

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007575.D
 Acq On : 15 Dec 2018 12:17
 Operator : SY/AP
 Sample : VW1214SBS03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

Quant Time: Dec 15 19:33:38 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	70158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40149	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.88	113	37175	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	139030	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.62	95	53308	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	11722	23.909	ug/l	100
3) Chloromethane	2.21	50	8657	21.084	ug/l	98
4) Vinyl Chloride	2.37	62	11096	23.028	ug/l	99
5) Bromomethane	2.78	94	6928	21.399	ug/l	98
6) Chloroethane	2.93	64	5878	22.161	ug/l	100
7) Trichlorofluoromethane	3.26	101	9357	21.599	ug/l	88
8) Diethyl Ether	3.68	74	6670	19.672	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15684	21.941	ug/l	99
10) Methyl Iodide	4.27	142	26412	22.310	ug/l	99
11) Tert butyl alcohol	5.17	59	6185	115.703	ug/l	96
12) 1,1-Dichloroethene	4.04	96	15353	22.308	ug/l	91
13) Acrolein	3.89	56	3349	94.681	ug/l	99
14) Allyl chloride	4.67	41	20881	20.583	ug/l	98
15) Acrylonitrile	5.37	53	15545	108.756	ug/l	99
16) Acetone	4.12	43	13861	101.954	ug/l	95
17) Carbon Disulfide	4.37	76	44741	21.440	ug/l	98
18) Methyl Acetate	4.67	43	8452	22.906	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	24545	23.641	ug/l	97
20) Methylene Chloride	4.92	84	17851	21.801	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	16691	21.680	ug/l	99
22) Diisopropyl ether	6.31	45	42417	21.753	ug/l	95
23) Vinyl Acetate	6.26	43	112950	103.560	ug/l	95
24) 1,1-Dichloroethane	6.21	63	28869	21.905	ug/l	99
25) 2-Butanone	7.17	43	18313	103.179	ug/l	100
26) 2,2-Dichloropropane	7.17	77	18531	21.246	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	18280	21.685	ug/l	98
28) Bromochloromethane	7.51	49	10571	21.325	ug/l #	4
29) Tetrahydrofuran	7.53	42	12398	110.340	ug/l	95
30) Chloroform	7.67	83	31801	22.174	ug/l	95
31) Cyclohexane	7.96	56	24292	20.090	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	28167	22.396	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23406	21.549	ug/l	99
37) Ethyl Acetate	7.25	43	8790	21.758	ug/l	99
38) Carbon Tetrachloride	8.07	117	25903	21.917	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007575.D
 Acq On : 15 Dec 2018 12:17
 Operator : SY/AP
 Sample : VW1214SBS03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

Quant Time: Dec 15 19:33:38 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)
39) Methylcyclohexane	9.34	83	28317	21.529	ug/l	94
40) Benzene	8.32	78	66282	21.988	ug/l	100
41) Methacrylonitrile	7.48	41	4903	21.312	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	21820	23.043	ug/l	97
43) Isopropyl Acetate	8.42	43	17602	22.057	ug/l	98
44) Trichloroethene	9.09	130	19473	22.622	ug/l	100
45) 1,2-Dichloropropane	9.37	63	15393	22.067	ug/l	98
46) Dibromomethane	9.46	93	8987	22.687	ug/l	98
47) Bromodichloromethane	9.65	83	23265	22.390	ug/l	89
48) Methyl methacrylate	9.43	41	9478	23.126	ug/l	98
49) 1,4-Dioxane	9.45	88	2902	451.491	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	41775	110.791	ug/l	100
52) Toluene	10.39	92	44267	22.692	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	23090	22.889	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	25422	21.800	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13196	24.476	ug/l	97
56) Ethyl methacrylate	10.65	69	14975	23.109	ug/l	99
57) 1,3-Dichloropropane	10.93	76	21127	23.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	33053	110.605	ug/l	98
59) 2-Hexanone	10.97	43	28999	115.339	ug/l	100
60) Dibromochloromethane	11.13	129	15991	23.502	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12644	23.731	ug/l	93
64) Tetrachloroethene	10.86	164	17549	22.545	ug/l	92
65) Chlorobenzene	11.66	112	50284	22.288	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	18195	22.898	ug/l	99
67) Ethyl Benzene	11.73	91	85363	22.007	ug/l	93
68) m/p-Xylenes	11.84	106	66155	43.871	ug/l	100
69) o-Xylene	12.17	106	31672	22.489	ug/l	97
70) Styrene	12.18	104	53381	23.467	ug/l	97
71) Bromoform	12.35	173	9148	22.493	ug/l #	99
73) Isopropylbenzene	12.47	105	88589	21.008	ug/l	100
74) N-amyl acetate	12.27	43	16153	21.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	13956	22.345	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	19314	42.564	ug/l	31
77) Bromobenzene	12.75	156	20413	21.839	ug/l	97
78) n-propylbenzene	12.81	91	101895	21.471	ug/l	98
79) 2-Chlorotoluene	12.90	91	60909	21.212	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76641	21.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3971	19.332	ug/l	99
82) 4-Chlorotoluene	12.99	91	63977	21.136	ug/l	96
83) tert-Butylbenzene	13.21	119	66644	21.346	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	78671	21.577	ug/l	97
85) sec-Butylbenzene	13.39	105	91673	21.510	ug/l	96
86) p-Isopropyltoluene	13.51	119	82567	21.565	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	40139	21.538	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	40715	21.731	ug/l	96
89) n-Butylbenzene	13.83	91	73923	20.826	ug/l	98
90) Hexachloroethane	14.10	117	14872	21.830	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	36754	22.019	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2881	22.986	ug/l	95

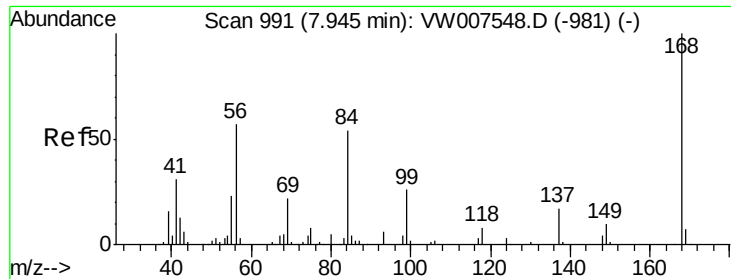
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007575.D
Acq On : 15 Dec 2018 12:17
Operator : SY/AP
Sample : VW1214SBS03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

Quant Time: Dec 15 19:33:38 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.14	180	23952	20.851	ug/l	97
94) Hexachlorobutadiene	15.24	225	12205	20.025	ug/l	100
95) Naphthalene	15.37	128	46671	21.238	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20957	21.002	ug/l	95

(#) = 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: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

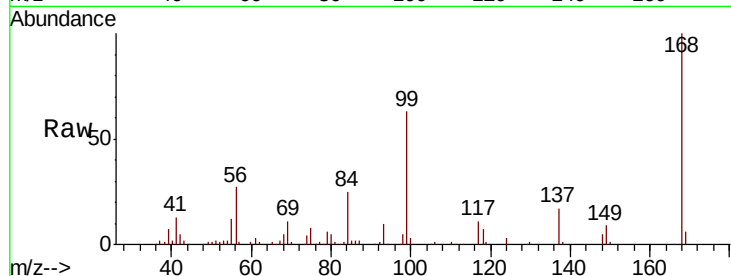
VW1217SBS03

Tgt Ion:168 Resp: 70158

Ion Ratio Lower Upper

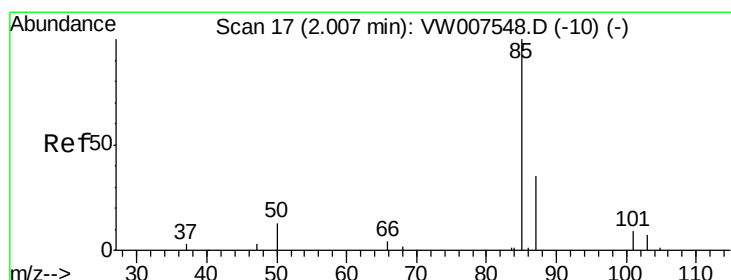
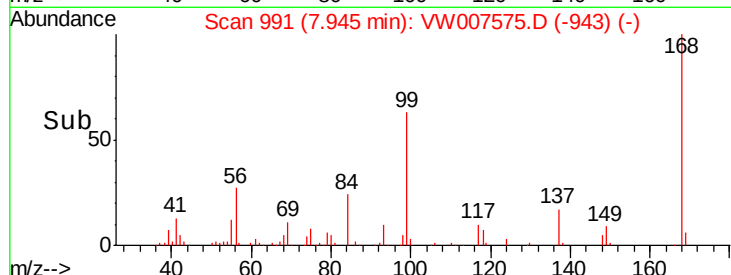
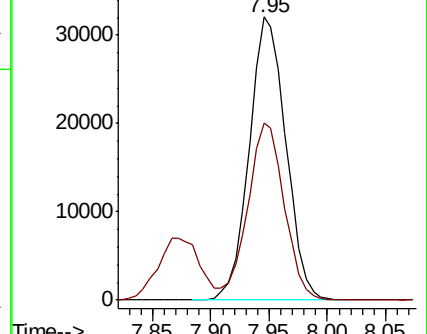
168 100

99 62.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.909 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007575.D

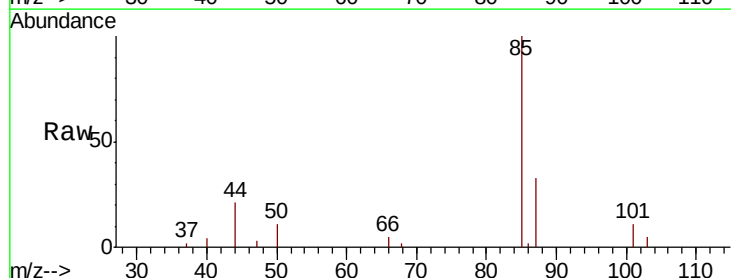
Acq: 15 Dec 2018 12:17

Tgt Ion: 85 Resp: 11722

Ion Ratio Lower Upper

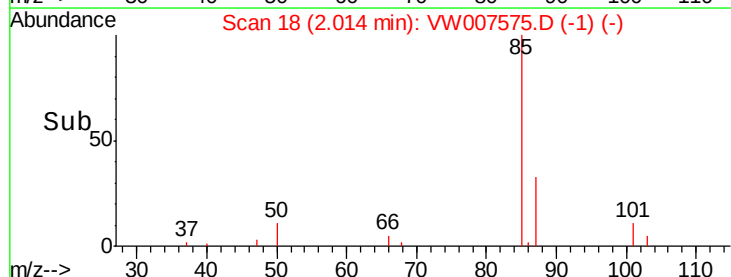
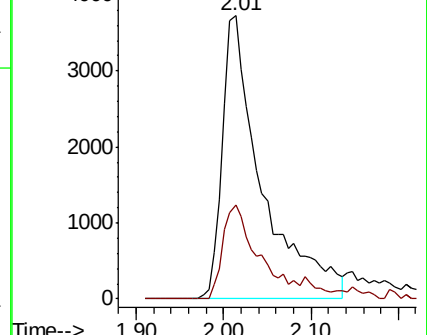
85 100

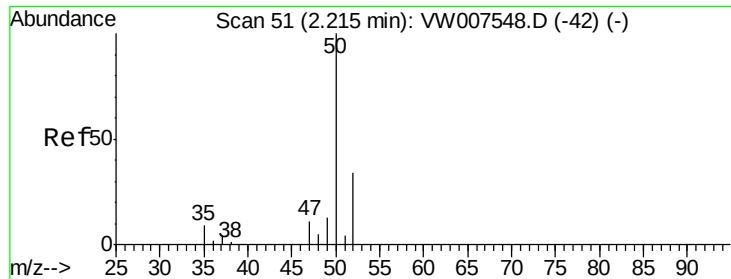
87 33.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.084 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampled :

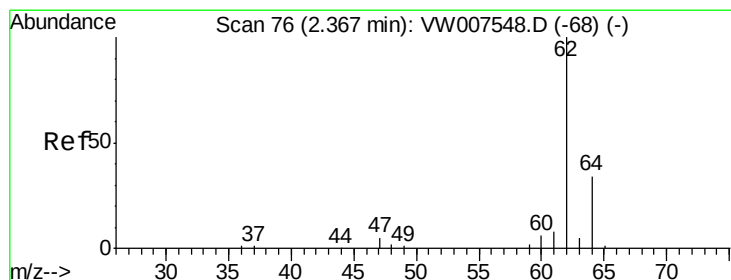
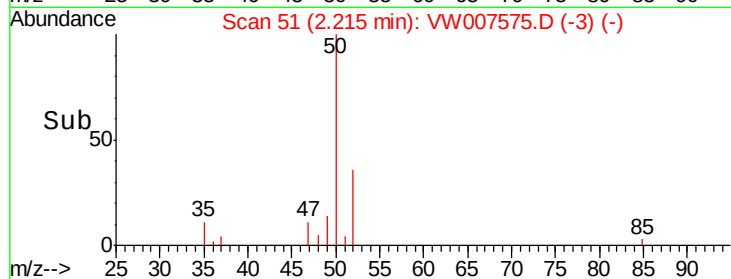
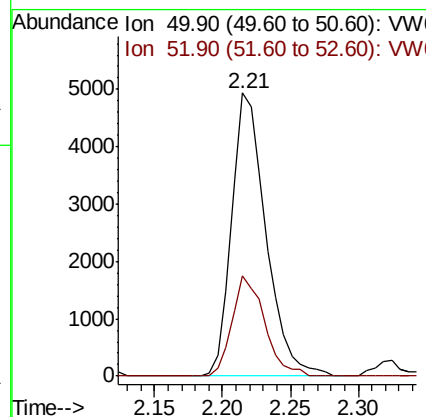
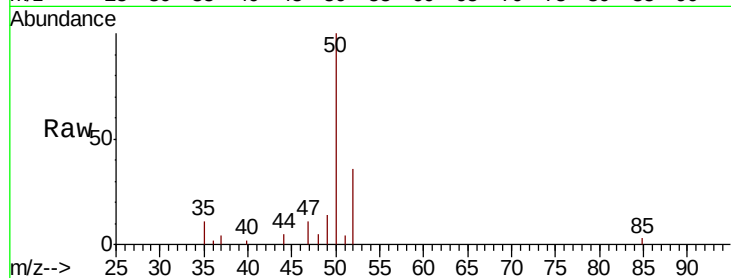
VW1217SBS03

Tgt Ion: 50 Resp: 8657

Ion Ratio Lower Upper

50 100

52 35.6 27.4 41.0



#4

Vinyl Chloride

Concen: 23.028 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007575.D

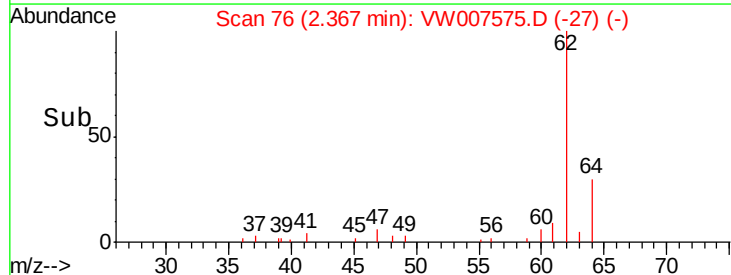
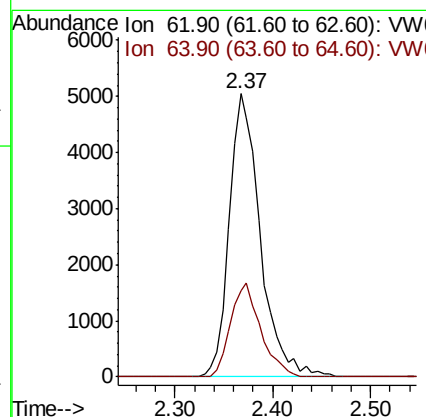
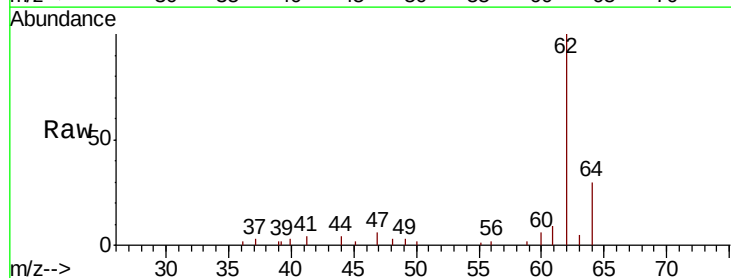
Acq: 15 Dec 2018 12:17

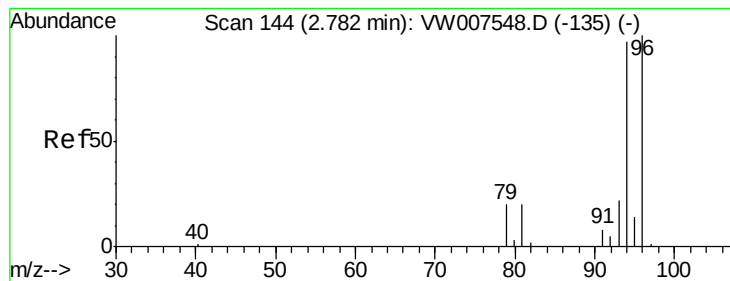
Tgt Ion: 62 Resp: 11096

Ion Ratio Lower Upper

62 100

64 30.5 24.6 37.0





#5

Bromomethane

Concen: 21.399 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

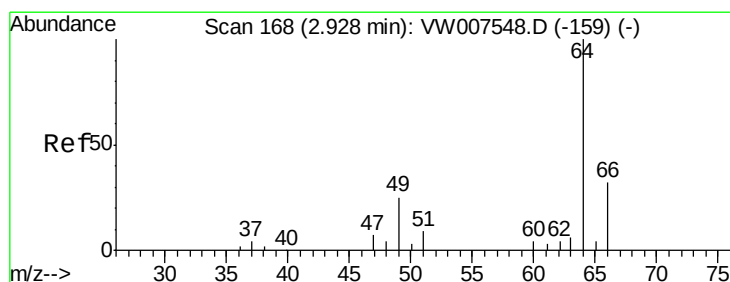
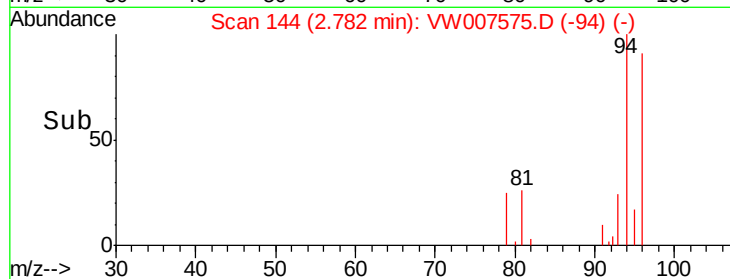
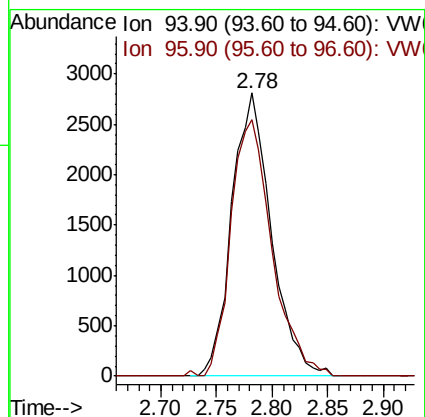
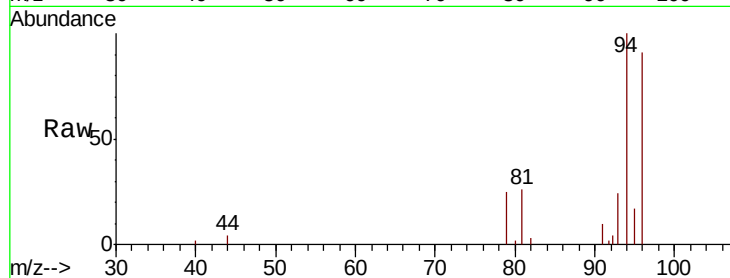
VW1217SBS03

Tgt Ion: 94 Resp: 6928

Ion Ratio Lower Upper

94 100

96 90.7 71.0 106.4



#6

Chloroethane

Concen: 22.161 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007575.D

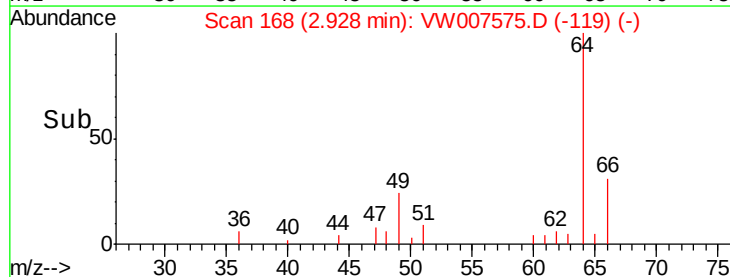
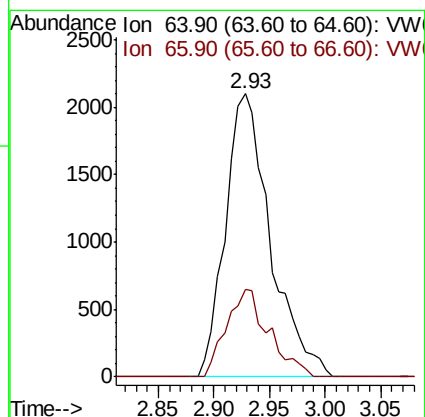
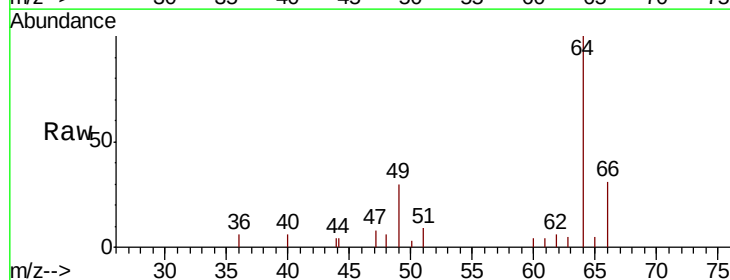
Acq: 15 Dec 2018 12:17

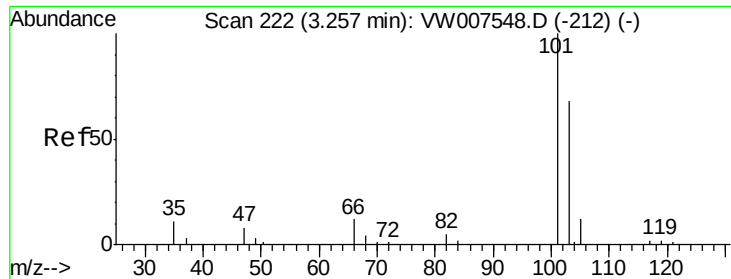
Tgt Ion: 64 Resp: 5878

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0



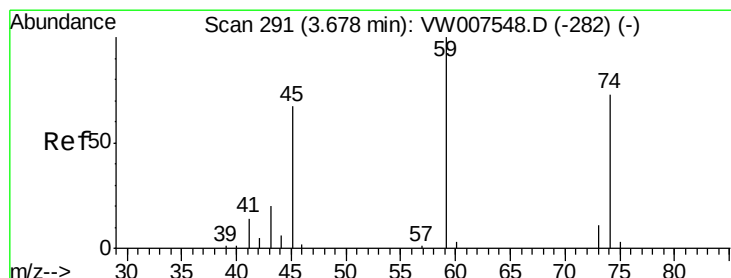
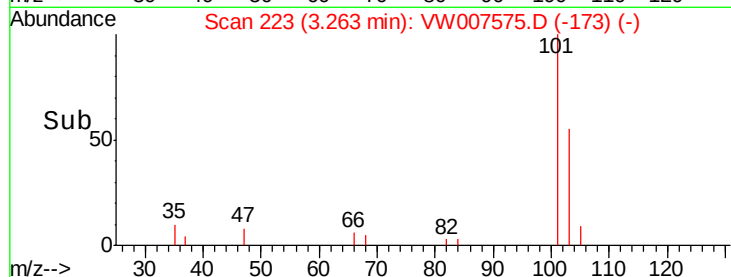
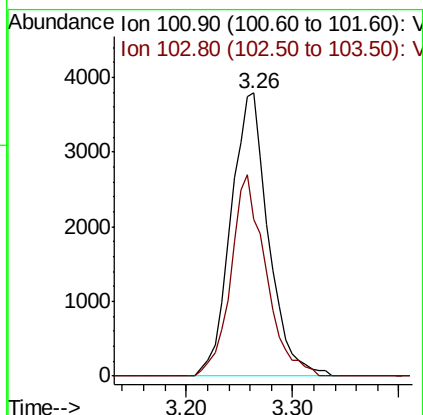
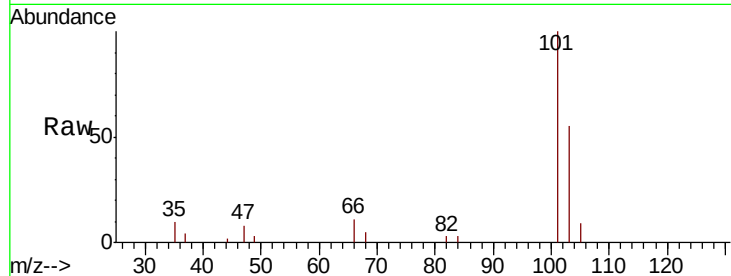


#7

Trichlorofluoromethane
 Concen: 21.599 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

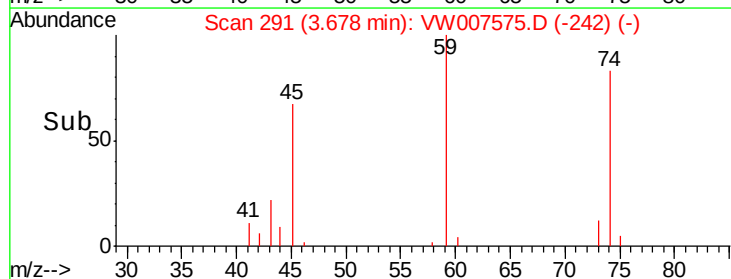
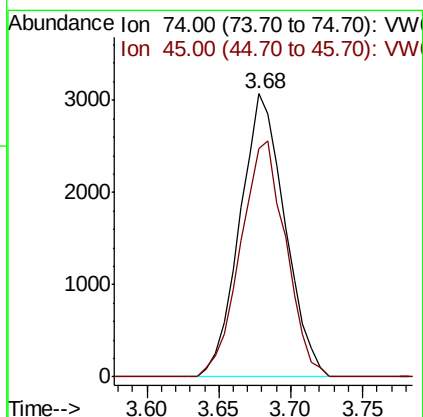
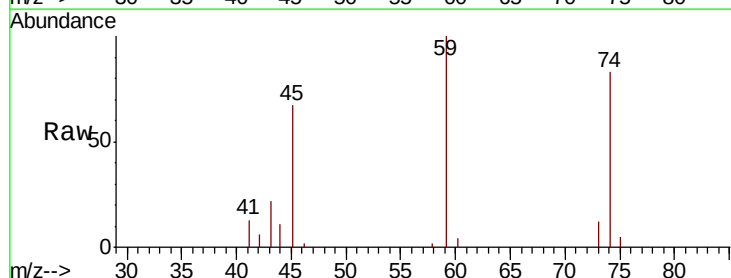
Tgt Ion: 101 Resp: 9357
 Ion Ratio Lower Upper
 101 100
 103 55.1 51.7 77.5

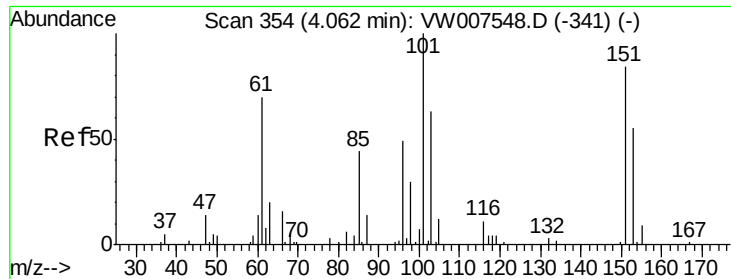


#8

Diethyl Ether
 Concen: 19.672 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 74 Resp: 6670
 Ion Ratio Lower Upper
 74 100
 45 83.5 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.941 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

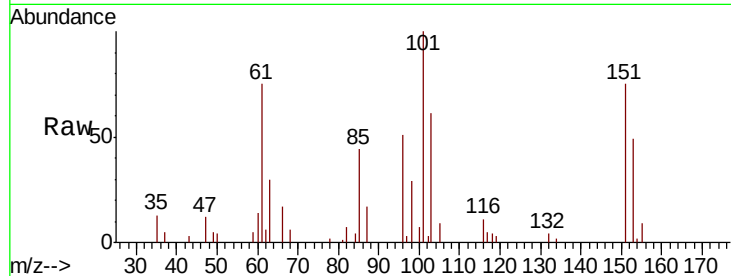
Tgt Ion:101 Resp: 15684

Ion Ratio Lower Upper

101 100

85 43.7 33.9 50.9

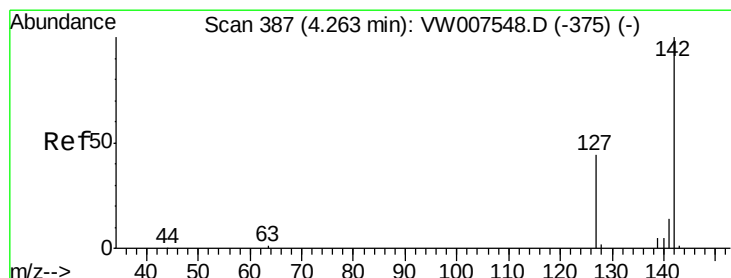
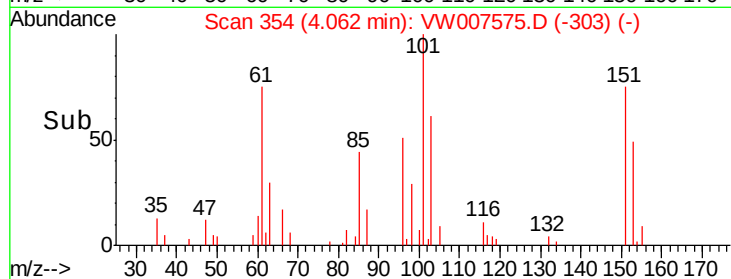
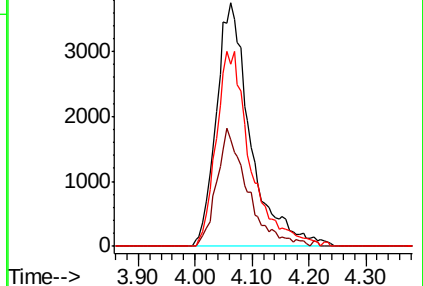
151 79.9 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.310 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

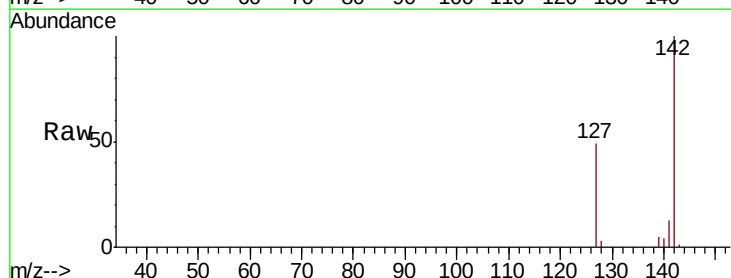
Tgt Ion:142 Resp: 26412

Ion Ratio Lower Upper

142 100

127 45.3 35.8 53.6

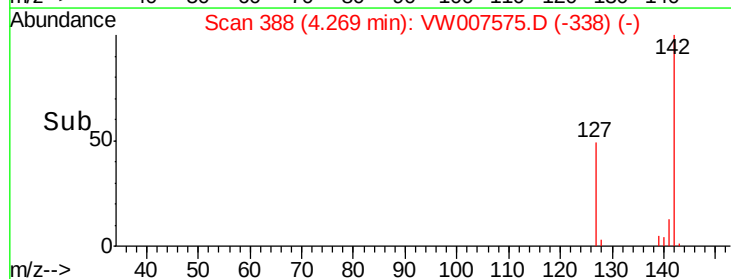
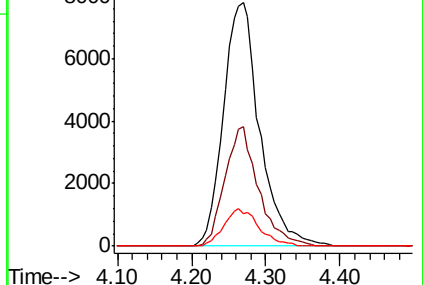
141 14.8 11.1 16.7

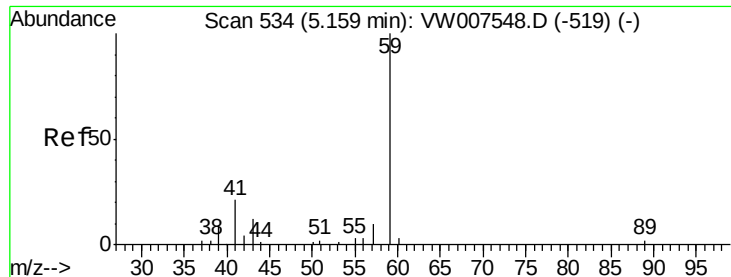


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

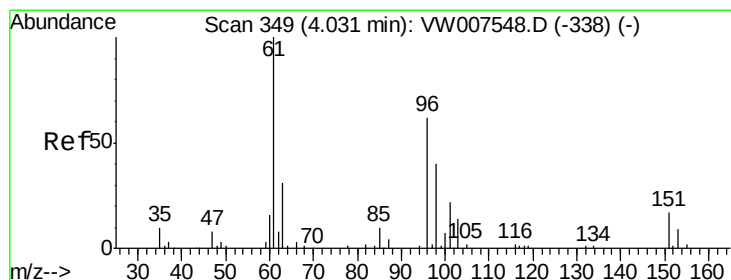
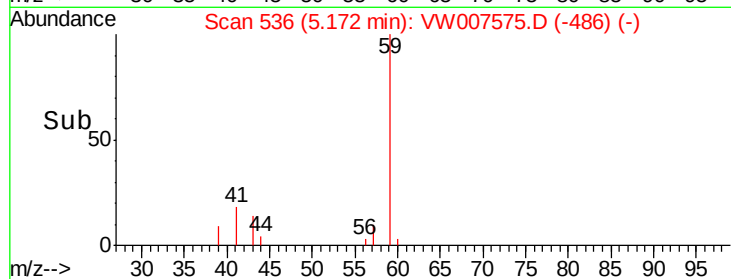
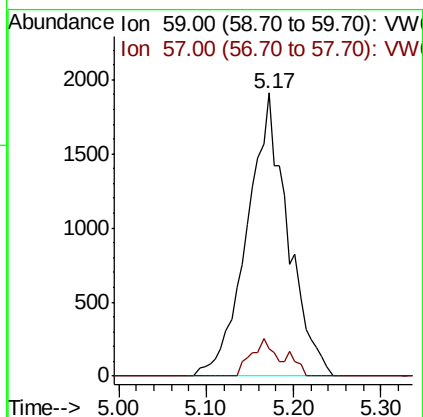
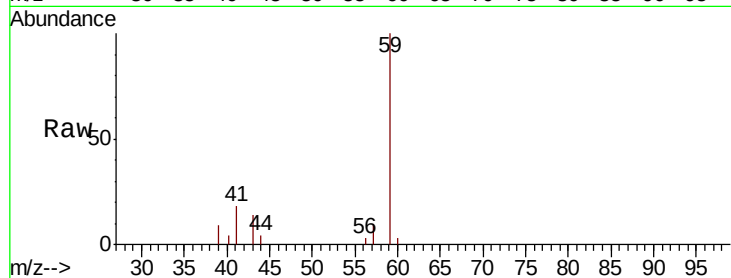




#11
Tert butyl alcohol
Concen: 115.703 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

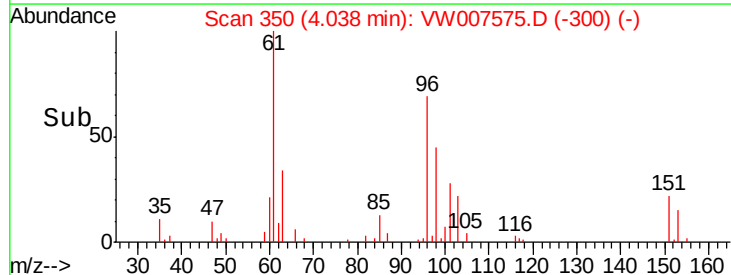
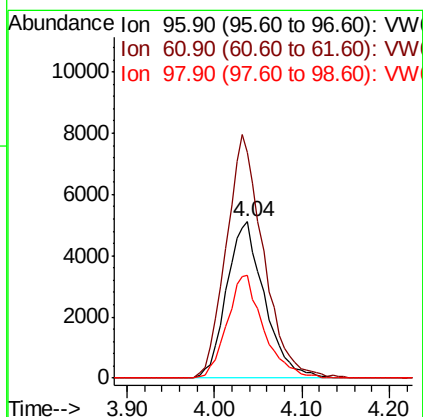
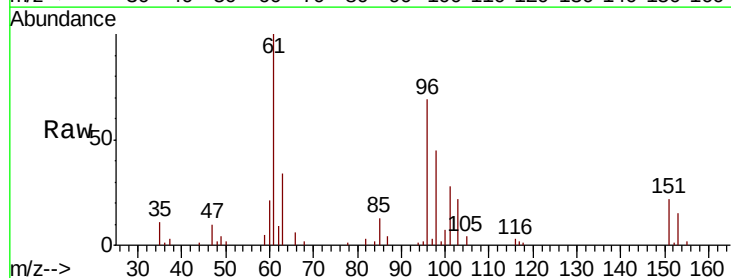
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

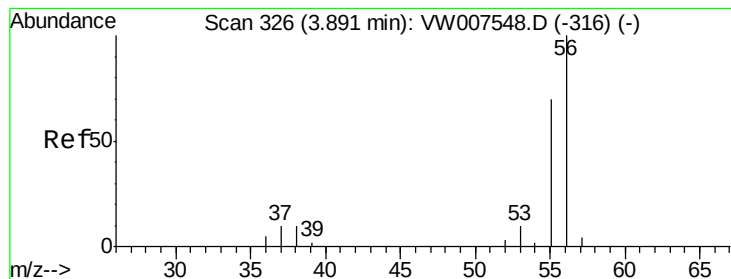
Tgt Ion: 59 Resp: 6185
Ion Ratio Lower Upper
59 100
57 7.9 7.6 11.4



#12
1,1-Dichloroethene
Concen: 22.308 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 96 Resp: 15353
Ion Ratio Lower Upper
96 100
61 144.5 126.2 189.2
98 65.5 48.3 72.5





#13

Acrolein

Concen: 94.681 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

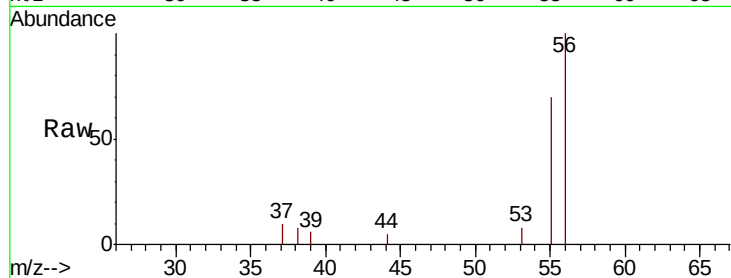
VW1217SBS03

Tgt Ion: 56 Resp: 3349

Ion Ratio Lower Upper

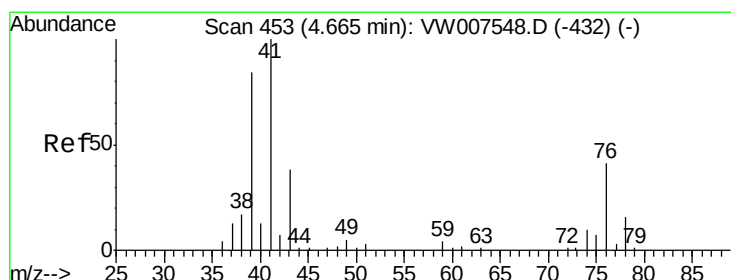
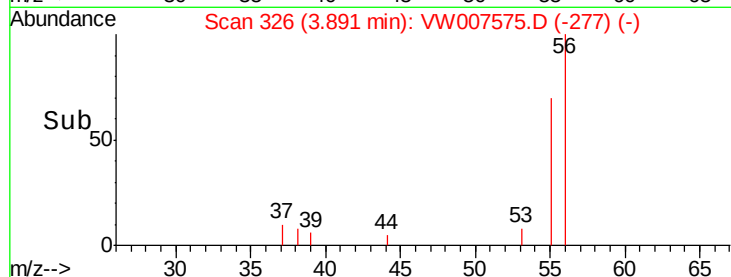
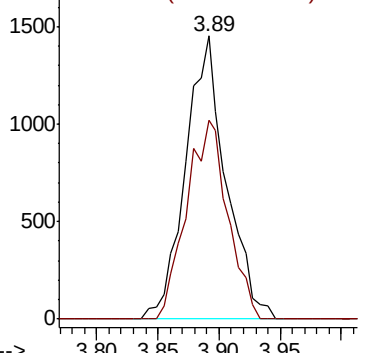
56 100

55 71.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.583 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

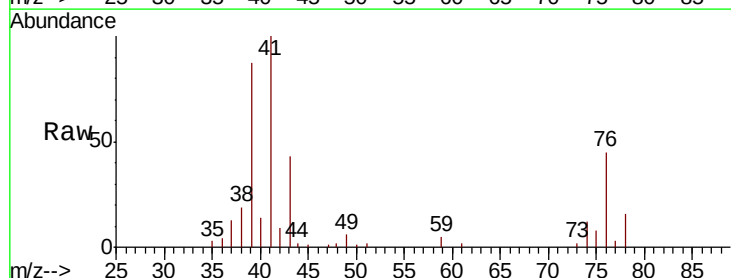
Tgt Ion: 41 Resp: 20881

Ion Ratio Lower Upper

41 100

39 82.3 63.4 95.2

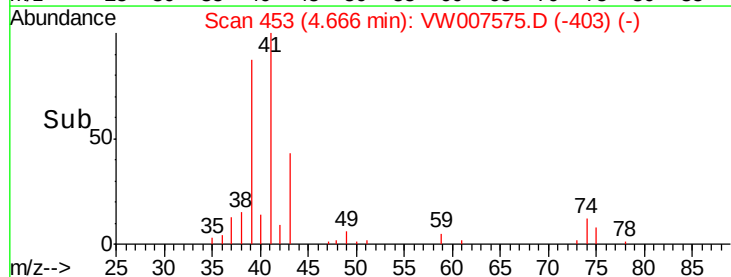
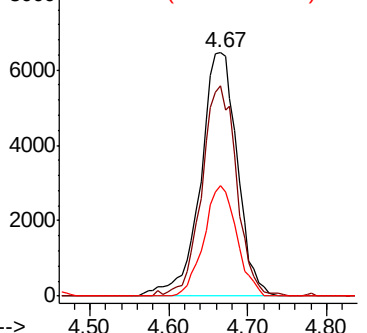
76 40.4 32.1 48.1

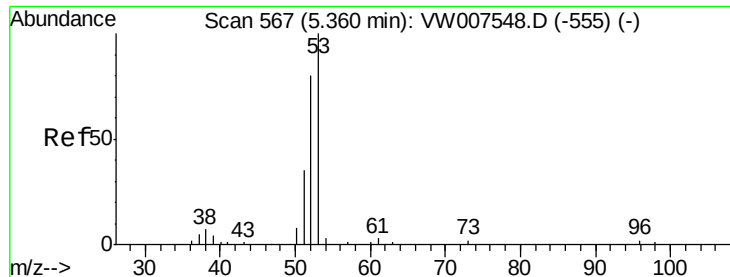


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 108.756 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

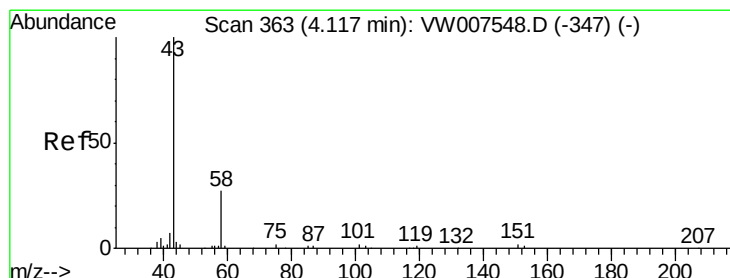
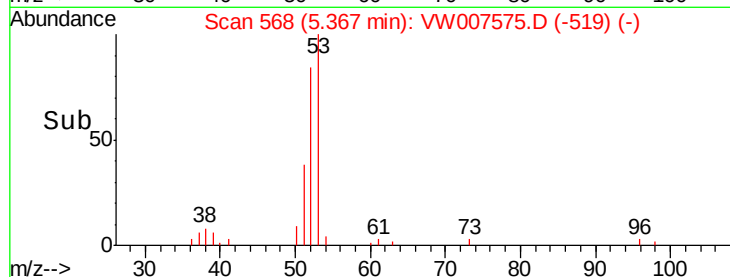
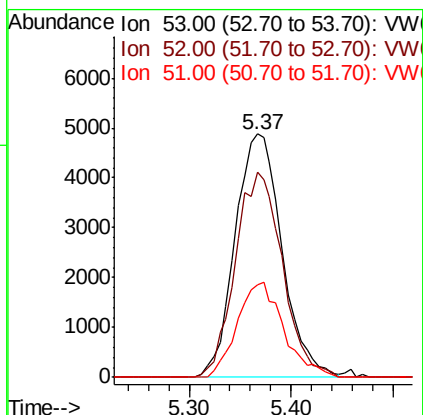
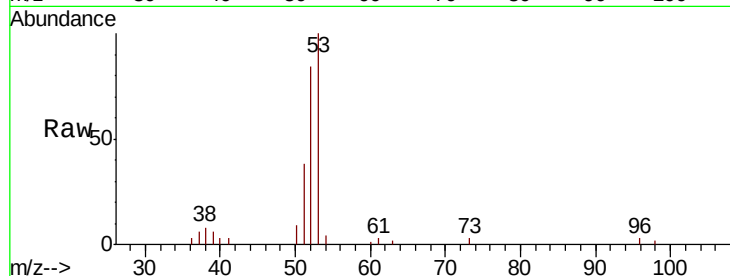
Tgt Ion: 53 Resp: 15545

Ion Ratio Lower Upper

53 100

52 84.6 67.4 101.2

51 38.8 30.2 45.2



#16

Acetone

Concen: 101.954 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007575.D

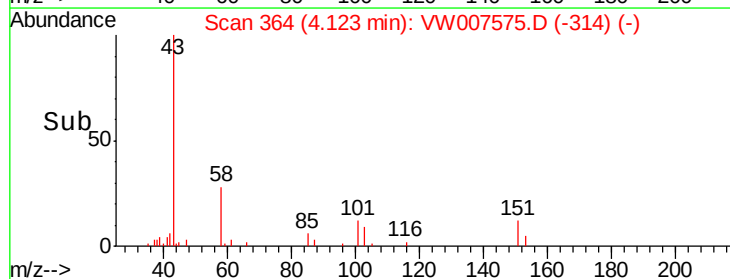
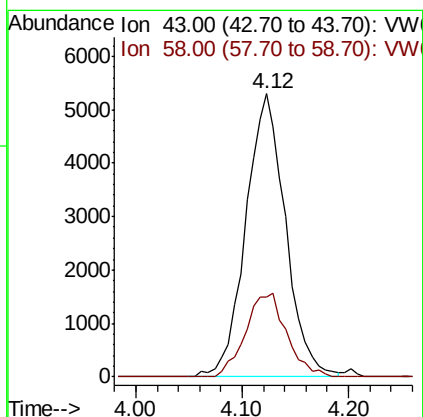
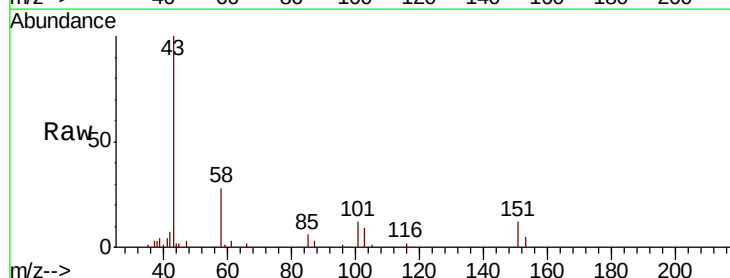
Acq: 15 Dec 2018 12:17

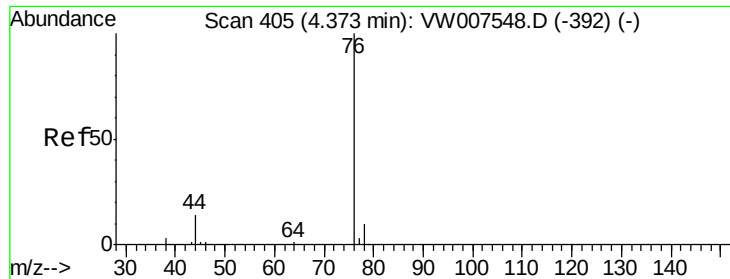
Tgt Ion: 43 Resp: 13861

Ion Ratio Lower Upper

43 100

58 28.2 24.9 37.3

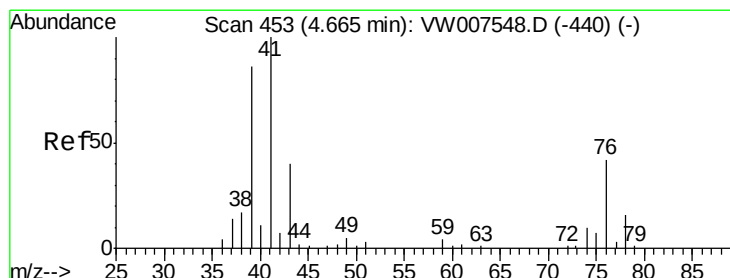
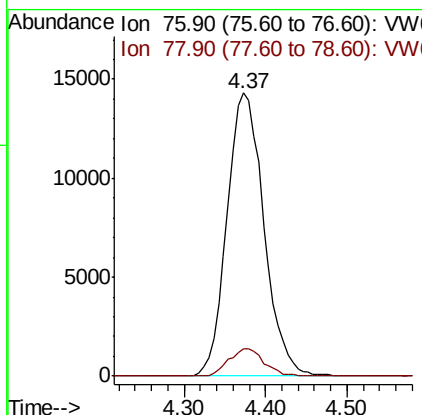
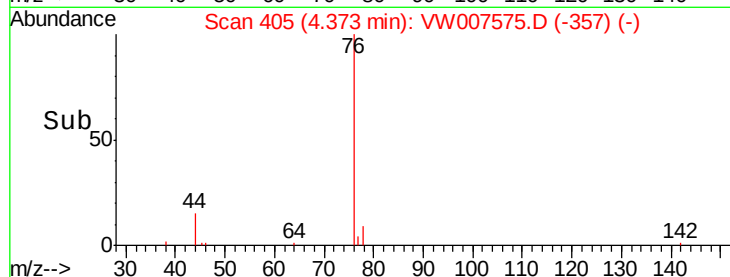
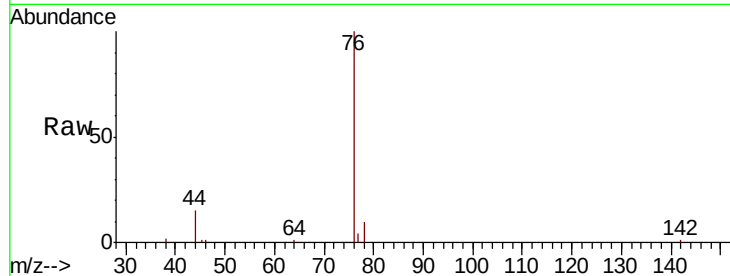




#17
Carbon Disulfide
Concen: 21.440 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

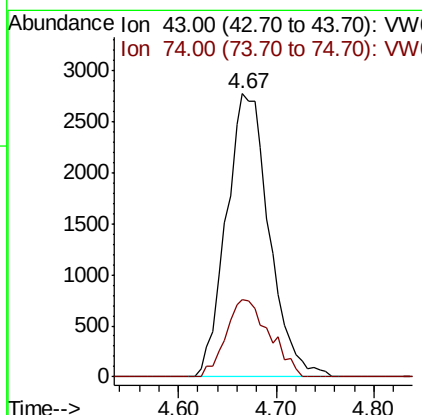
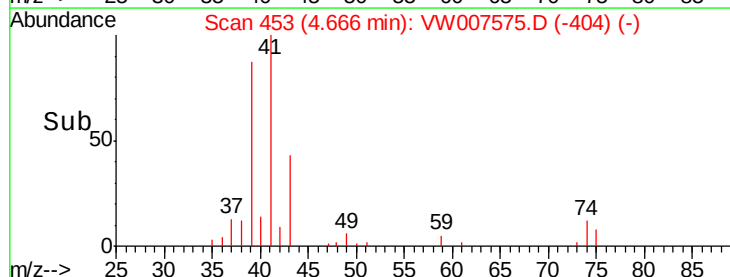
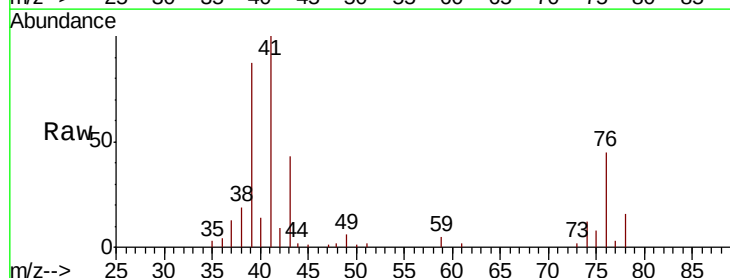
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

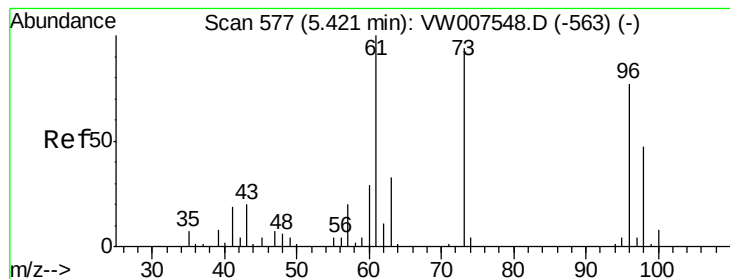
Tgt Ion: 76 Resp: 44741
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 22.906 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 43 Resp: 8452
Ion Ratio Lower Upper
43 100
74 27.5 21.1 31.7



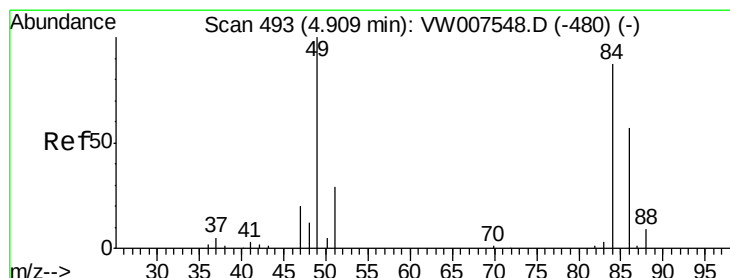
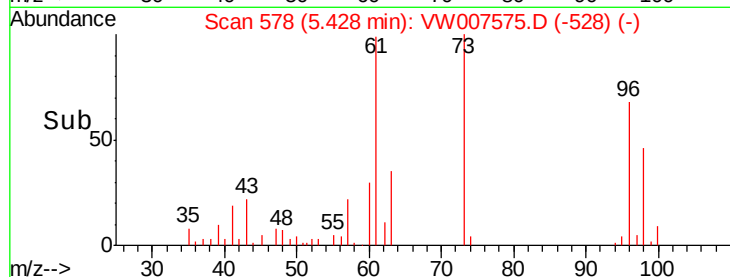
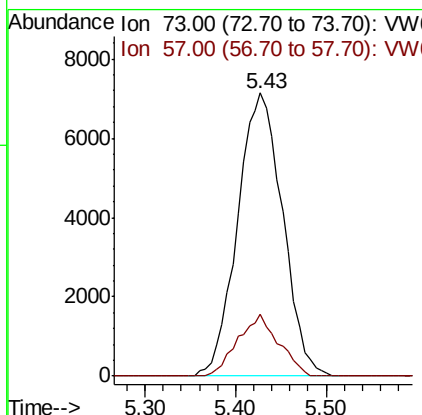
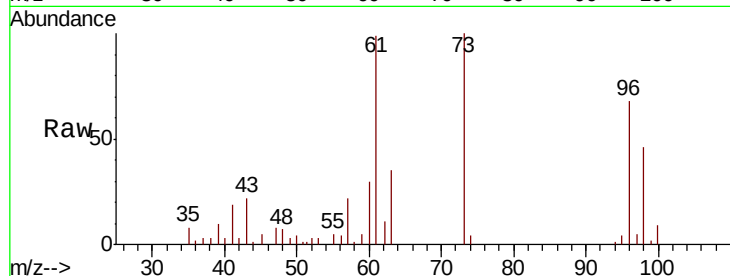


#19

Methyl tert-butyl Ether
 Concen: 23.641 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

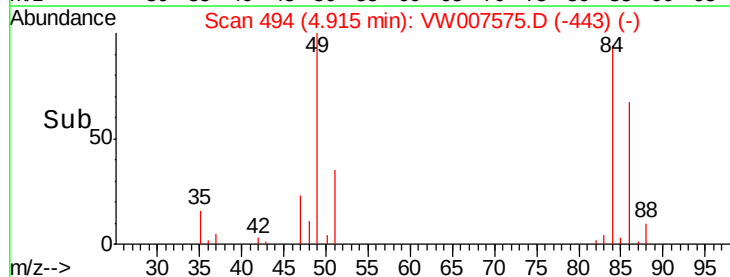
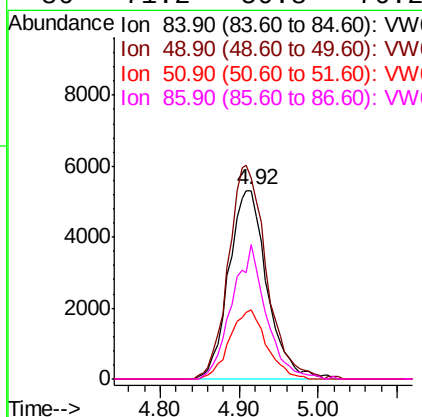
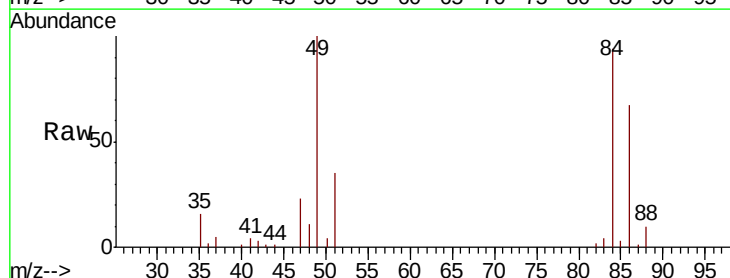
Tgt Ion: 73 Resp: 24545
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.4 24.6

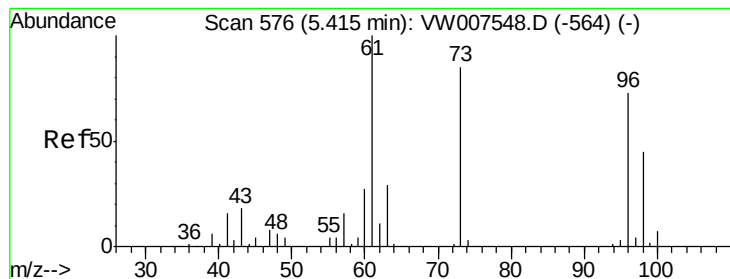


#20

Methylene Chloride
 Concen: 21.801 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 84 Resp: 17851
 Ion Ratio Lower Upper
 84 100
 49 106.2 87.1 130.7
 51 36.9 28.2 42.2
 86 71.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.680 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

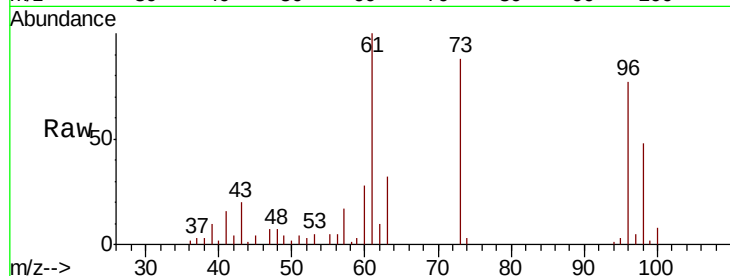
Tgt Ion: 96 Resp: 16691

Ion Ratio Lower Upper

96 100

61 129.2 105.0 157.6

98 62.0 49.7 74.5

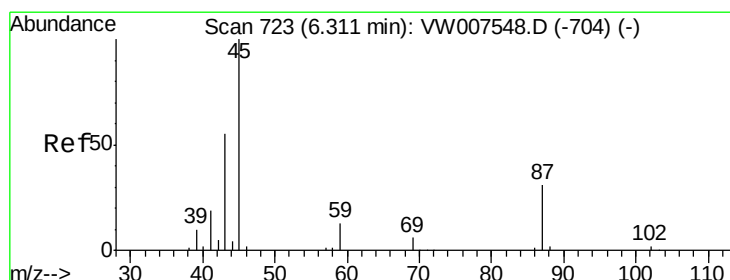
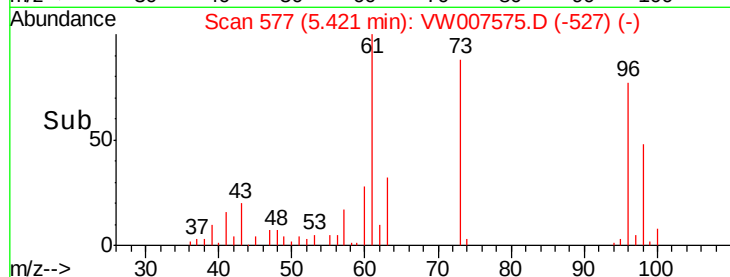
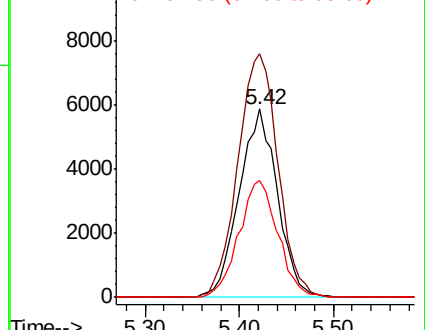


Abundance

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: 21.753 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Tgt Ion: 45 Resp: 42417

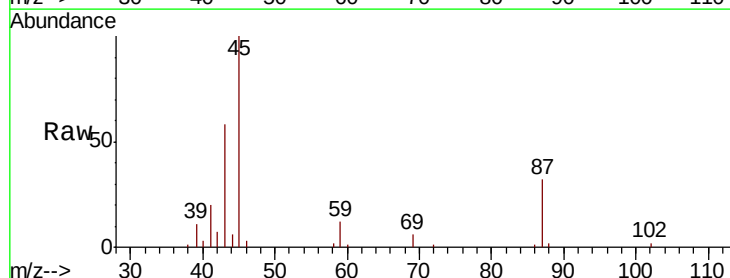
Ion Ratio Lower Upper

45 100

43 57.2 41.6 62.4

87 32.3 24.3 36.5

59 11.6 9.4 14.0



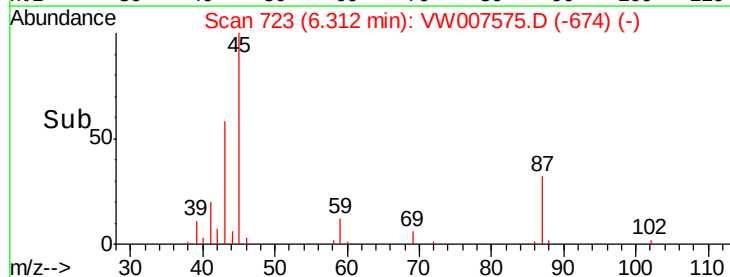
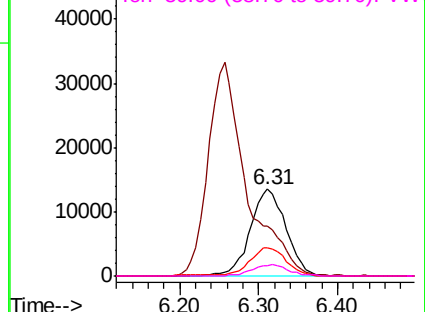
Abundance

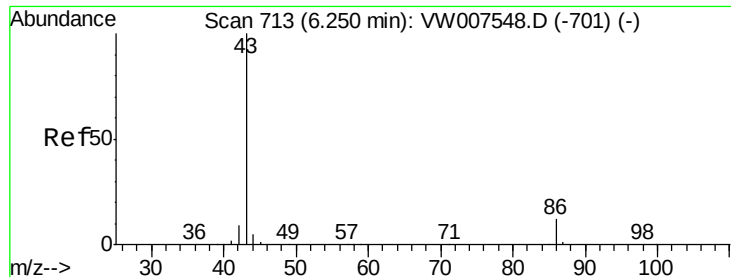
Ion 45.00 (44.70 to 45.70): VW

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: 103.560 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

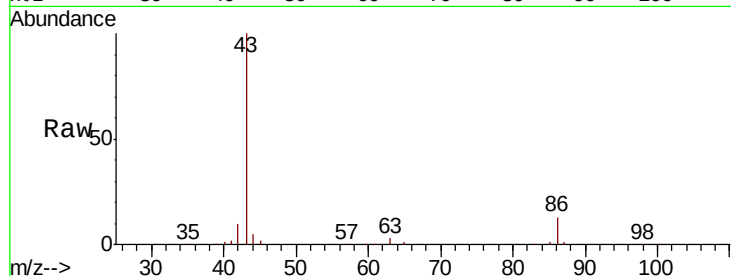
VW1217SBS03

Tgt Ion: 43 Resp: 112950

Ion Ratio Lower Upper

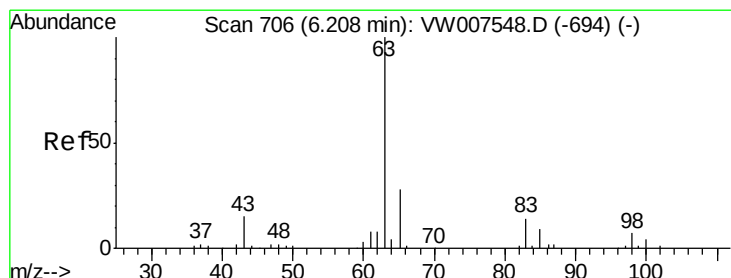
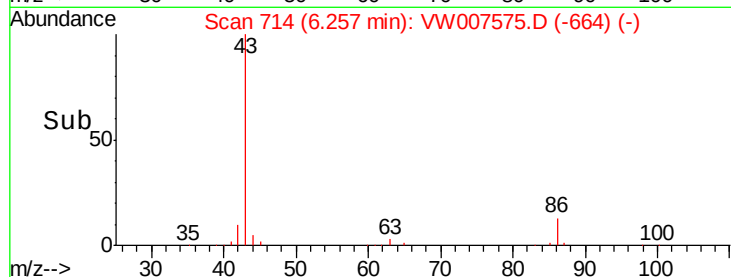
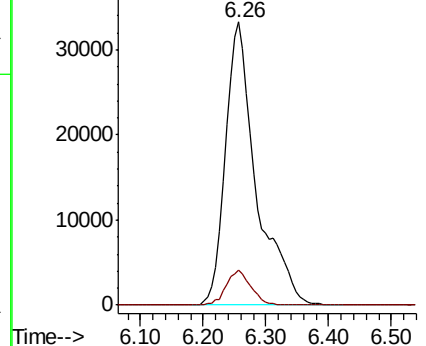
43 100

86 12.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.905 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

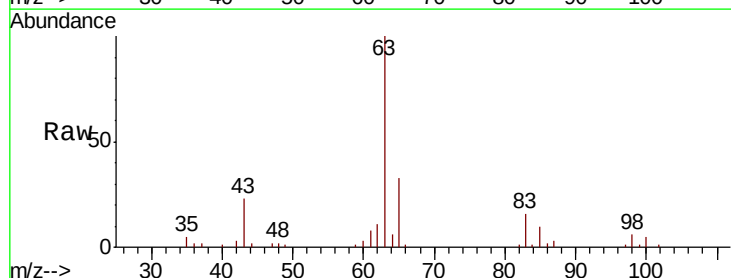
Tgt Ion: 63 Resp: 28869

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

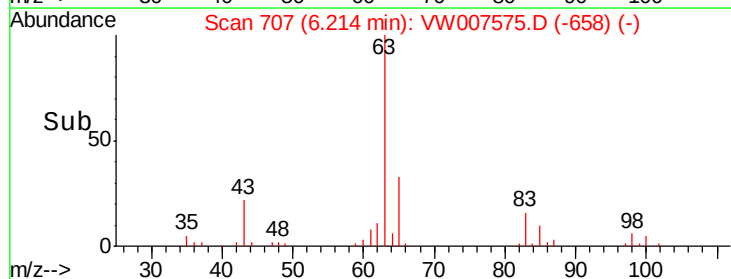
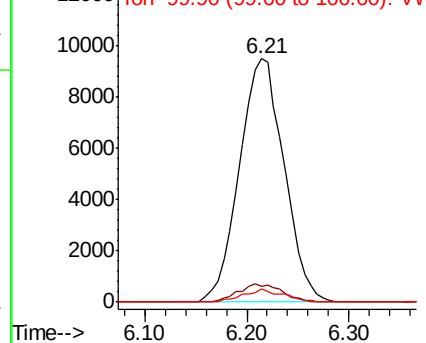
100 5.2 2.5 7.5

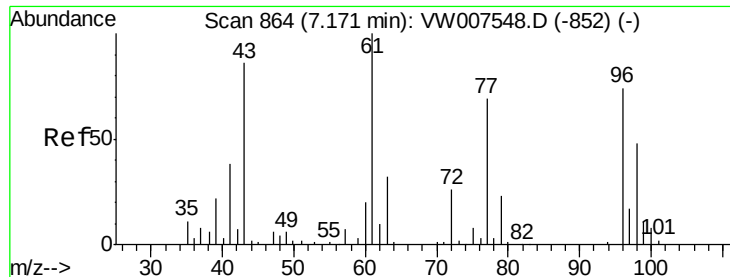


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

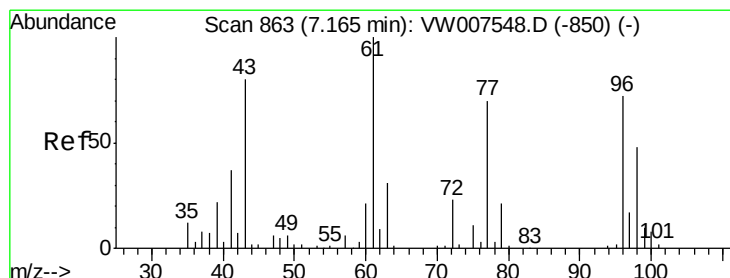
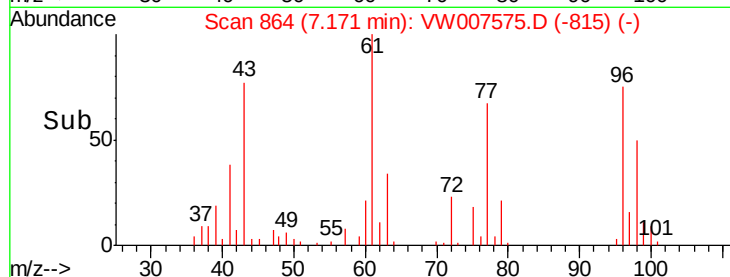
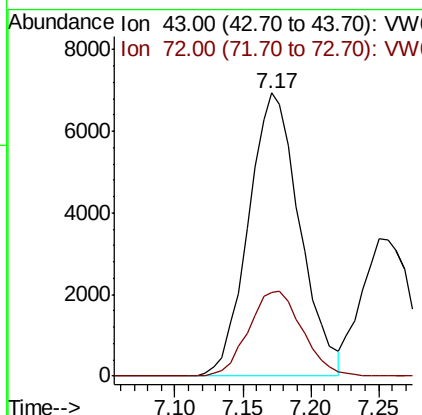
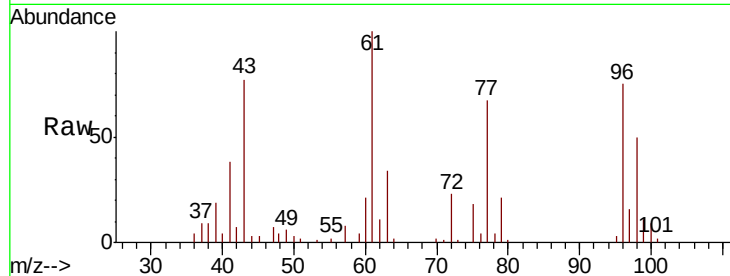




#25
2-Butanone
Concen: 103.179 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

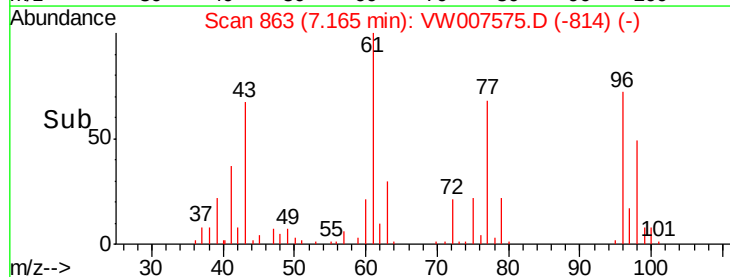
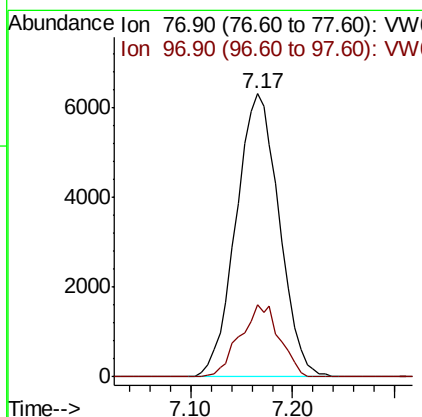
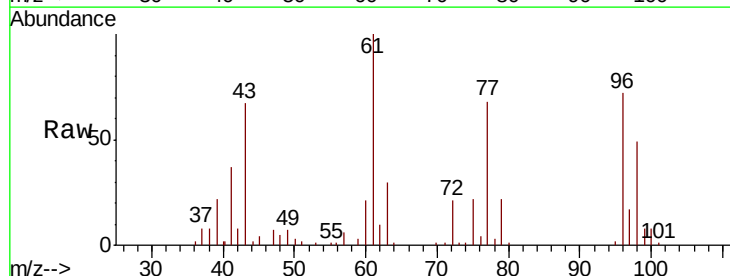
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

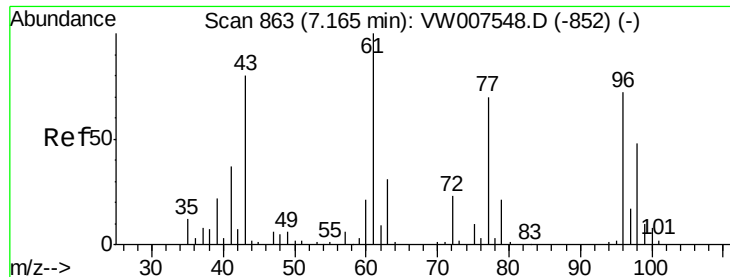
Tgt Ion: 43 Resp: 18313
Ion Ratio Lower Upper
43 100
72 29.5 23.4 35.2



#26
2,2-Dichloropropane
Concen: 21.246 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 77 Resp: 18531
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.8



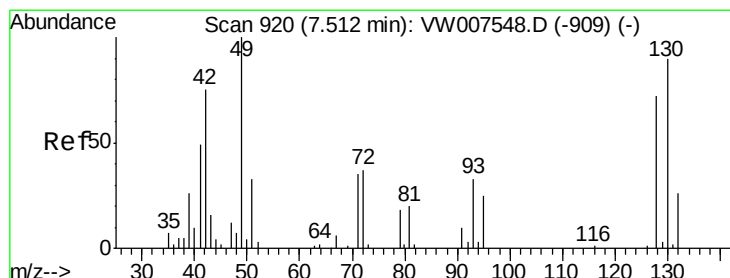
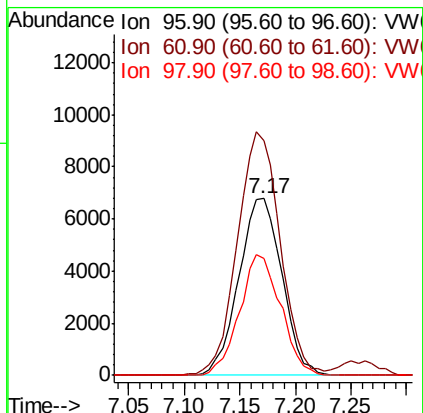
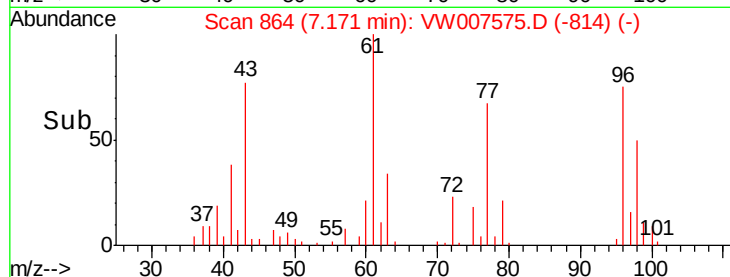
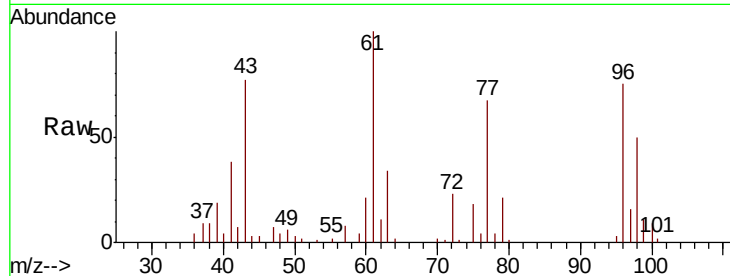


#27

cis-1,2-Dichloroethene
Concen: 21.685 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

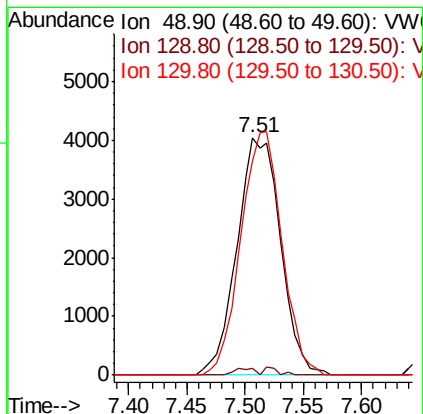
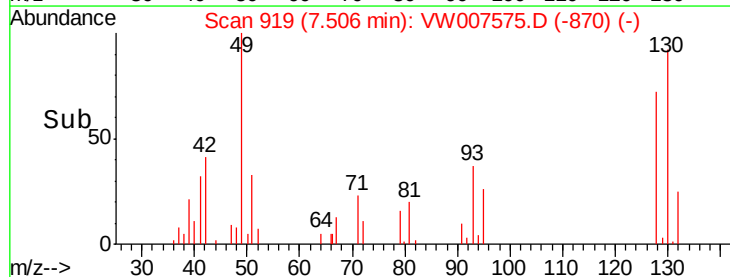
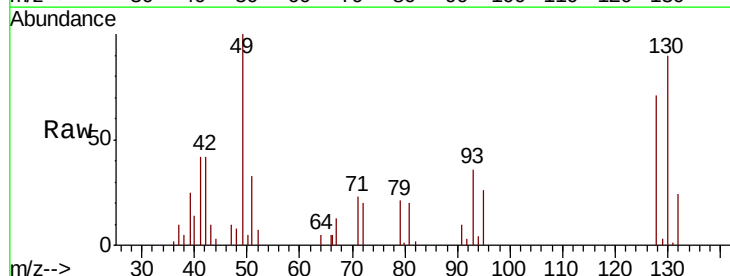
Tgt Ion: 96 Resp: 18280
Ion Ratio Lower Upper
96 100
61 136.7 0.0 268.4
98 65.0 0.0 127.8

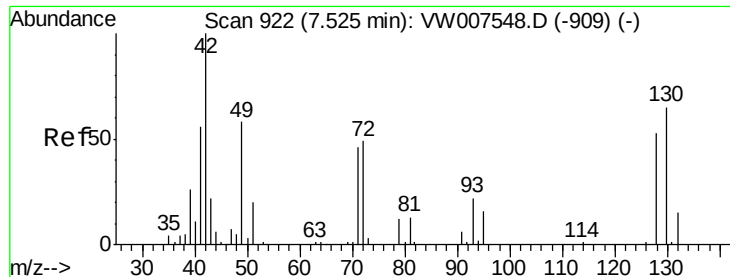


#28

Bromochloromethane
Concen: 21.325 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 49 Resp: 10571
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.6
130 0.0 75.9 113.9#





#29

Tetrahydrofuran

Concen: 110.340 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampled :

VW1217SBS03

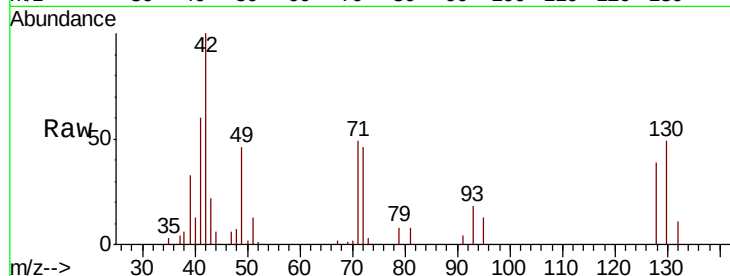
Tgt Ion: 42 Resp: 12398

Ion Ratio Lower Upper

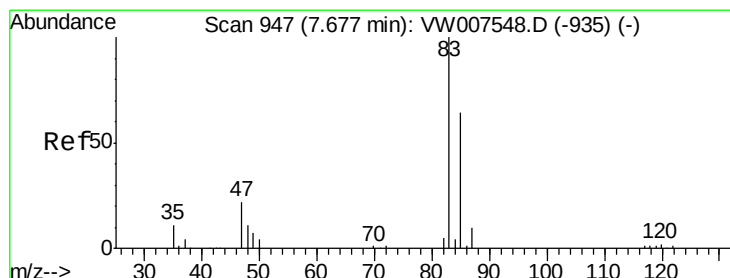
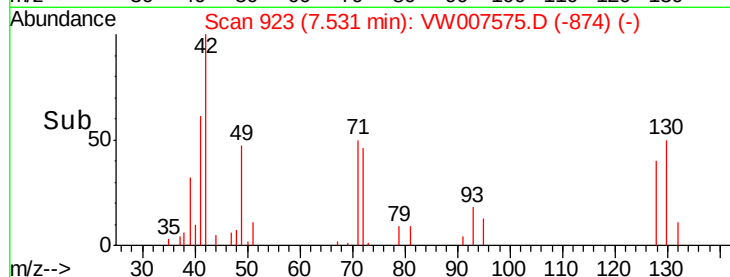
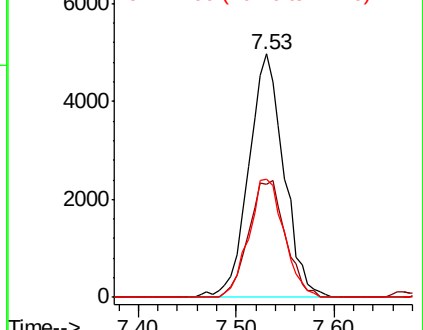
42 100

72 50.2 38.2 57.4

71 48.6 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: 22.174 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW007575.D

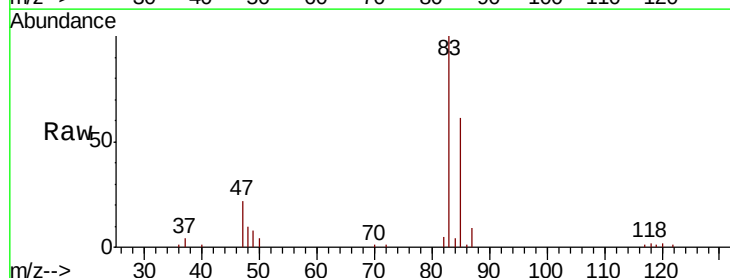
Acq: 15 Dec 2018 12:17

Tgt Ion: 83 Resp: 31801

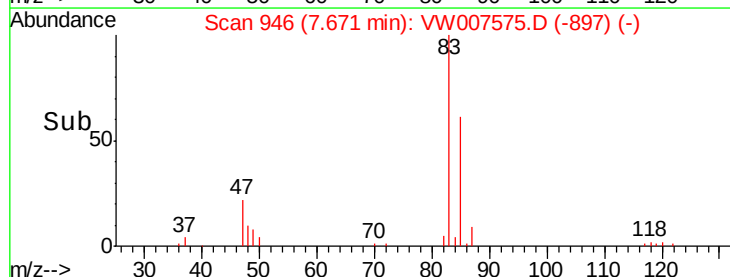
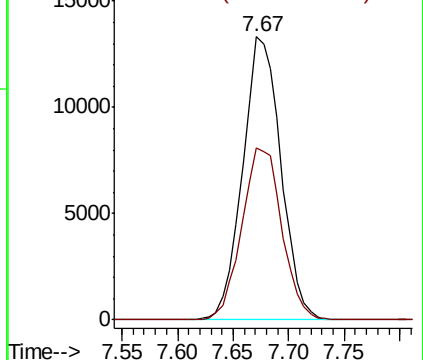
Ion Ratio Lower Upper

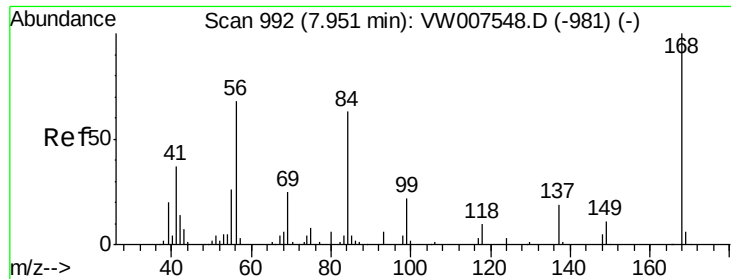
83 100

85 60.9 51.8 77.8



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

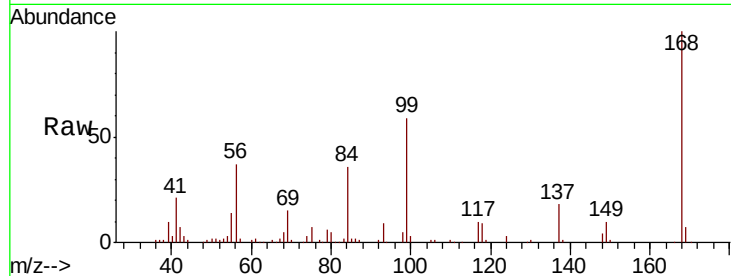




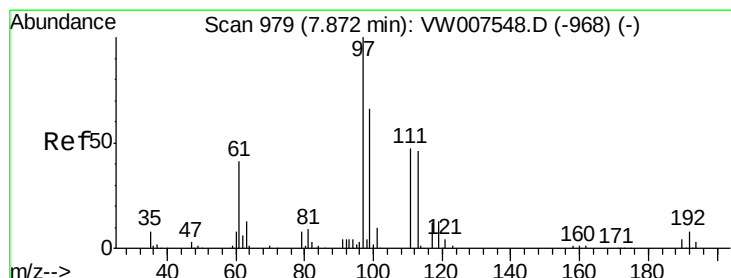
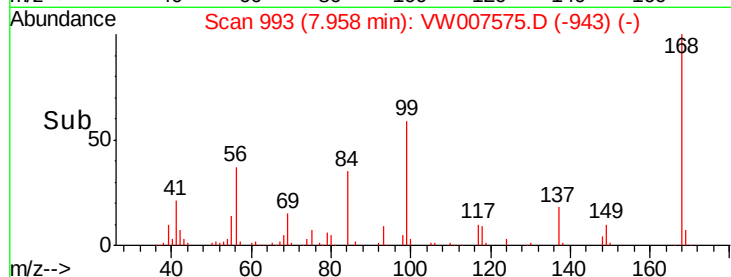
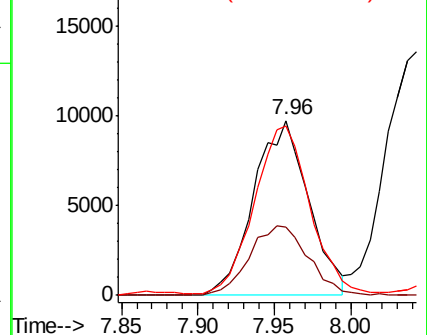
#31
Cyclohexane
Concen: 20.090 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

Tgt Ion: 56 Resp: 24292
Ion Ratio Lower Upper
56 100
69 39.1 28.9 43.3
84 95.7 71.8 107.6

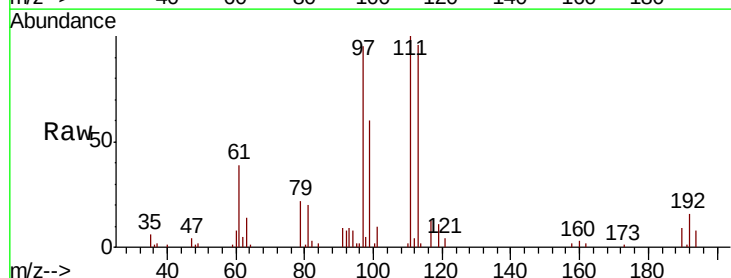


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

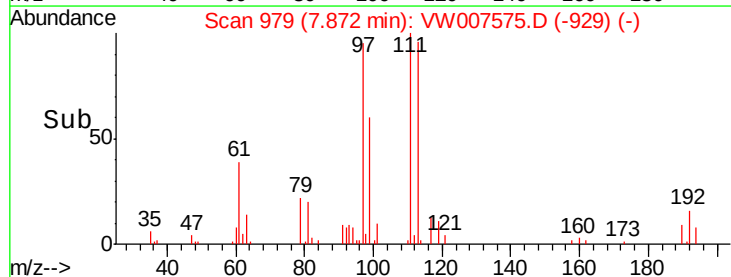
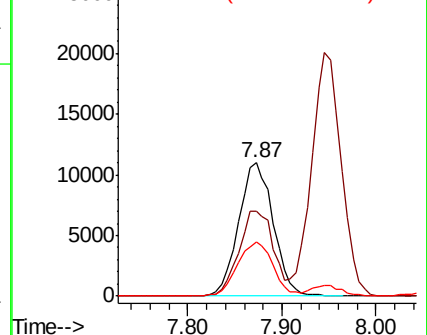


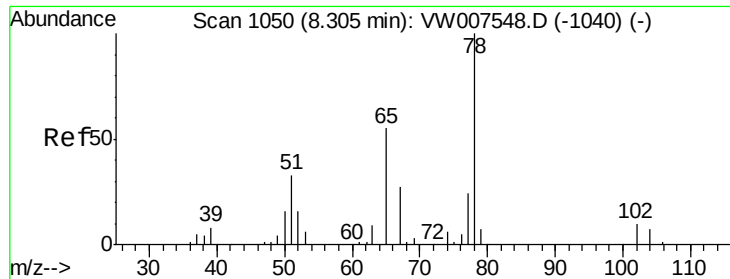
#32
1,1,1-Trichloroethane
Concen: 22.396 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 97 Resp: 28167
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 41.3 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

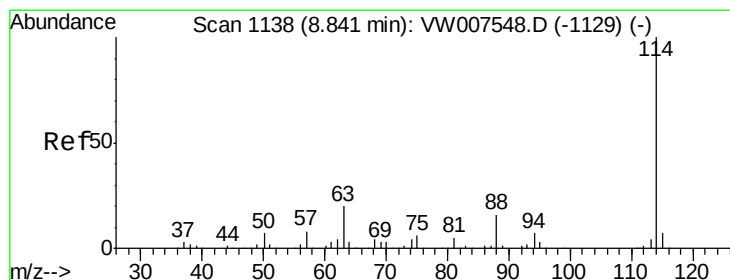
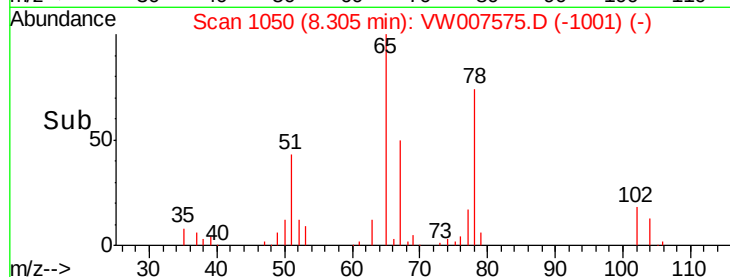
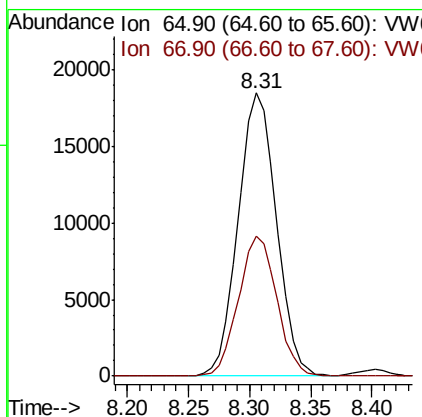
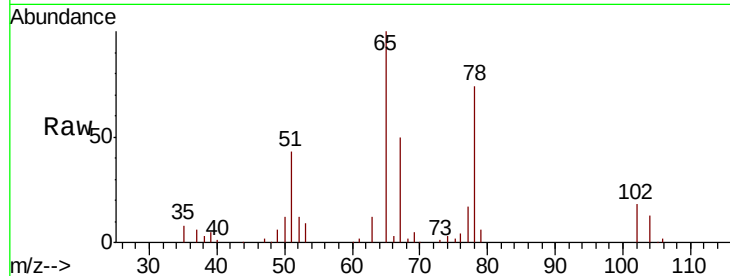




#33
 1,2-Dichloroethane-d4
 Concen: 51.582 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

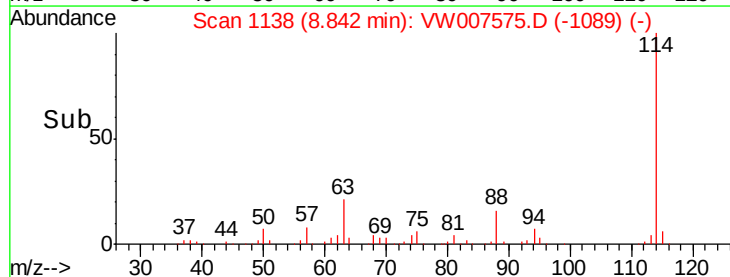
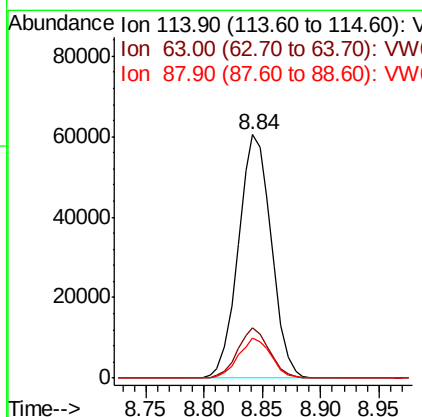
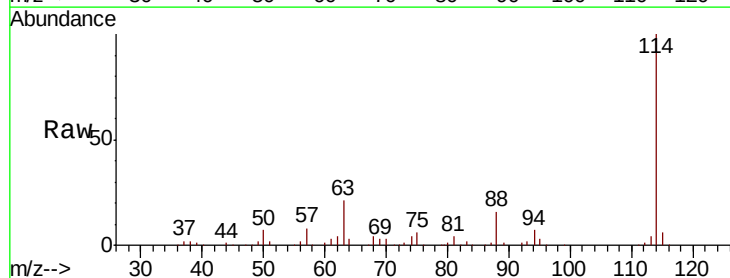
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

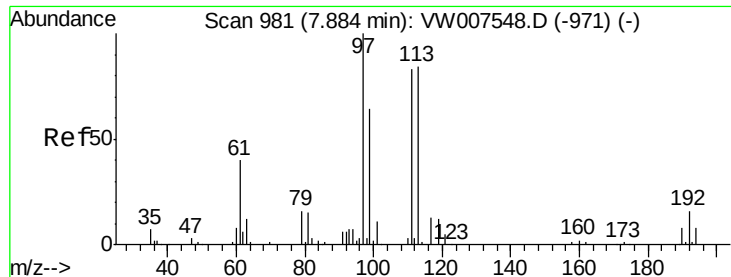
Tgt Ion: 65 Resp: 40149
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 114 Resp: 119070
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 16.4 0.0 31.4

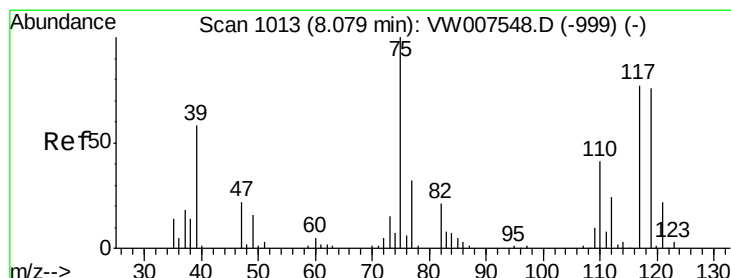
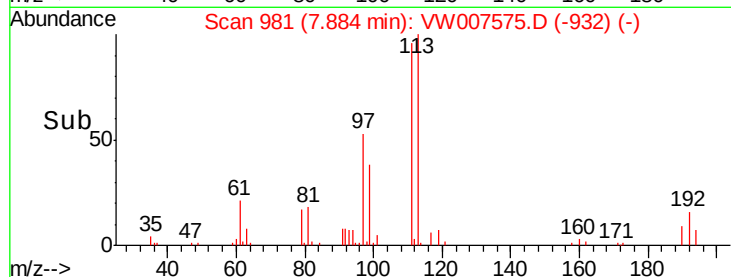
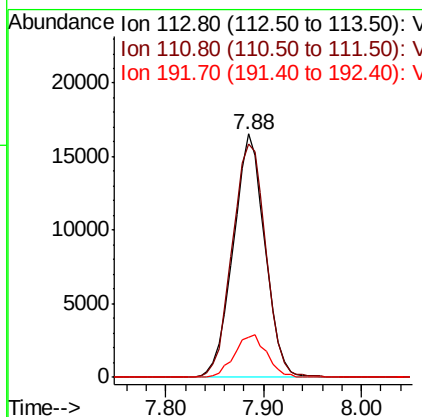
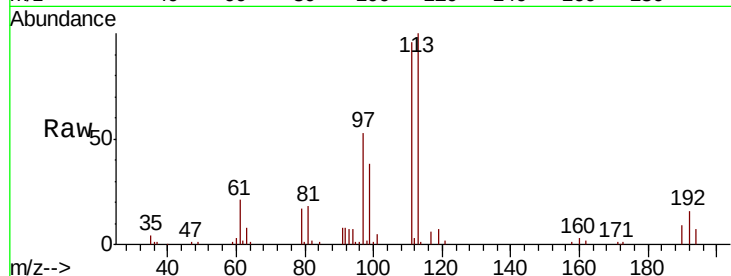




#35
 Dibromofluoromethane
 Concen: 51.576 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

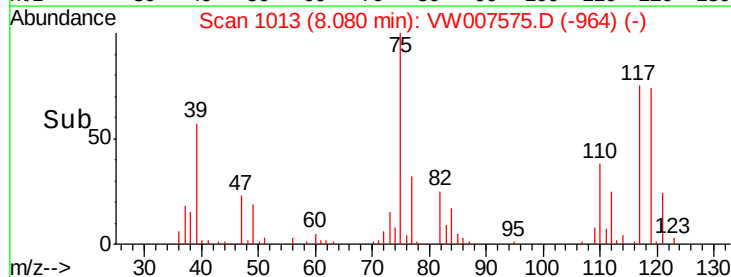
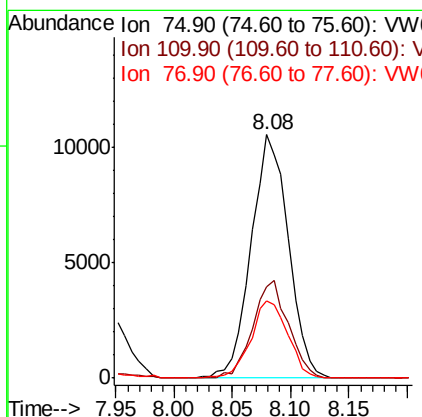
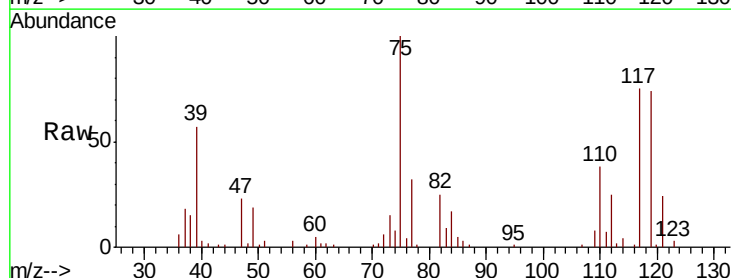
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

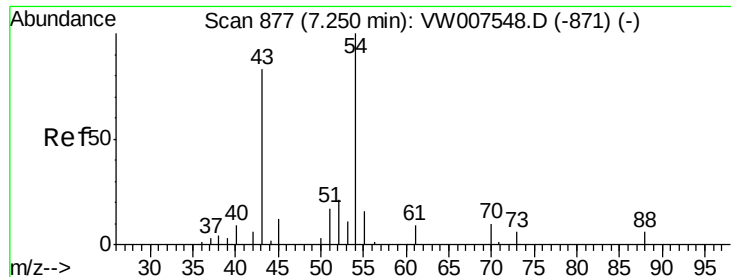
Tgt Ion: 113 Resp: 37175
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 21.549 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 75 Resp: 23406
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.5 55.5
 77 31.6 25.6 38.4

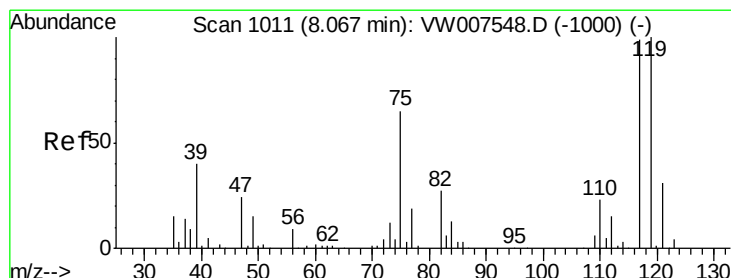
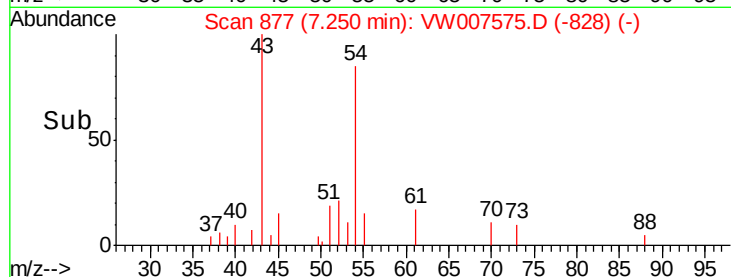
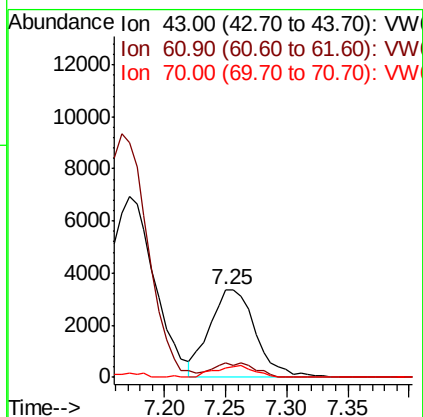
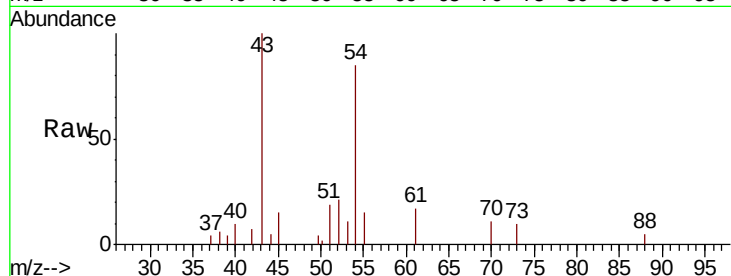




#37
Ethyl Acetate
Concen: 21.758 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

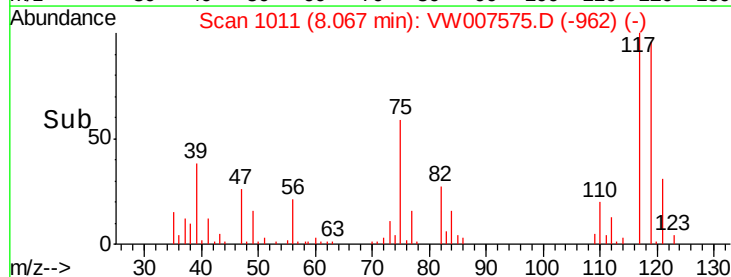
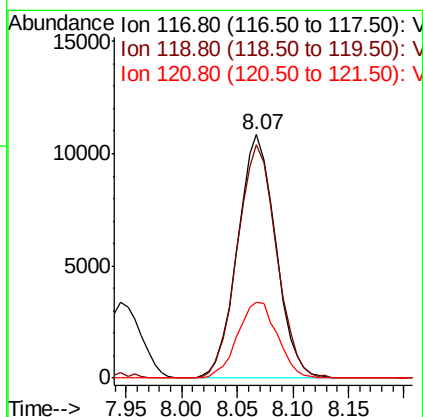
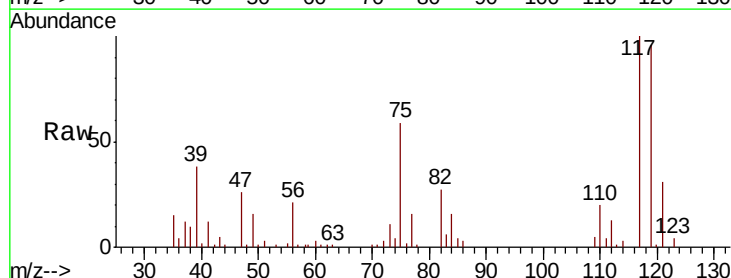
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

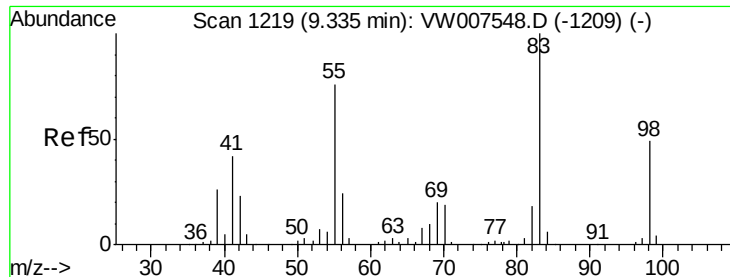
Tgt Ion: 43 Resp: 8790
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 11.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.917 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 117 Resp: 25903
Ion Ratio Lower Upper
117 100
119 95.9 74.3 111.5
121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 21.529 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

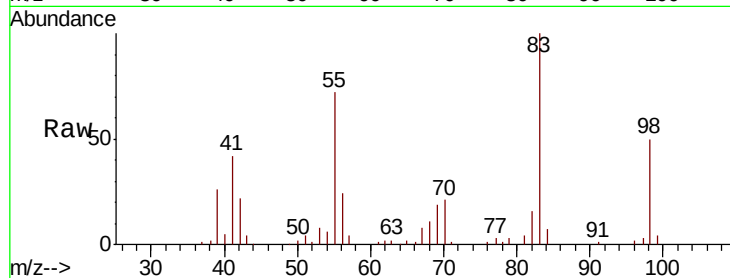
Tgt Ion: 83 Resp: 28317

Ion Ratio Lower Upper

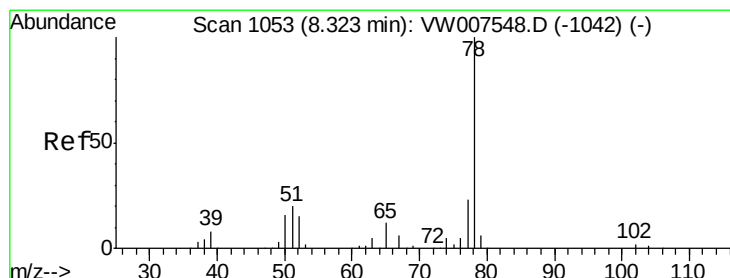
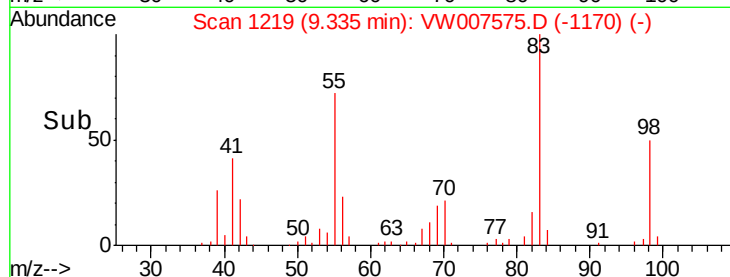
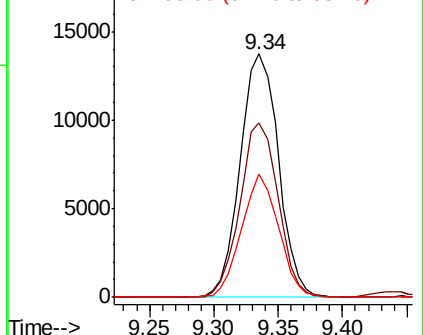
83 100

55 71.7 62.8 94.2

98 50.5 42.2 63.2



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



#40

Benzene

Concen: 21.988 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007575.D

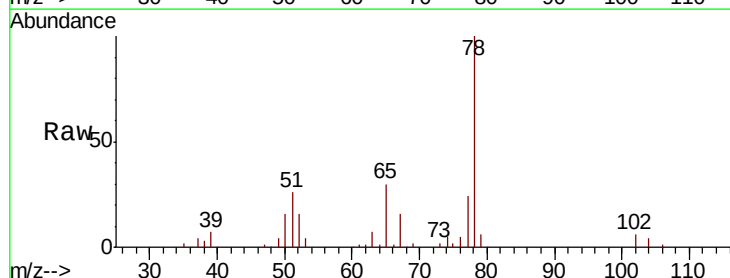
Acq: 15 Dec 2018 12:17

Tgt Ion: 78 Resp: 66282

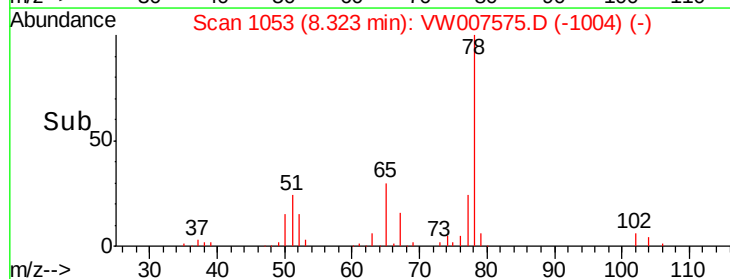
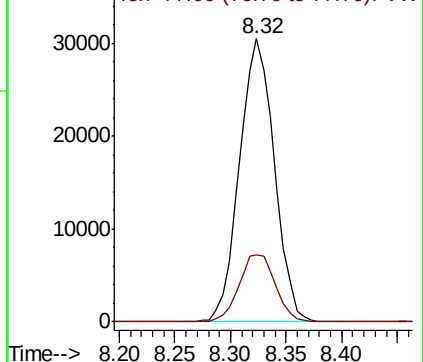
Ion Ratio Lower Upper

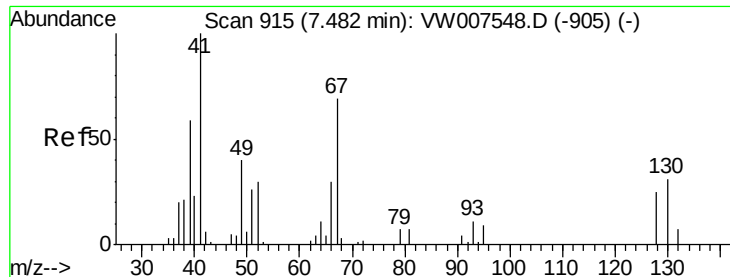
78 100

77 23.6 18.8 28.2



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

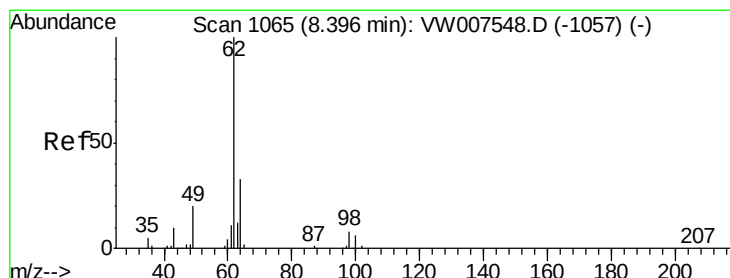
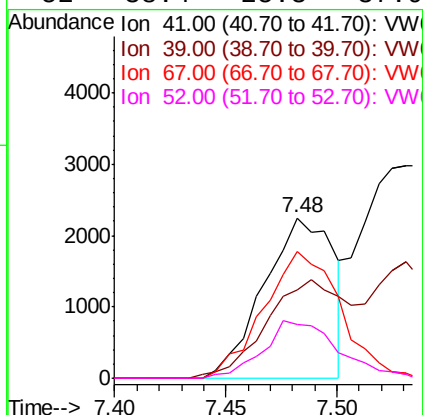
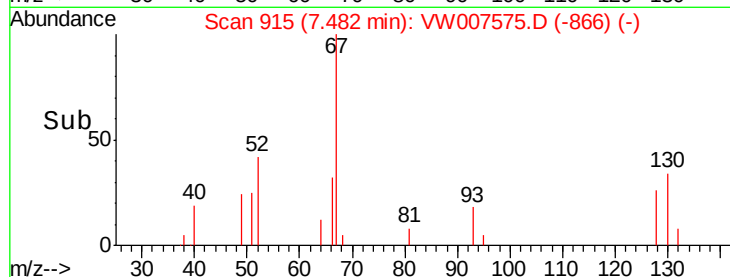
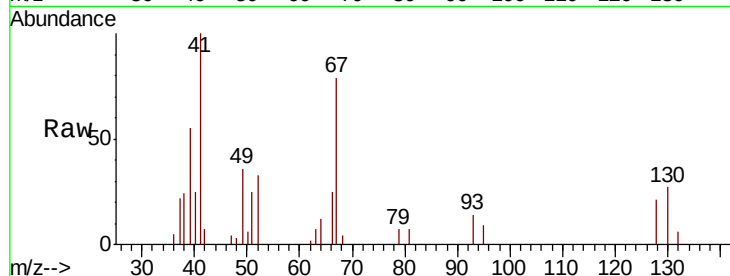




#41
Methacrylonitrile
Concen: 21.312 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

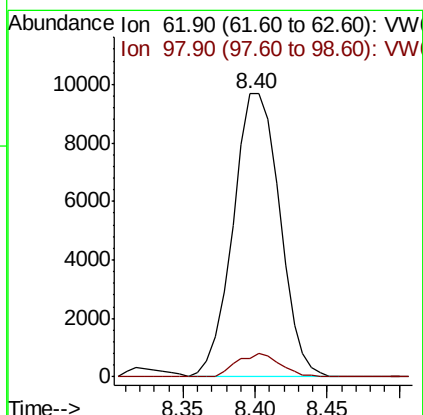
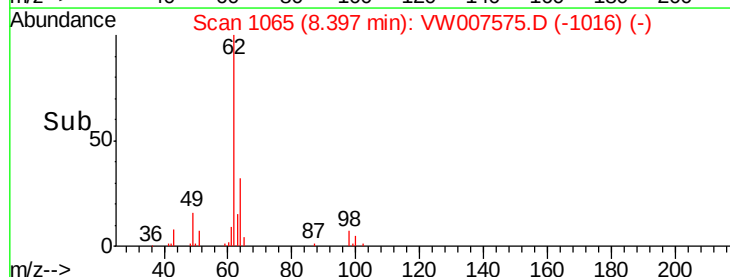
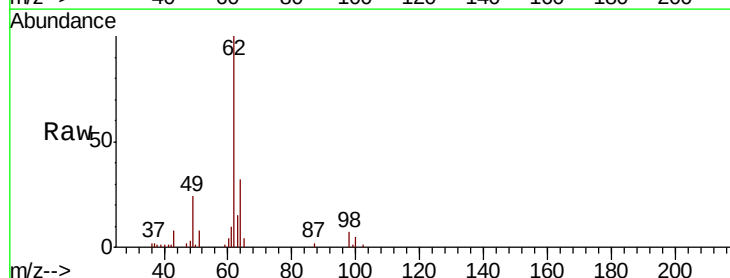
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

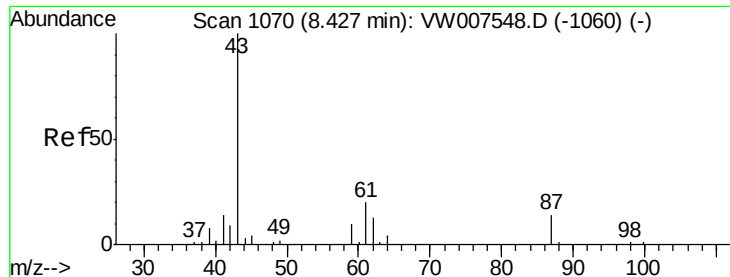
Tgt Ion: 41 Resp: 4903
Ion Ratio Lower Upper
41 100
39 69.1 52.2 78.2
67 86.5 60.5 90.7
52 38.4 25.3 37.9#



#42
1,2-Dichloroethane
Concen: 23.043 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 62 Resp: 21820
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 22.057 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

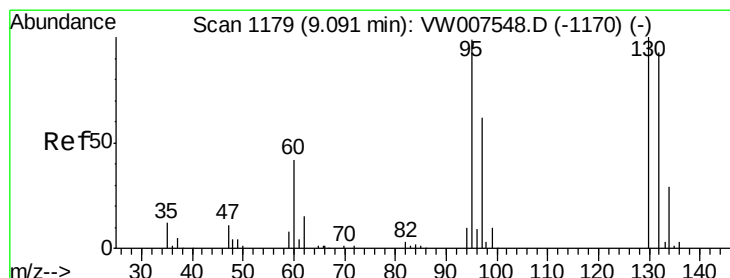
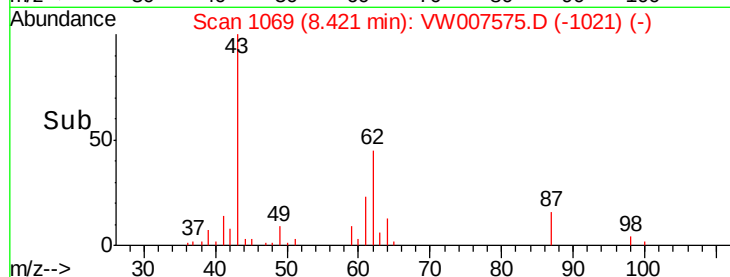
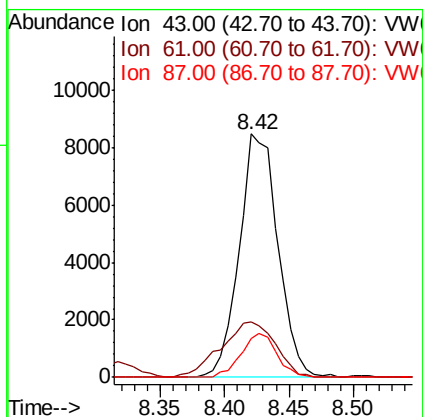
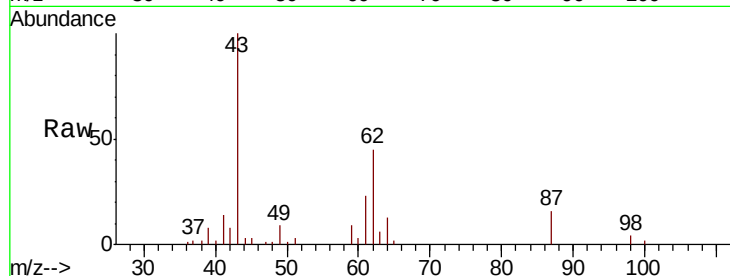
Tgt Ion: 43 Resp: 17602

Ion Ratio Lower Upper

43 100

61 32.1 25.3 37.9

87 16.6 11.8 17.8



#44

Trichloroethene

Concen: 22.622 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007575.D

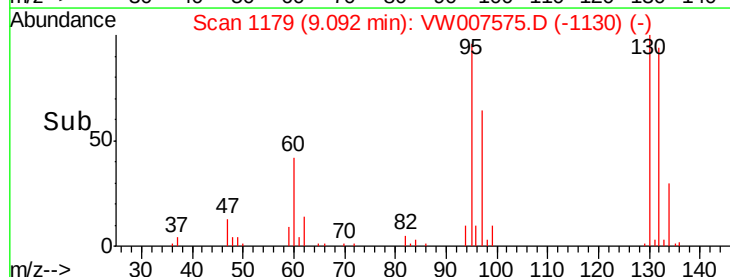
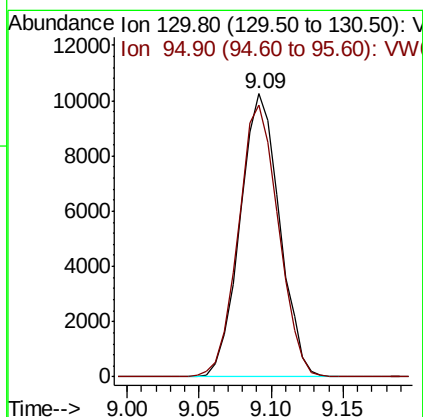
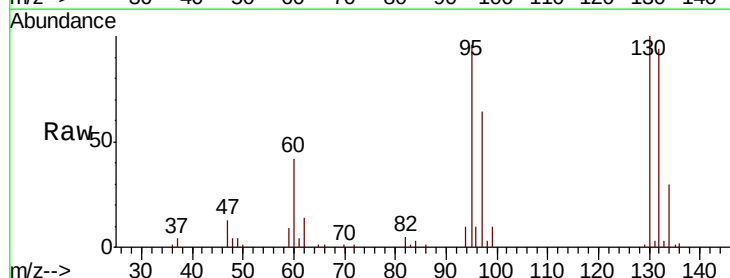
Acq: 15 Dec 2018 12:17

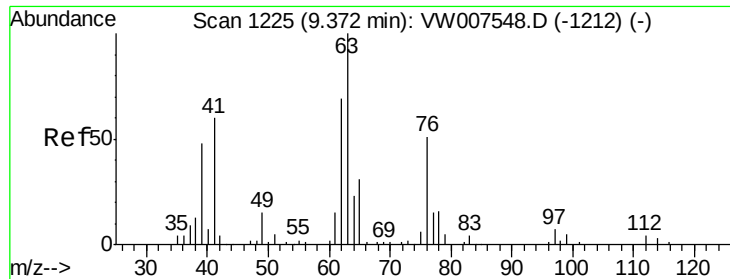
Tgt Ion: 130 Resp: 19473

Ion Ratio Lower Upper

130 100

95 96.2 0.0 193.2

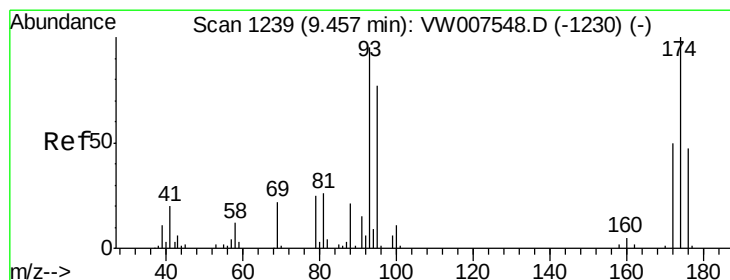
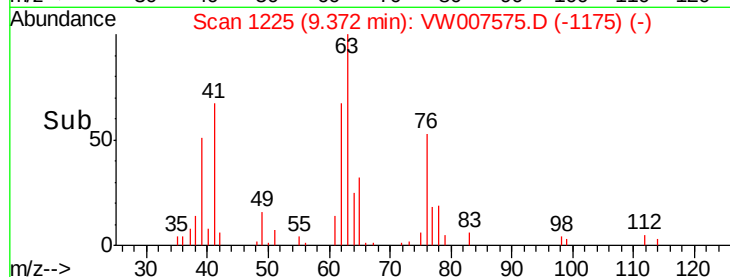
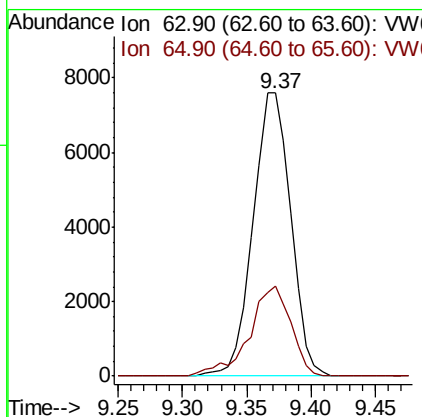
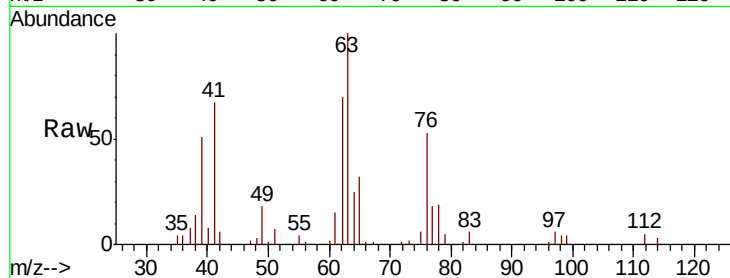




#45
 1,2-Dichloropropane
 Concen: 22.067 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

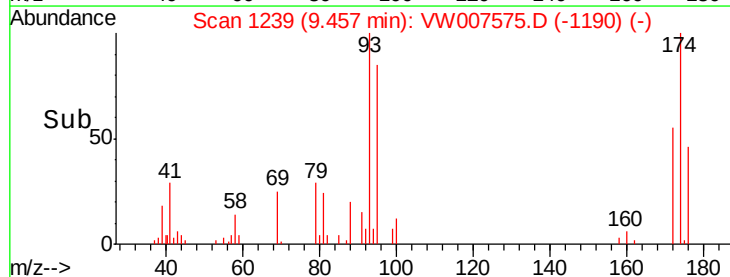
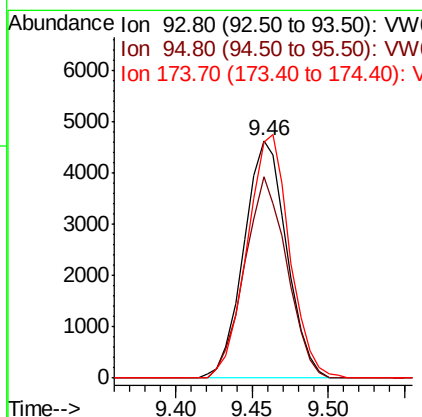
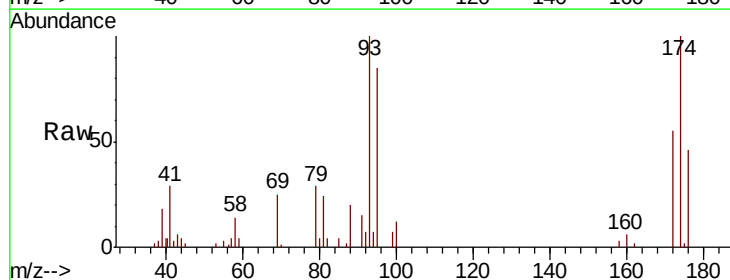
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

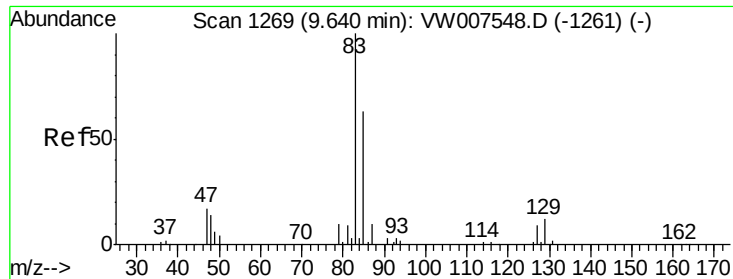
Tgt Ion: 63 Resp: 15393
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 22.687 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 93 Resp: 8987
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.0 102.0
 174 102.0 83.2 124.8

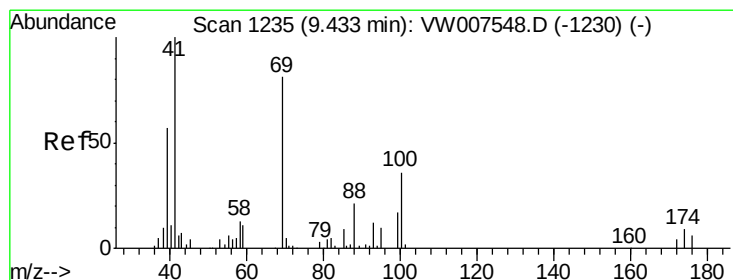
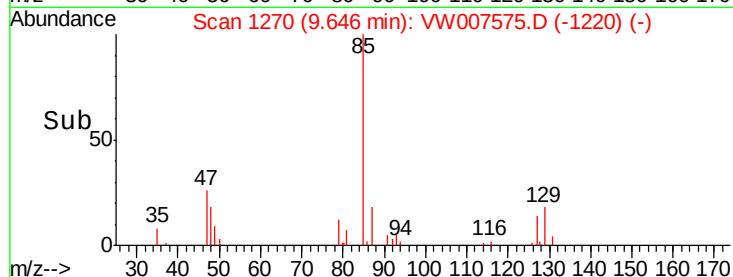
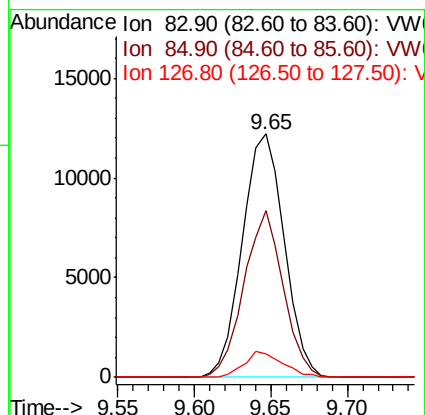
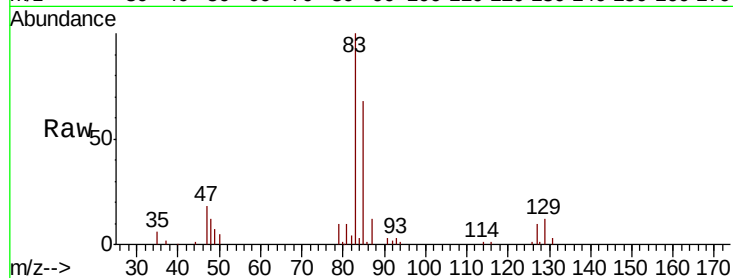




#47
 Bromodichloromethane
 Concen: 22.390 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

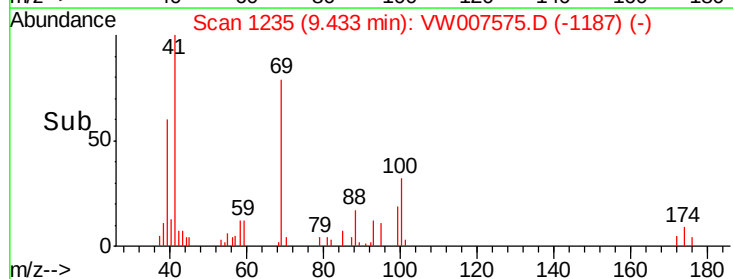
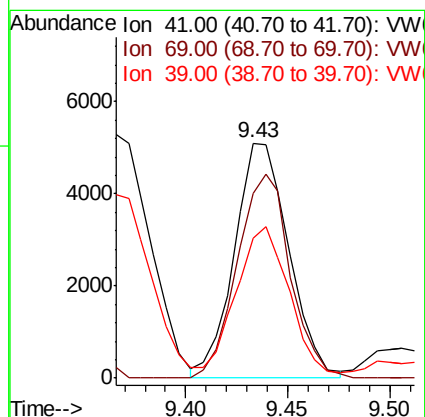
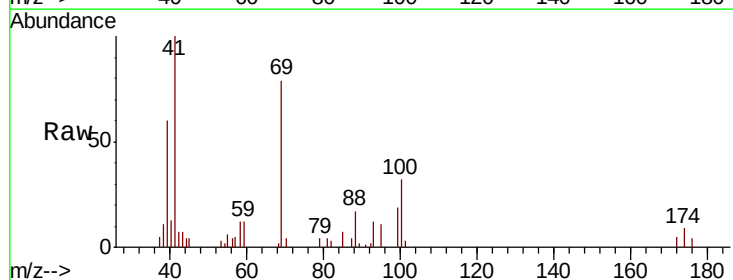
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

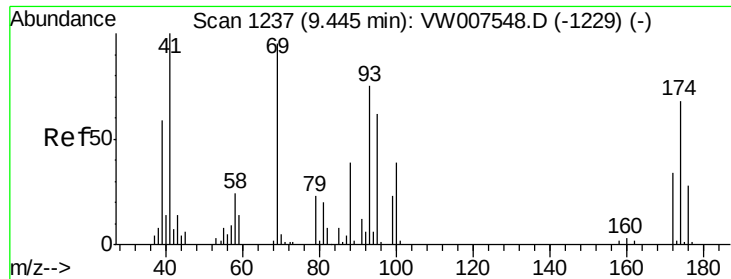
Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	47.6	71.4
127	9.6	6.7	10.1



#48
 Methyl methacrylate
 Concen: 23.126 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.5	69.8	104.8
39	64.1	50.9	76.3

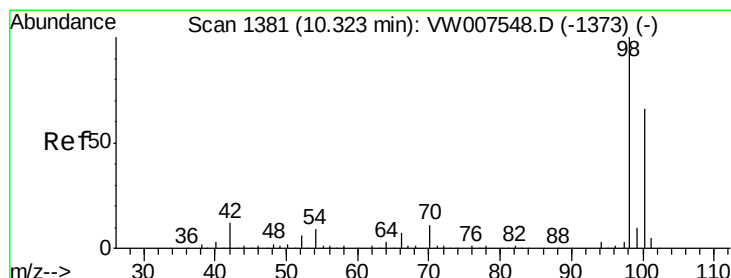
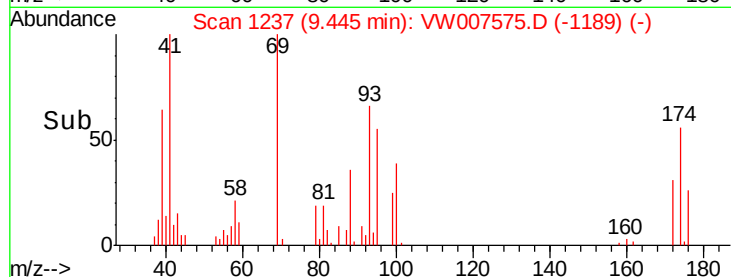
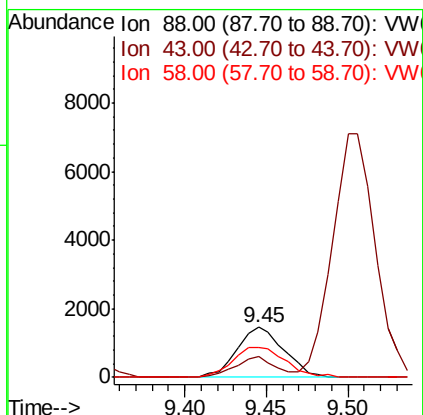
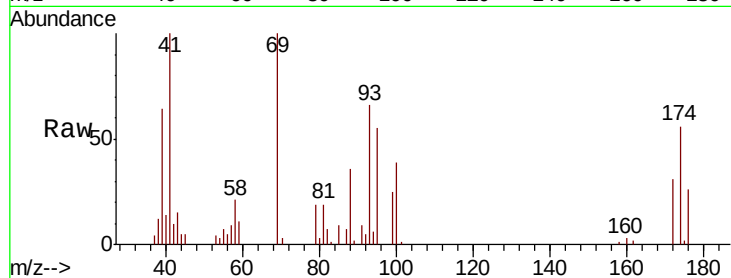




#49
 1,4-Dioxane
 Concen: 451.491 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

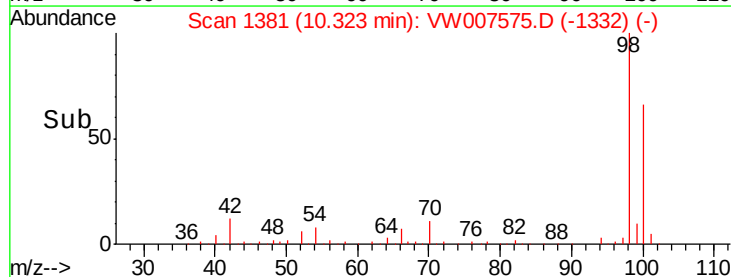
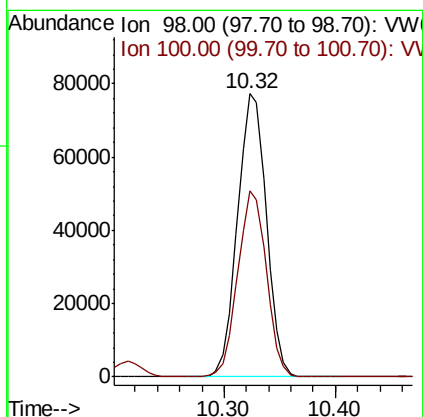
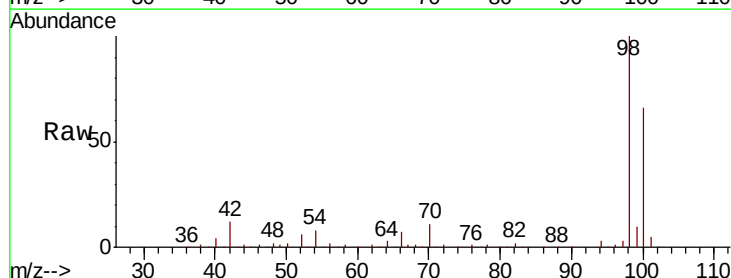
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

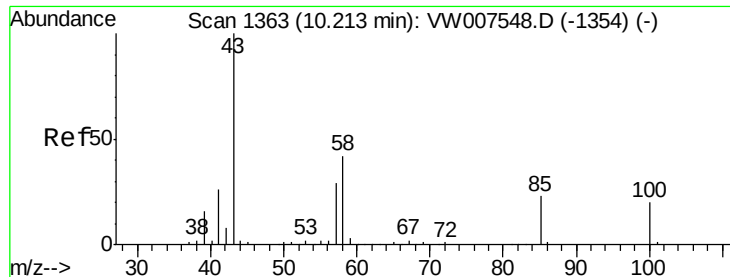
Tgt Ion: 88 Resp: 2902
 Ion Ratio Lower Upper
 88 100
 43 36.8 25.0 37.4
 58 68.2 51.4 77.2



#50
 Toluene-d8
 Concen: 51.445 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 98 Resp: 139030
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 110.791 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

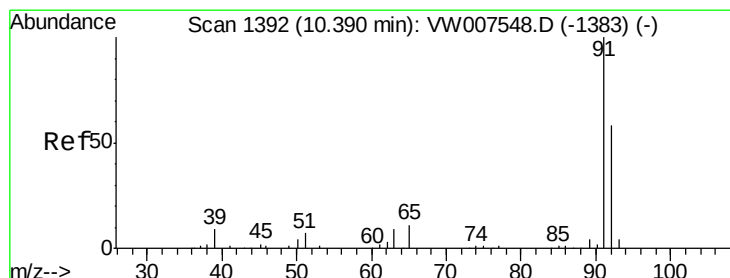
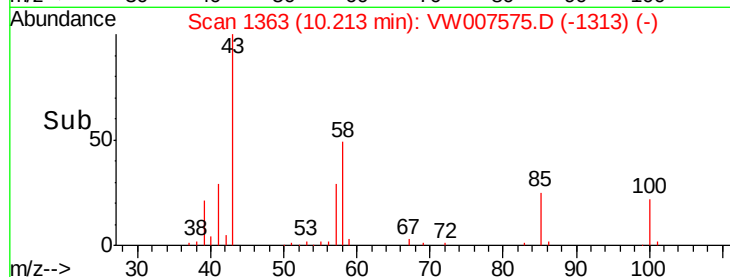
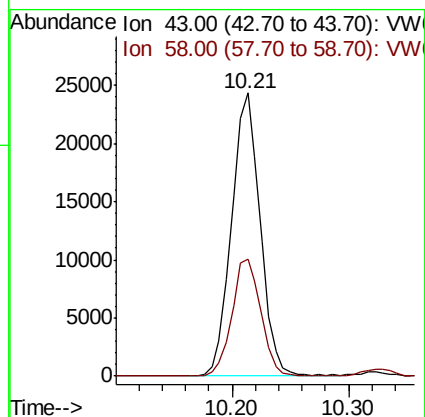
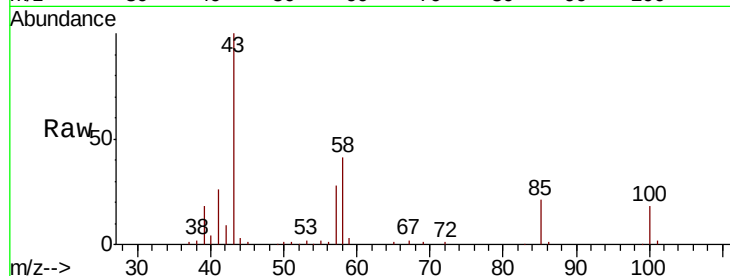
VW1217SBS03

Tgt Ion: 43 Resp: 41775

Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7



#52

Toluene

Concen: 22.692 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007575.D

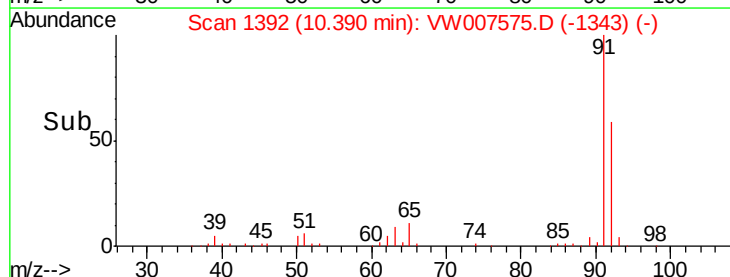
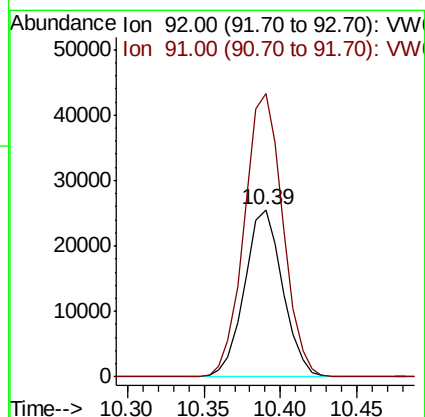
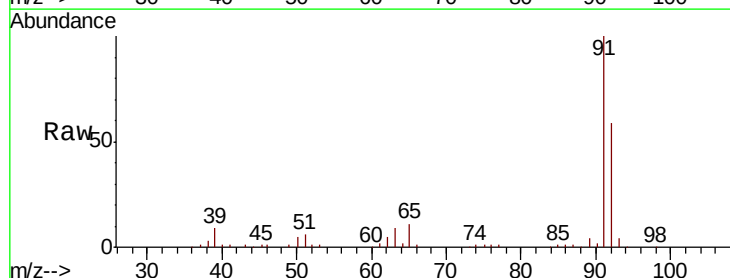
Acq: 15 Dec 2018 12:17

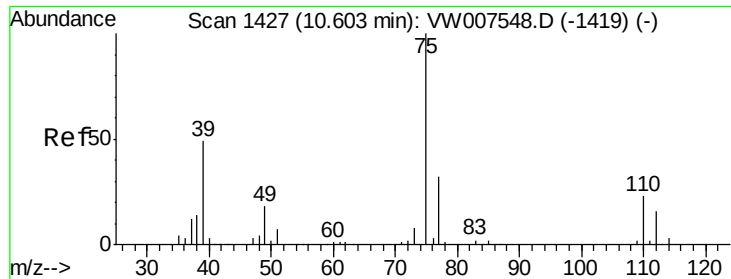
Tgt Ion: 92 Resp: 44267

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 22.889 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampled :

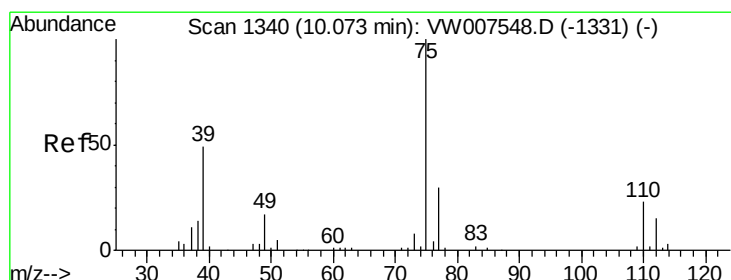
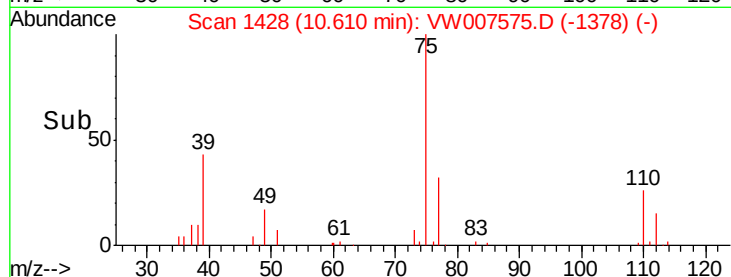
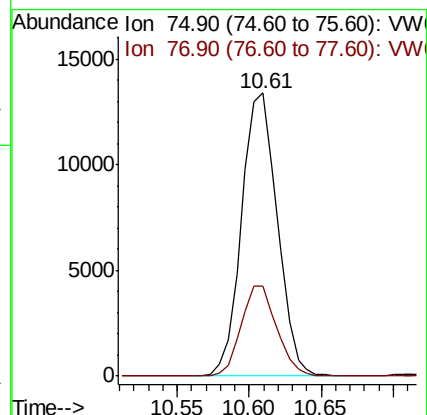
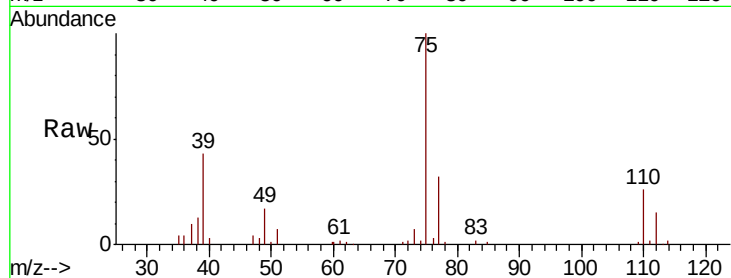
VW1217SBS03

Tgt Ion: 75 Resp: 23090

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 21.800 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

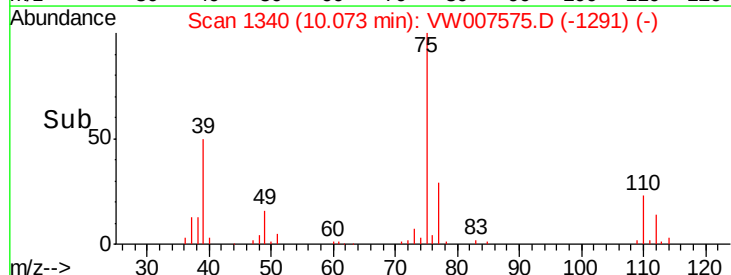
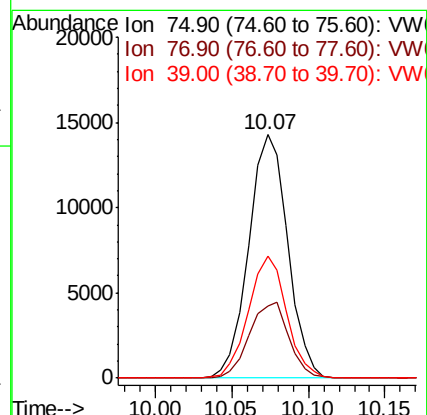
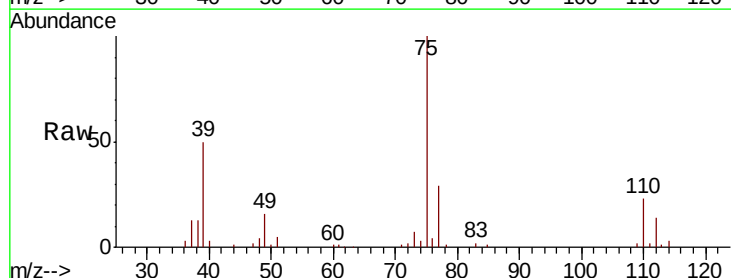
Tgt Ion: 75 Resp: 25422

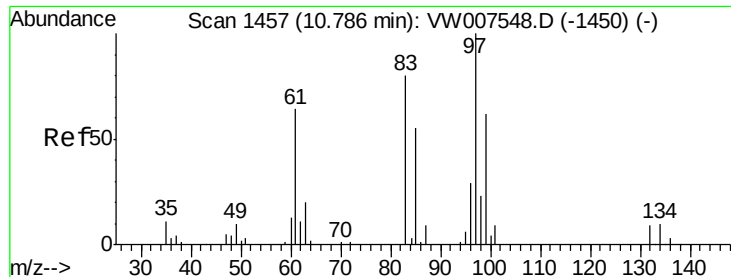
Ion Ratio Lower Upper

75 100

77 29.5 24.8 37.2

39 50.2 40.9 61.3

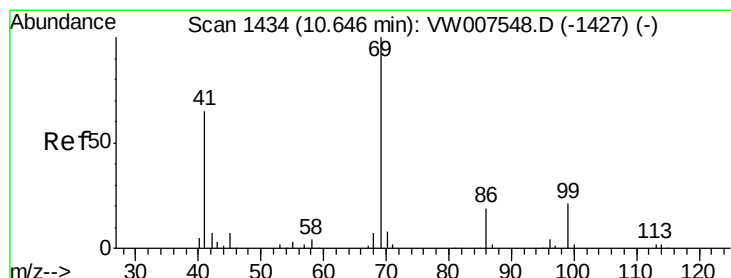
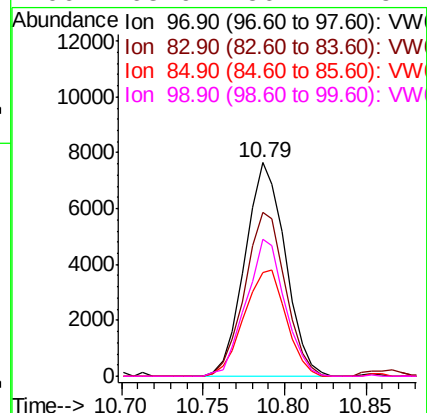
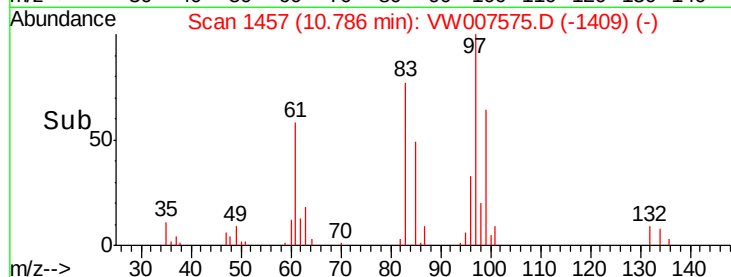
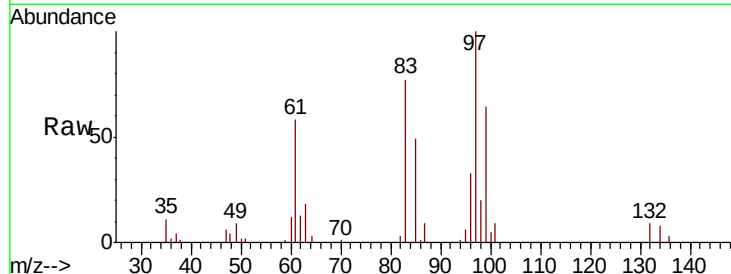




#55
 1,1,2-Trichloroethane
 Concen: 24.476 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

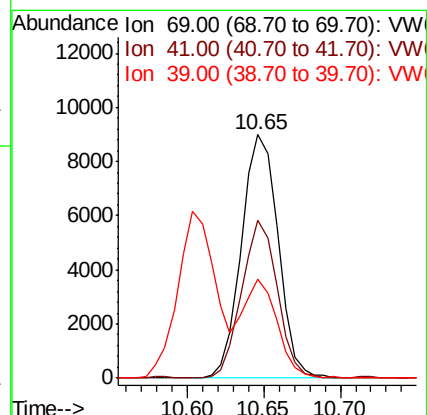
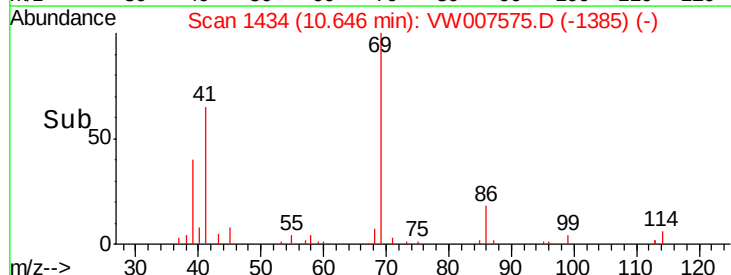
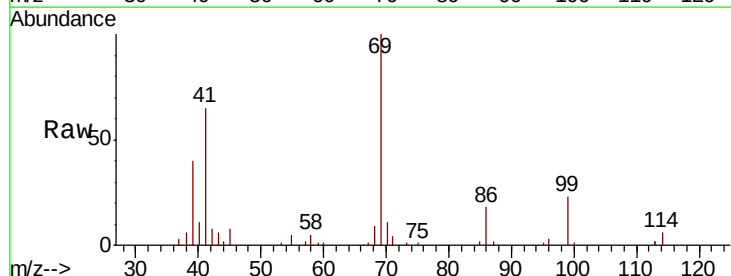
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

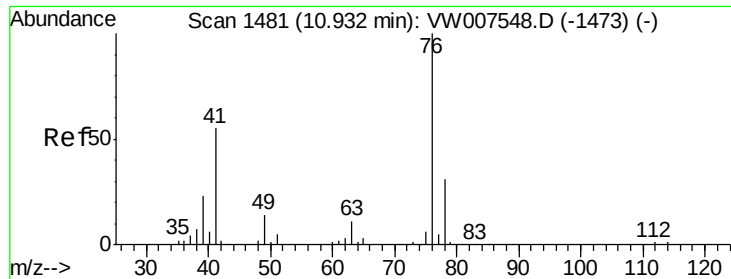
Tgt Ion:	97	Resp:	13196
Ion	Ratio	Lower	Upper
97	100		
83	76.8	62.1	93.1
85	48.5	44.2	66.4
99	63.9	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 23.109 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion:	69	Resp:	14975
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.0	76.6
39	38.7	30.8	46.2

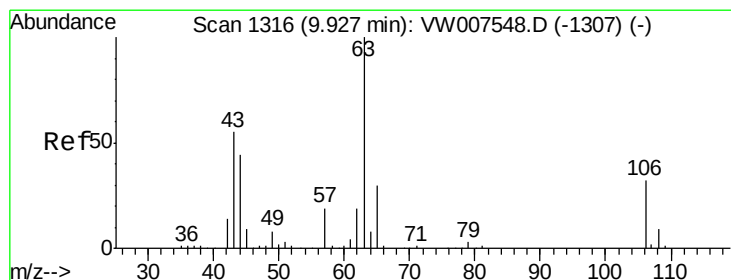
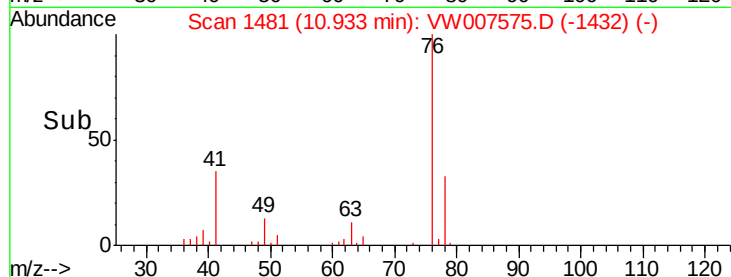
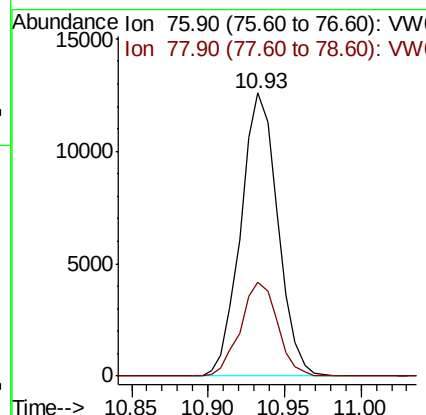
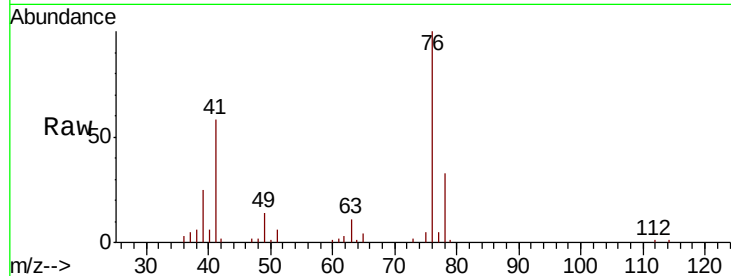




#57
 1,3-Dichloropropane
 Concen: 23.874 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

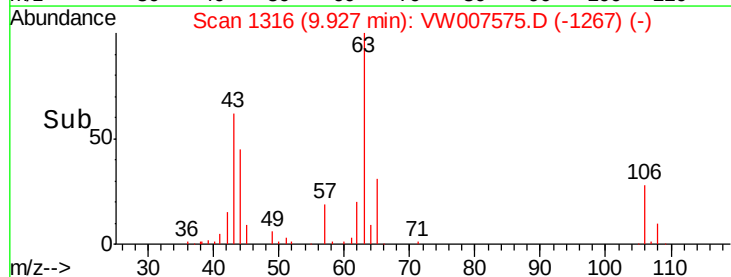
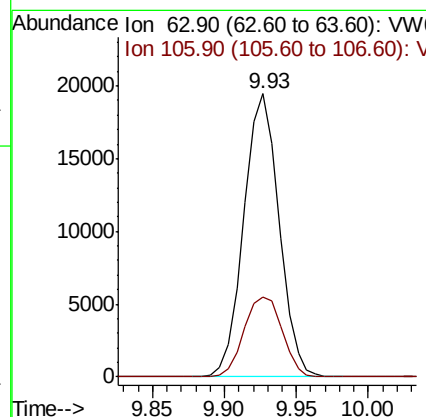
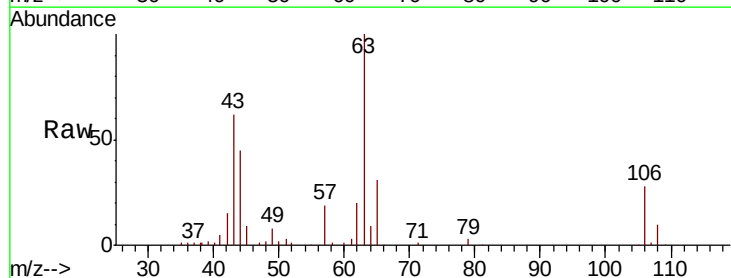
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

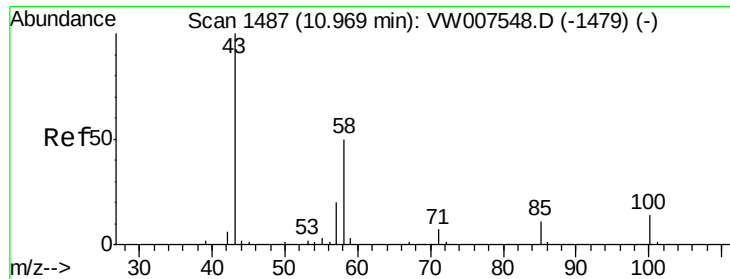
Tgt Ion: 76 Resp: 21127
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.605 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 63 Resp: 33053
 Ion Ratio Lower Upper
 63 100
 106 30.5 25.0 37.6





#59

2-Hexanone

Concen: 115.339 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

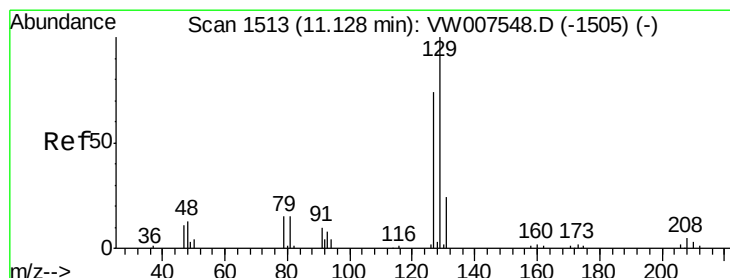
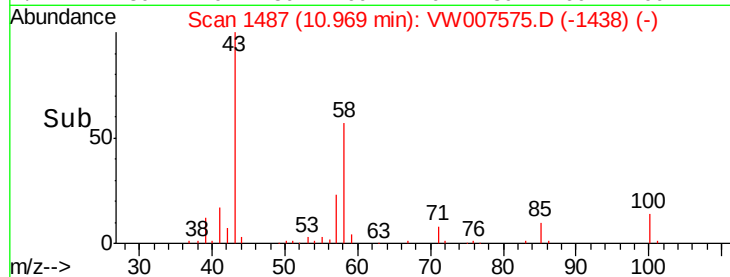
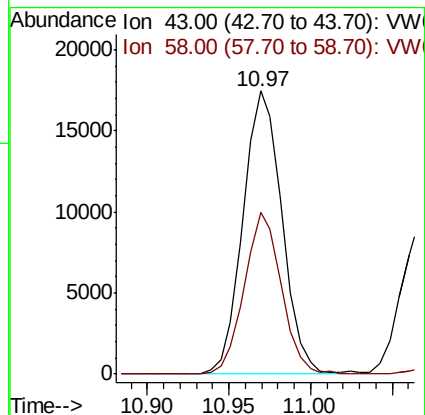
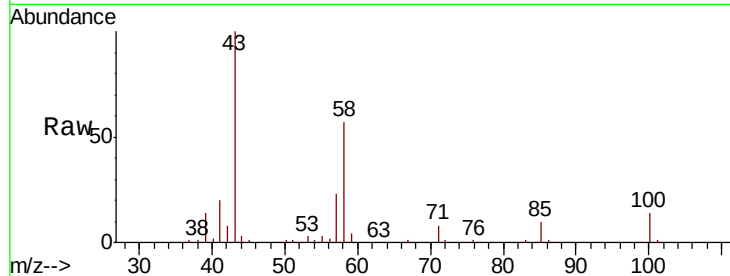
VW1217SBS03

Tgt Ion: 43 Resp: 28999

Ion Ratio Lower Upper

43 100

58 54.3 27.1 81.3



#60

Dibromochloromethane

Concen: 23.502 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007575.D

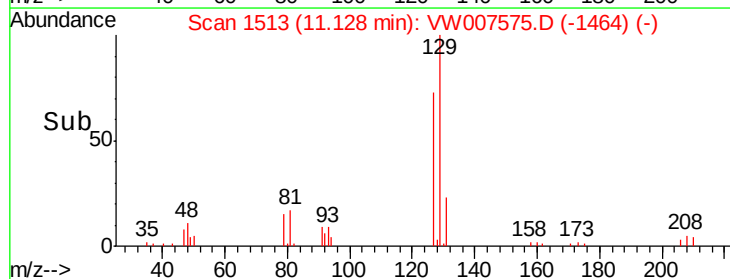
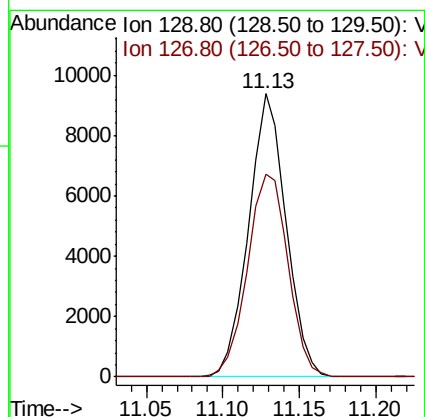
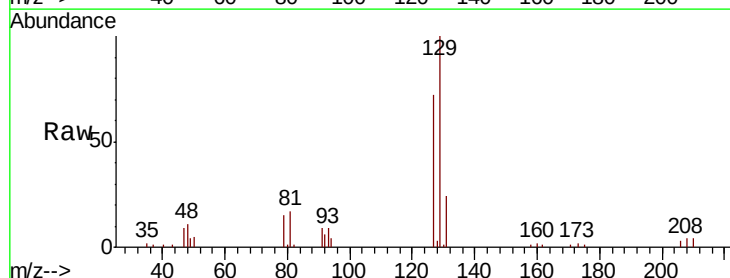
Acq: 15 Dec 2018 12:17

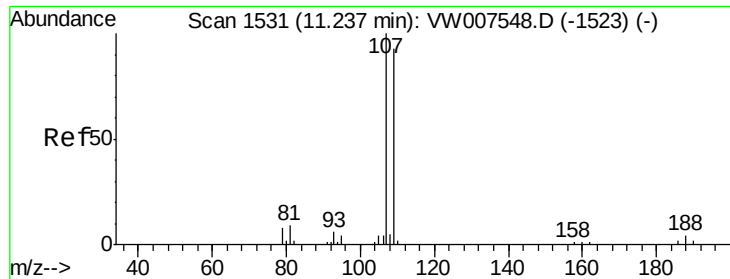
Tgt Ion: 129 Resp: 15991

Ion Ratio Lower Upper

129 100

127 77.4 38.1 114.3

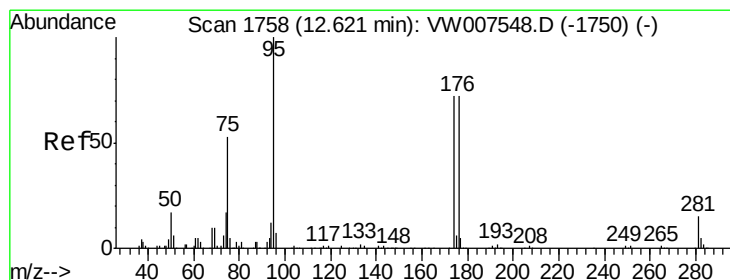
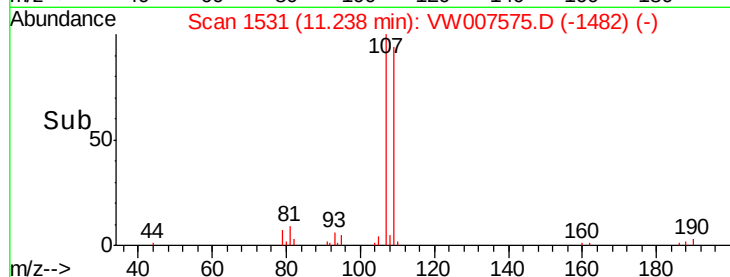
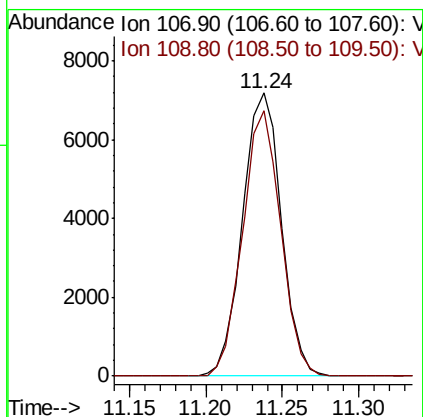
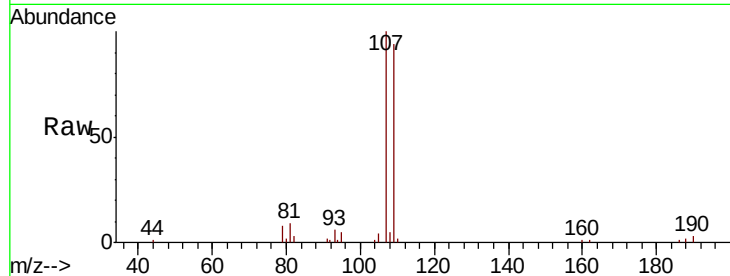




#61
 1,2-Dibromoethane
 Concen: 23.731 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

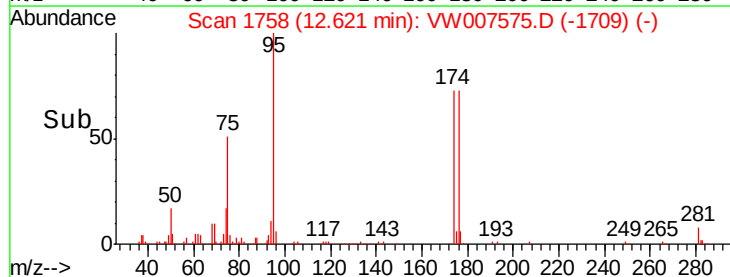
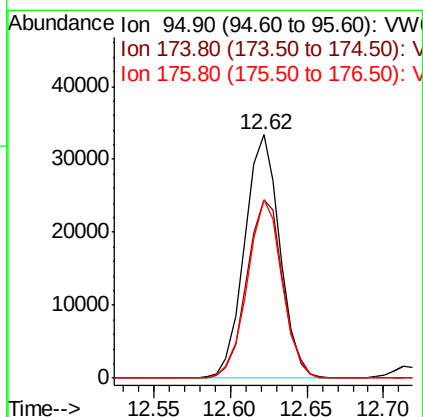
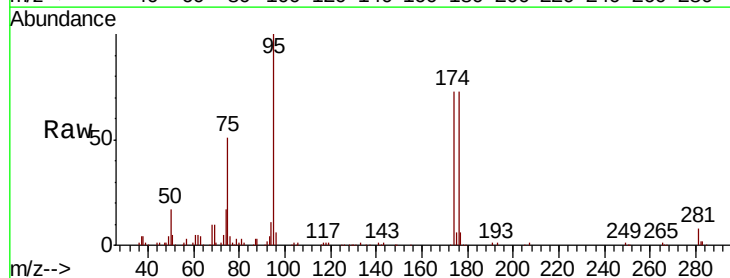
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

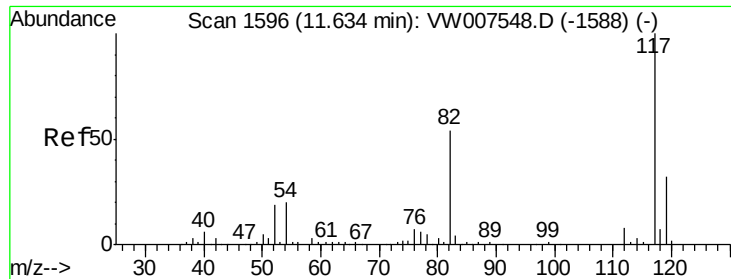
Tgt Ion: 107 Resp: 12644
 Ion Ratio Lower Upper
 107 100
 109 92.1 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 53.649 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 95 Resp: 53308
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 147.2
 176 72.6 0.0 138.8

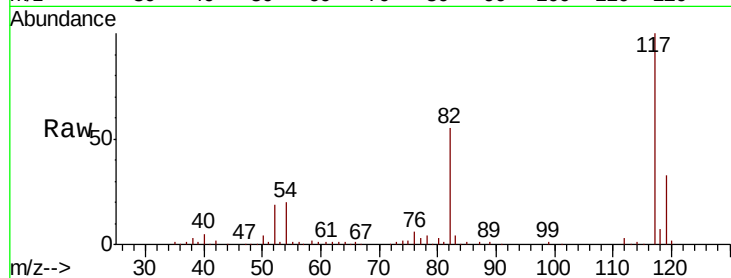




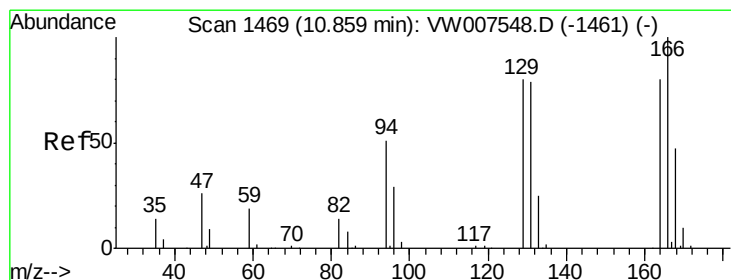
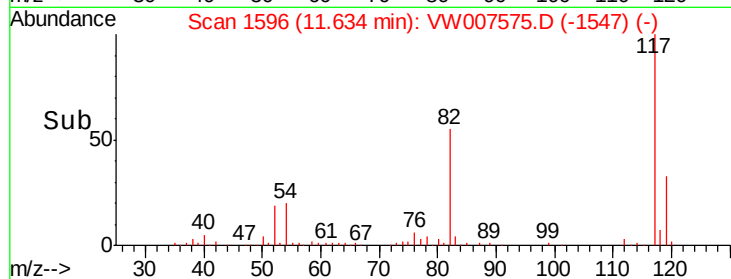
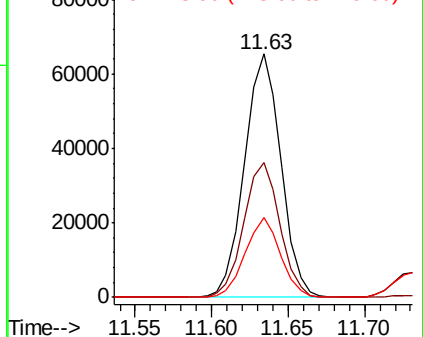
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

Tgt Ion:117 Resp: 108243
Ion Ratio Lower Upper
117 100
82 55.4 42.3 63.5
119 32.5 23.0 34.6

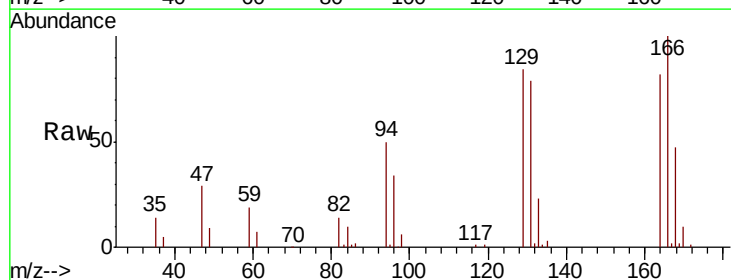


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

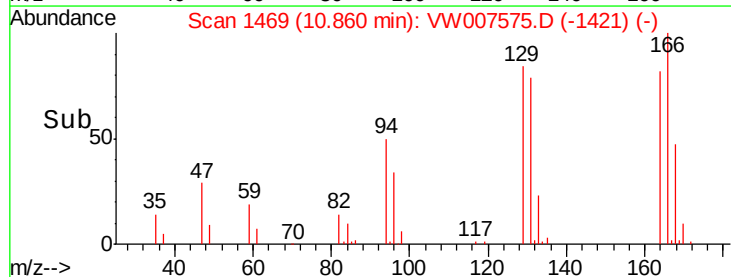
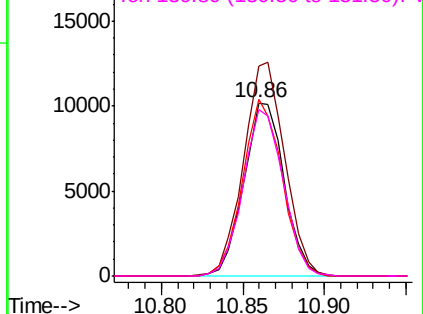


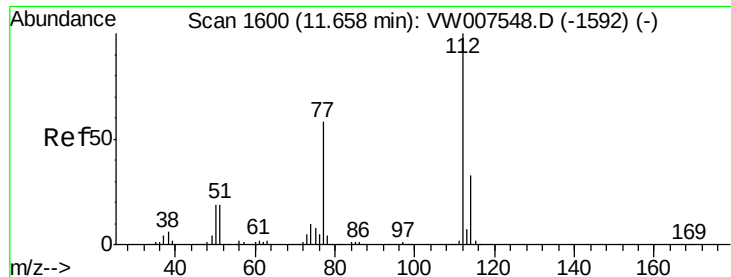
#64
Tetrachloroethene
Concen: 22.545 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion:164 Resp: 17549
Ion Ratio Lower Upper
164 100
166 121.6 107.9 161.9
129 101.7 73.4 110.2
131 95.9 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

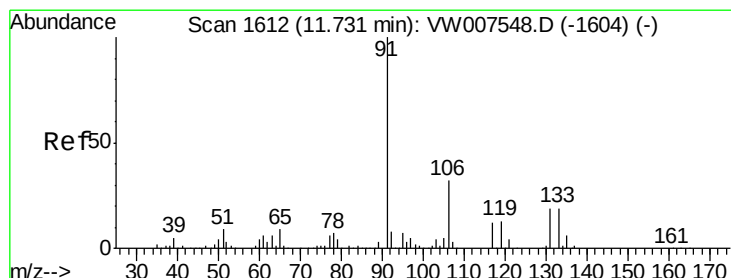
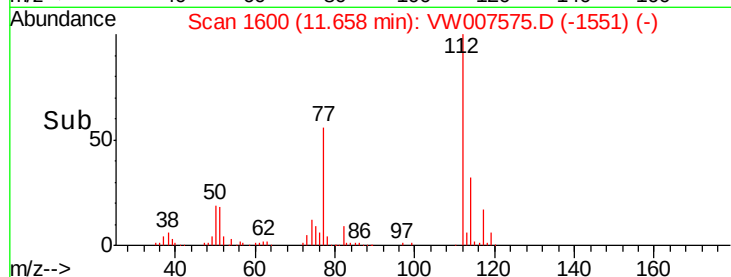
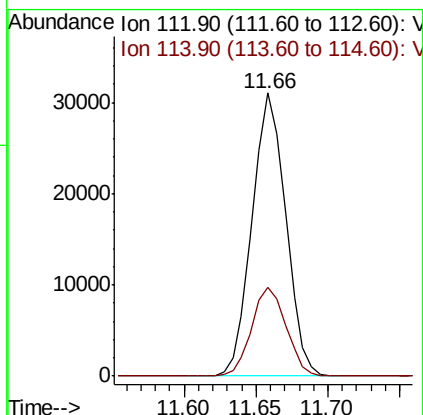
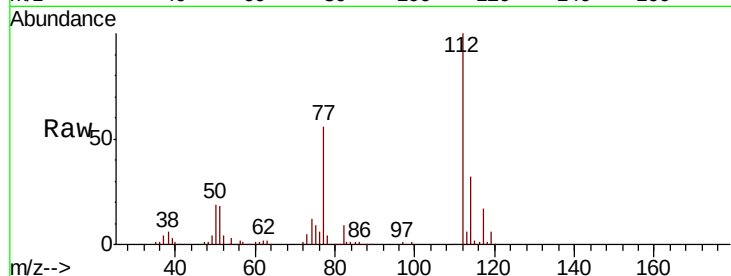




#65
Chlorobenzene
Concen: 22.288 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

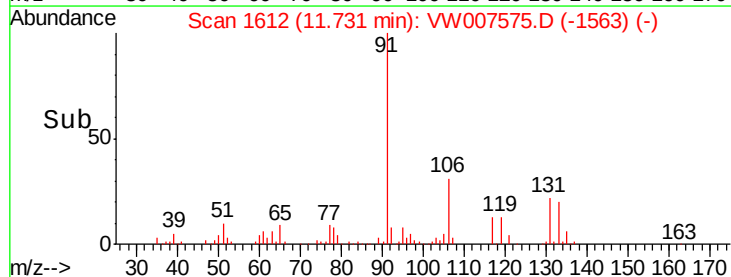
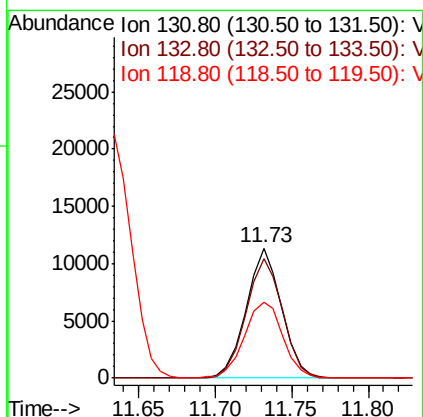
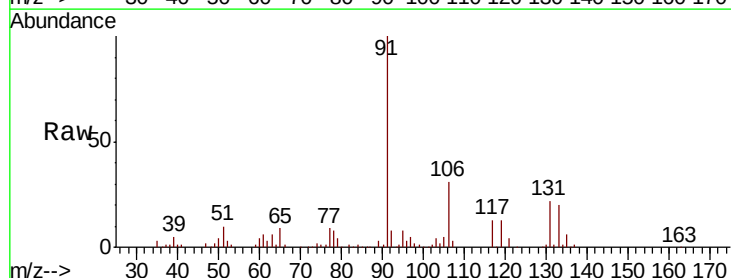
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

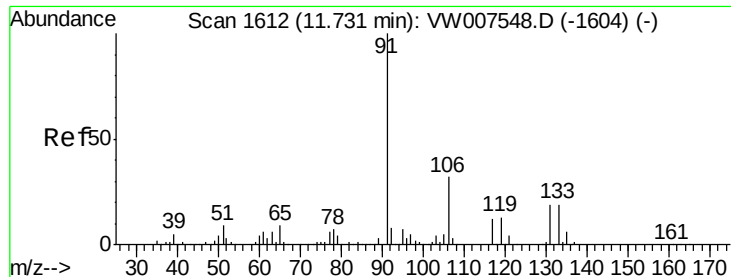
Tgt Ion:112 Resp: 50284
Ion Ratio Lower Upper
112 100
114 31.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.898 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion:131 Resp: 18195
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 63.7 31.3 93.9

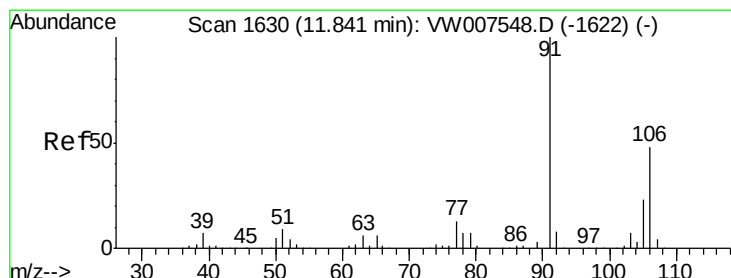
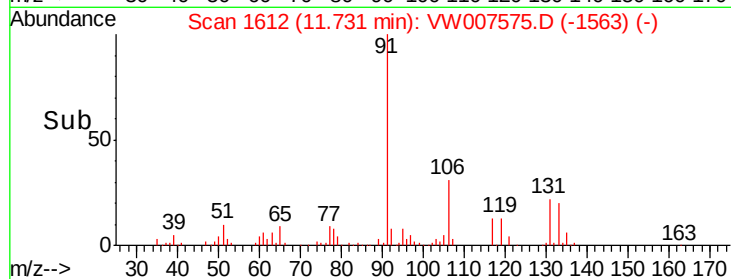
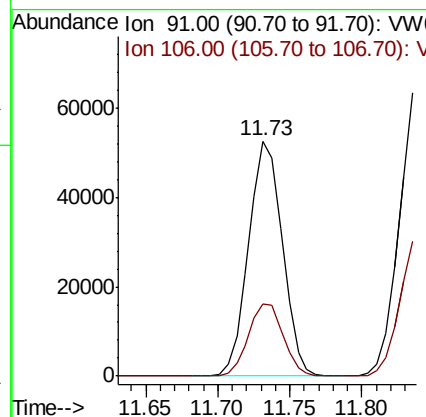
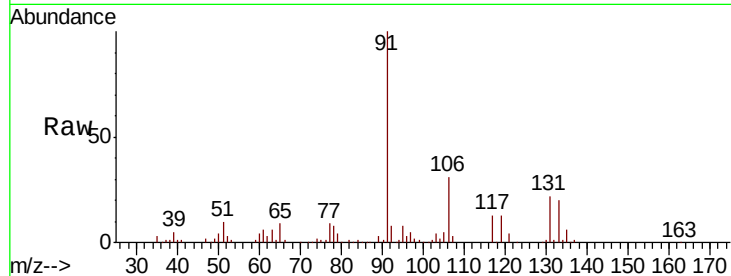




#67
Ethyl Benzene
Concen: 22.007 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

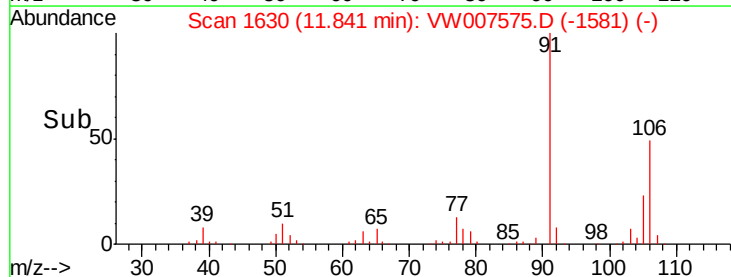
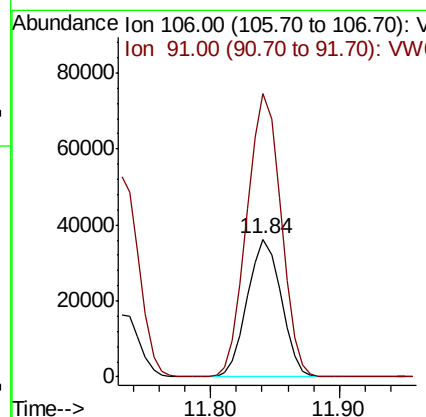
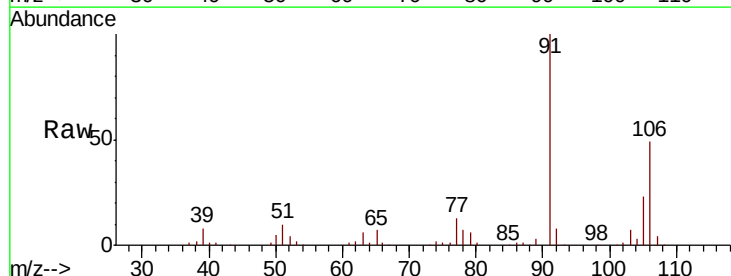
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

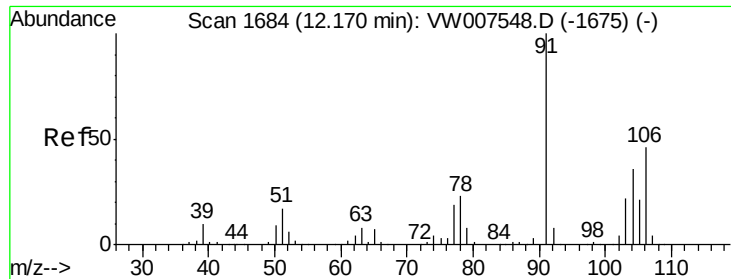
Tgt Ion: 91 Resp: 85363
Ion Ratio Lower Upper
91 100
106 30.8 21.8 32.8



#68
m/p-Xylenes
Concen: 43.871 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 106 Resp: 66155
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9

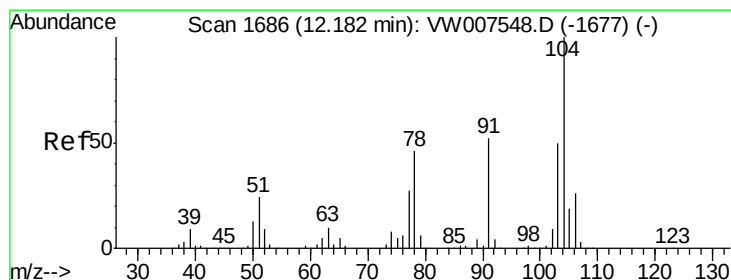
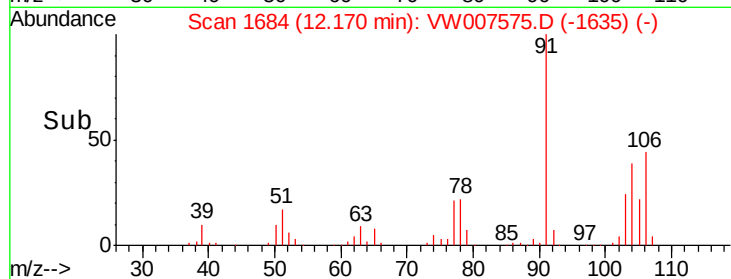
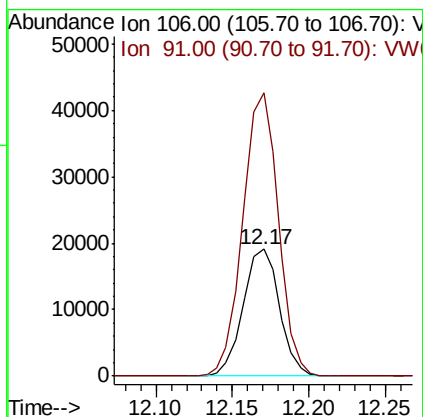
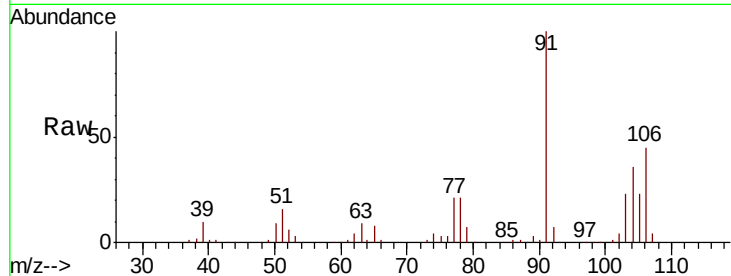




#69
o-Xylene
Concen: 22.489 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

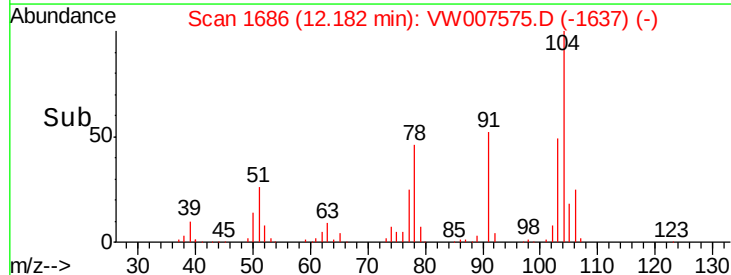
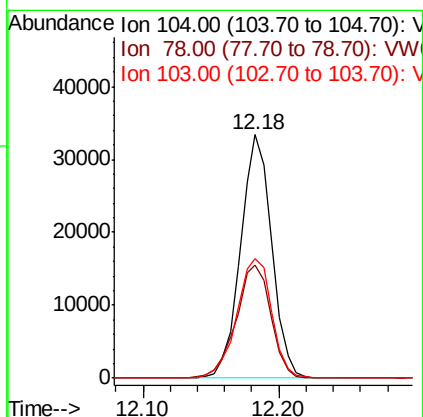
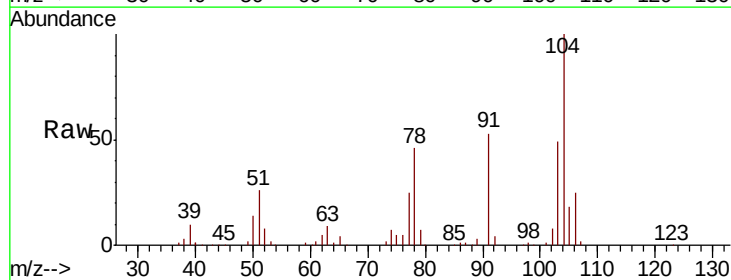
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

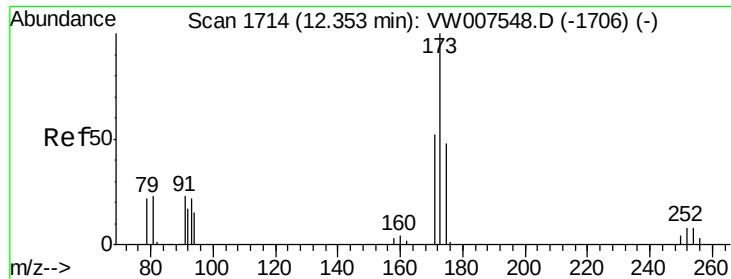
Tgt Ion:106 Resp: 31672
Ion Ratio Lower Upper
106 100
91 217.2 106.6 319.8



#70
Styrene
Concen: 23.467 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion:104 Resp: 53381
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 55.0 46.6 69.8

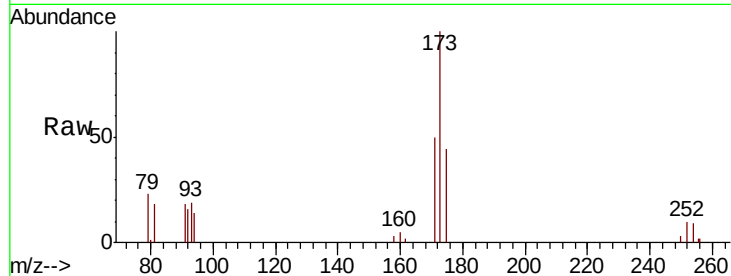




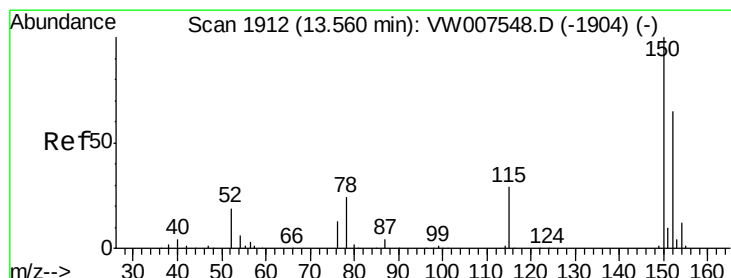
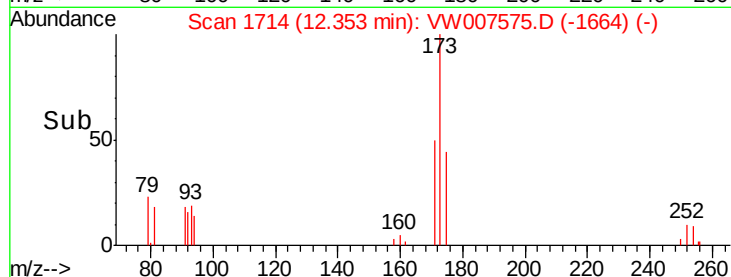
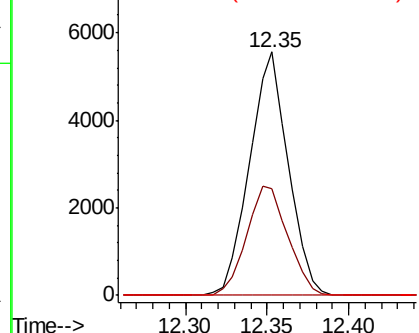
#71
Bromoform
Concen: 22.493 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

Tgt Ion:173 Resp: 9148
Ion Ratio Lower Upper
173 100
175 47.8 23.6 70.8
254 0.0 0.0 0.0

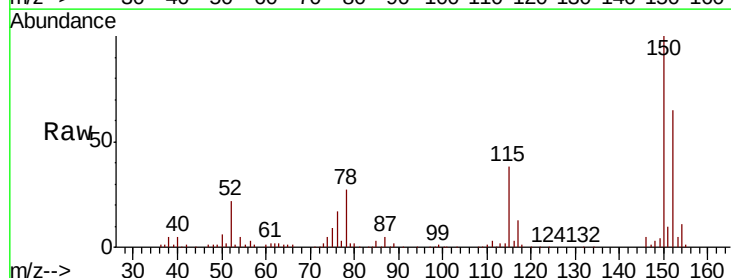


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

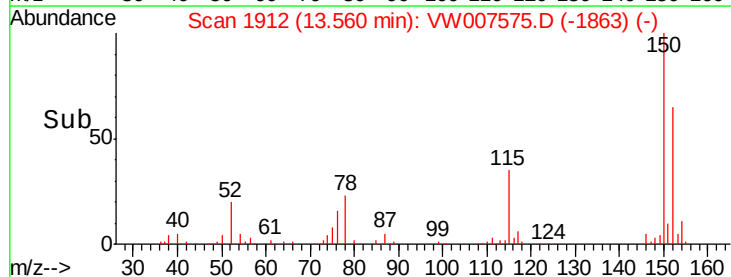
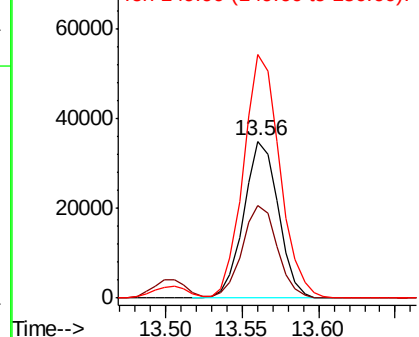


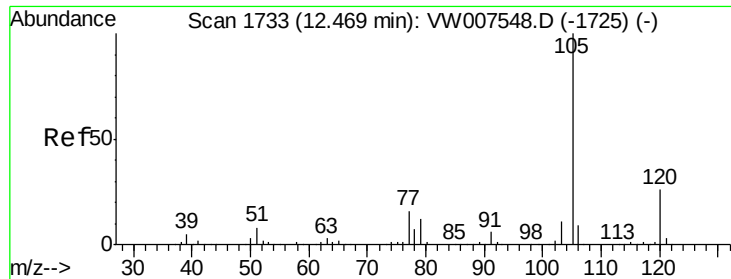
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion:152 Resp: 55033
Ion Ratio Lower Upper
152 100
115 59.9 31.4 94.2
150 163.3 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: 21.008 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

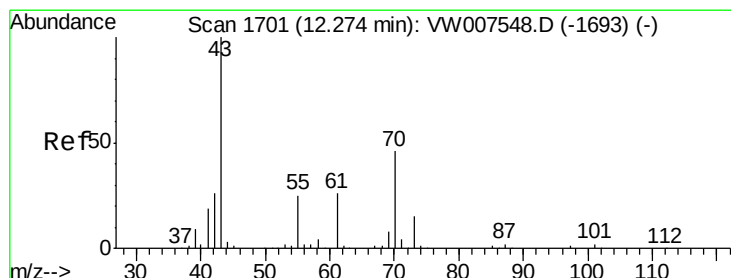
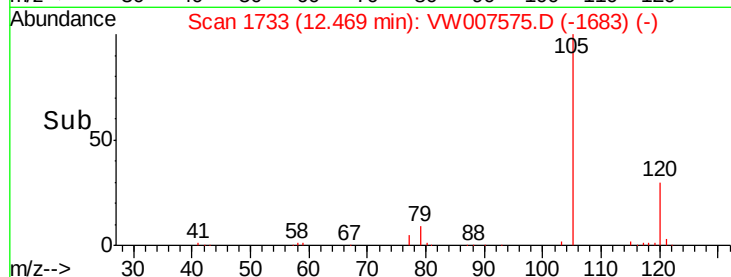
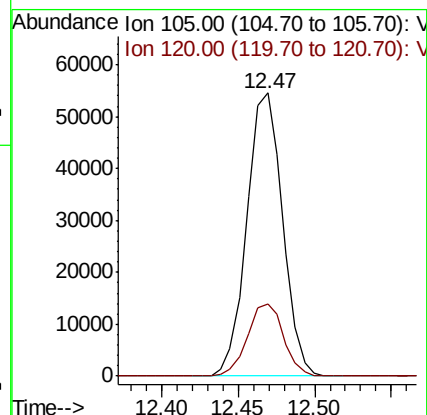
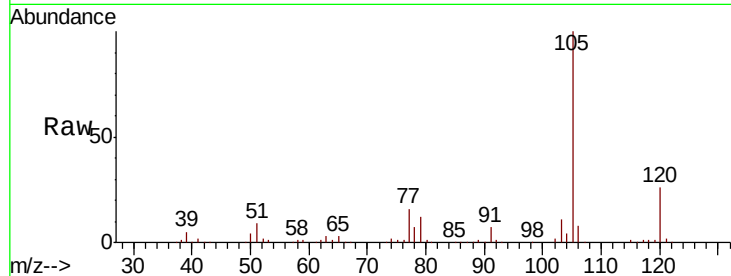
VW1217SBS03

Tgt Ion: 105 Resp: 88589

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 21.077 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Tgt Ion: 43 Resp: 16153

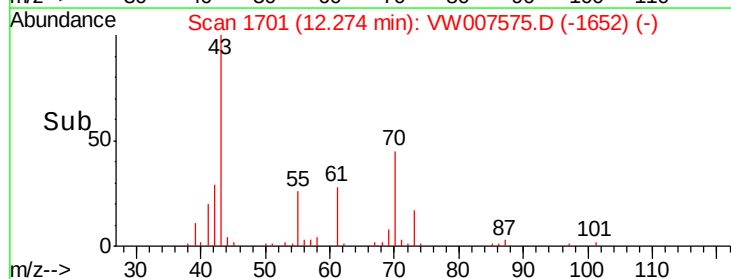
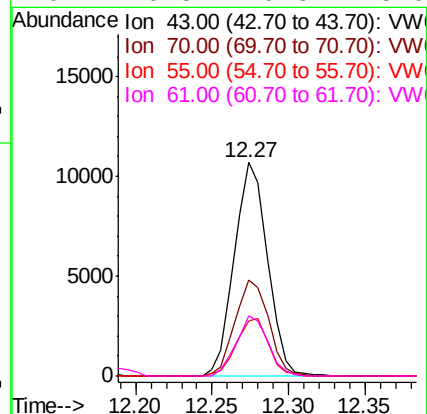
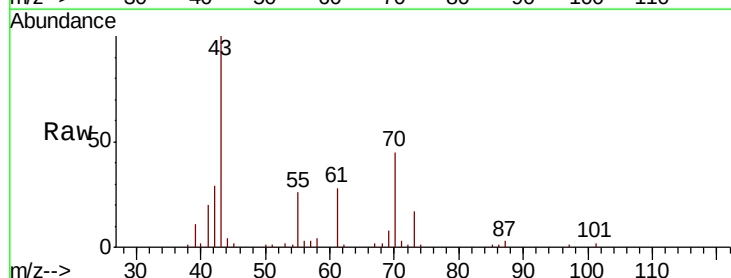
Ion Ratio Lower Upper

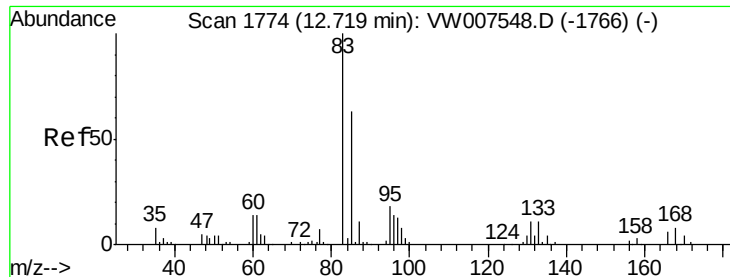
43 100

70 45.4 36.5 54.7

55 25.8 20.1 30.1

61 26.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.345 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

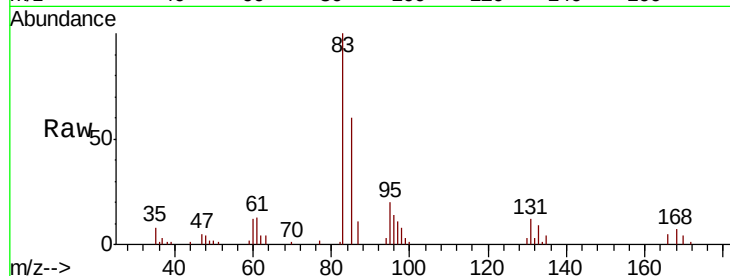
Tgt Ion: 83 Resp: 13956

Ion Ratio Lower Upper

83 100

131 12.8 5.9 17.8

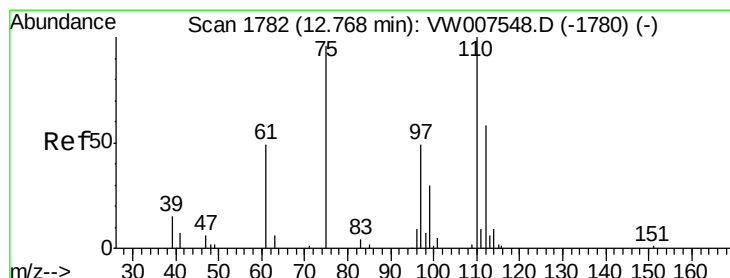
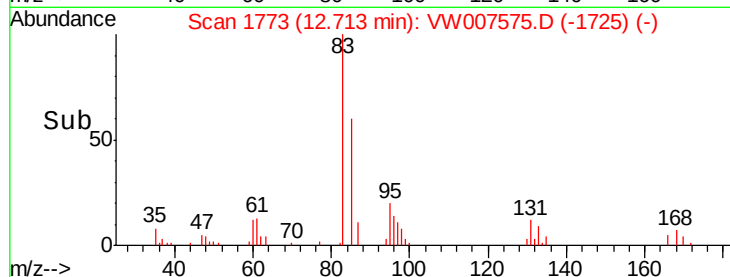
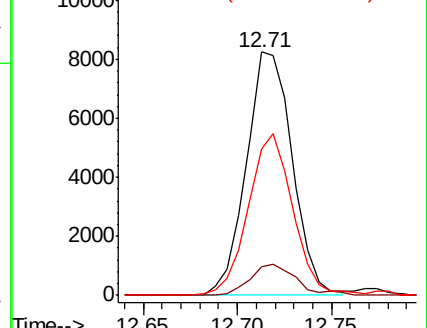
85 64.5 30.0 90.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.564 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007575.D

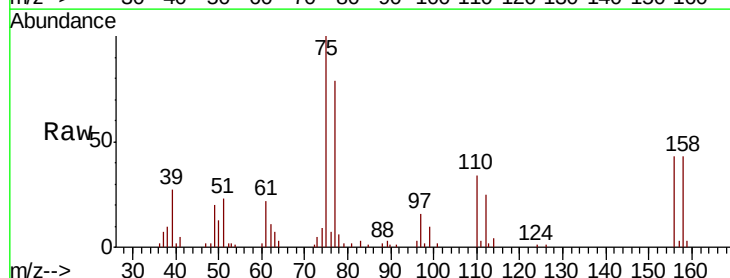
Acq: 15 Dec 2018 12:17

Tgt Ion: 75 Resp: 19314

Ion Ratio Lower Upper

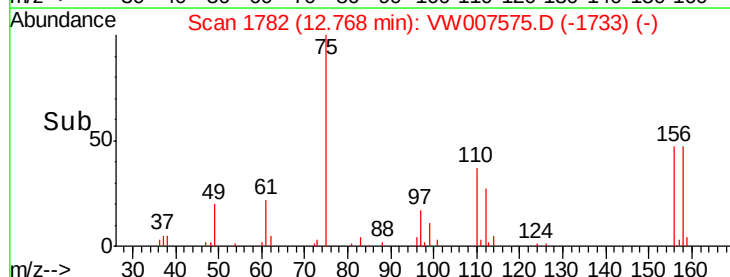
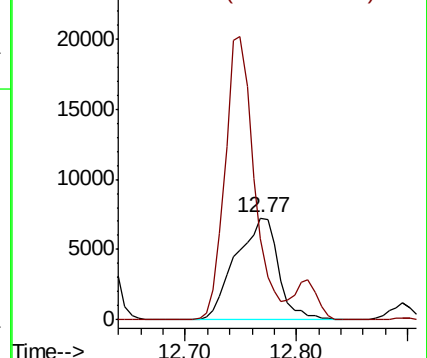
75 100

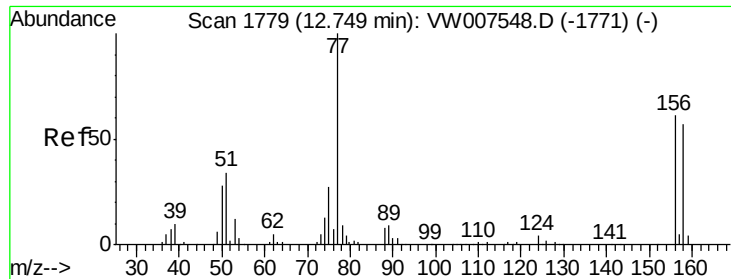
77 189.7 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.839 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

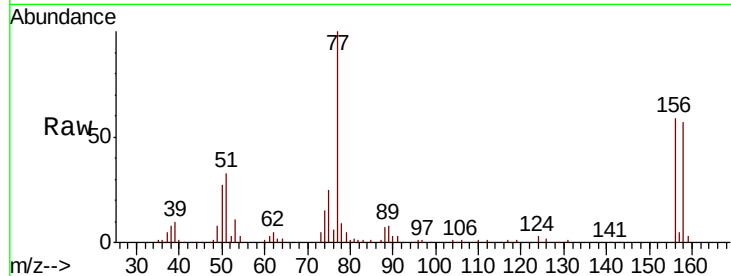
Tgt Ion:156 Resp: 20413

Ion Ratio Lower Upper

156 100

77 179.5 88.1 264.4

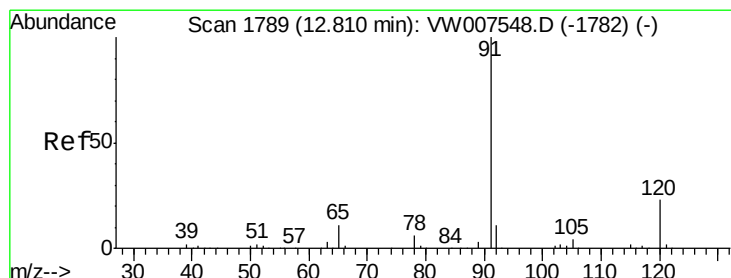
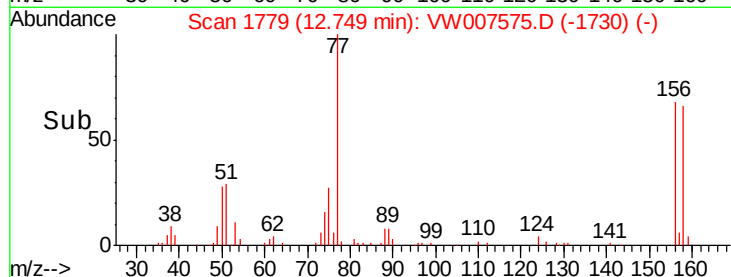
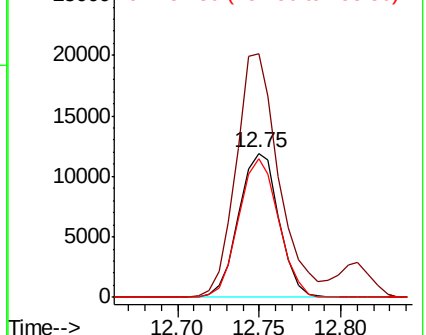
158 95.7 45.6 136.7



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: 21.471 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007575.D

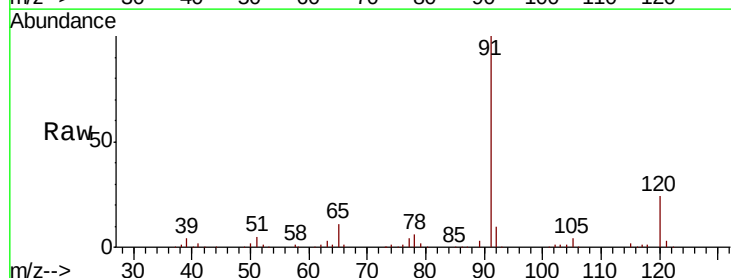
Acq: 15 Dec 2018 12:17

Tgt Ion: 91 Resp: 101895

Ion Ratio Lower Upper

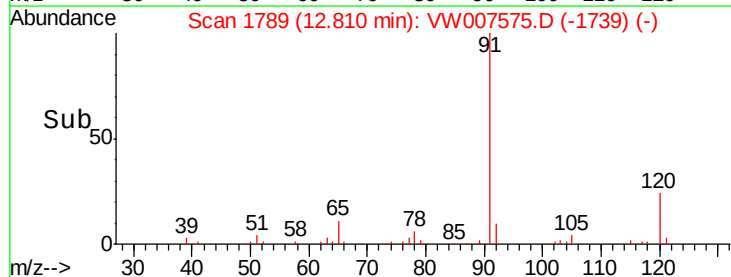
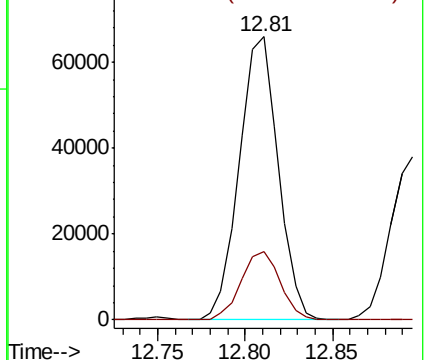
91 100

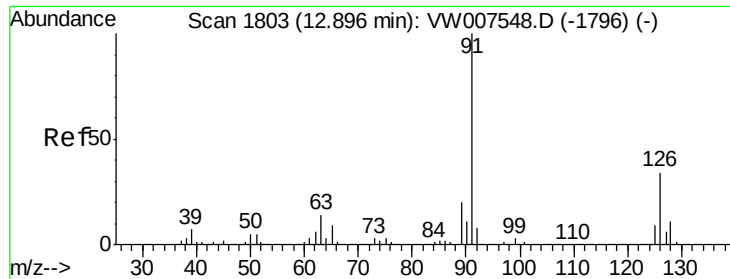
120 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

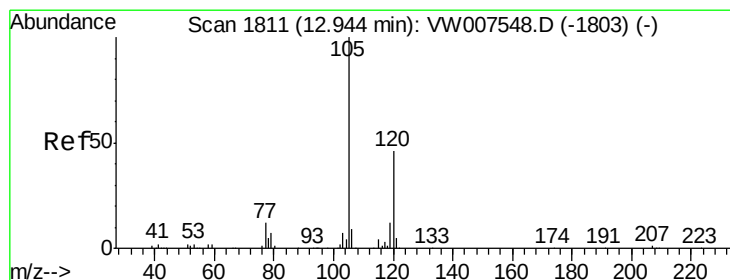
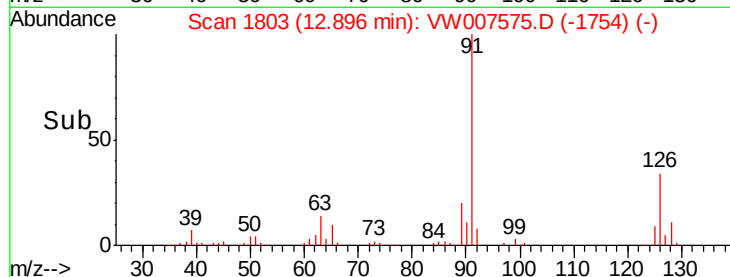
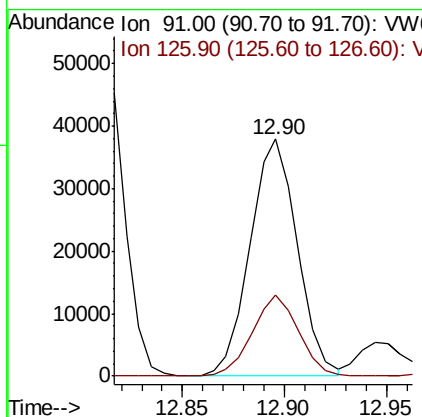
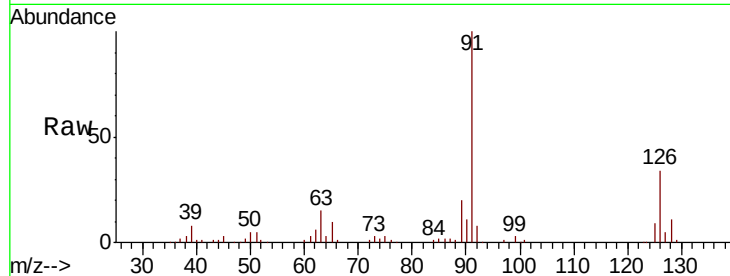




#79
 2-Chlorotoluene
 Concen: 21.212 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

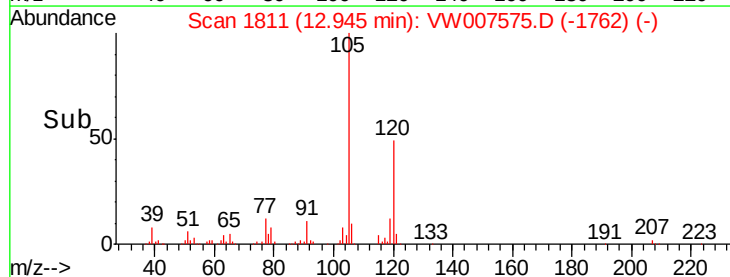
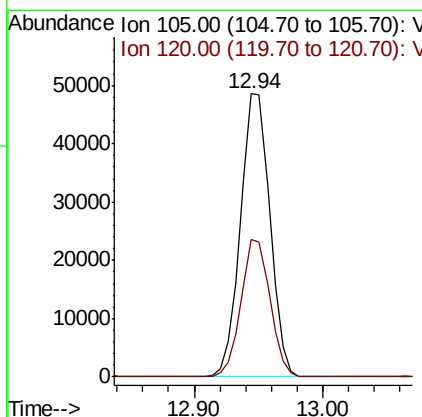
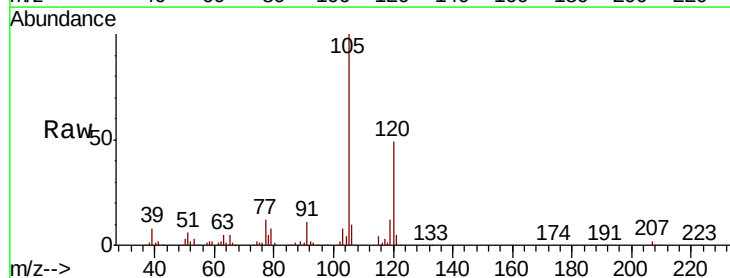
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

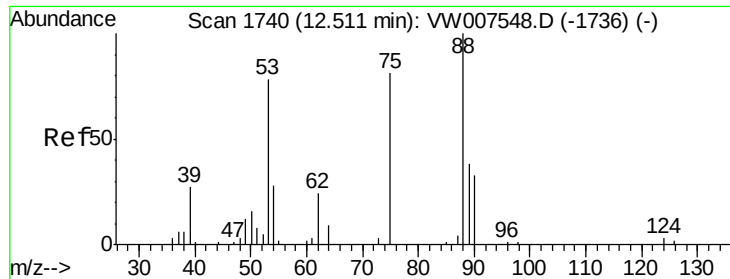
Tgt Ion: 91 Resp: 60909
 Ion Ratio Lower Upper
 91 100
 126 33.3 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.631 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion: 105 Resp: 76641
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.4

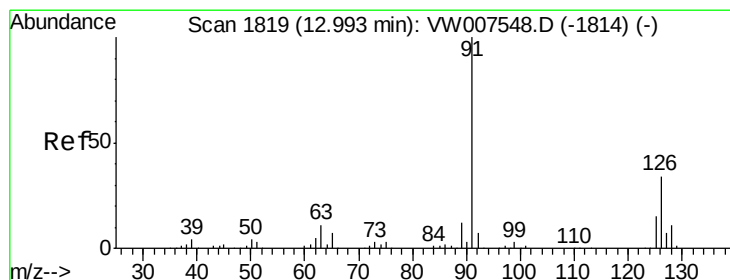
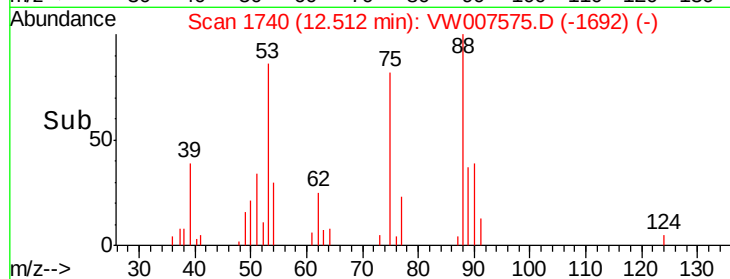
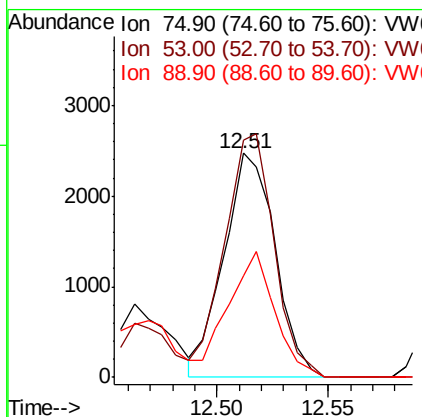
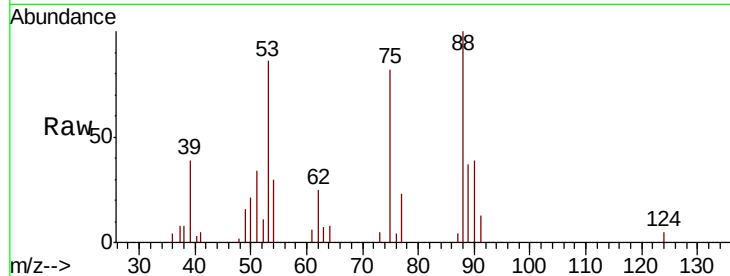




#81
trans-1,4-Dichloro-2-butene
Concen: 19.332 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

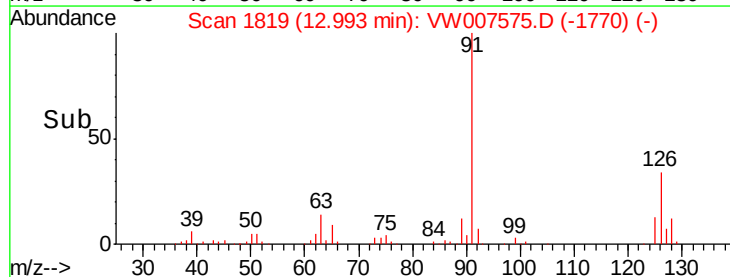
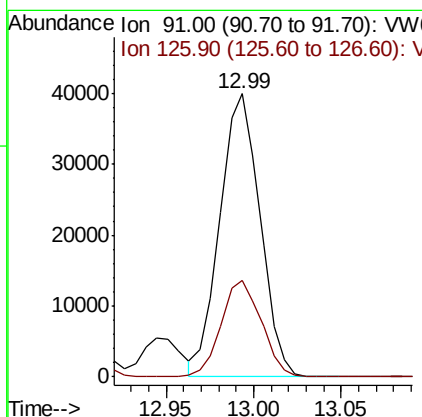
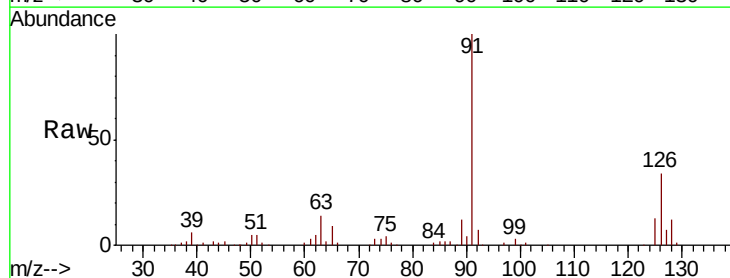
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

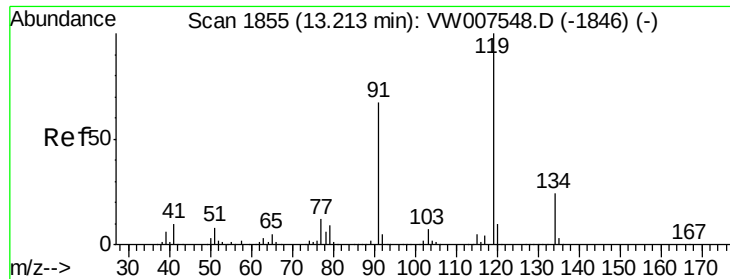
Tgt Ion: 75 Resp: 3971
Ion Ratio Lower Upper
75 100
53 105.2 84.9 127.3
89 52.1 40.3 60.5



#82
4-Chlorotoluene
Concen: 21.136 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion: 91 Resp: 63977
Ion Ratio Lower Upper
91 100
126 34.1 16.0 48.0





#83

tert-Butylbenzene

Concen: 21.346 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

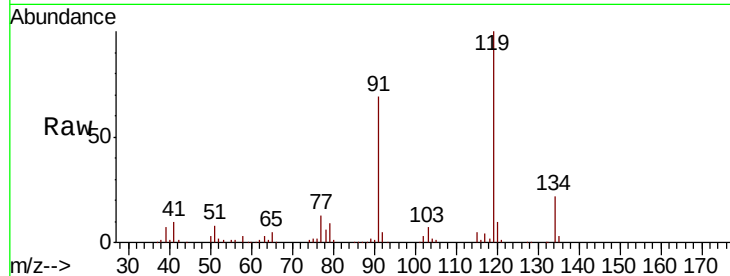
Tgt Ion:119 Resp: 66644

Ion Ratio Lower Upper

119 100

91 67.6 33.1 99.2

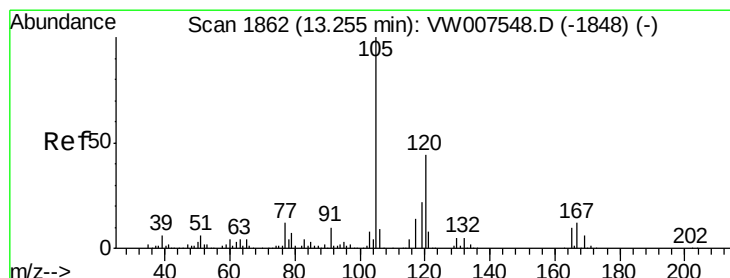
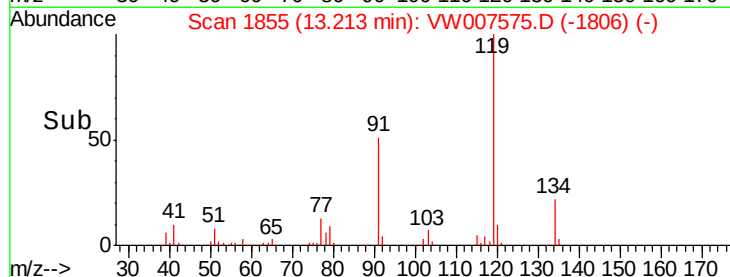
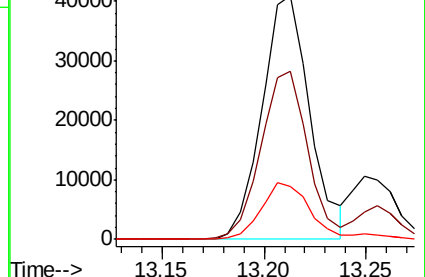
134 23.5 12.5 37.5



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: 21.577 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007575.D

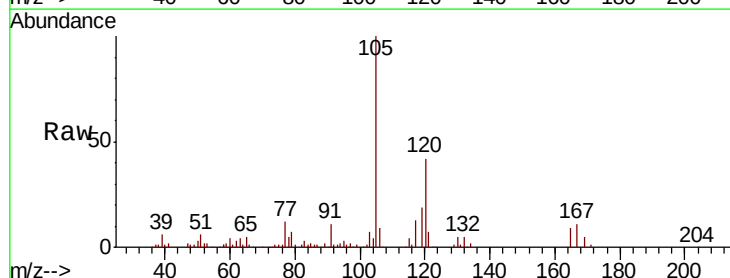
Acq: 15 Dec 2018 12:17

Tgt Ion:105 Resp: 78671

Ion Ratio Lower Upper

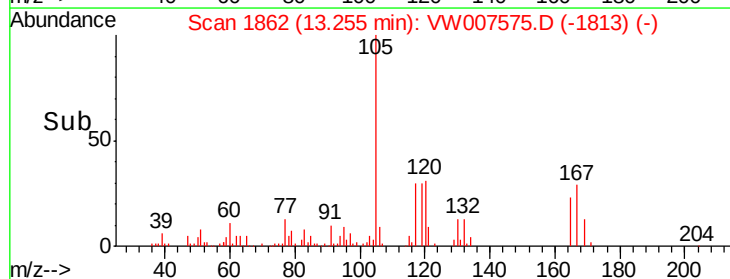
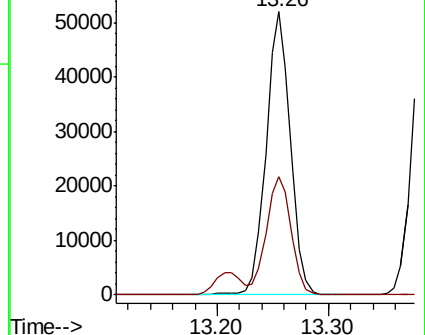
105 100

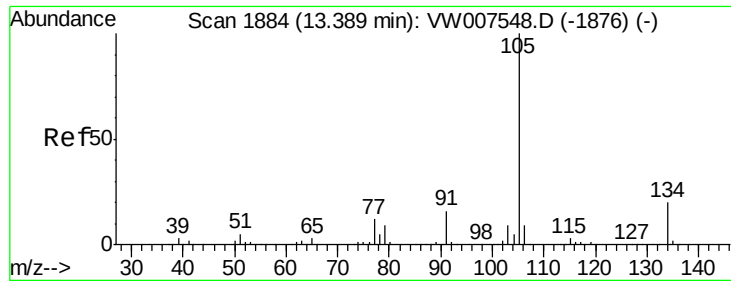
120 43.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.510 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

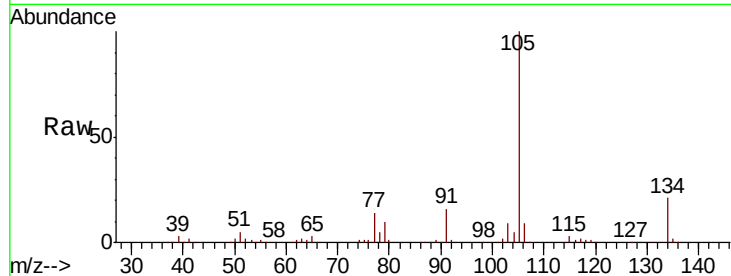
VW1217SBS03

Tgt Ion:105 Resp: 91673

Ion Ratio Lower Upper

105 100

134 20.4 11.1 33.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

60000

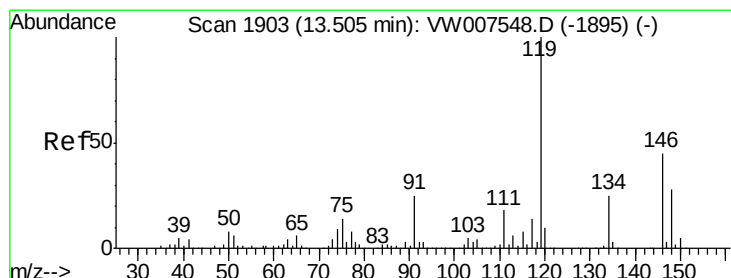
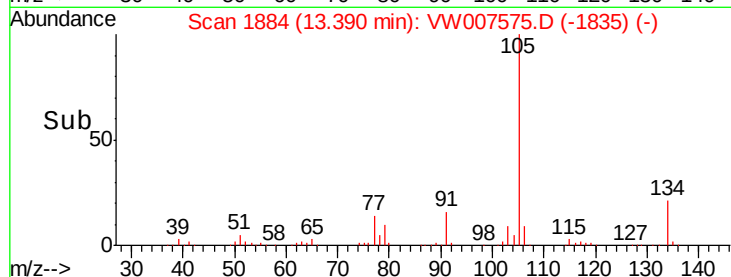
40000

20000

0

13.30 13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 21.565 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

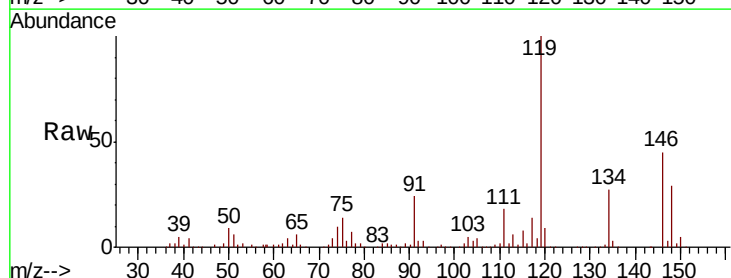
Tgt Ion:119 Resp: 82567

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.8 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

60000

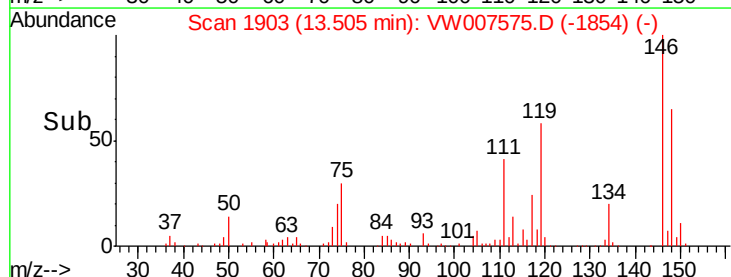
40000

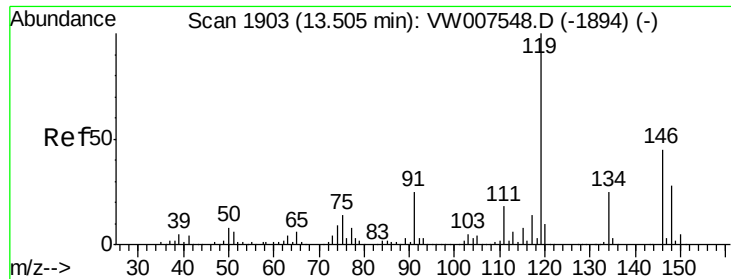
20000

0

13.40 13.50

Time-->

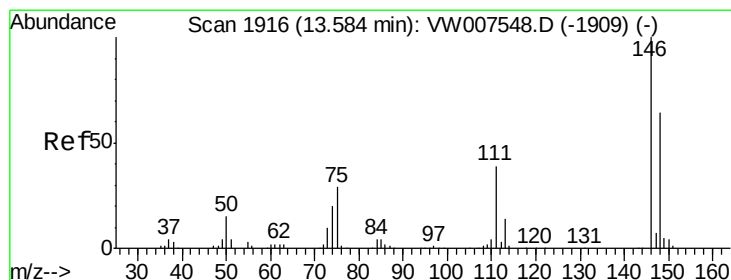
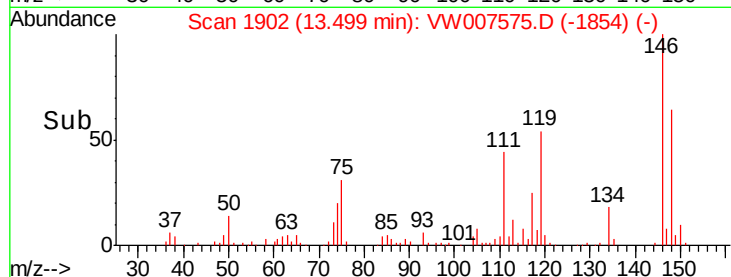
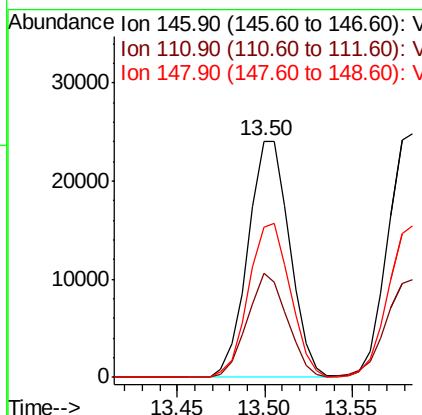
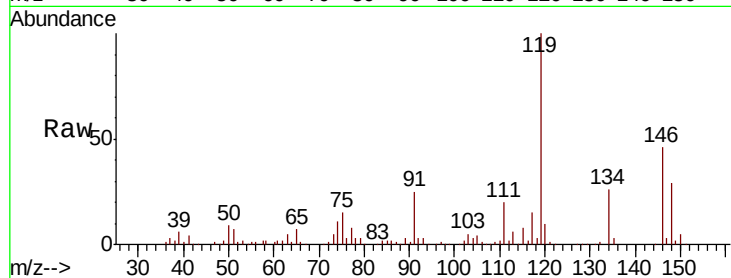




#87
 1,3-Dichlorobenzene
 Concen: 21.538 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

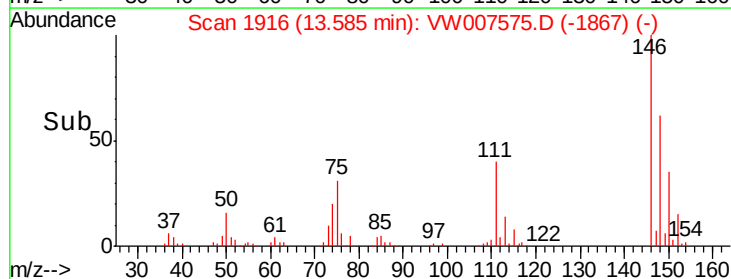
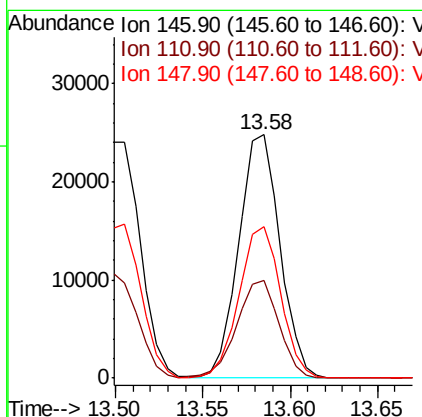
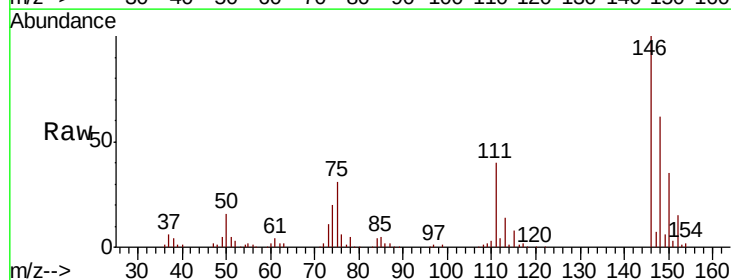
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

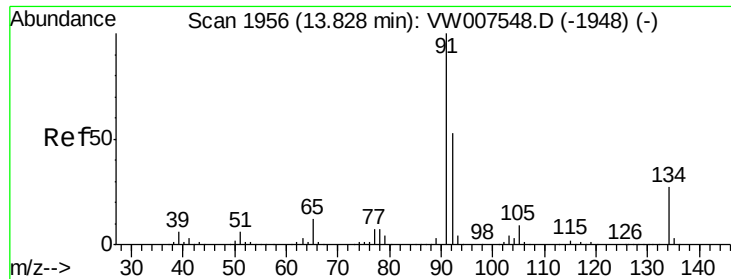
Tgt Ion:146 Resp: 40139
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.1 60.3
 148 64.9 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.731 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion:146 Resp: 40715
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 62.7 33.5 100.5





#89

n-Butylbenzene

Concen: 20.826 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

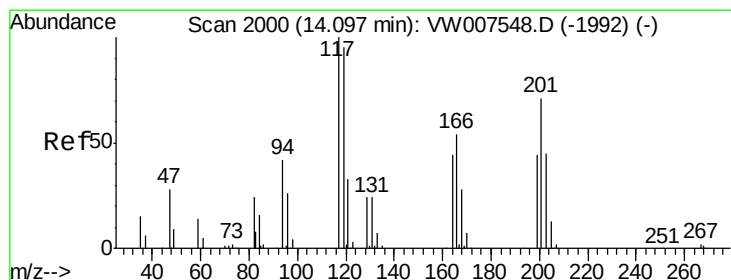
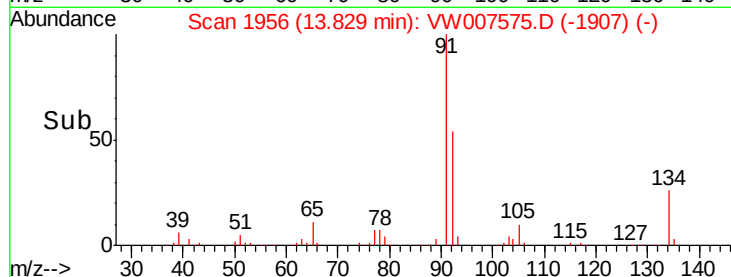
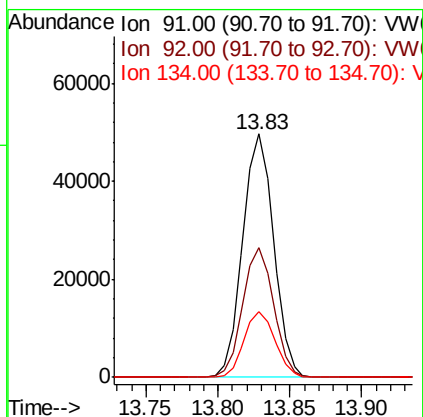
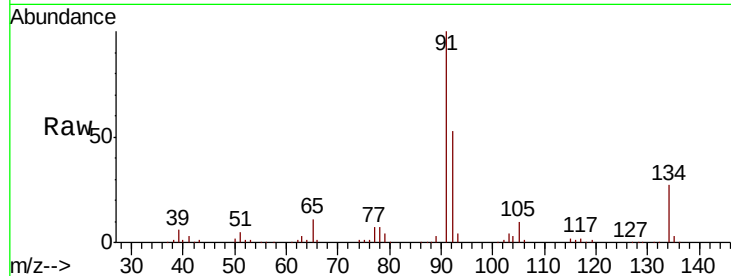
Tgt Ion: 91 Resp: 73923

Ion Ratio Lower Upper

91 100

92 53.1 25.7 77.1

134 27.0 13.4 40.2



#90

Hexachloroethane

Concen: 21.830 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007575.D

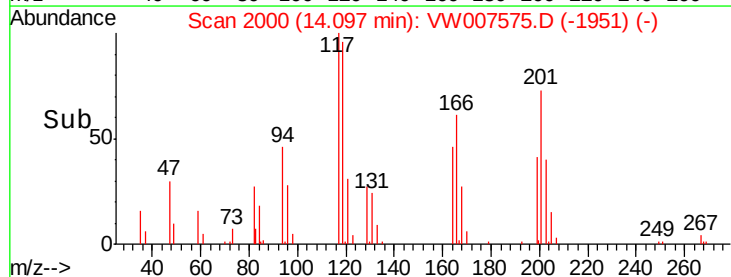
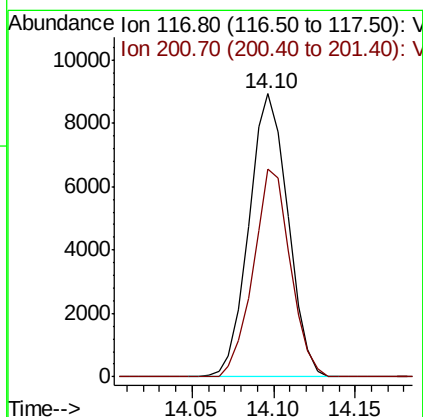
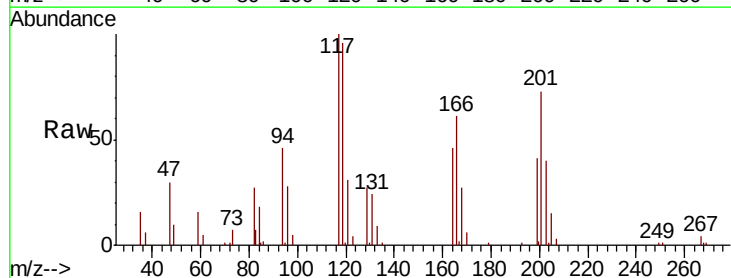
Acq: 15 Dec 2018 12:17

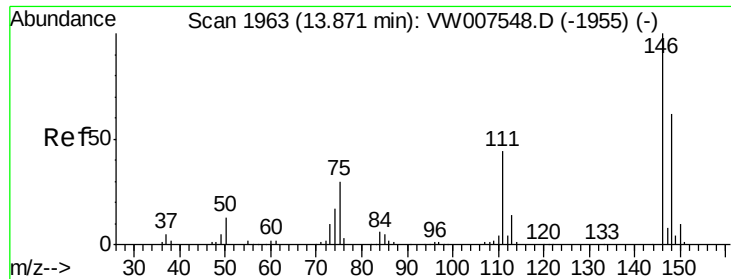
Tgt Ion: 117 Resp: 14872

Ion Ratio Lower Upper

117 100

201 69.8 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 22.019 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

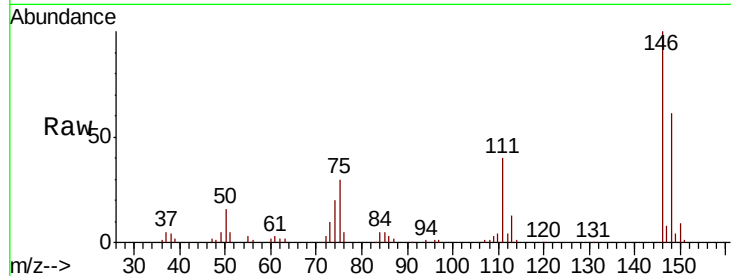
Tgt Ion:146 Resp: 36754

Ion Ratio Lower Upper

146 100

111 43.1 22.4 67.2

148 62.6 32.4 97.2

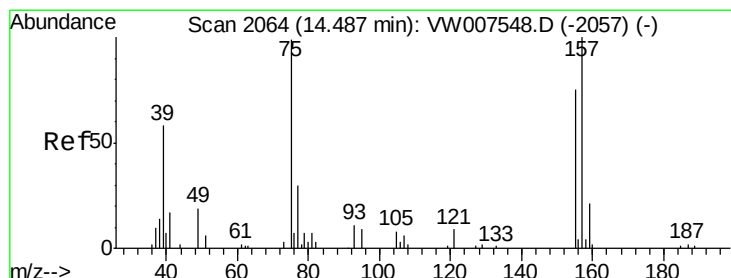
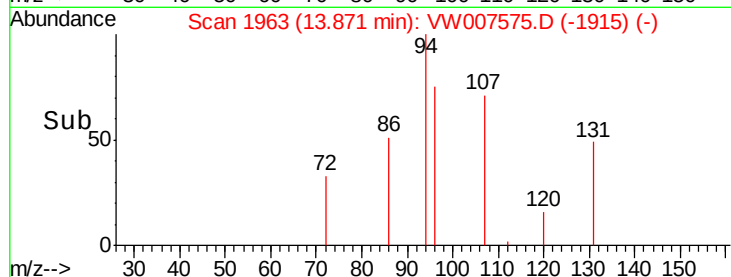
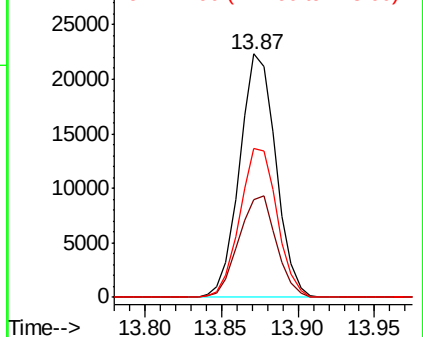


Abundance

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: 22.986 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007575.D

Acq: 15 Dec 2018 12:17

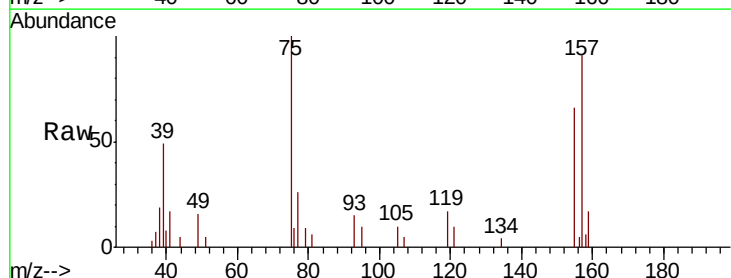
Tgt Ion: 75 Resp: 2881

Ion Ratio Lower Upper

75 100

155 74.3 40.8 122.2

157 99.3 51.1 153.4

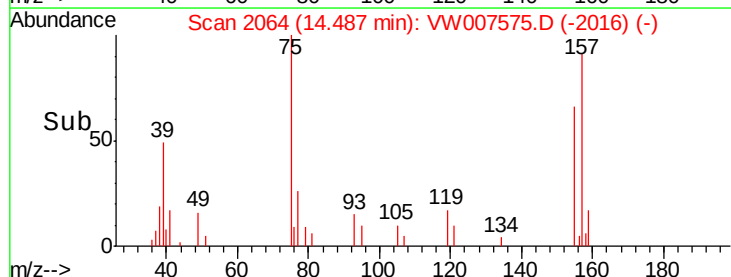
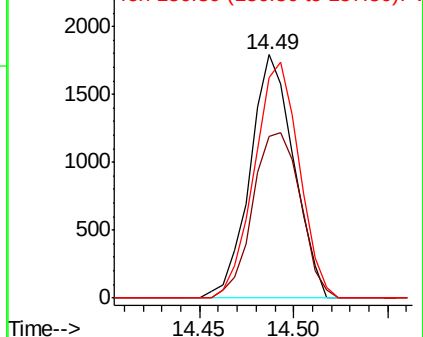


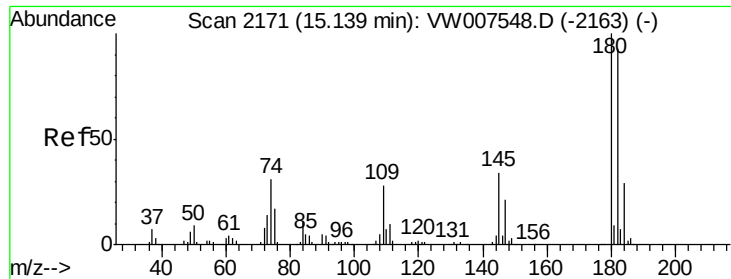
Abundance

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

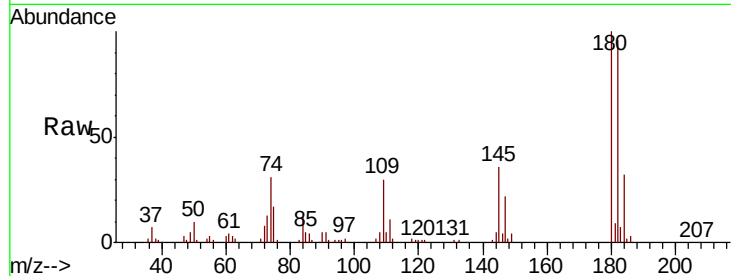




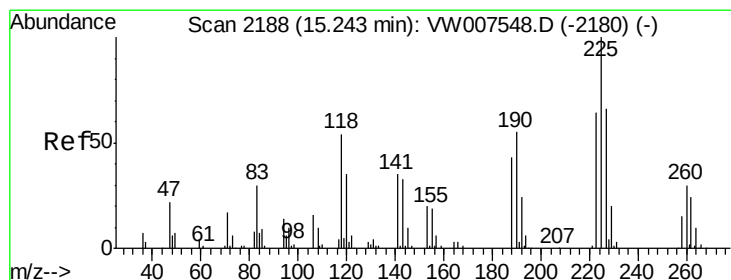
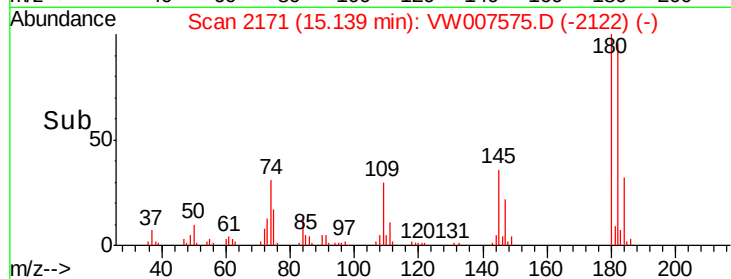
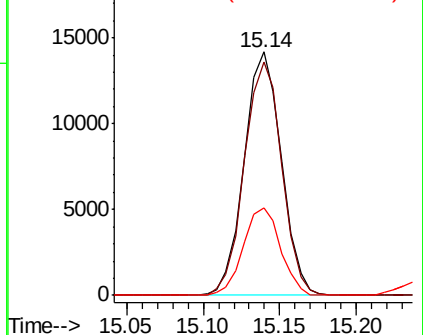
#93
 1,2,4-Trichlorobenzene
 Concen: 20.851 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	49.9	149.6
145	36.0	17.8	53.4

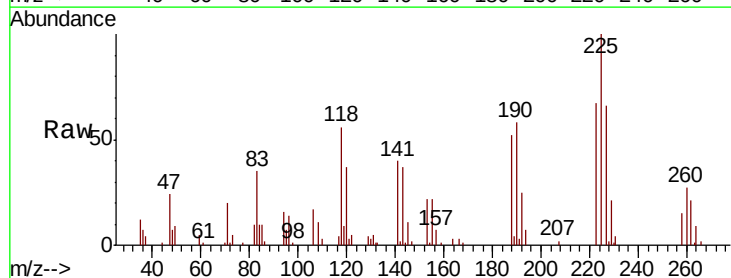


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

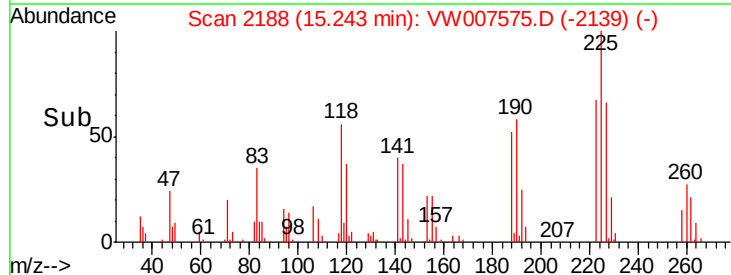
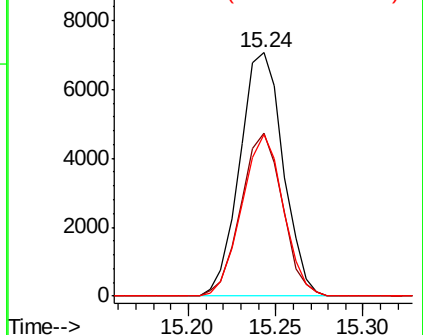


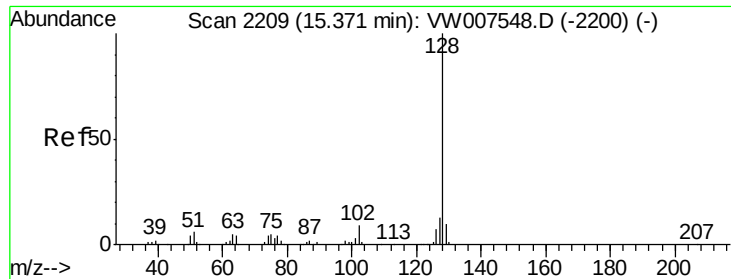
#94
 Hexachlorobutadiene
 Concen: 20.025 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007575.D
 Acq: 15 Dec 2018 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.1	96.3
227	63.4	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

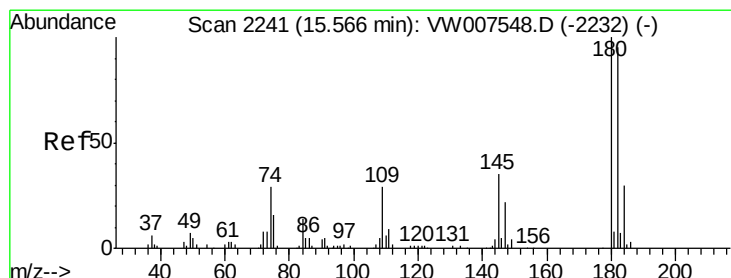
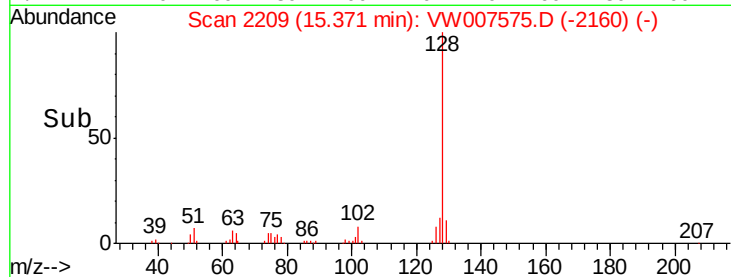
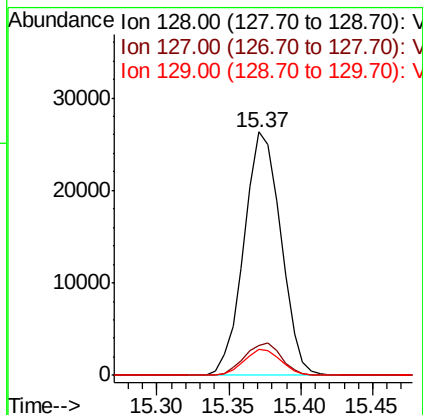
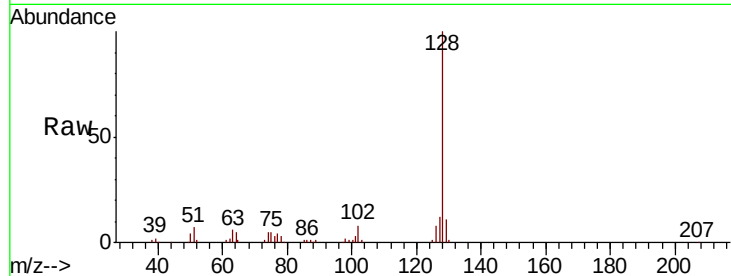




#95
Naphthalene
Concen: 21.238 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

Tgt Ion:128 Resp: 46671
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 21.002 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007575.D
Acq: 15 Dec 2018 12:17

Tgt Ion:180 Resp: 20957
Ion Ratio Lower Upper
180 100
182 97.0 45.6 136.7
145 36.0 17.5 52.5

