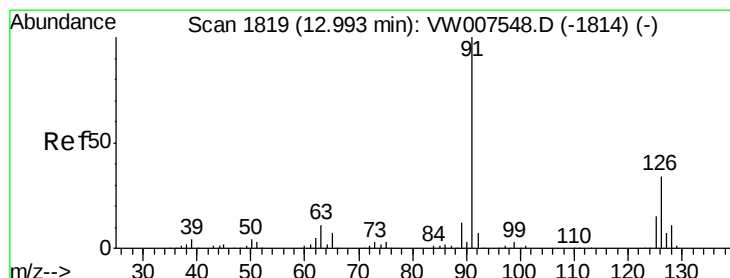
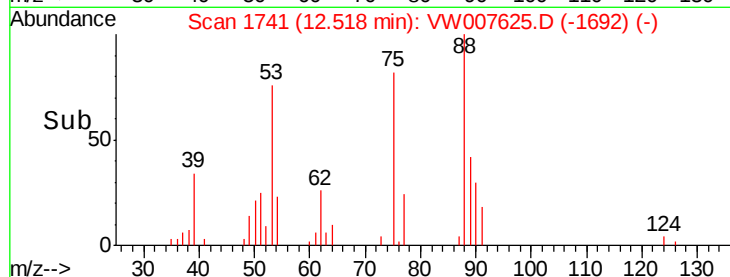
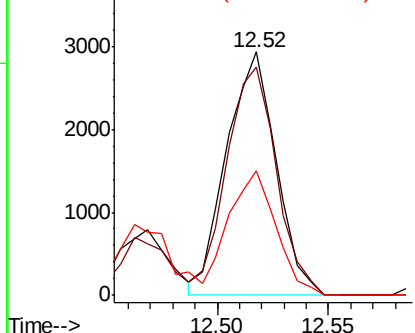
#81
trans-1,4-Dichloro-2-butene
Concen: 21.499 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 4554
Ion Ratio Lower Upper
75 100
53 94.4 84.9 127.3
89 49.1 40.3 60.5

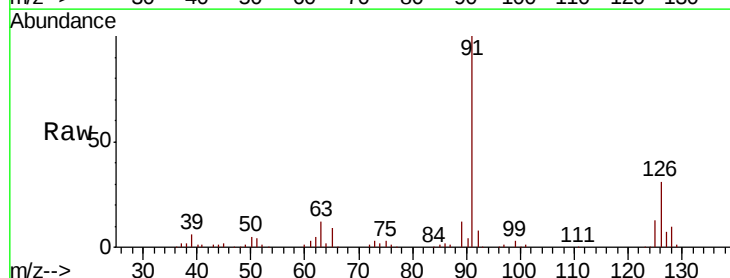


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW

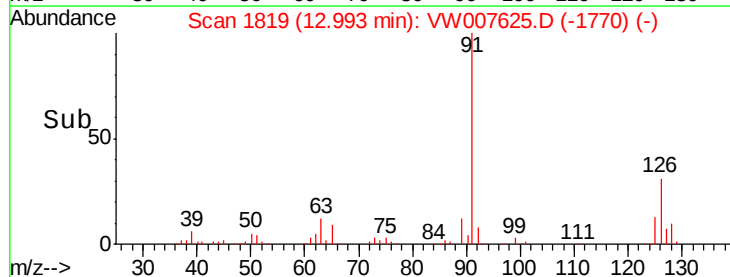
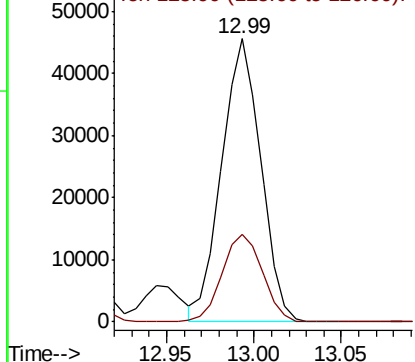


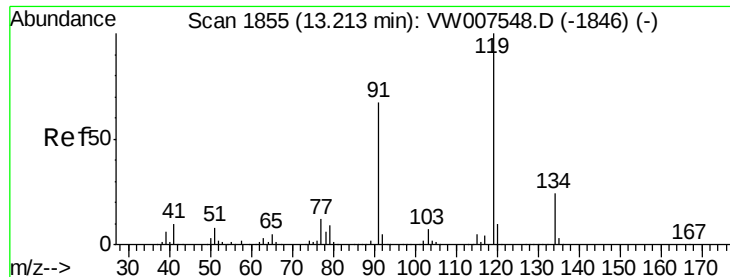
#82
4-Chlorotoluene
Concen: 22.717 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 91 Resp: 70904
Ion Ratio Lower Upper
91 100
126 31.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

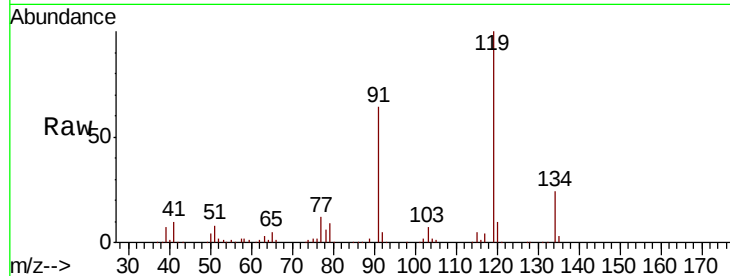




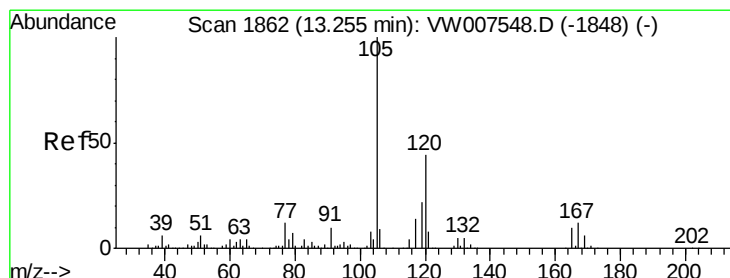
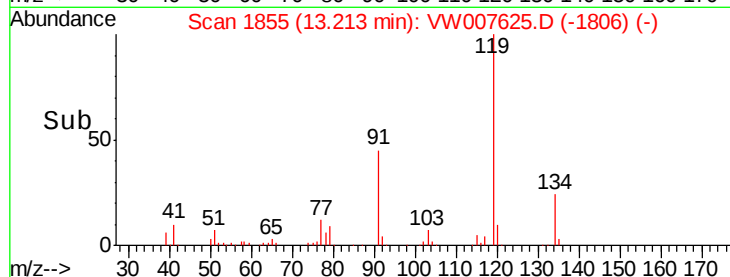
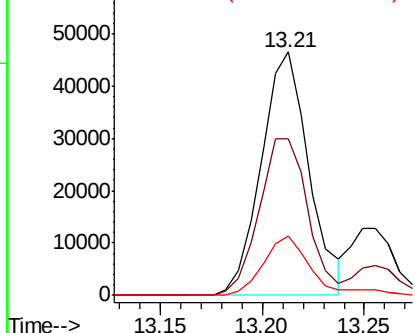
#83
tert-Butylbenzene
Concen: 23.507 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 75677
Ion Ratio Lower Upper
119 100
91 65.9 33.1 99.2
134 24.9 12.5 37.5

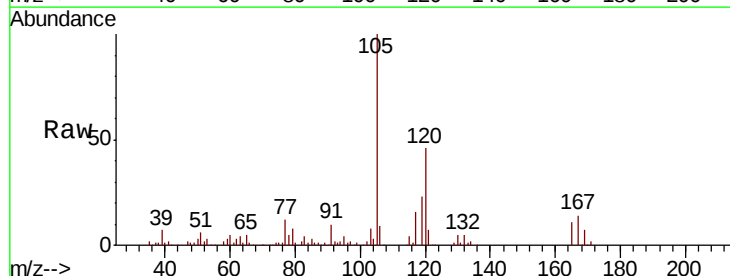


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

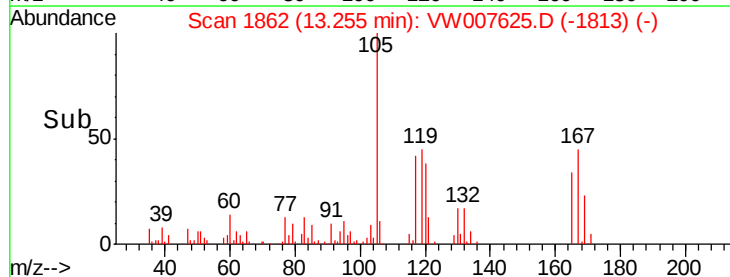
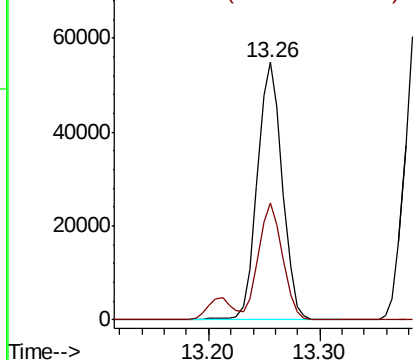


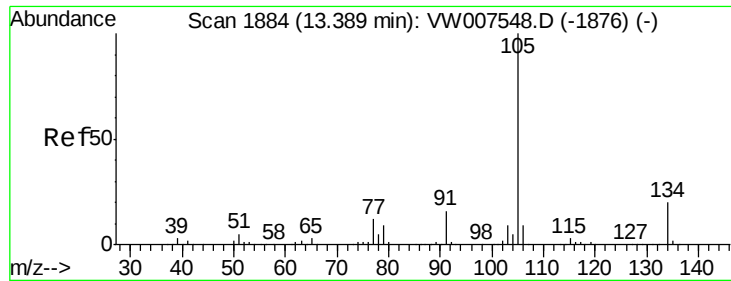
#84
1,2,4-Trimethylbenzene
Concen: 22.818 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:105 Resp: 85792
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.7



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

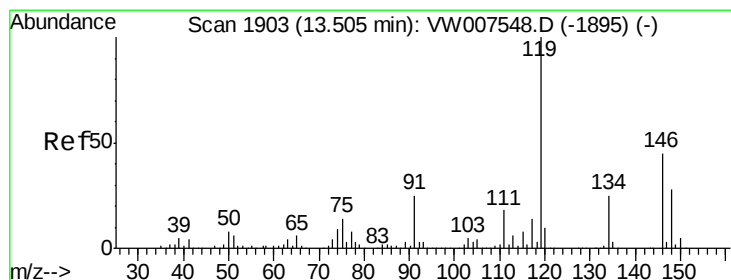
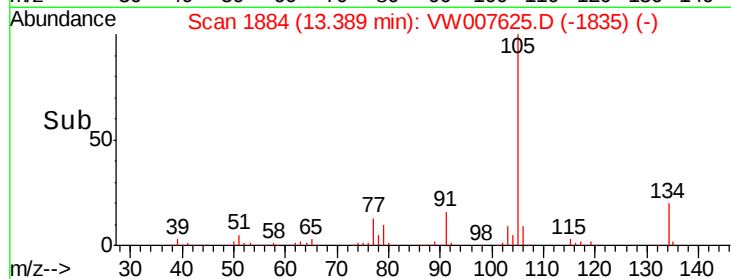
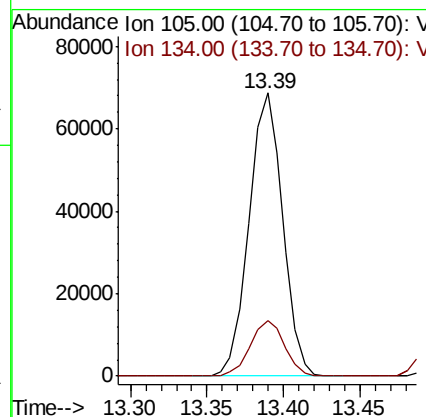
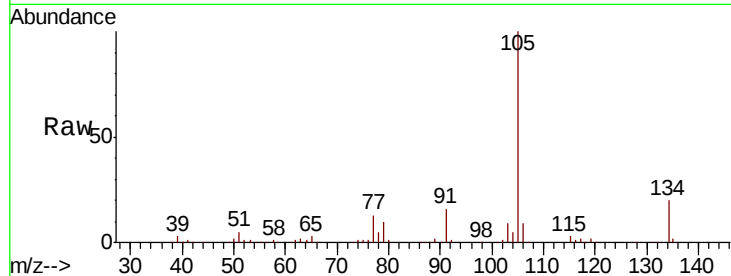




#85
 sec-Butylbenzene
 Concen: 23.937 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

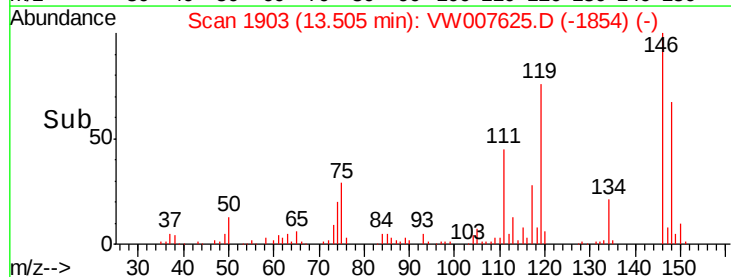
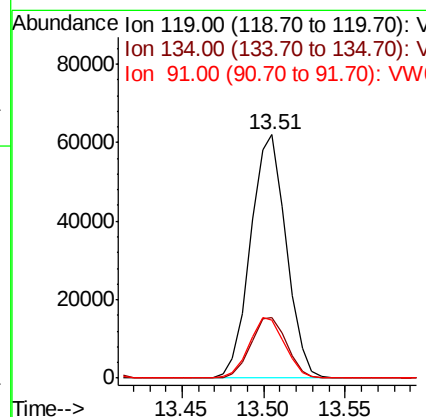
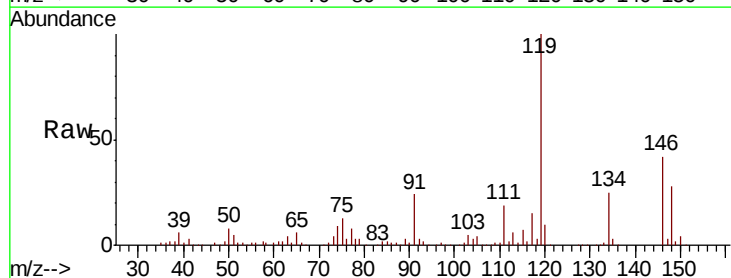
Instrument :
 MSVOA_W
 ClientSampleId :

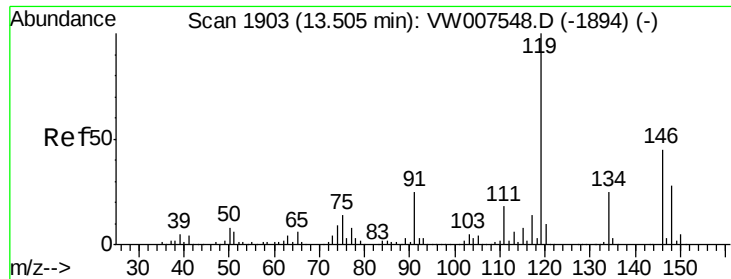
Tot Ion:105 Resp: 105200
 Ion Ratio Lower Upper
 105 100
 134 19.9 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 23.915 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion:119 Resp: 94420
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 25.1 11.9 35.9

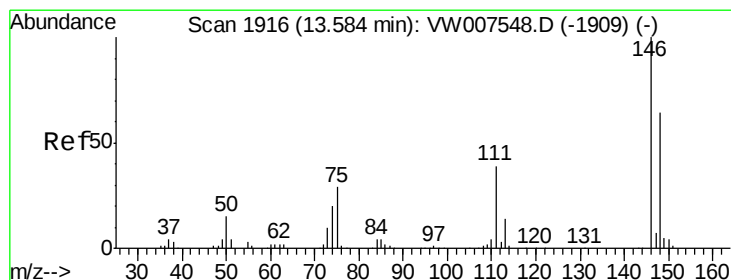
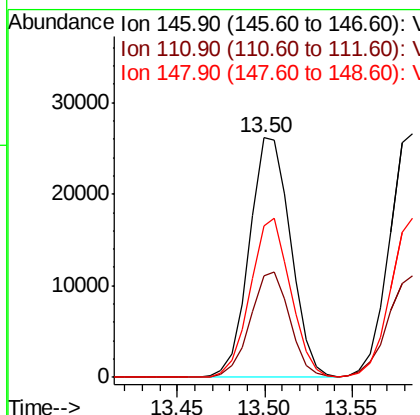
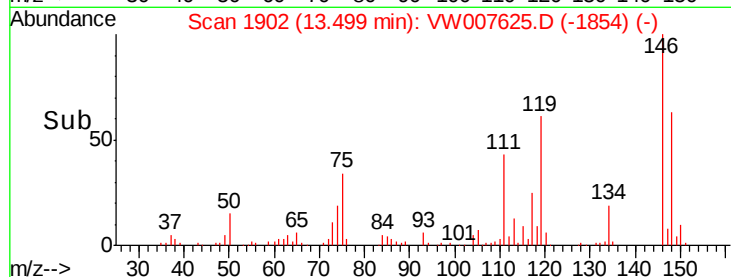
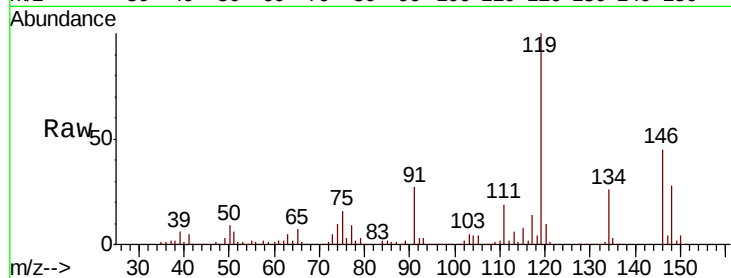




#87
 1,3-Dichlorobenzene
 Concen: 22.334 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

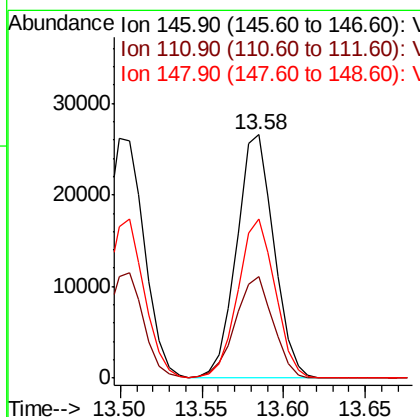
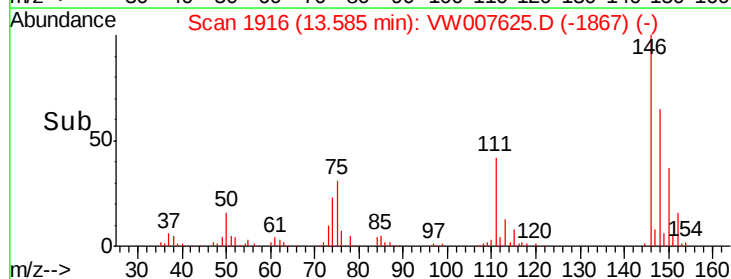
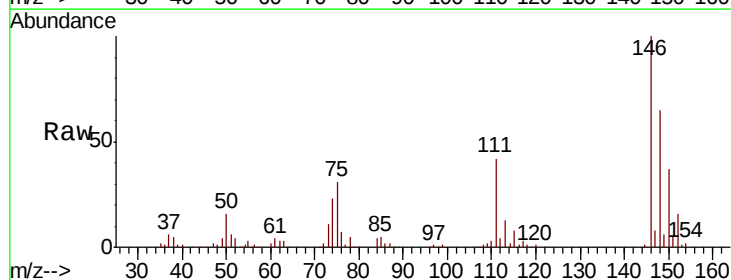
Instrument :
 MSVOA_W
 ClientSampled :

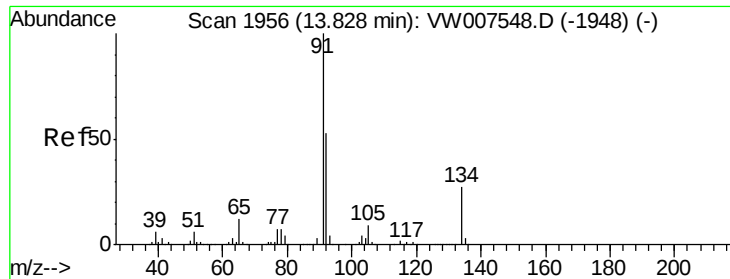
Tot Ion:146 Resp: 42919
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.1 60.3
 148 64.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.947 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion:146 Resp: 42401
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.3 61.0
 148 65.2 33.5 100.5





#89

n-Butylbenzene

Concen: 23.752 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

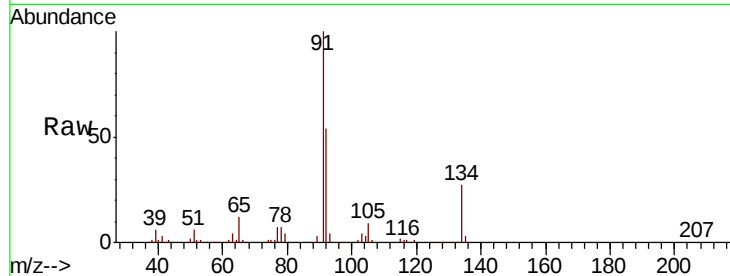
Tot Ion: 91 Resp: 86938

Ion Ratio Lower Upper

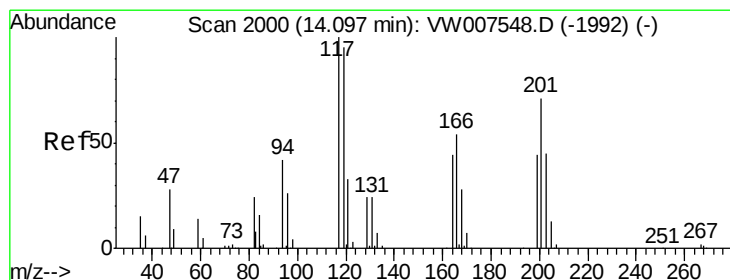
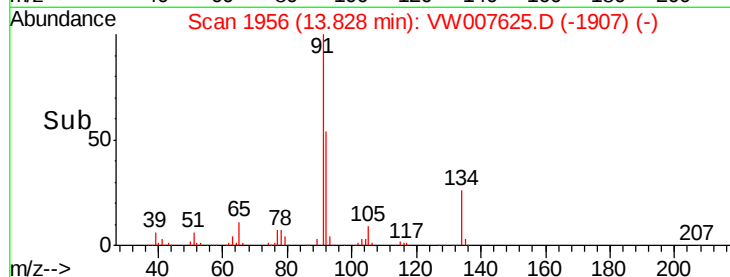
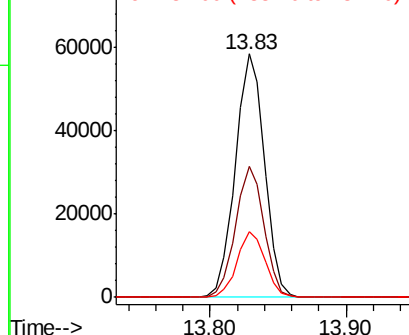
91 100

92 52.7 25.7 77.1

134 25.9 13.4 40.2



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



#90

Hexachloroethane

Concen: 23.429 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007625.D

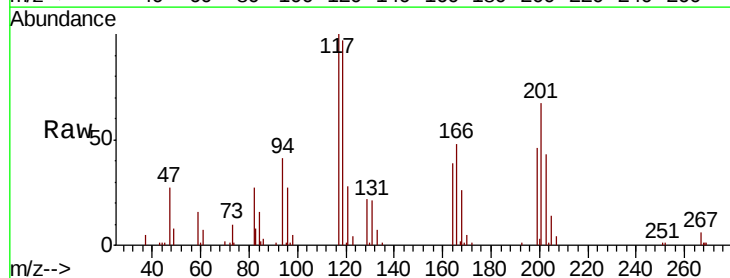
Acq: 17 Dec 2018 12:31

Tgt Ion: 117 Resp: 16459

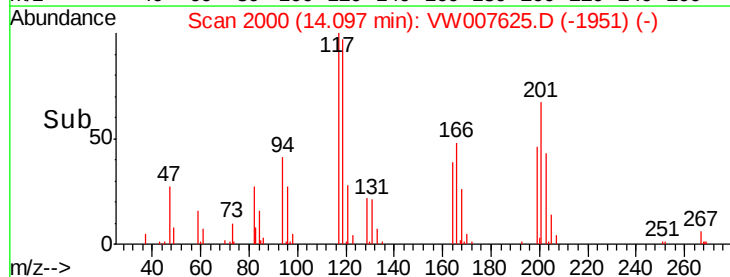
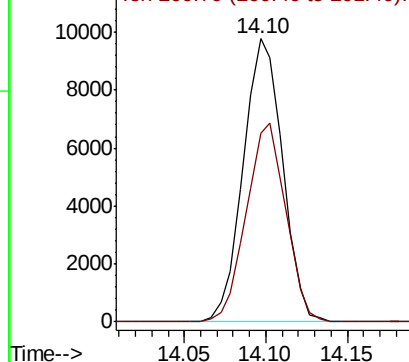
Ion Ratio Lower Upper

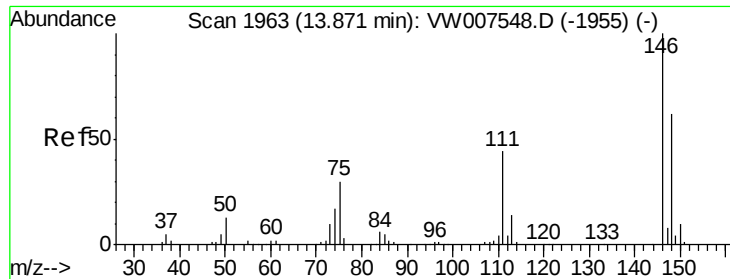
117 100

201 70.2 35.3 105.9



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





#91

1,2-Dichlorobenzene

Concen: 22.094 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

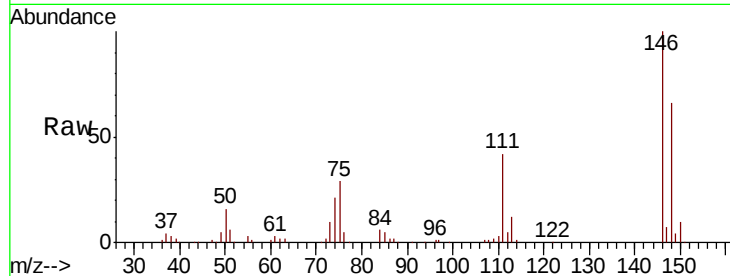
Tot Ion:146 Resp: 38029

Ion Ratio Lower Upper

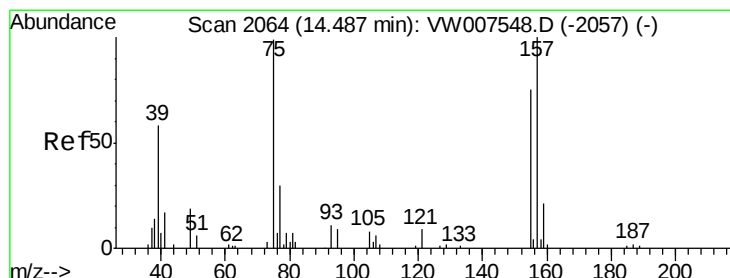
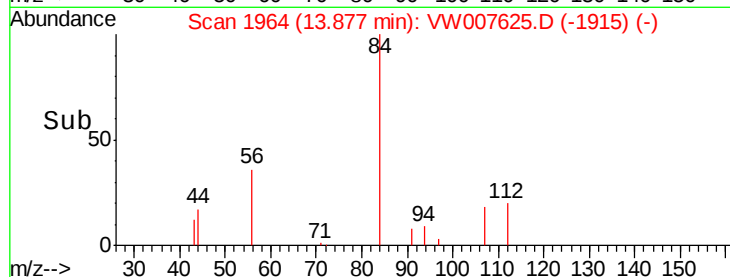
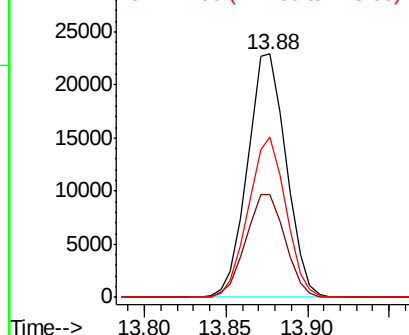
146 100

111 42.9 22.4 67.2

148 63.9 32.4 97.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.829 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007625.D

Acq: 17 Dec 2018 12:31

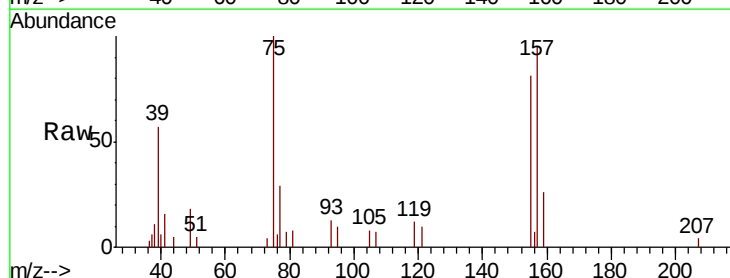
Tgt Ion: 75 Resp: 2692

Ion Ratio Lower Upper

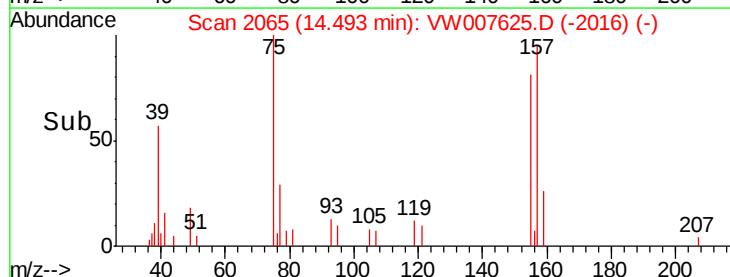
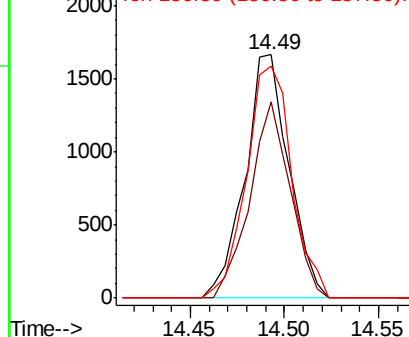
75 100

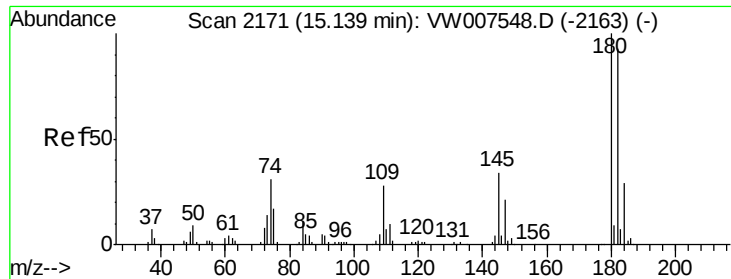
155 74.3 40.8 122.2

157 98.5 51.1 153.4



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

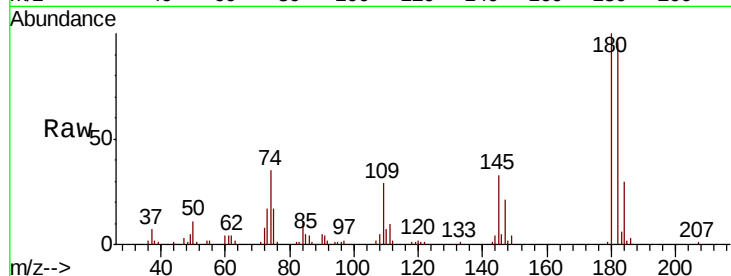




#93
 1,2,4-Trichlorobenzene
 Concen: 21.870 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	49.9	149.6
145	34.2	17.8	53.4

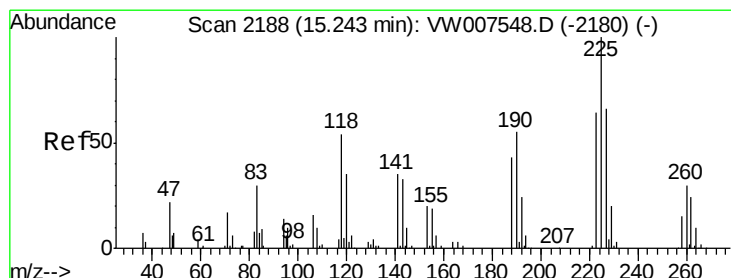
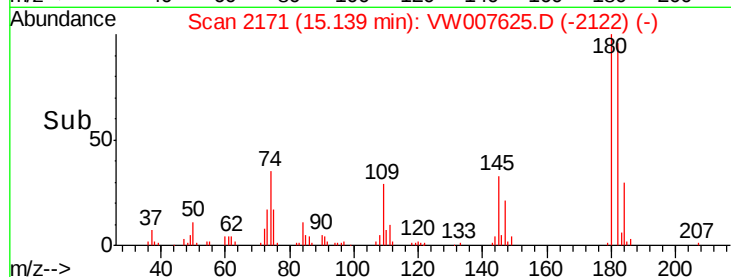
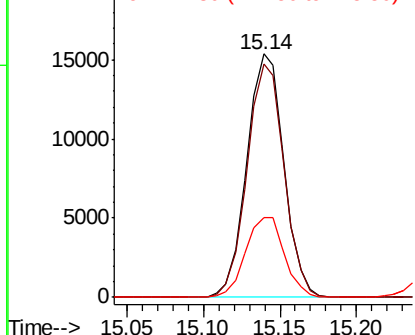


Abundance

Ion 179.80 (179.50 to 180.50): V

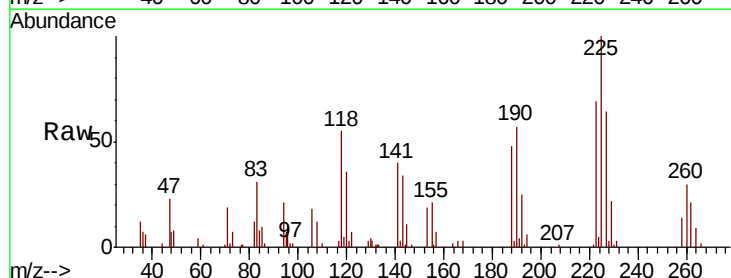
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.443 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007625.D
 Acq: 17 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.1	96.3
227	63.8	31.9	95.9

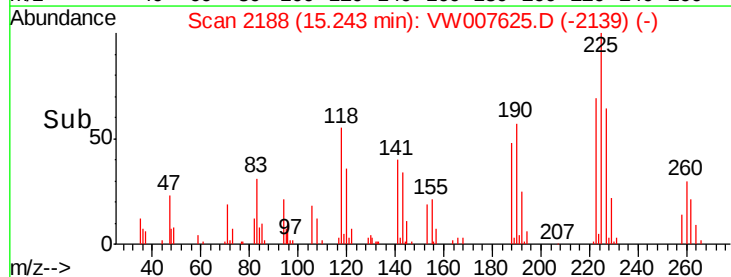
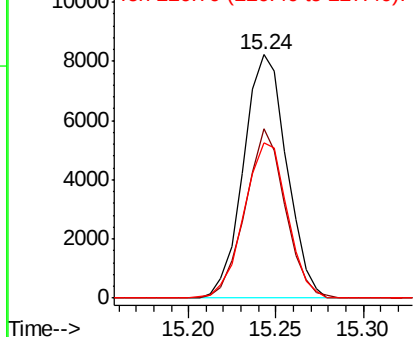


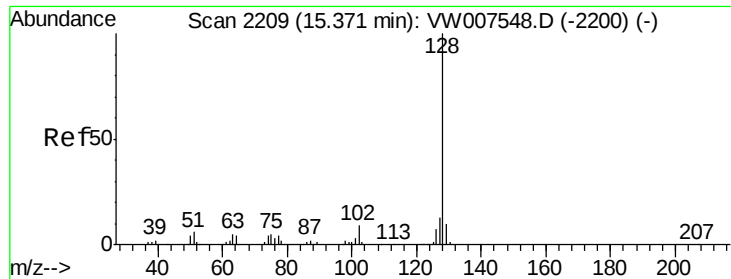
Abundance

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

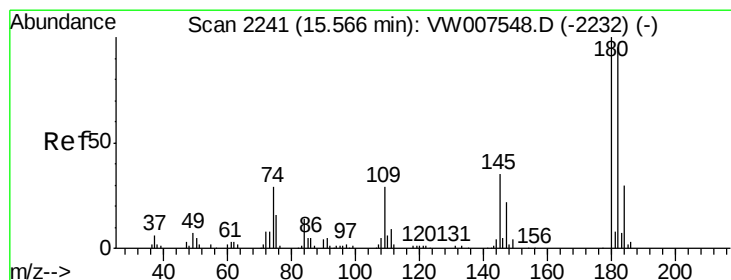
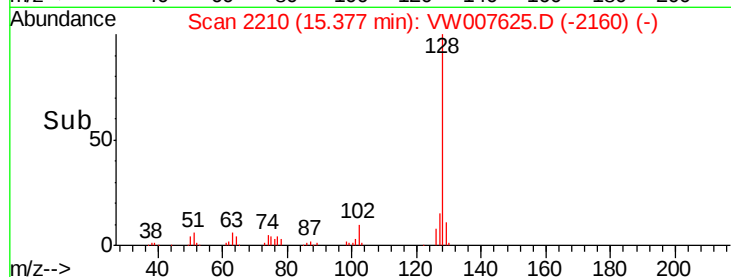
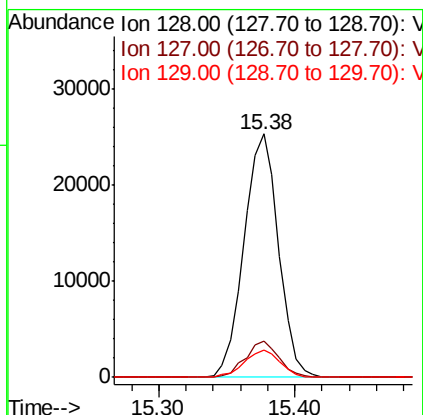
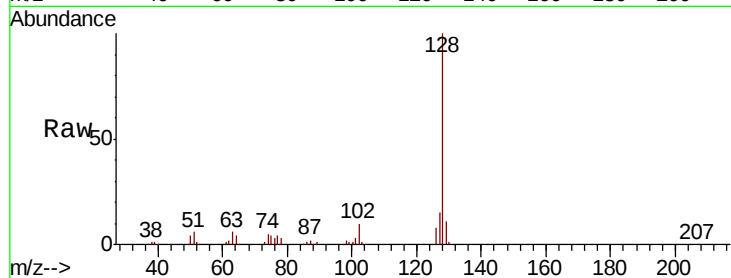




#95
Naphthalene
Concen: 19.789 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 44843
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.4
129 11.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 20.811 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007625.D
Acq: 17 Dec 2018 12:31

Tgt Ion:180 Resp: 21414
Ion Ratio Lower Upper
180 100
182 93.0 45.6 136.7
145 36.9 17.5 52.5

