

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007576.D
 Acq On : 15 Dec 2018 12:42
 Operator : SY/AP
 Sample : VW1214SBSD03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

Quant Time: Dec 15 19:34:05 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	73048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54694	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42822	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	39217	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.32	98	149706	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	12.62	95	55944	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	11028	21.604	ug/l	94
3) Chloromethane	2.21	50	8877	20.764	ug/l	99
4) Vinyl Chloride	2.37	62	10968	21.862	ug/l	99
5) Bromomethane	2.78	94	6963	20.656	ug/l	96
6) Chloroethane	2.93	64	5762	20.864	ug/l	99
7) Trichlorofluoromethane	3.26	101	9833	21.800	ug/l	92
8) Diethyl Ether	3.68	74	6919	19.599	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15269	20.516	ug/l	95
10) Methyl Iodide	4.26	142	25788	20.921	ug/l	97
11) Tert butyl alcohol	5.17	59	5790	104.028	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	15293	21.342	ug/l	99
13) Acrolein	3.90	56	2460	66.796	ug/l	95
14) Allyl chloride	4.66	41	20622	19.524	ug/l	97
15) Acrylonitrile	5.37	53	14153	95.100	ug/l	98
16) Acetone	4.12	43	12234	86.426	ug/l	97
17) Carbon Disulfide	4.37	76	46311	21.315	ug/l	98
18) Methyl Acetate	4.67	43	8369	21.783	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	22325	20.652	ug/l	98
20) Methylene Chloride	4.91	84	17125	19.753	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	16540	20.634	ug/l	97
22) Diisopropyl ether	6.31	45	39495	19.453	ug/l	97
23) Vinyl Acetate	6.26	43	103576	91.208	ug/l	97
24) 1,1-Dichloroethane	6.21	63	27730	20.209	ug/l	98
25) 2-Butanone	7.17	43	17228	93.225	ug/l	90
26) 2,2-Dichloropropane	7.17	77	17808	19.609	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	18383	20.944	ug/l	99
28) Bromochloromethane	7.51	49	10418	20.185	ug/l	100
29) Tetrahydrofuran	7.54	42	11015	94.153	ug/l	96
30) Chloroform	7.68	83	31082	20.815	ug/l	97
31) Cyclohexane	7.95	56	24699	19.619	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	28336	21.639	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23721	21.281	ug/l	99
37) Ethyl Acetate	7.26	43	7904	19.065	ug/l	100
38) Carbon Tetrachloride	8.07	117	26508	21.857	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007576.D
 Acq On : 15 Dec 2018 12:42
 Operator : SY/AP
 Sample : VW1214SBSD03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

Quant Time: Dec 15 19:34:05 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	28874	21.393	ug/l	94
40) Benzene	8.32	78	65505	21.176	ug/l	99
41) Methacrylonitrile	7.49	41	5153	21.827	ug/l	95
42) 1,2-Dichloroethane	8.40	62	20749	21.353	ug/l	100
43) Isopropyl Acetate	8.43	43	16201	19.784	ug/l	98
44) Trichloroethene	9.09	130	18419	20.852	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15061	21.040	ug/l	98
46) Dibromomethane	9.46	93	8520	20.959	ug/l	99
47) Bromodichloromethane	9.65	83	22700	21.289	ug/l	96
48) Methyl methacrylate	9.44	41	7812	18.574	ug/l	92
49) 1,4-Dioxane	9.45	88	3070	465.440	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	38359	99.135	ug/l	99
52) Toluene	10.39	92	43758	21.859	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	21262	20.539	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	23638	19.753	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12338	22.301	ug/l	97
56) Ethyl methacrylate	10.65	69	14366	21.603	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20175	22.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	28905	94.257	ug/l	100
59) 2-Hexanone	10.97	43	26334	102.066	ug/l	99
60) Dibromochloromethane	11.13	129	15372	22.016	ug/l	98
61) 1,2-Dibromoethane	11.24	107	11912	21.787	ug/l	96
64) Tetrachloroethene	10.87	164	17313	22.073	ug/l	98
65) Chlorobenzene	11.66	112	49196	21.640	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	16721	20.883	ug/l	95
67) Ethyl Benzene	11.73	91	84730	21.678	ug/l	93
68) m/p-Xylenes	11.84	106	67253	44.260	ug/l	97
69) o-Xylene	12.17	106	30699	21.633	ug/l	97
70) Styrene	12.18	104	50828	22.175	ug/l	98
71) Bromoform	12.35	173	8249	20.128	ug/l #	96
73) Isopropylbenzene	12.47	105	86737	20.697	ug/l	100
74) N-amyl acetate	12.28	43	14544	19.095	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12922	20.818	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	17743	39.344	ug/l #	1
77) Bromobenzene	12.75	156	19804	21.319	ug/l	99
78) n-propylbenzene	12.81	91	102102	21.648	ug/l	99
79) 2-Chlorotoluene	12.90	91	59647	20.901	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	74806	21.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3627	17.766	ug/l	96
82) 4-Chlorotoluene	12.99	91	62442	20.757	ug/l	97
83) tert-Butylbenzene	13.21	119	65580	21.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	76422	21.090	ug/l	99
85) sec-Butylbenzene	13.39	105	90798	21.436	ug/l	97
86) p-Isopropyltoluene	13.51	119	80781	21.229	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	38930	21.019	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38598	20.729	ug/l	98
89) n-Butylbenzene	13.83	91	73801	20.921	ug/l	98
90) Hexachloroethane	14.10	117	14053	20.756	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	34501	20.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2409	19.339	ug/l	94

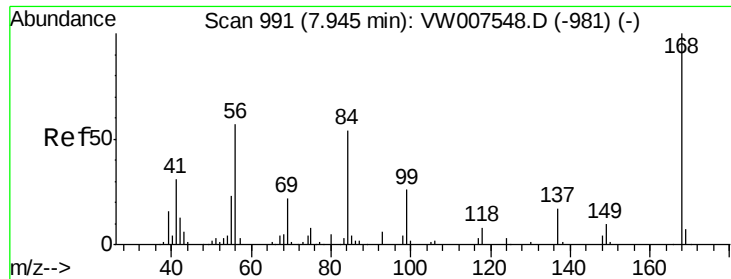
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007576.D
Acq On : 15 Dec 2018 12:42
Operator : SY/AP
Sample : VW1214SBSD03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

Quant Time: Dec 15 19:34:05 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	23610	20.681	ug/l	94
94) Hexachlorobutadiene	15.24	225	12489	20.618	ug/l	99
95) Naphthalene	15.38	128	44799	20.513	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	20658	20.831	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

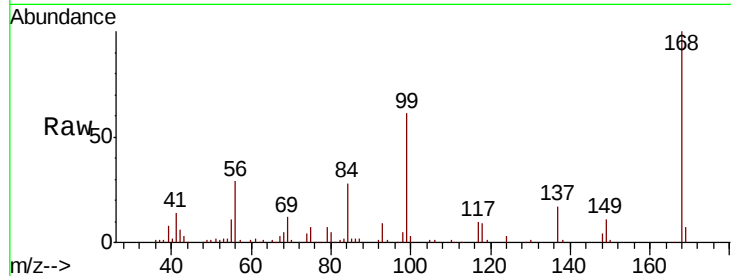
VW1217SBSD03

Tgt Ion:168 Resp: 73048

Ion Ratio Lower Upper

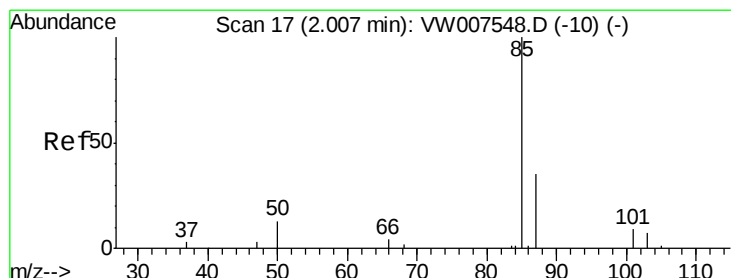
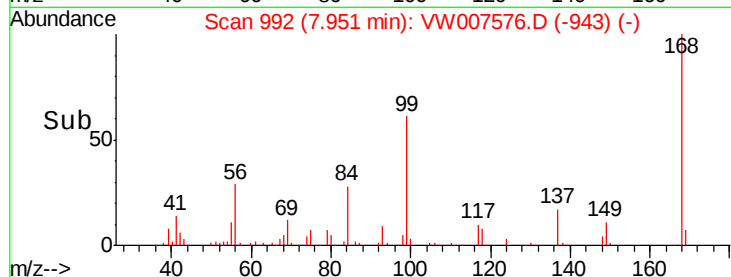
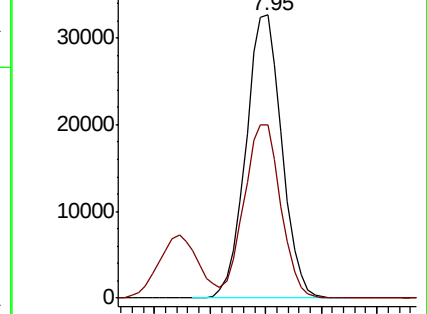
168 100

99 61.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.604 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007576.D

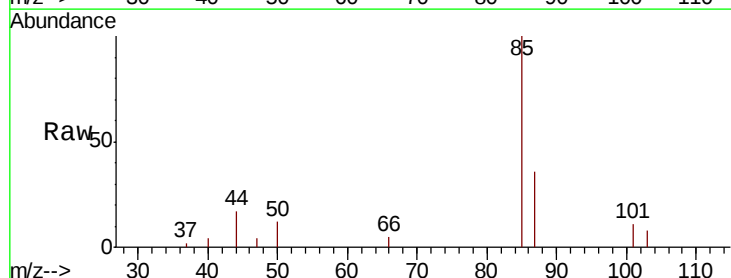
Acq: 15 Dec 2018 12:42

Tgt Ion: 85 Resp: 11028

Ion Ratio Lower Upper

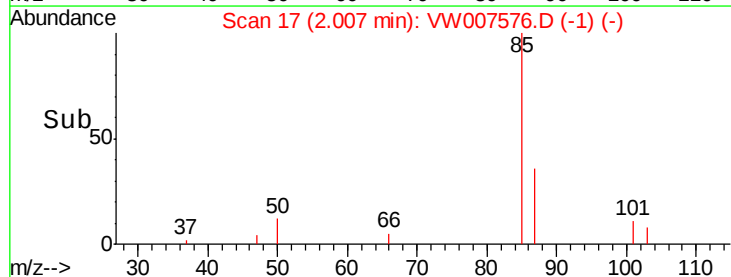
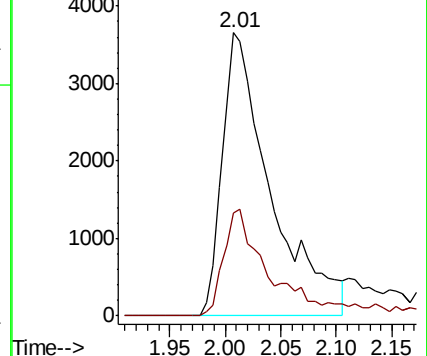
85 100

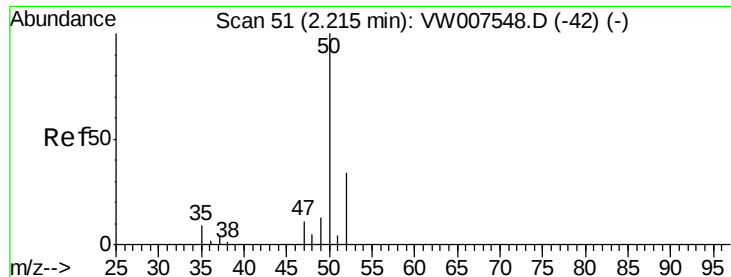
87 36.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.764 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

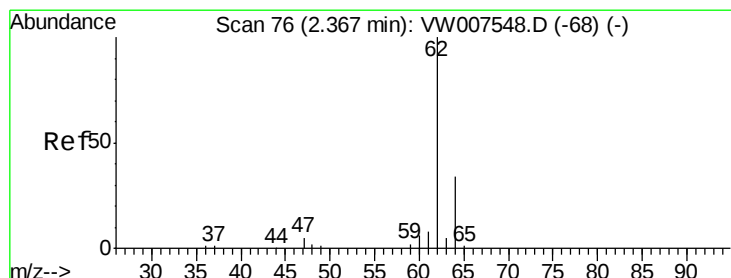
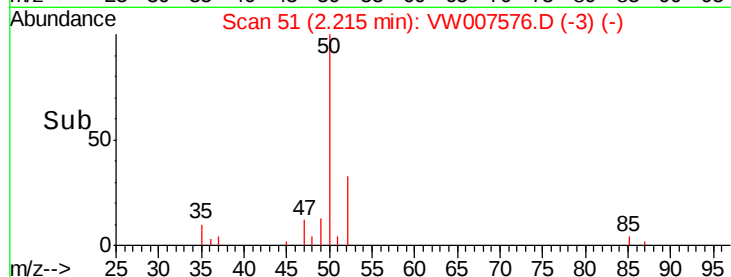
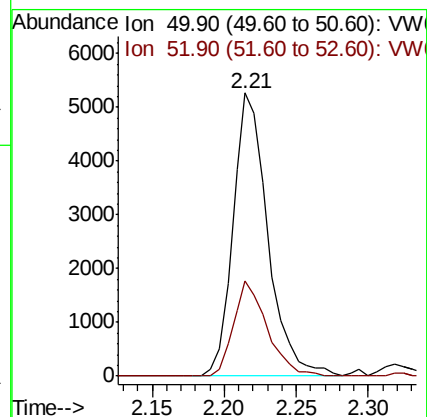
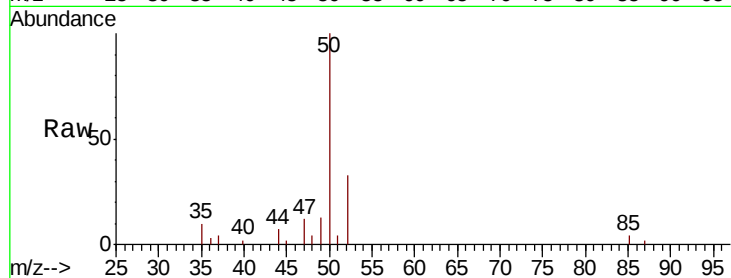
VW1217SBSD03

Tgt Ion: 50 Resp: 8877

Ion Ratio Lower Upper

50 100

52 33.5 27.4 41.0



#4

Vinyl Chloride

Concen: 21.862 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007576.D

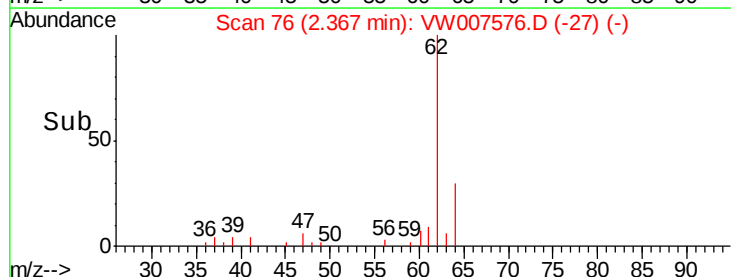
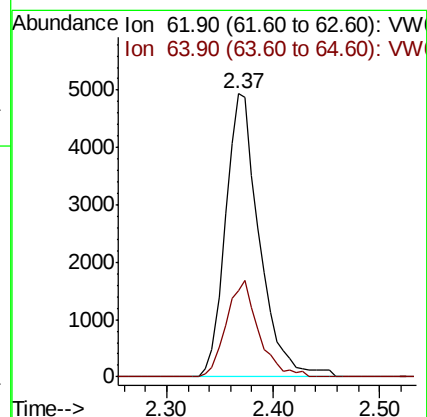
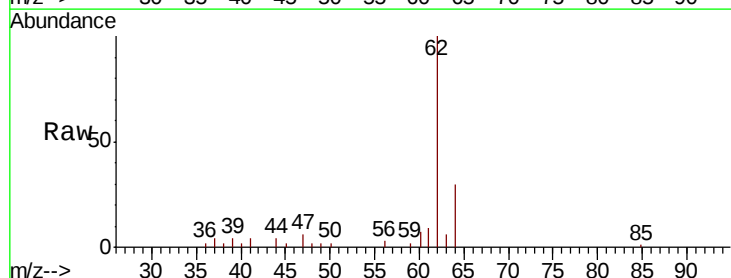
Acq: 15 Dec 2018 12:42

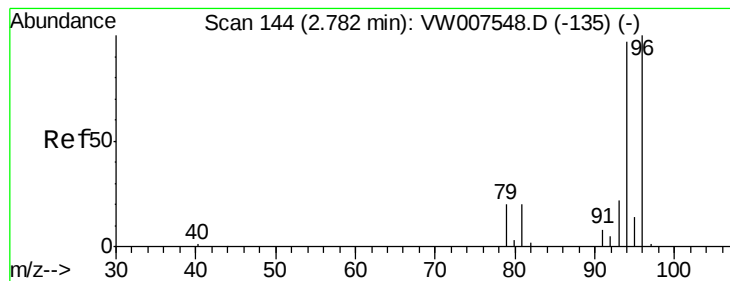
Tgt Ion: 62 Resp: 10968

Ion Ratio Lower Upper

62 100

64 30.4 24.6 37.0





#5

Bromomethane

Concen: 20.656 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

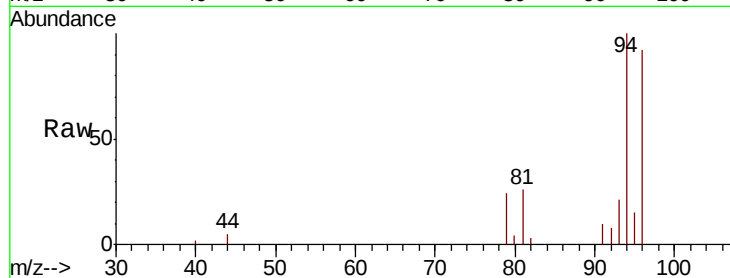
VW1217SBSD03

Tgt Ion: 94 Resp: 6963

Ion Ratio Lower Upper

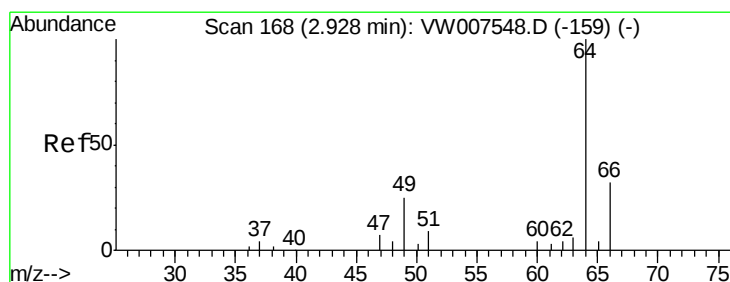
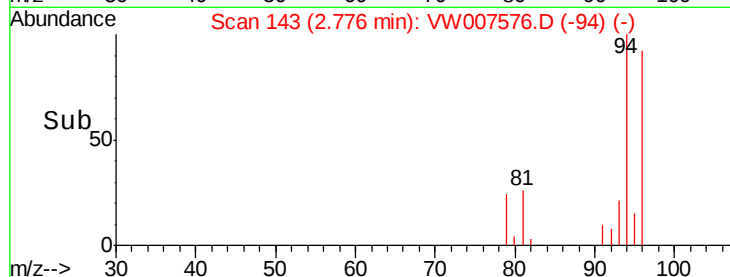
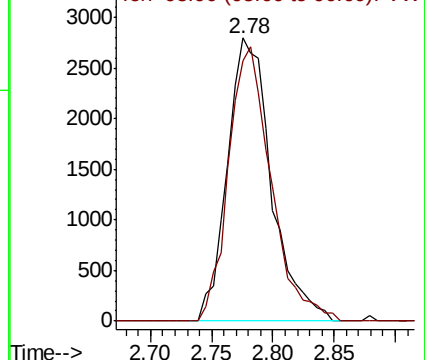
94 100

96 92.1 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.864 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007576.D

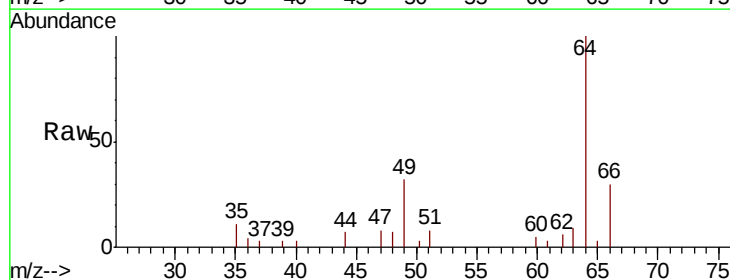
Acq: 15 Dec 2018 12:42

Tgt Ion: 64 Resp: 5762

Ion Ratio Lower Upper

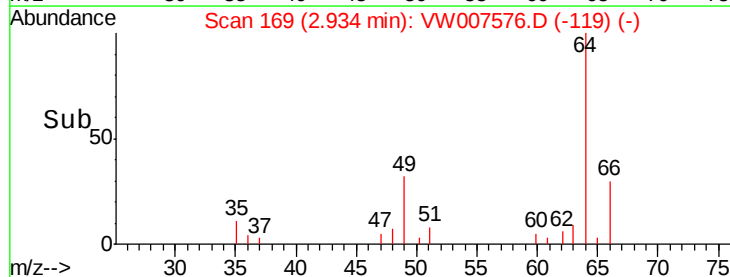
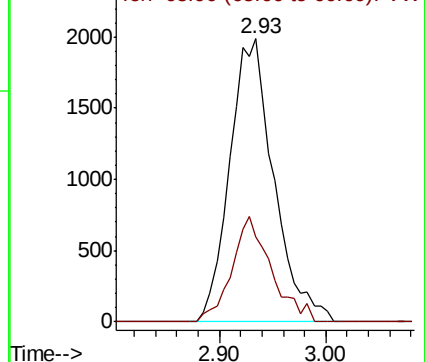
64 100

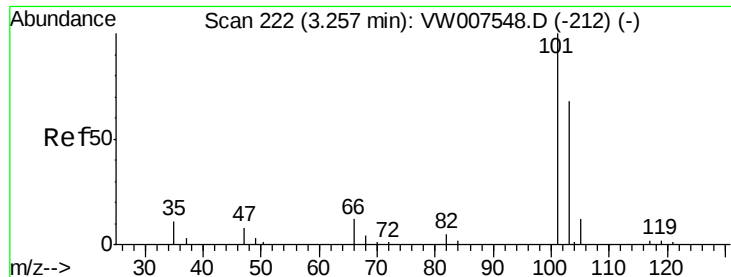
66 30.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



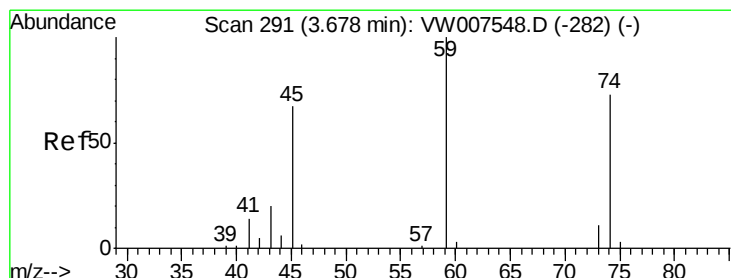
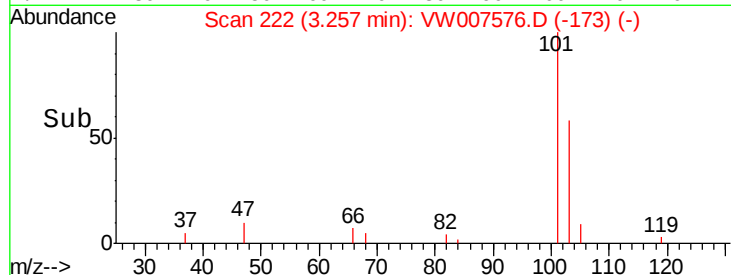
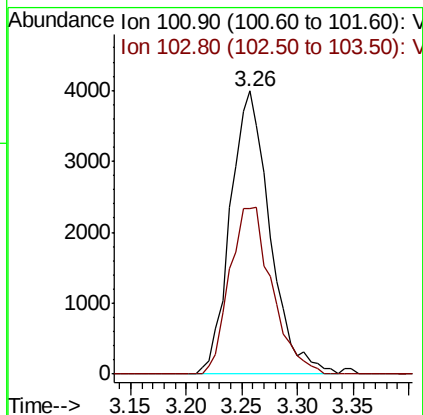
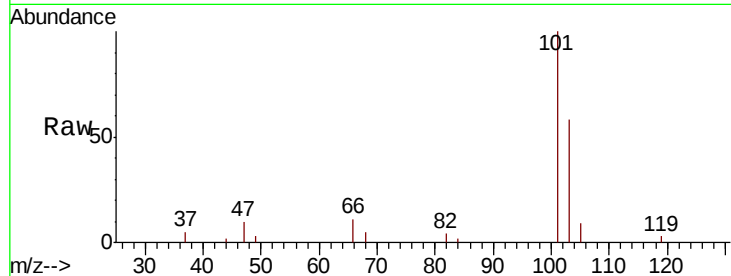


#7

Trichlorofluoromethane
 Concen: 21.800 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

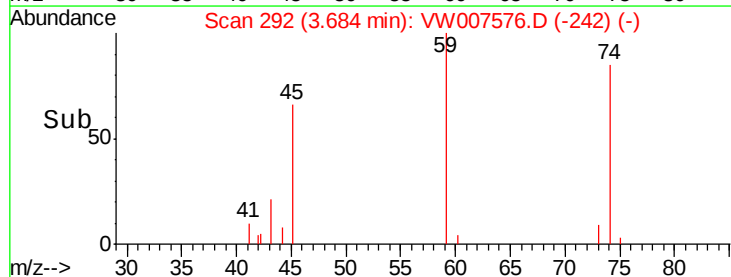
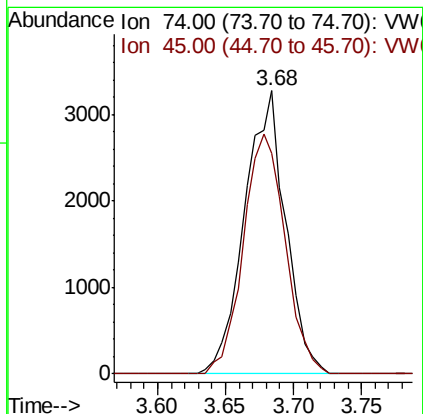
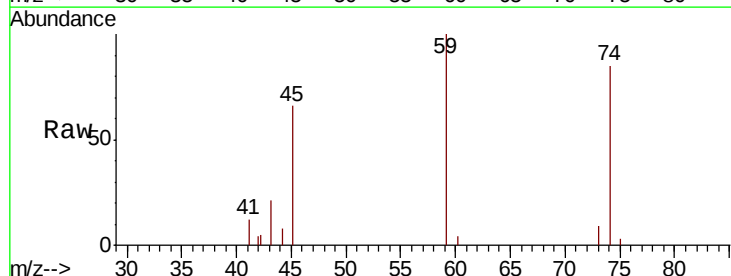
Tgt Ion: 101 Resp: 9833
 Ion Ratio Lower Upper
 101 100
 103 58.4 51.7 77.5

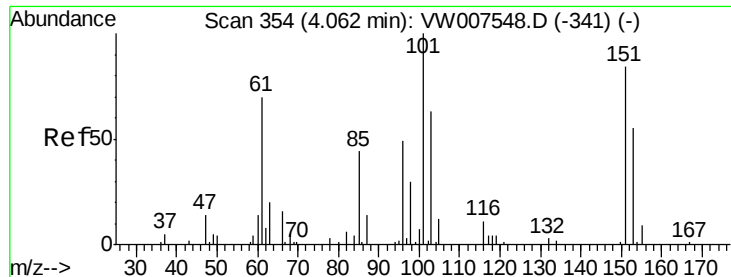


#8

Diethyl Ether
 Concen: 19.599 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 74 Resp: 6919
 Ion Ratio Lower Upper
 74 100
 45 86.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.516 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

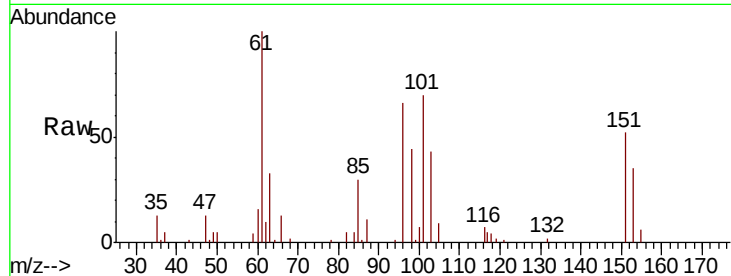
Tgt Ion:101 Resp: 15269

Ion Ratio Lower Upper

101 100

85 45.2 33.9 50.9

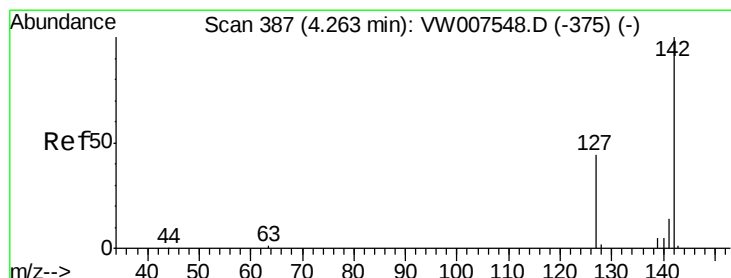
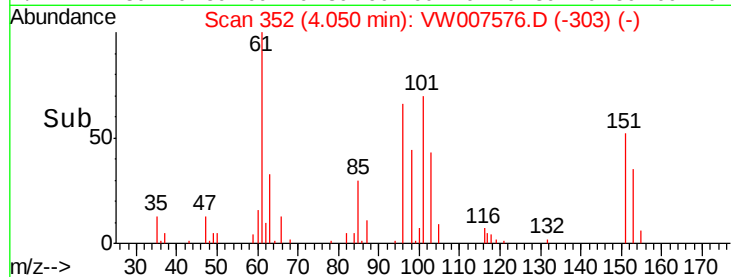
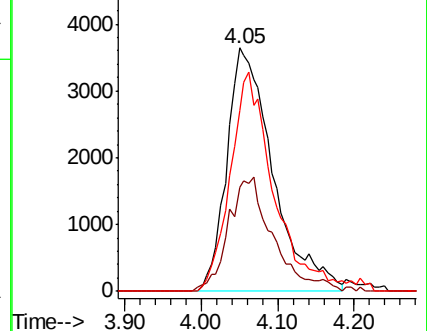
151 84.5 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.921 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

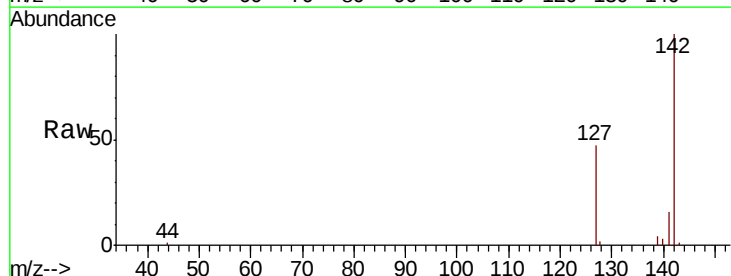
Tgt Ion:142 Resp: 25788

Ion Ratio Lower Upper

142 100

127 46.6 35.8 53.6

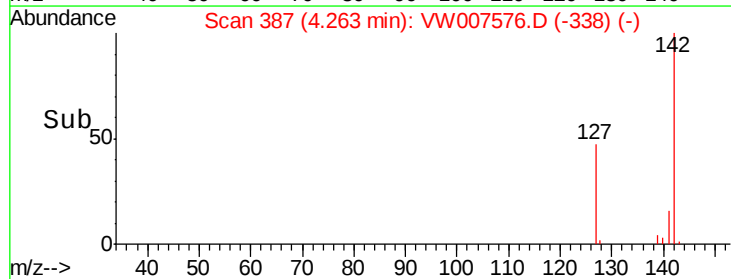
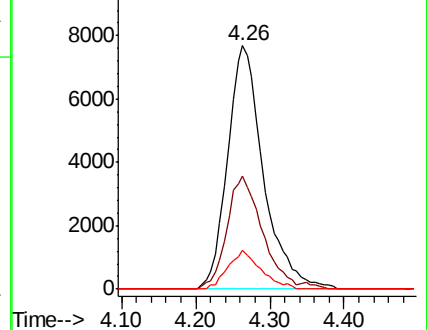
141 14.5 11.1 16.7

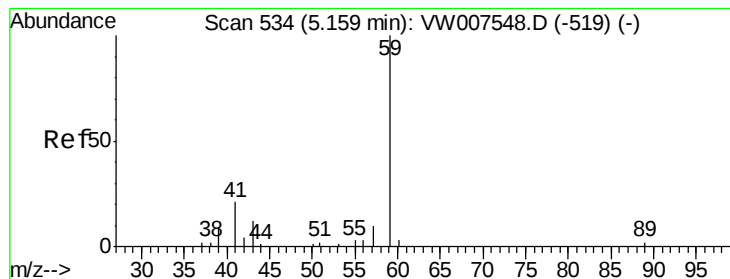


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



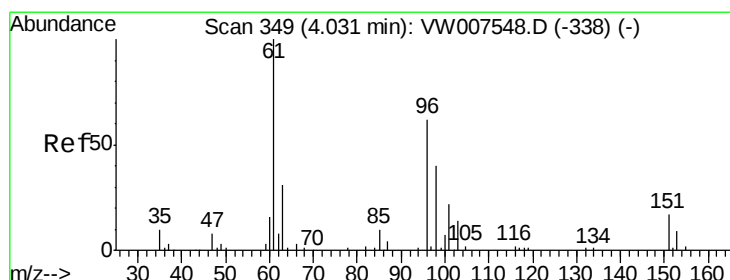
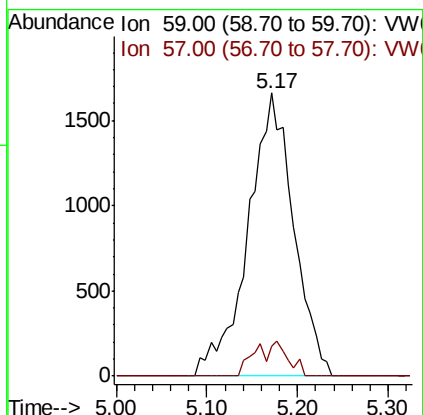
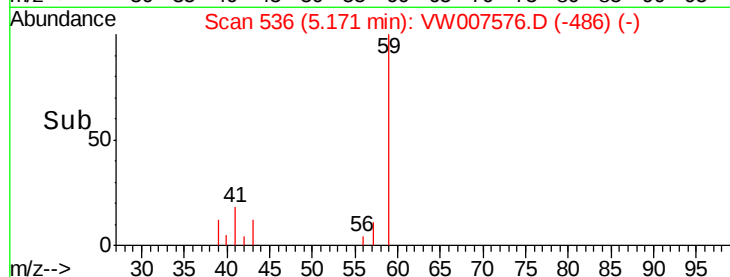
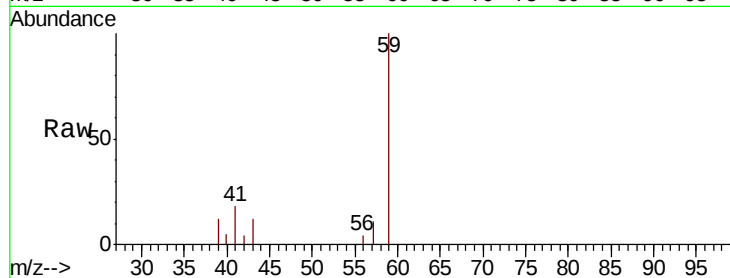


#11

Tert butyl alcohol
 Concen: 104.028 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

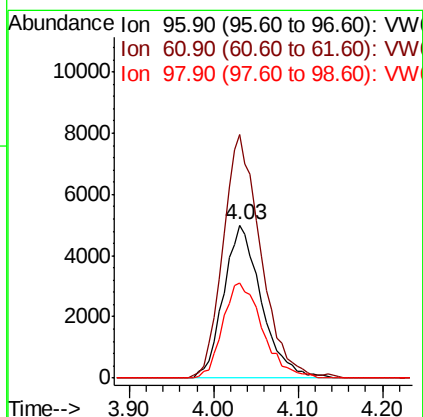
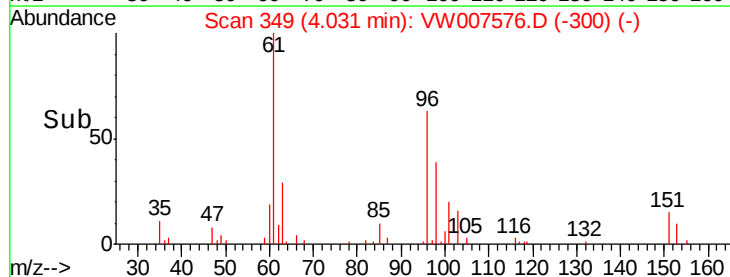
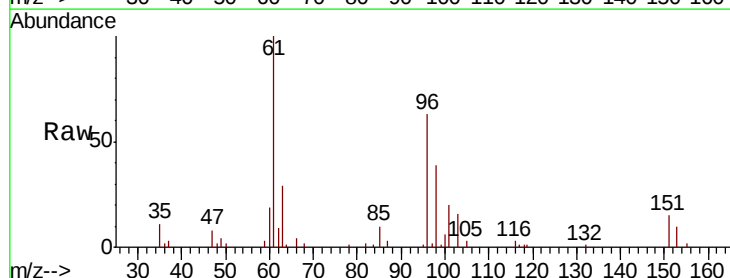
Tgt Ion: 59 Resp: 5790
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.6 11.4#

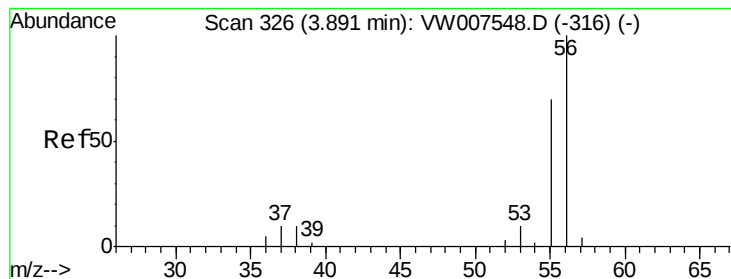


#12

1,1-Dichloroethene
 Concen: 21.342 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 96 Resp: 15293
 Ion Ratio Lower Upper
 96 100
 61 158.9 126.2 189.2
 98 61.7 48.3 72.5





#13

Acrolein

Concen: 66.796 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

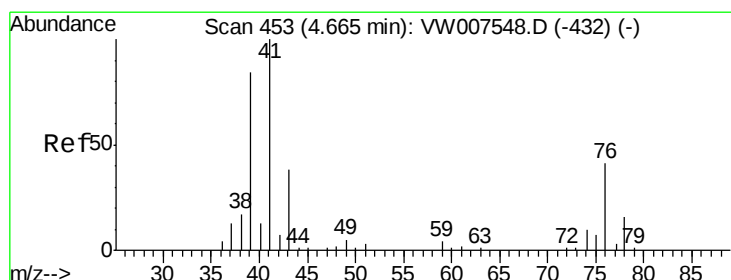
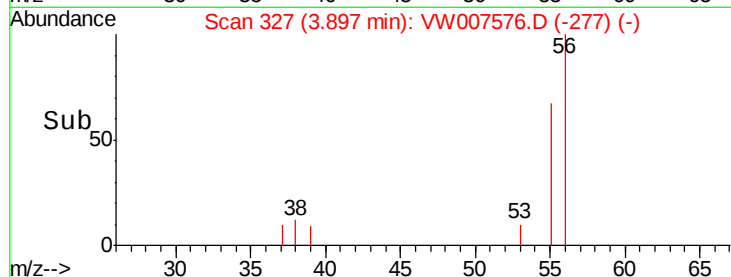
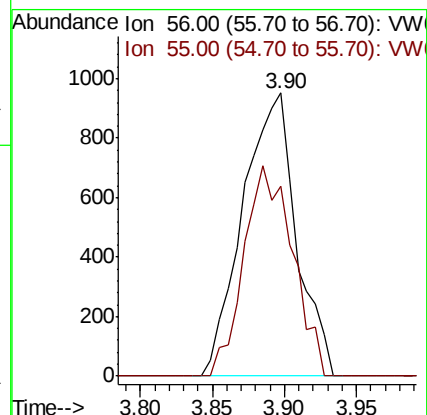
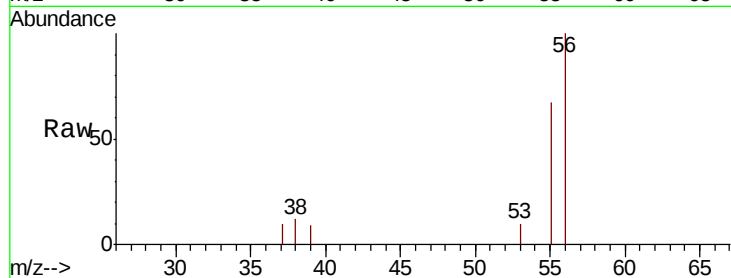
VW1217SBSD03

Tgt Ion: 56 Resp: 2460

Ion Ratio Lower Upper

56 100

55 67.6 57.4 86.2



#14

Allyl chloride

Concen: 19.524 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

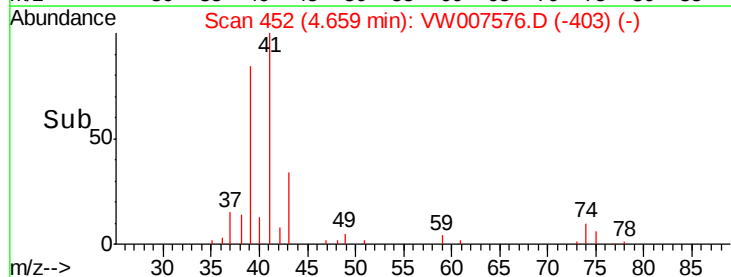
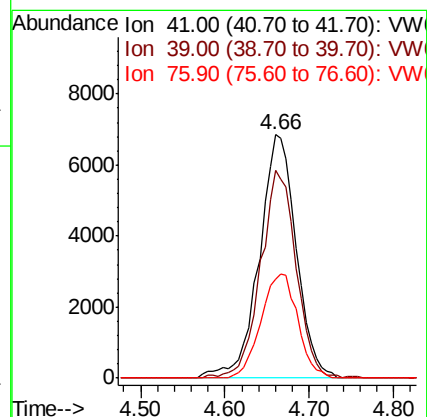
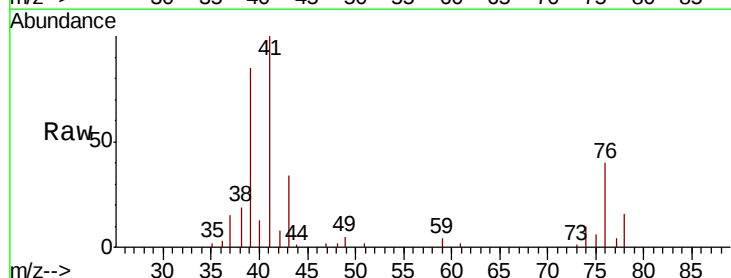
Tgt Ion: 41 Resp: 20622

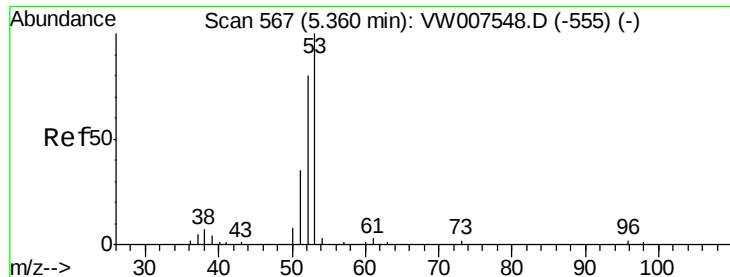
Ion Ratio Lower Upper

41 100

39 82.1 63.4 95.2

76 42.4 32.1 48.1





#15

Acrylonitrile

Concen: 95.100 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

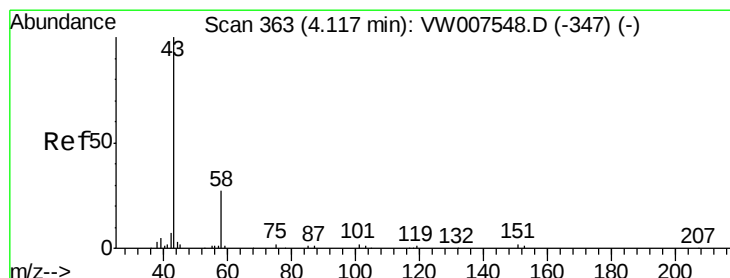
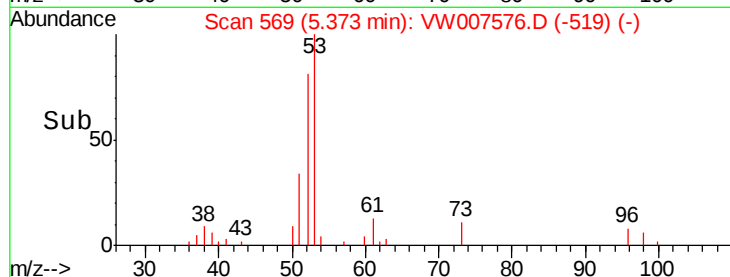
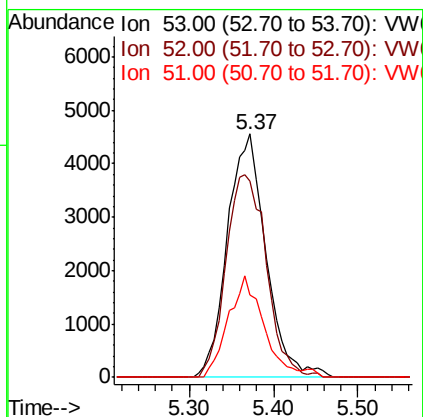
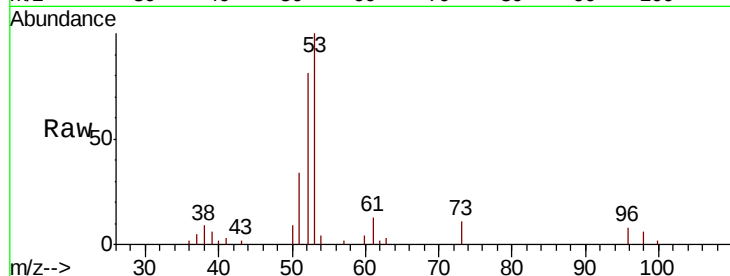
Tgt Ion: 53 Resp: 14153

Ion Ratio Lower Upper

53 100

52 87.1 67.4 101.2

51 37.8 30.2 45.2



#16

Acetone

Concen: 86.426 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007576.D

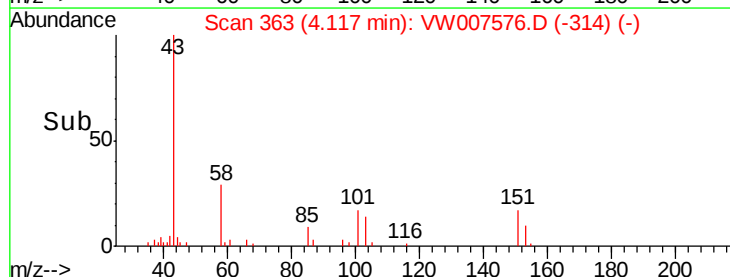
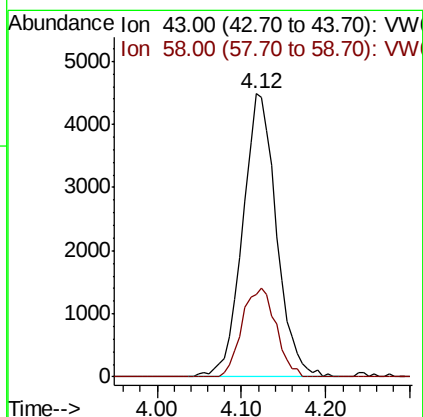
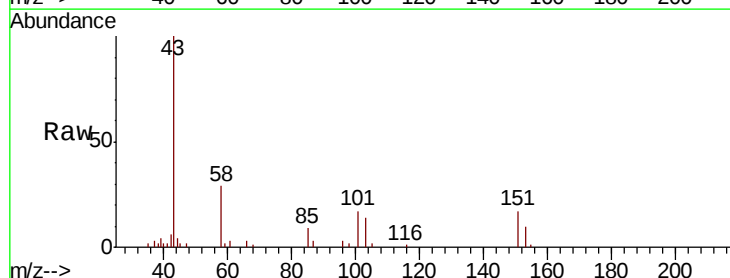
Acq: 15 Dec 2018 12:42

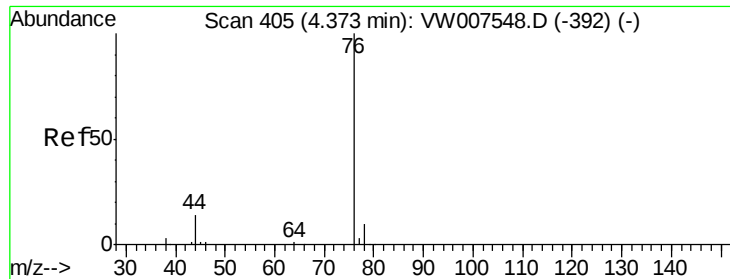
Tgt Ion: 43 Resp: 12234

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3

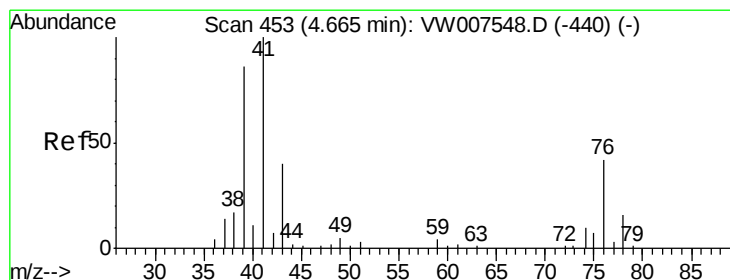
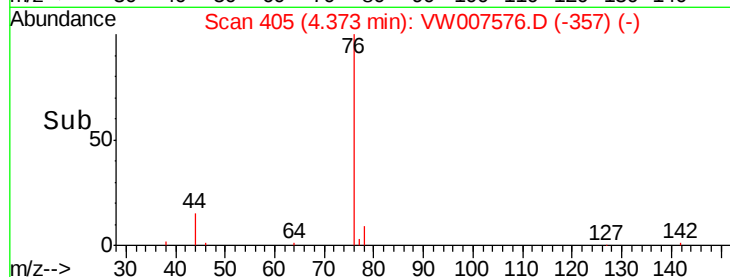
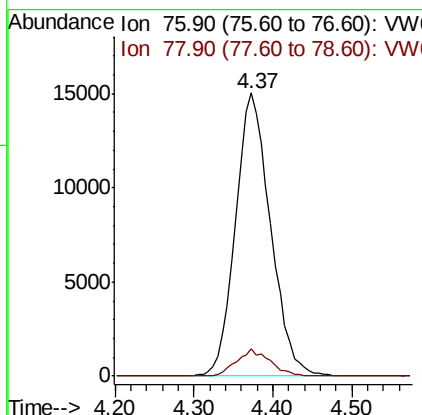
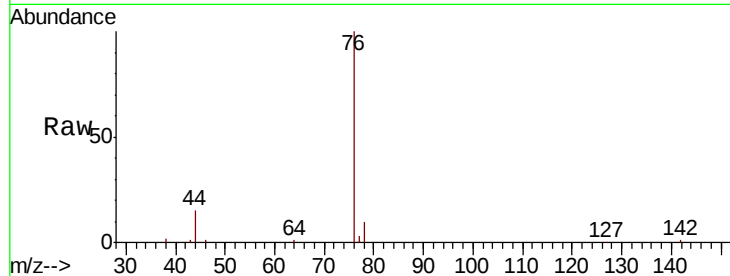




#17
Carbon Disulfide
Concen: 21.315 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

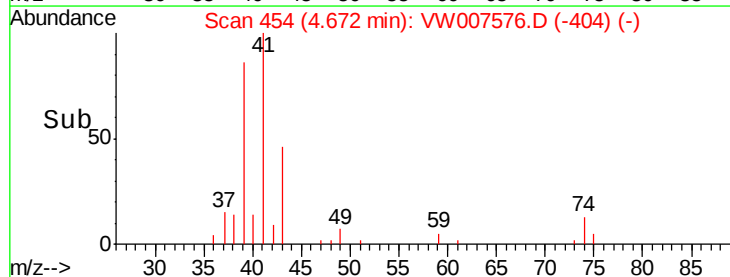
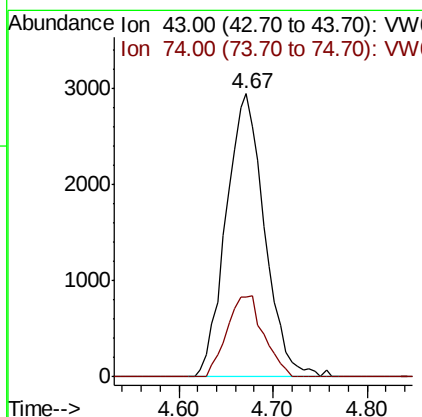
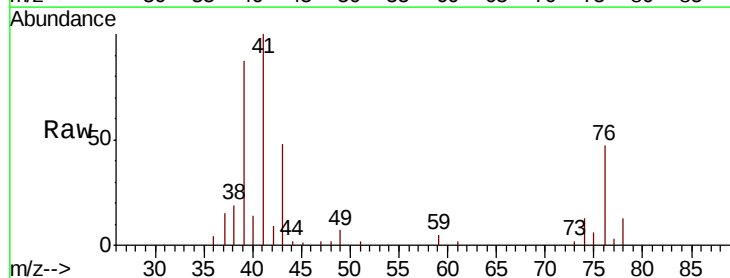
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

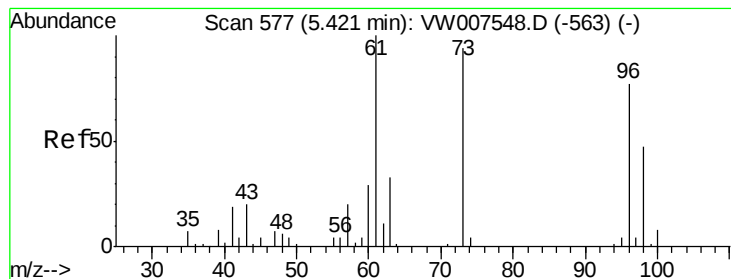
Tgt Ion: 76 Resp: 46311
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 21.783 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 43 Resp: 8369
Ion Ratio Lower Upper
43 100
74 27.4 21.1 31.7



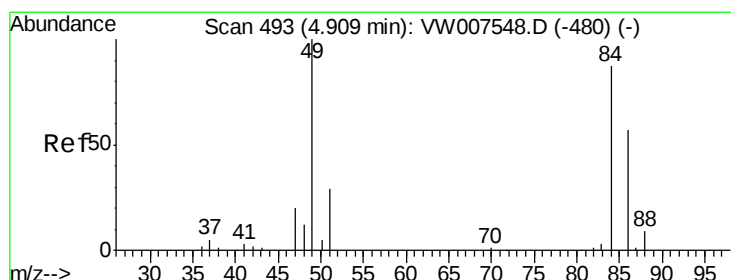
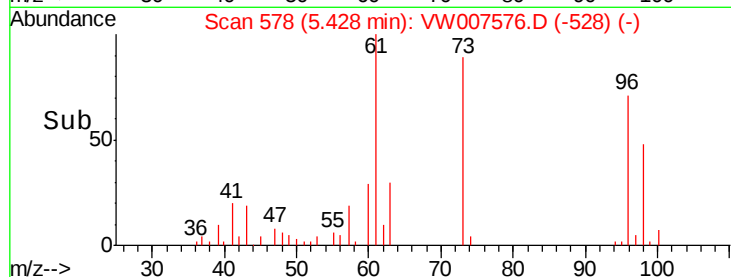
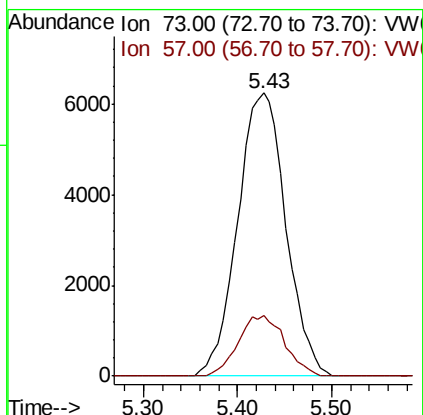
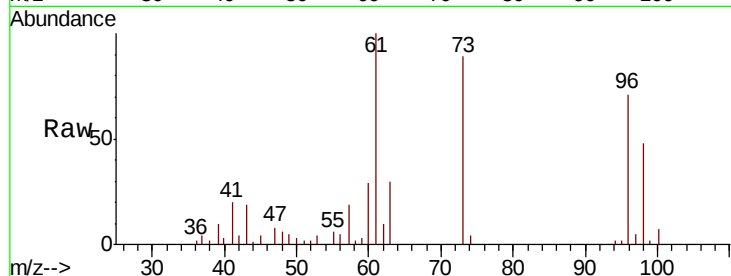


#19

Methyl tert-butyl Ether
 Concen: 20.652 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

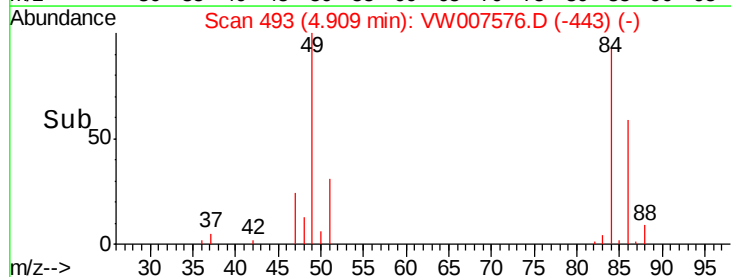
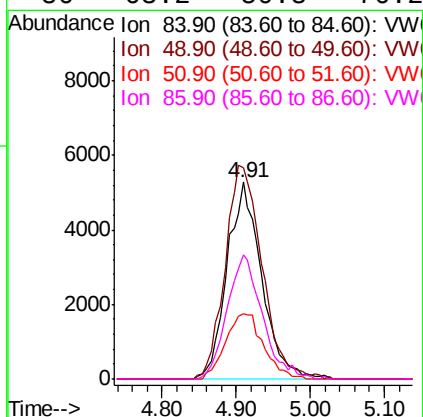
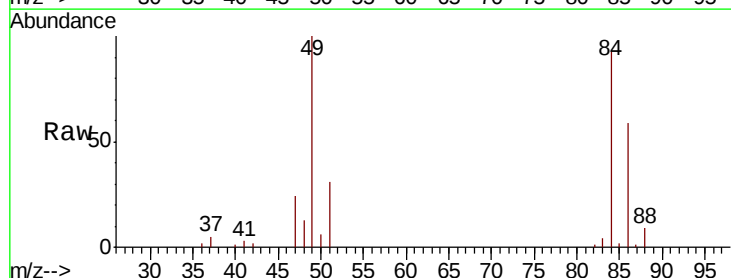
Tgt Ion: 73 Resp: 22325
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.4 24.6

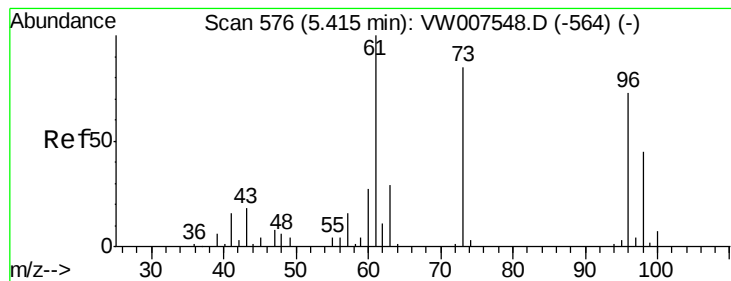


#20

Methylene Chloride
 Concen: 19.753 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 84 Resp: 17125
 Ion Ratio Lower Upper
 84 100
 49 107.1 87.1 130.7
 51 33.1 28.2 42.2
 86 63.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.634 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

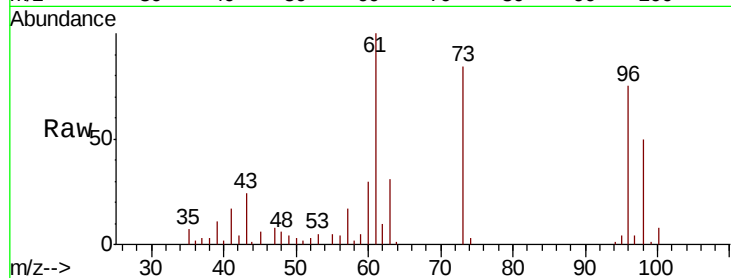
Tgt Ion: 96 Resp: 16540

Ion Ratio Lower Upper

96 100

61 133.1 105.0 157.6

98 66.2 49.7 74.5

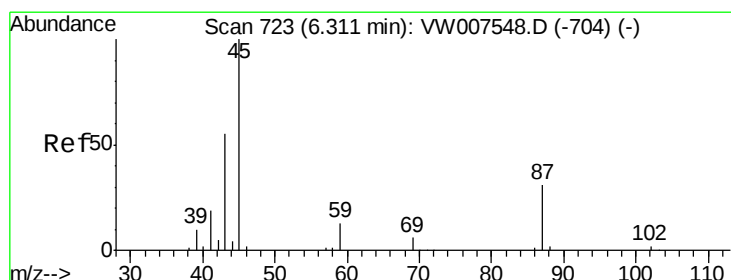
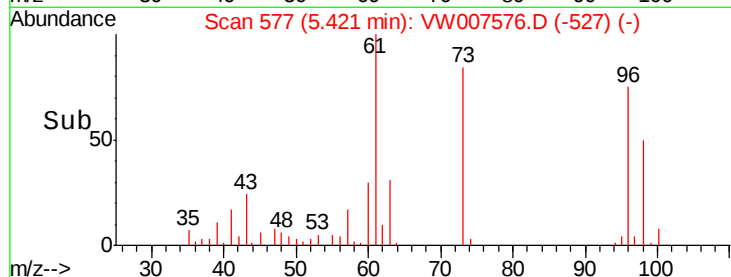
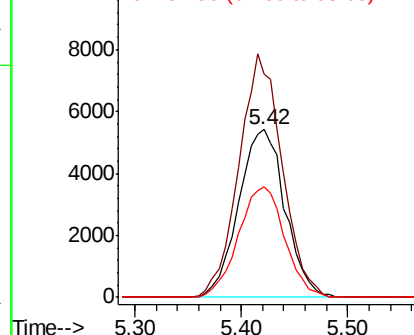


Abundance

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: 19.453 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Tgt Ion: 45 Resp: 39495

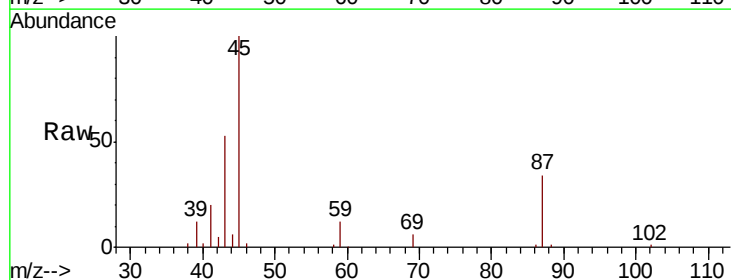
Ion Ratio Lower Upper

45 100

43 53.0 41.6 62.4

87 34.3 24.3 36.5

59 11.8 9.4 14.0



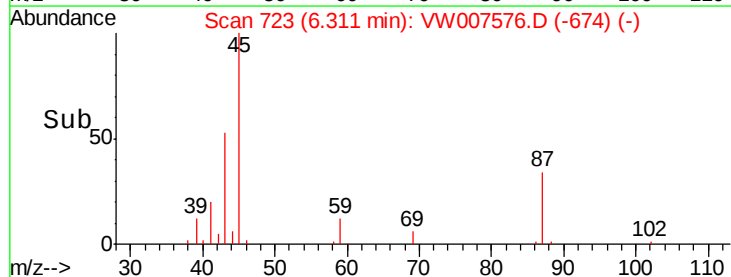
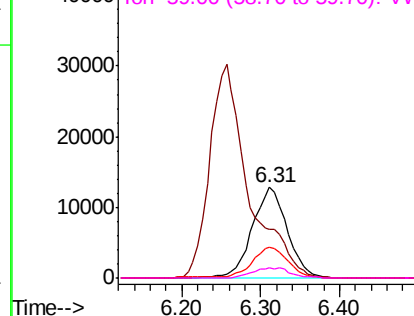
Abundance

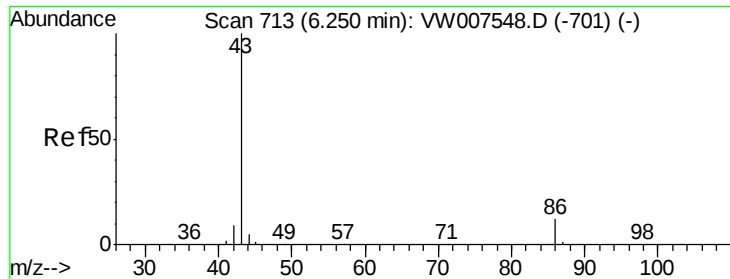
Ion 45.00 (44.70 to 45.70): VW

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

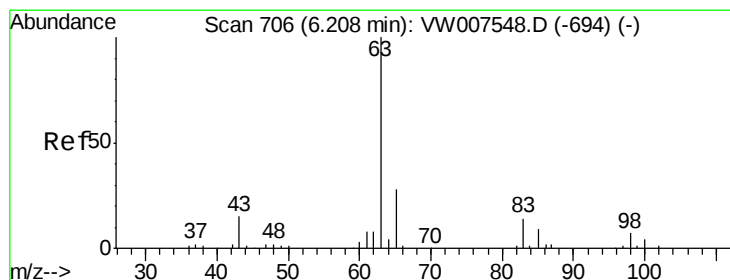
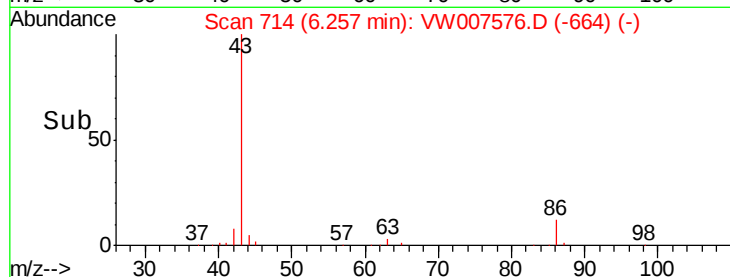
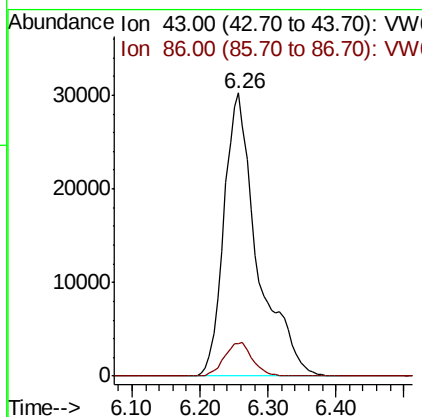
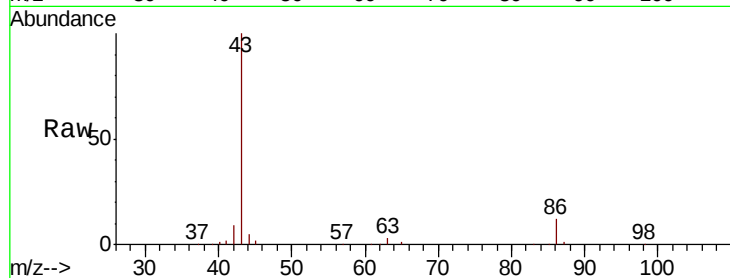




#23
 Vinyl Acetate
 Concen: 91.208 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

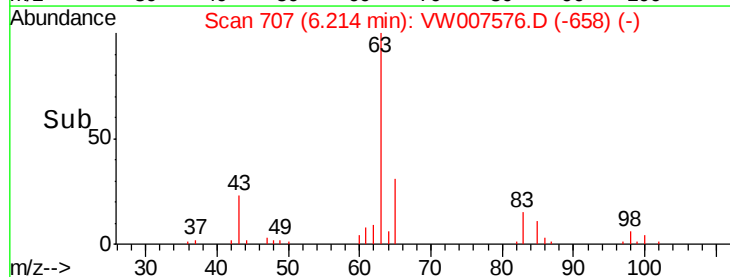
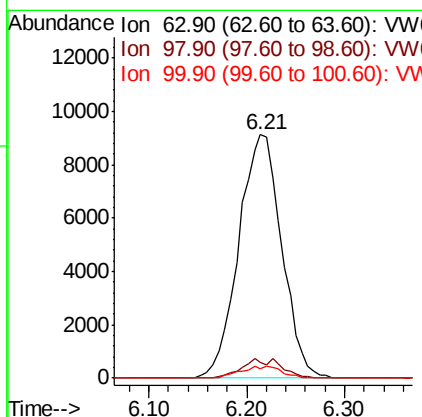
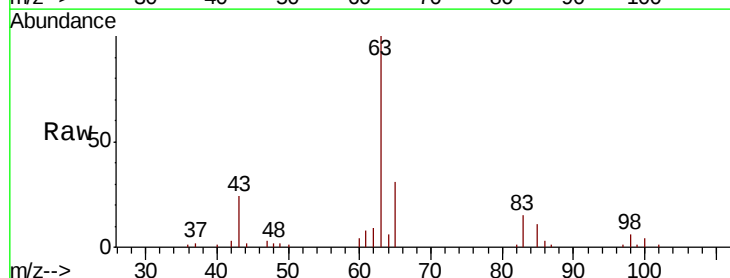
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

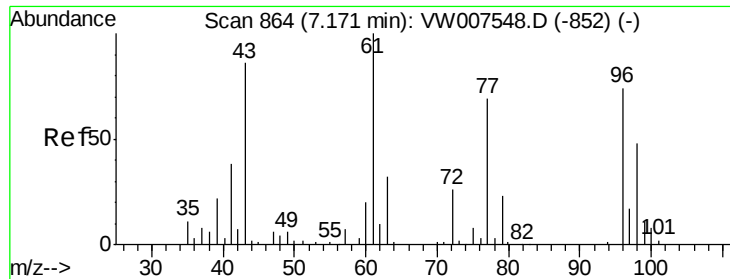
Tgt Ion: 43 Resp: 103576
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.209 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 63 Resp: 27730
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.0 2.5 7.5

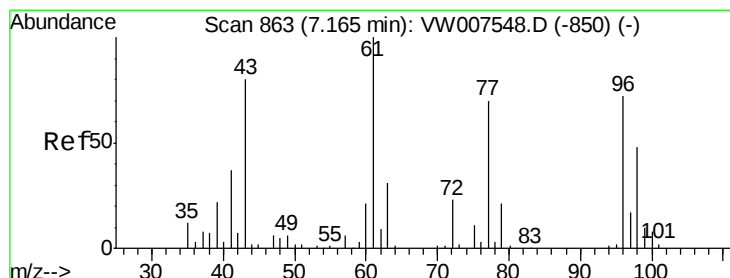
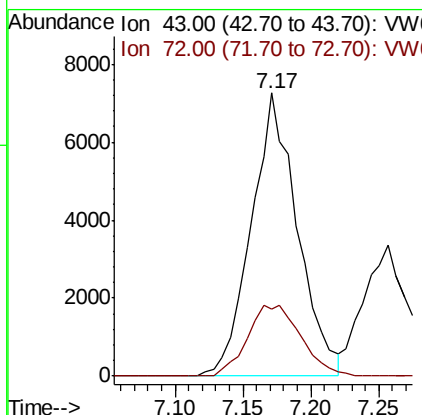
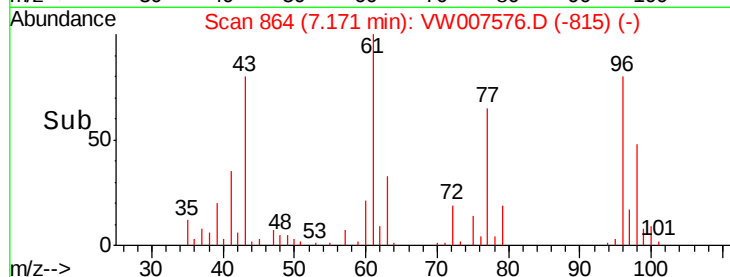
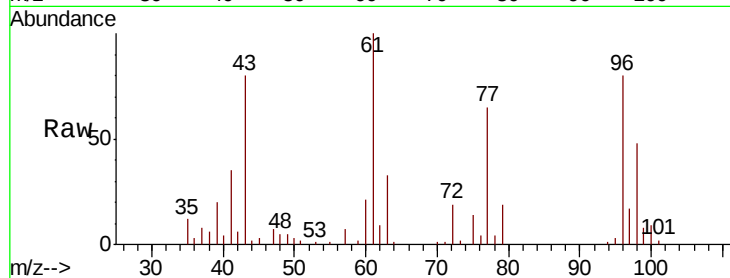




#25
2-Butanone
Concen: 93.225 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

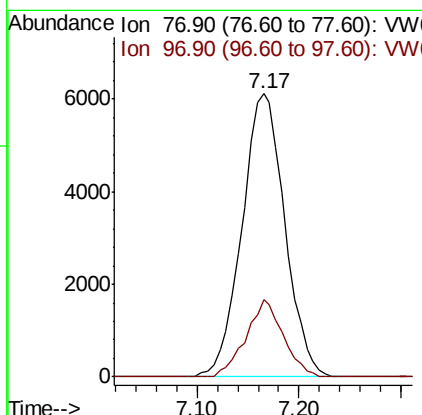
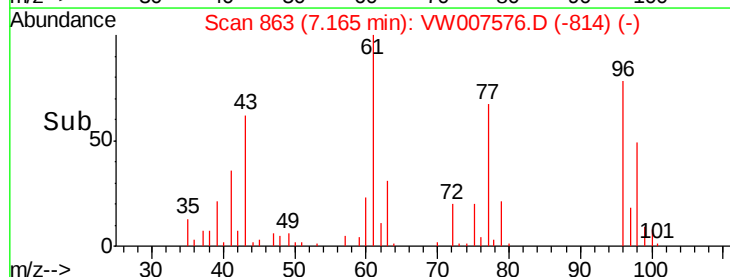
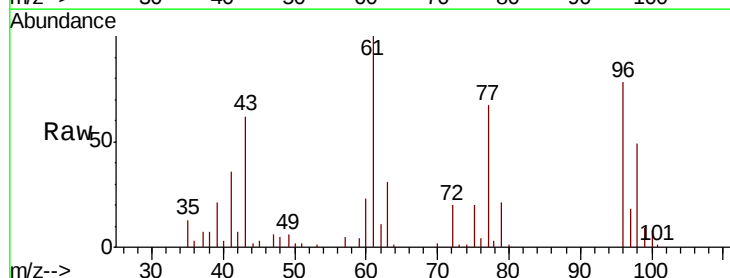
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

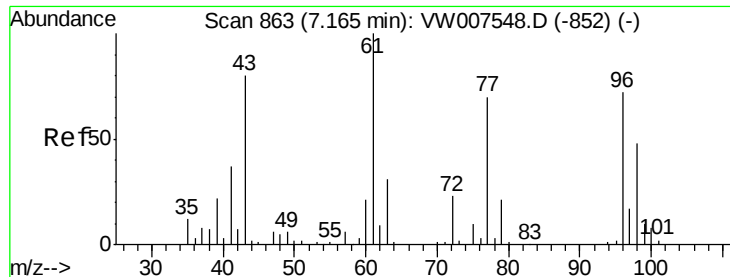
Tgt Ion: 43 Resp: 17228
Ion Ratio Lower Upper
43 100
72 23.7 23.4 35.2



#26
2,2-Dichloropropane
Concen: 19.609 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 77 Resp: 17808
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.8



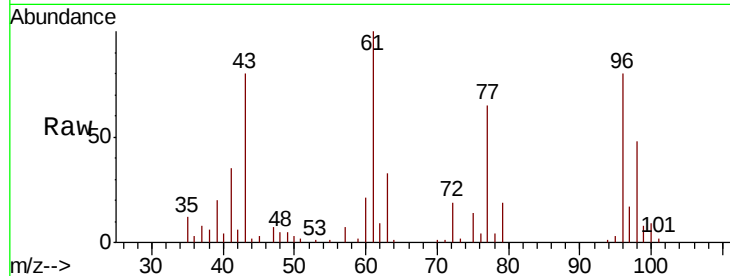


#27

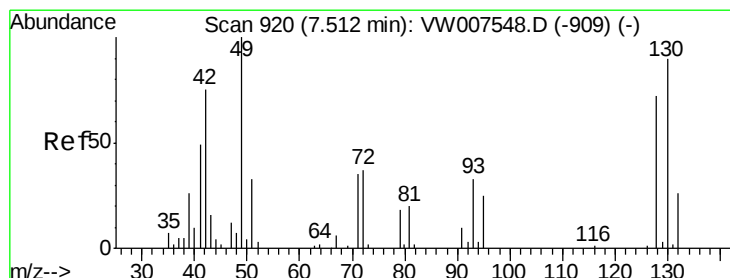
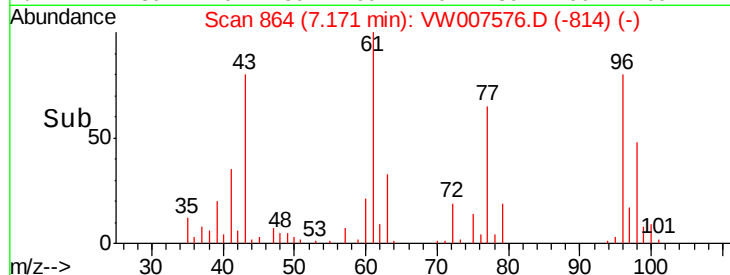
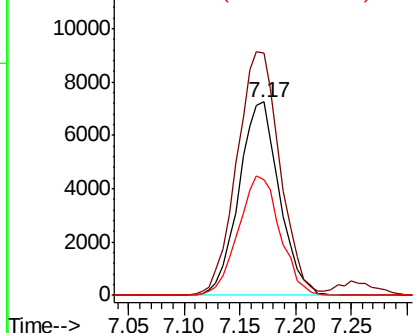
cis-1,2-Dichloroethene
Concen: 20.944 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

Tgt Ion: 96 Resp: 18383
Ion Ratio Lower Upper
96 100
61 133.5 0.0 268.4
98 63.4 0.0 127.8



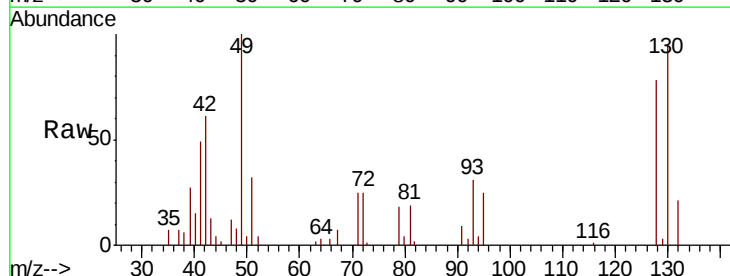
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



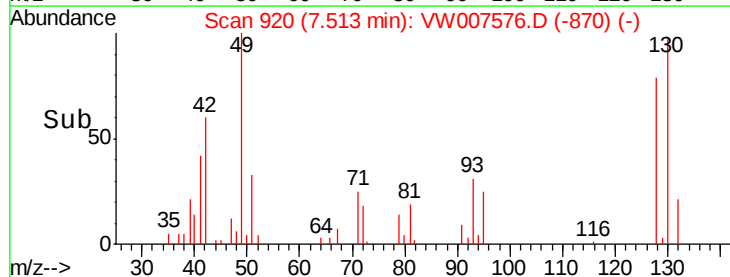
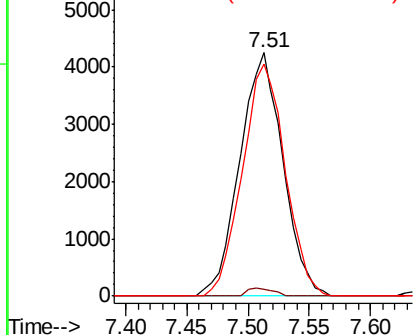
#28

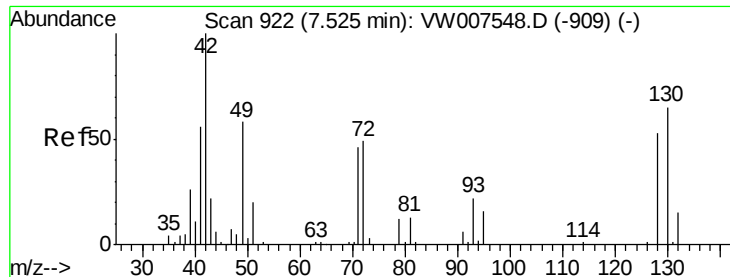
Bromochloromethane
Concen: 20.185 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 49 Resp: 10418
Ion Ratio Lower Upper
49 100
129 1.9 0.0 2.6
130 94.7 75.9 113.9



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





#29

Tetrahydrofuran

Concen: 94.153 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

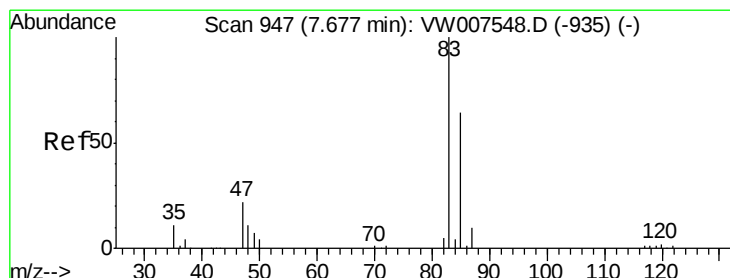
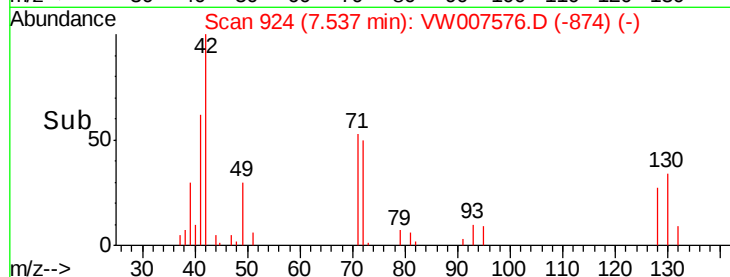
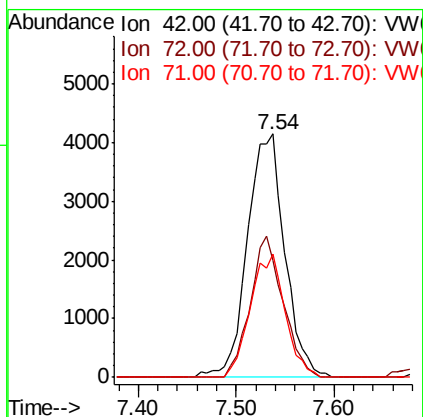
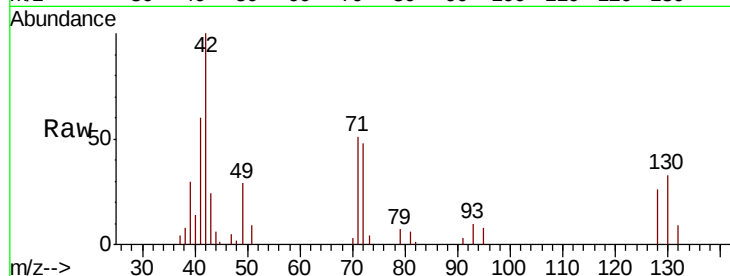
Tgt Ion: 42 Resp: 11015

Ion Ratio Lower Upper

42 100

72 51.1 38.2 57.4

71 47.1 35.5 53.3



#30

Chloroform

Concen: 20.815 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW007576.D

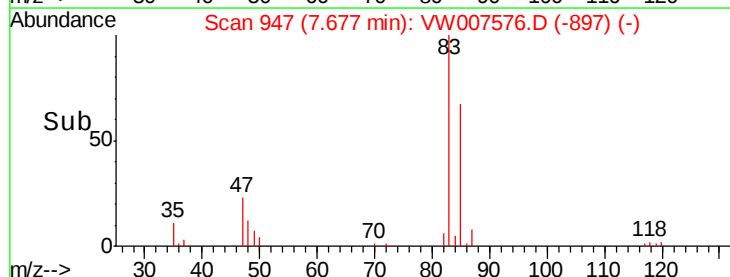
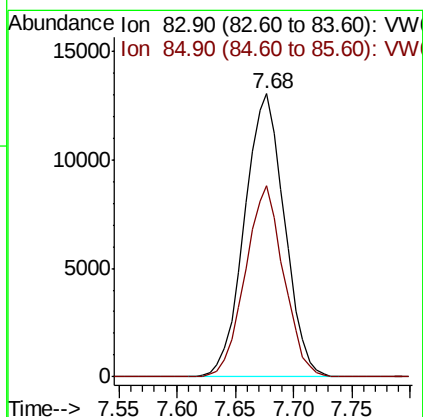
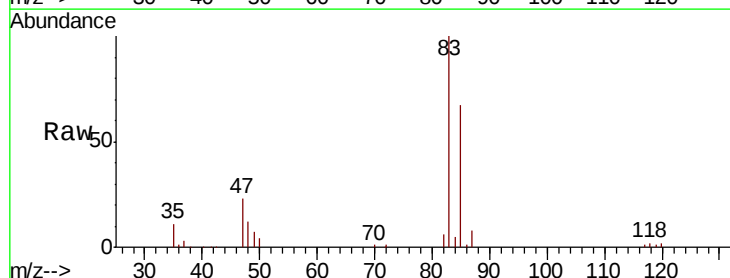
Acq: 15 Dec 2018 12:42

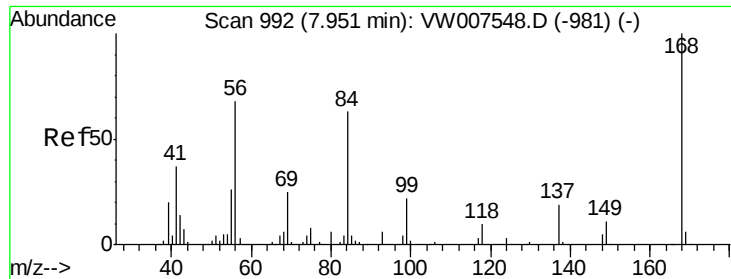
Tgt Ion: 83 Resp: 31082

Ion Ratio Lower Upper

83 100

85 67.5 51.8 77.8

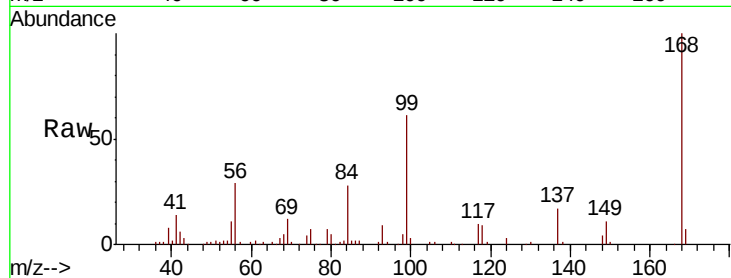




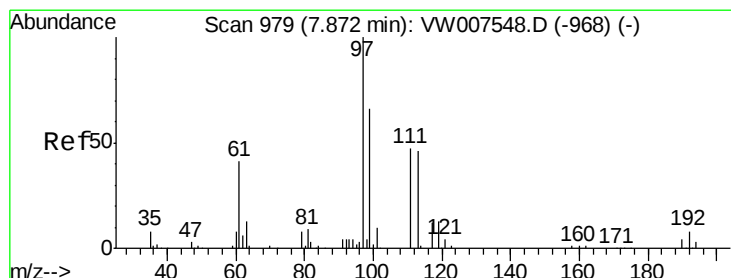
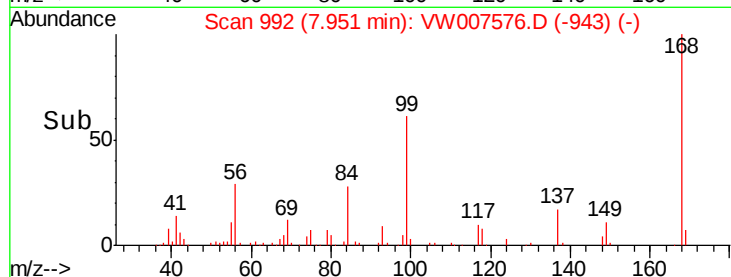
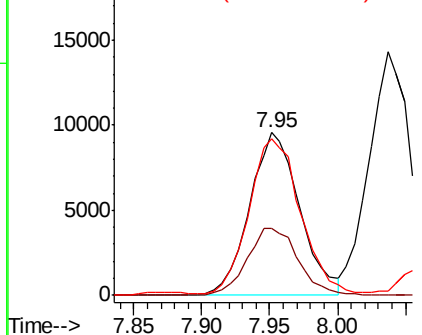
#31
Cyclohexane
Concen: 19.619 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

Tgt Ion: 56 Resp: 24699
Ion Ratio Lower Upper
56 100
69 40.9 28.9 43.3
84 95.1 71.8 107.6

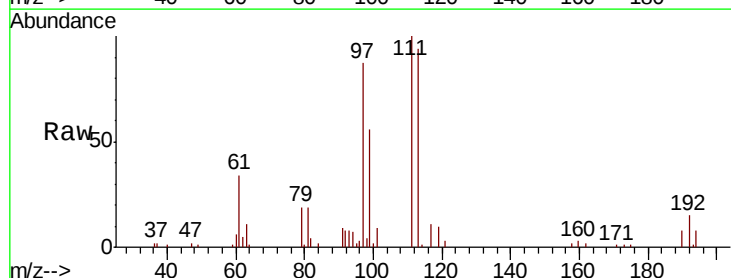


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

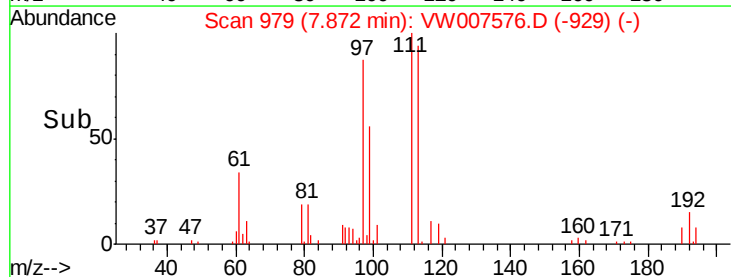
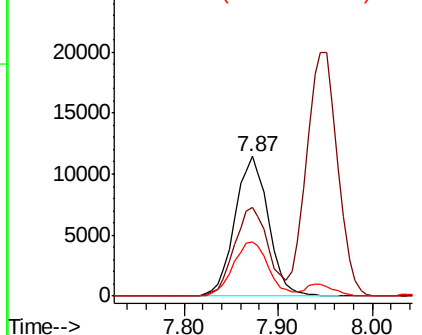


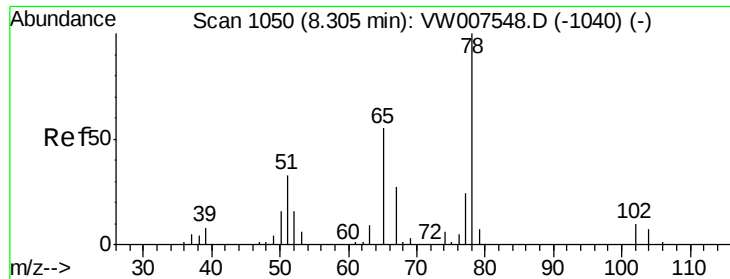
#32
1,1,1-Trichloroethane
Concen: 21.639 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 97 Resp: 28336
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 41.0 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

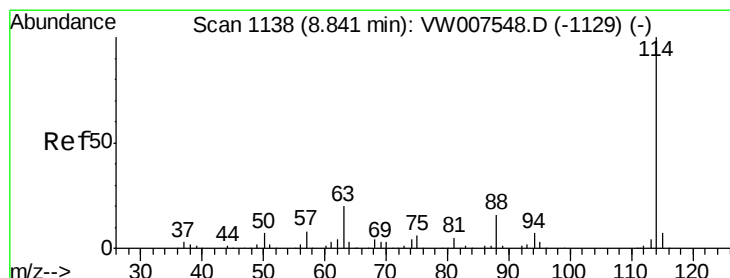
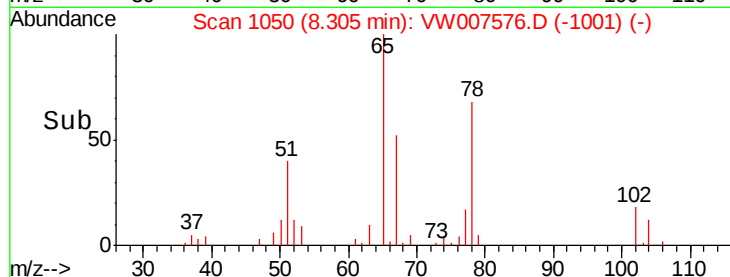
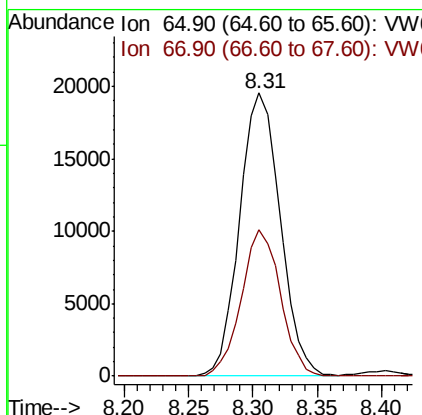
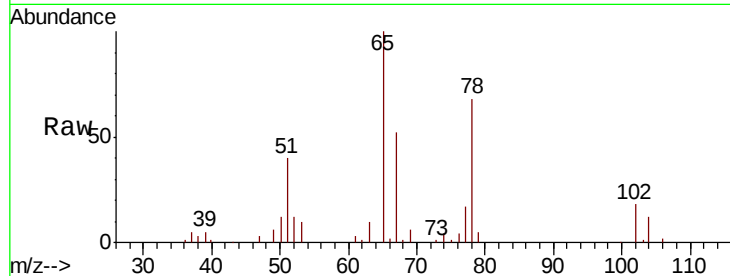




#33
 1,2-Dichloroethane-d4
 Concen: 52.840 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

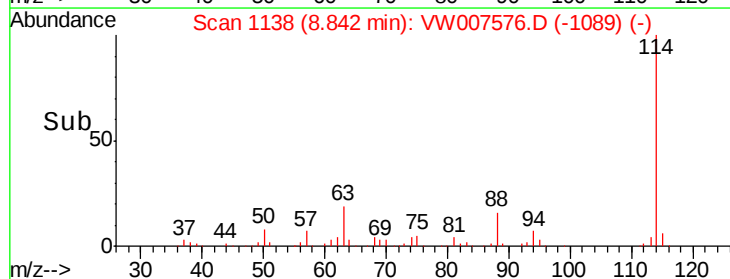
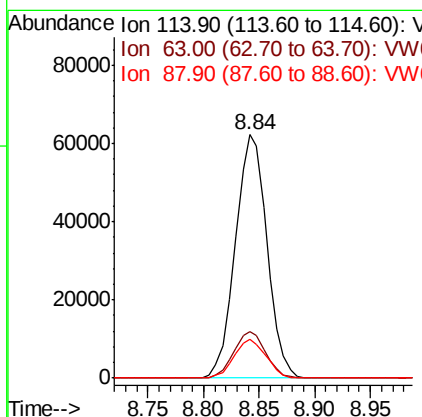
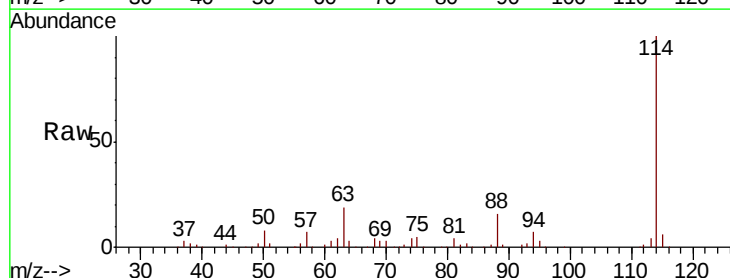
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

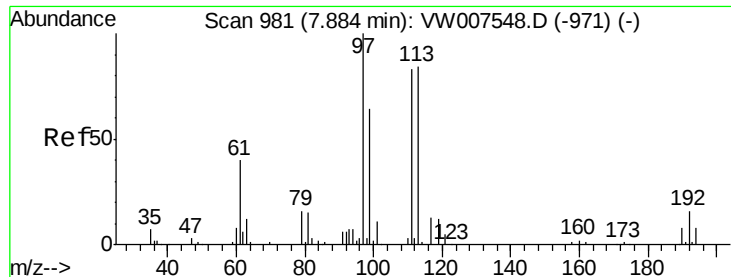
Tgt Ion: 65 Resp: 42822
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 114 Resp: 122188
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 16.1 0.0 31.4

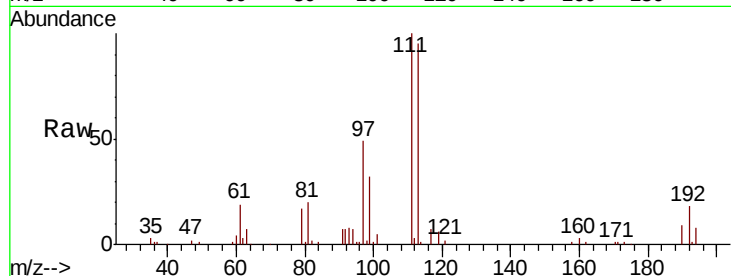




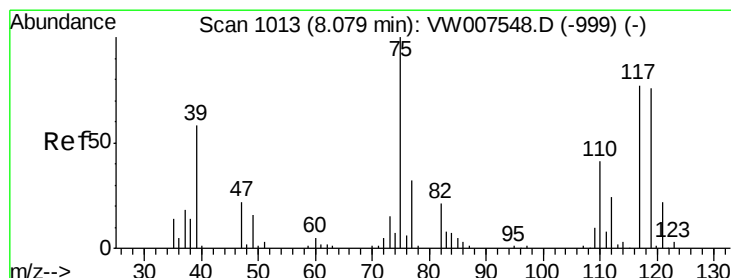
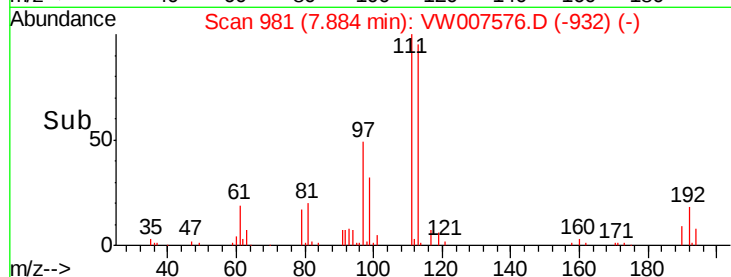
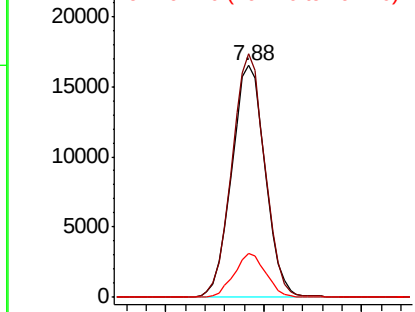
#35
 Dibromofluoromethane
 Concen: 53.021 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

Tgt Ion: 113 Resp: 39217
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 17.8 14.6 21.8

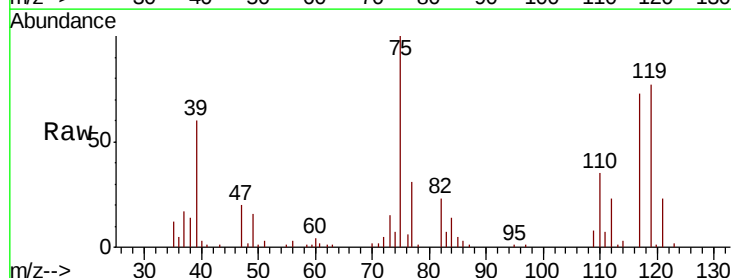


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

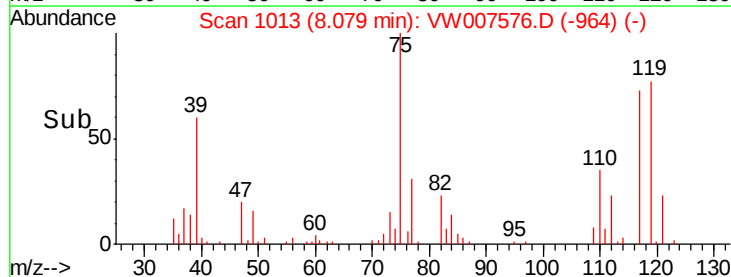
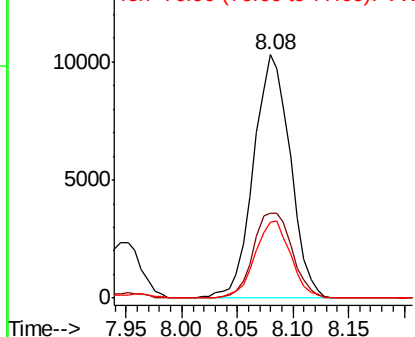


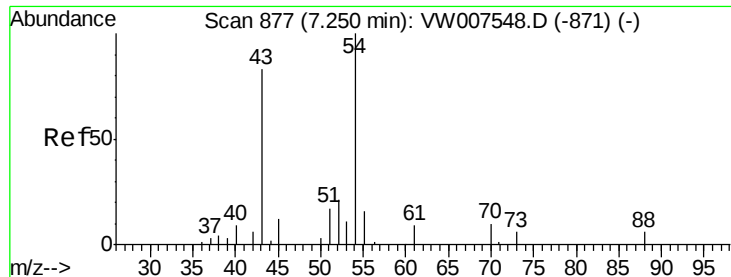
#36
 1,1-Dichloropropene
 Concen: 21.281 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 75 Resp: 23721
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.5 55.5
 77 31.0 25.6 38.4



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

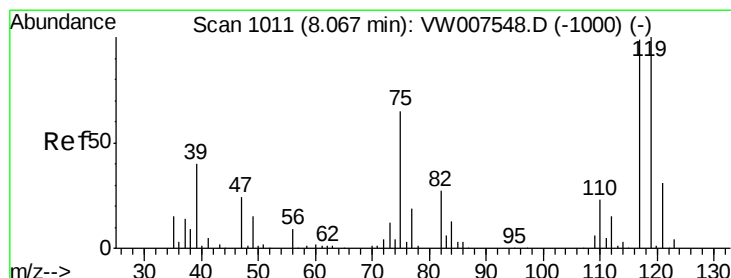
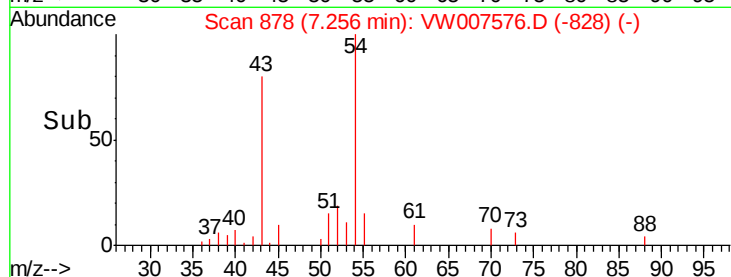
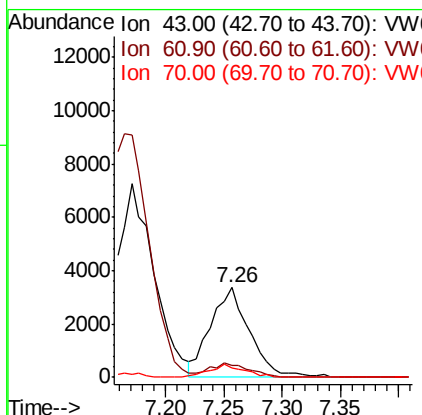
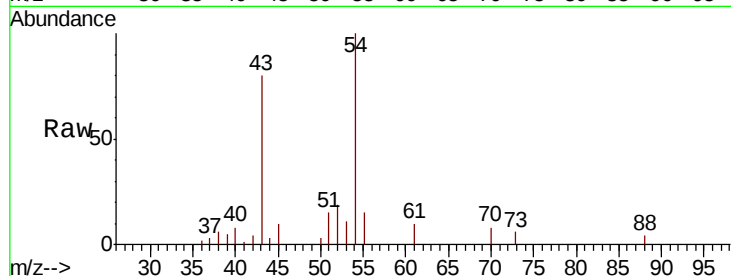




#37
Ethyl Acetate
Concen: 19.065 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

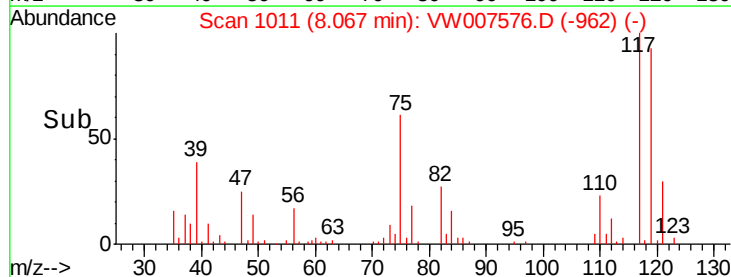
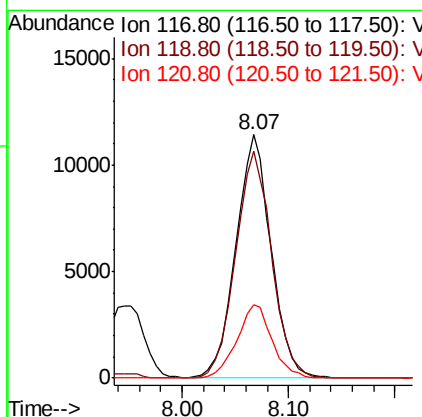
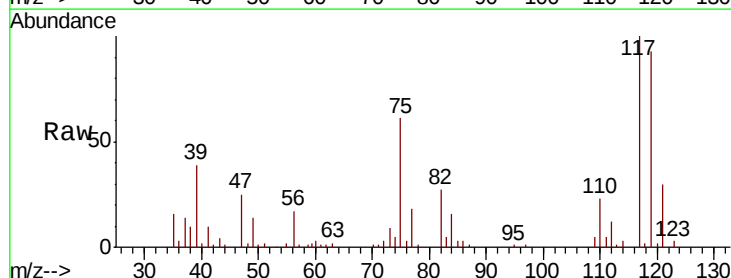
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

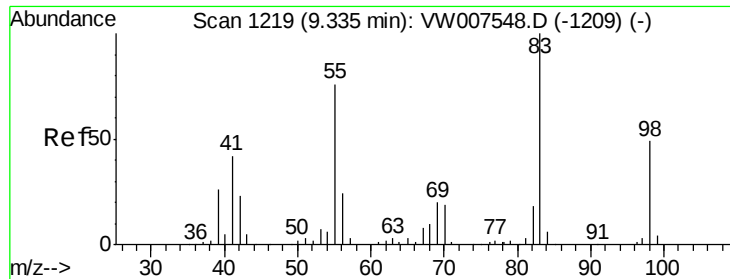
Tgt Ion: 43 Resp: 7904
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 12.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.857 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 117 Resp: 26508
Ion Ratio Lower Upper
117 100
119 93.2 74.3 111.5
121 30.0 24.3 36.5





#39

Methylcyclohexane

Concen: 21.393 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

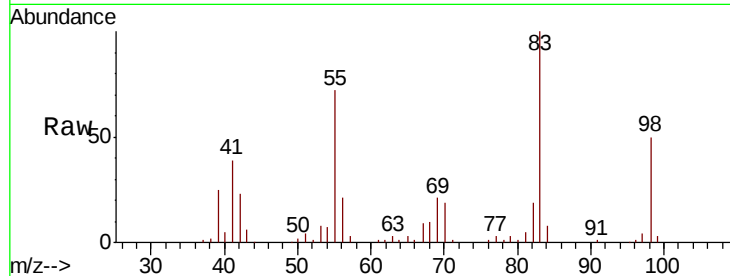
Tgt Ion: 83 Resp: 28874

Ion Ratio Lower Upper

83 100

55 71.7 62.8 94.2

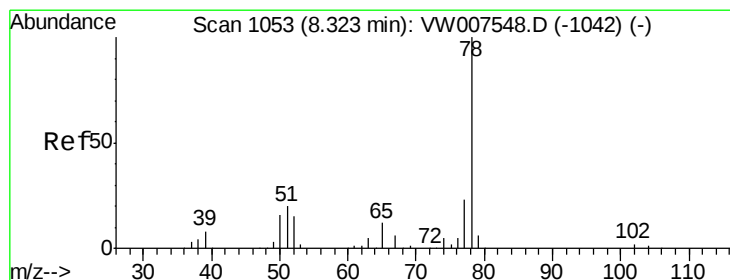
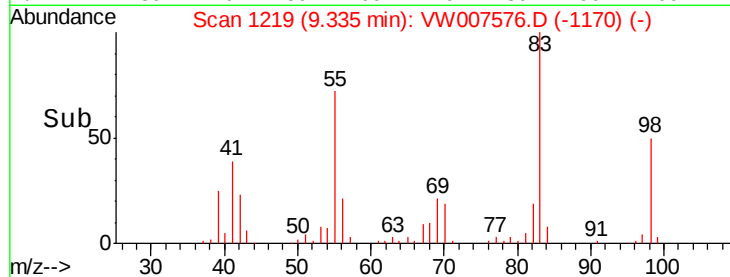
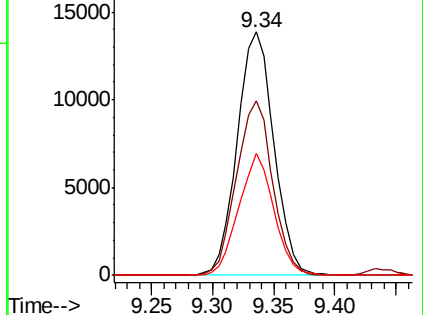
98 50.1 42.2 63.2



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: 21.176 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007576.D

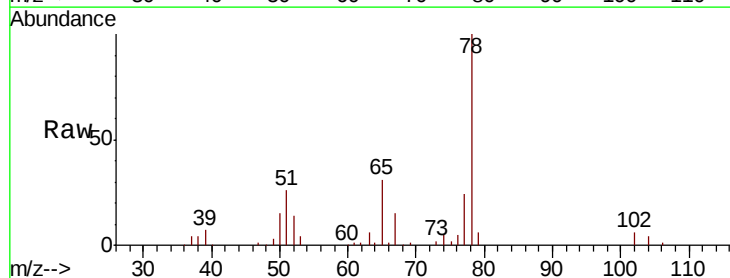
Acq: 15 Dec 2018 12:42

Tgt Ion: 78 Resp: 65505

Ion Ratio Lower Upper

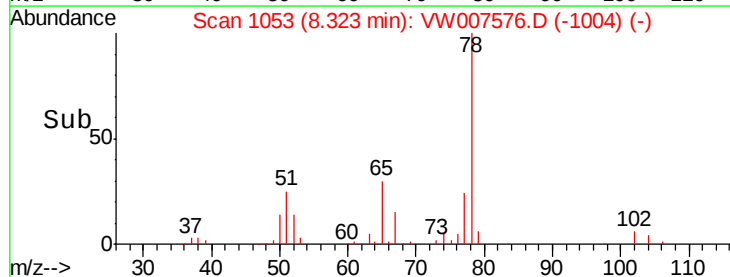
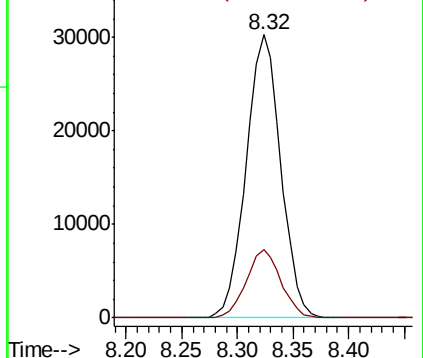
78 100

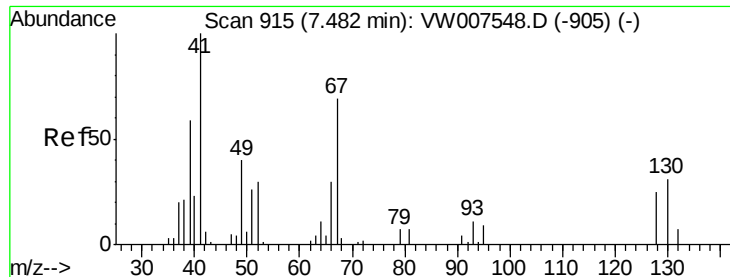
77 24.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

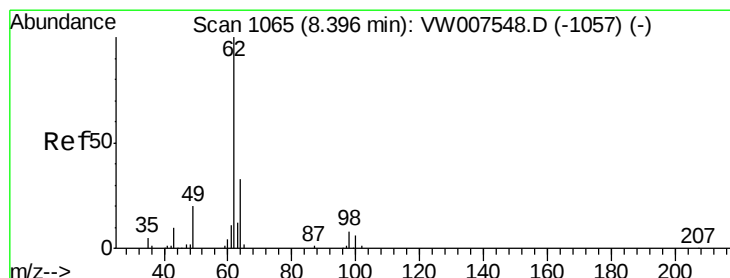
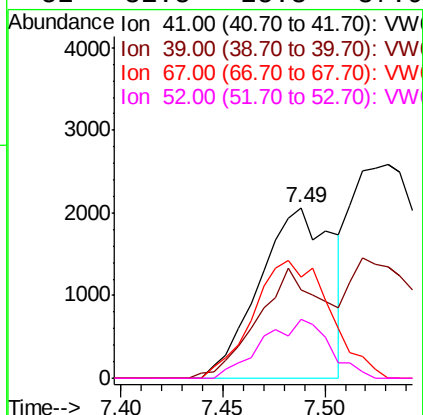
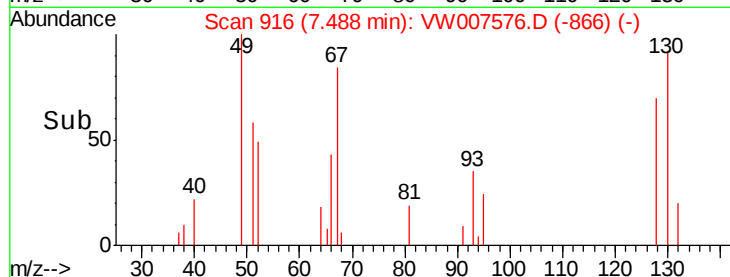
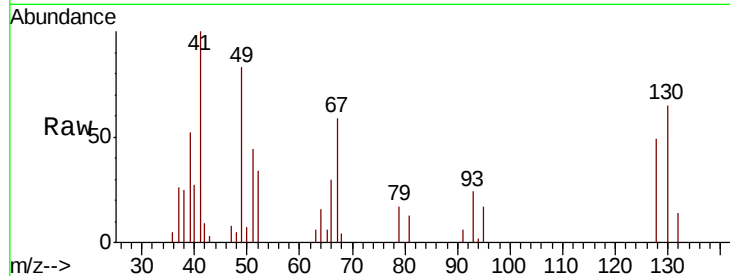




#41
Methacrylonitrile
Concen: 21.827 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

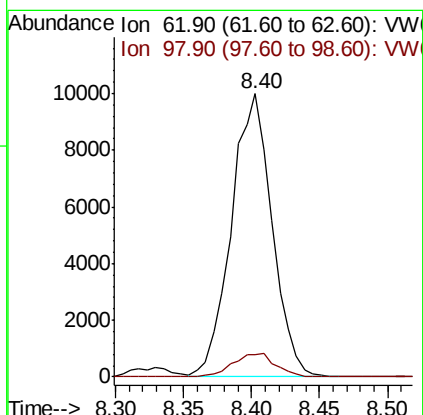
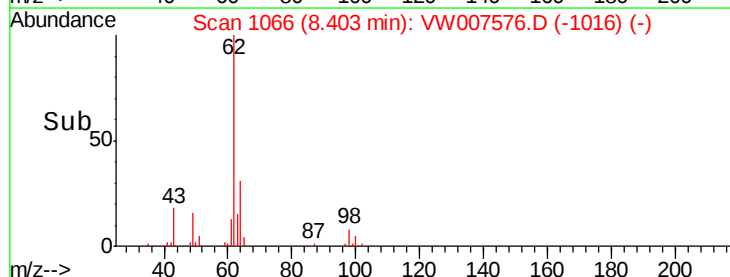
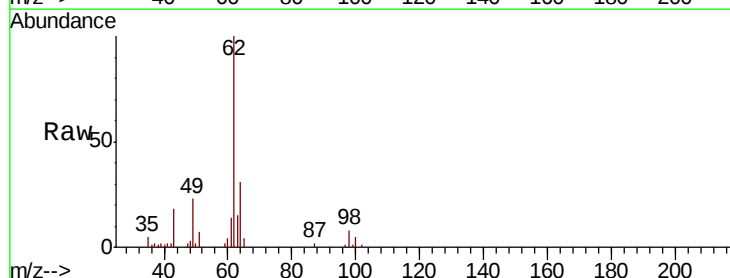
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

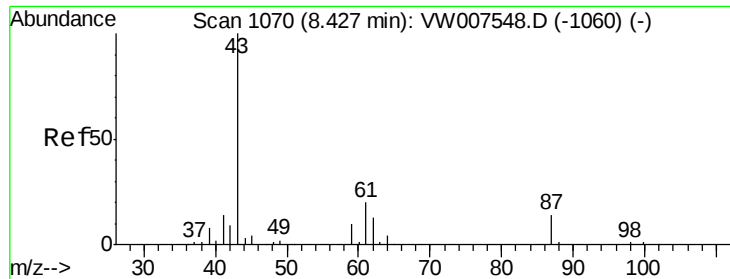
Tgt Ion: 41 Resp: 5153
Ion Ratio Lower Upper
41 100
39 59.4 52.2 78.2
67 72.0 60.5 90.7
52 31.8 25.3 37.9



#42
1,2-Dichloroethane
Concen: 21.353 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 62 Resp: 20749
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.784 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

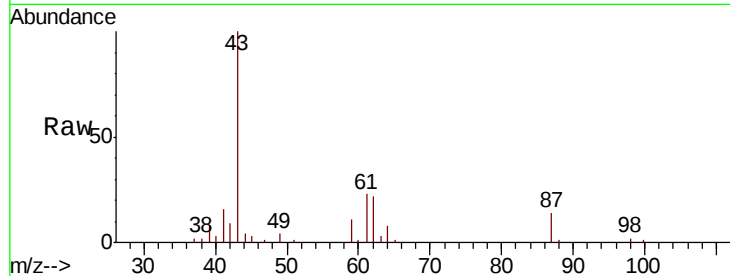
Tgt Ion: 43 Resp: 16201

Ion Ratio Lower Upper

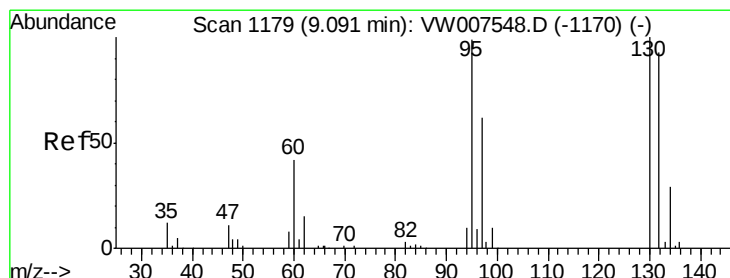
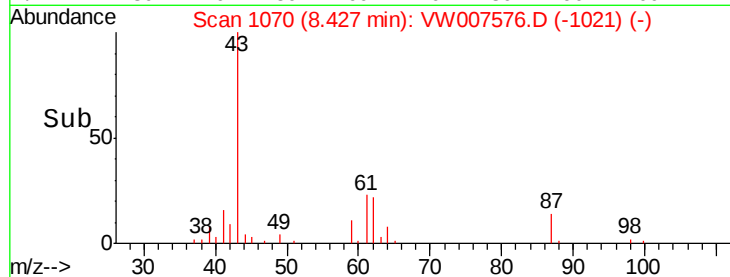
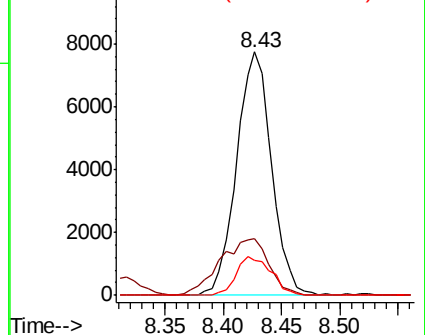
43 100

61 32.4 25.3 37.9

87 15.8 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.852 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007576.D

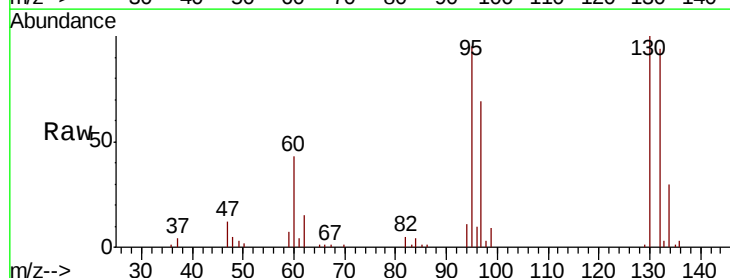
Acq: 15 Dec 2018 12:42

Tgt Ion: 130 Resp: 18419

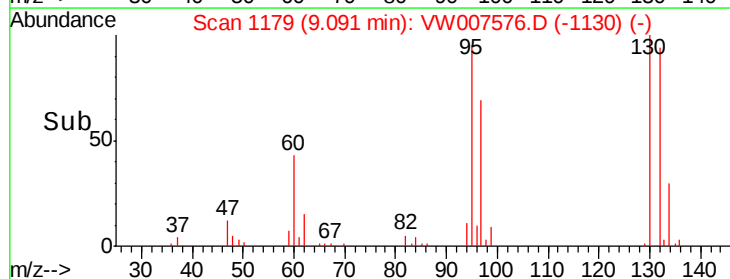
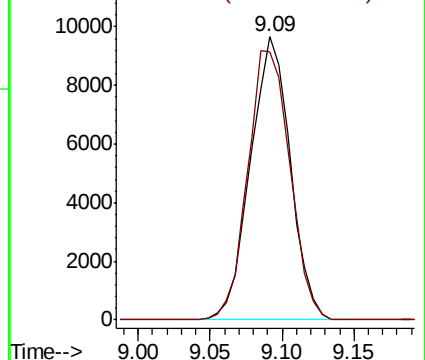
Ion Ratio Lower Upper

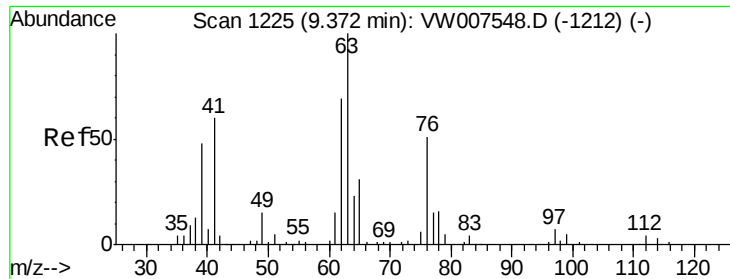
130 100

95 94.6 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.040 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

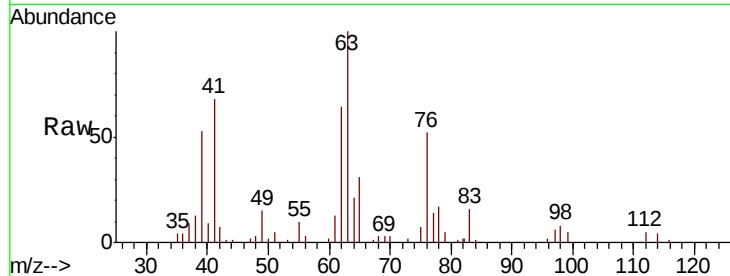
VW1217SBSD03

Tgt Ion: 63 Resp: 15061

Ion Ratio Lower Upper

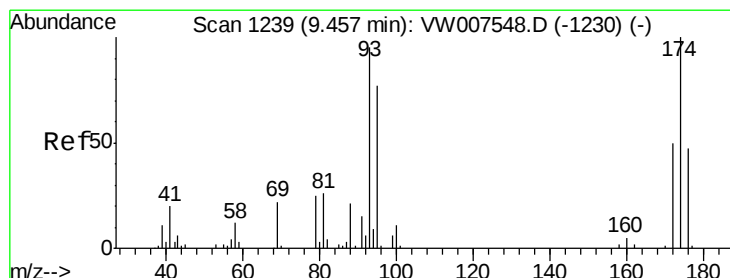
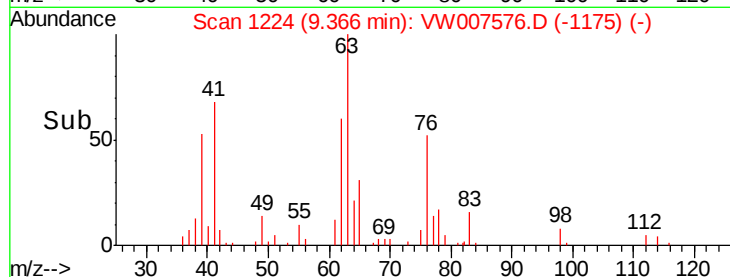
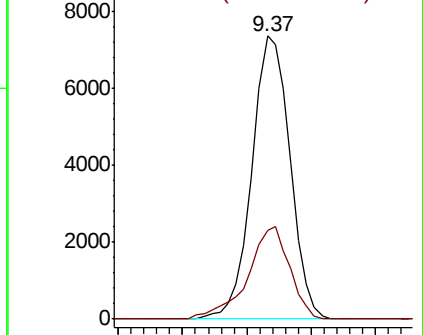
63 100

65 31.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.959 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

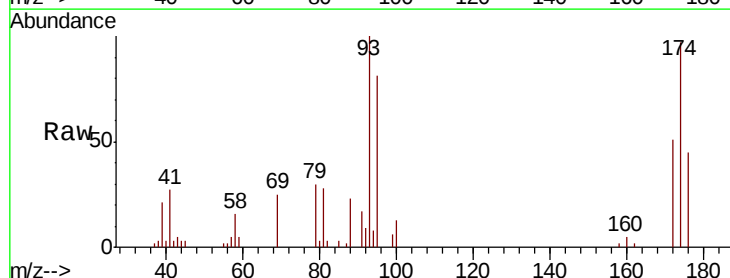
Tgt Ion: 93 Resp: 8520

Ion Ratio Lower Upper

93 100

95 83.3 68.0 102.0

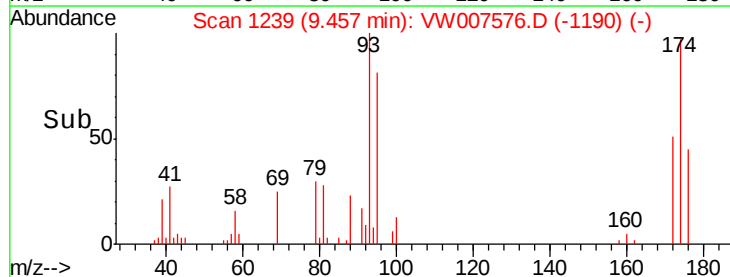
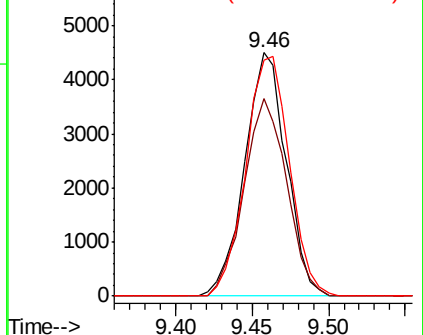
174 102.9 83.2 124.8

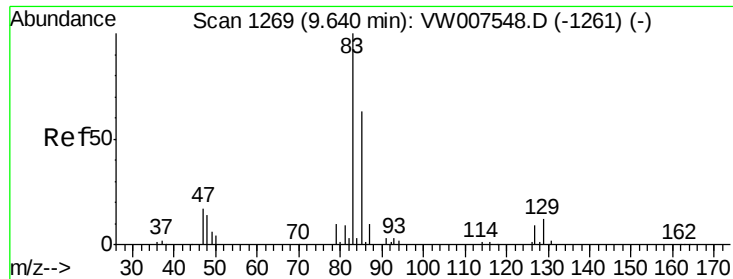


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

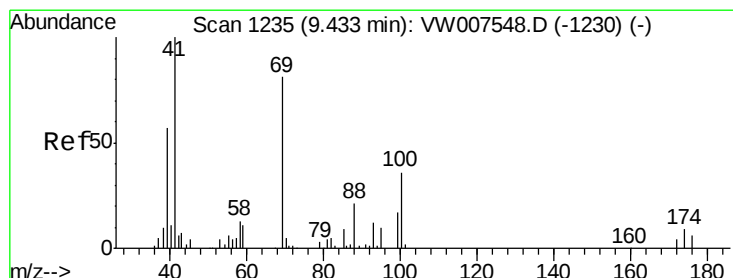
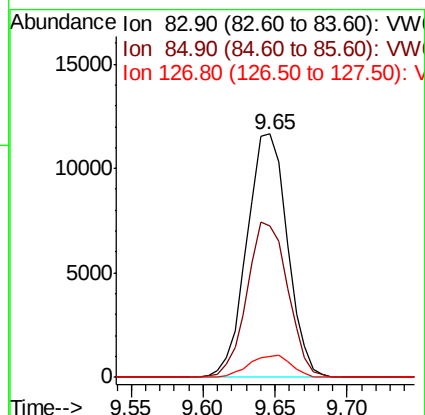
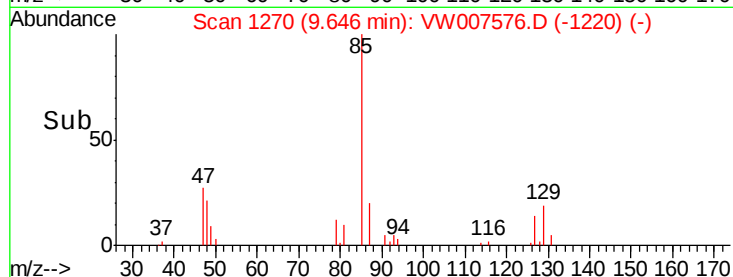
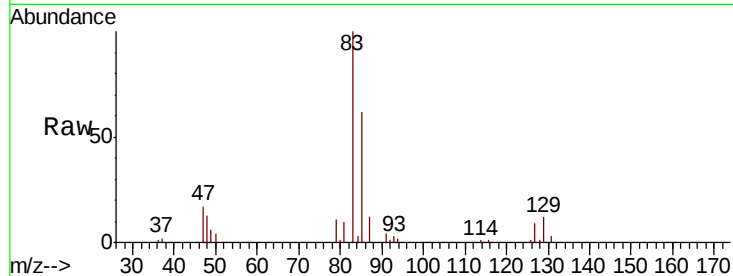




#47
Bromodichloromethane
Concen: 21.289 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

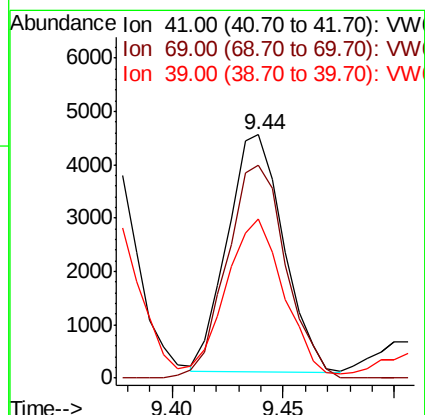
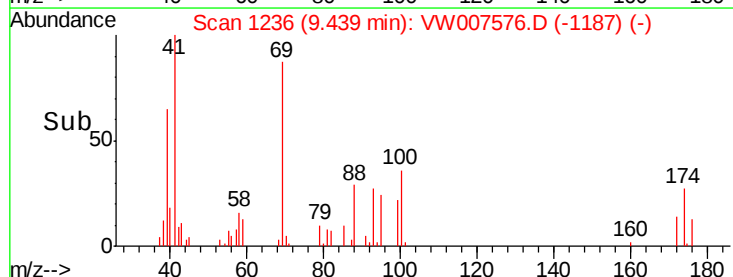
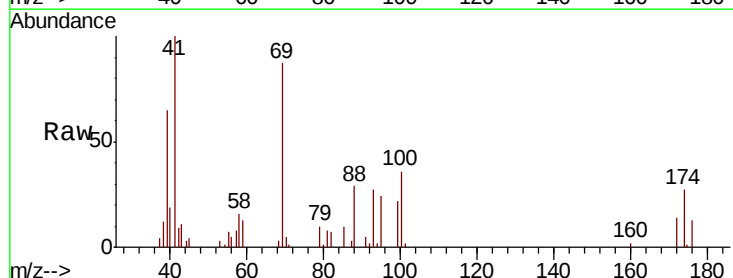
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

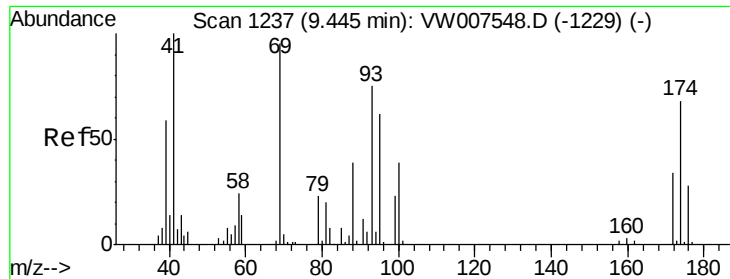
Tgt Ion: 83 Resp: 22700
Ion Ratio Lower Upper
83 100
85 62.5 47.6 71.4
127 8.8 6.7 10.1



#48
Methyl methacrylate
Concen: 18.574 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 41 Resp: 7812
Ion Ratio Lower Upper
41 100
69 94.5 69.8 104.8
39 70.3 50.9 76.3

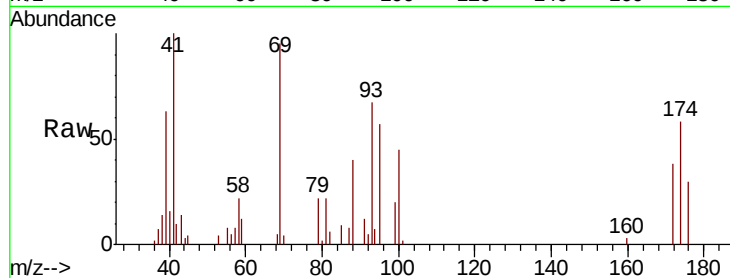




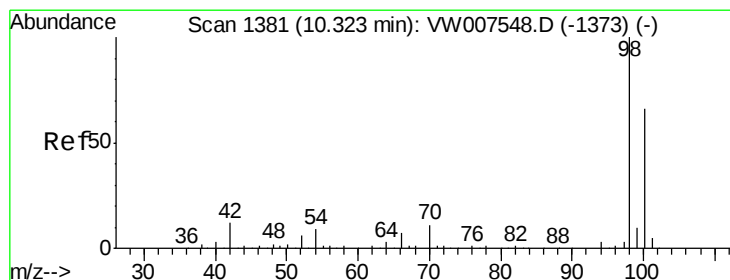
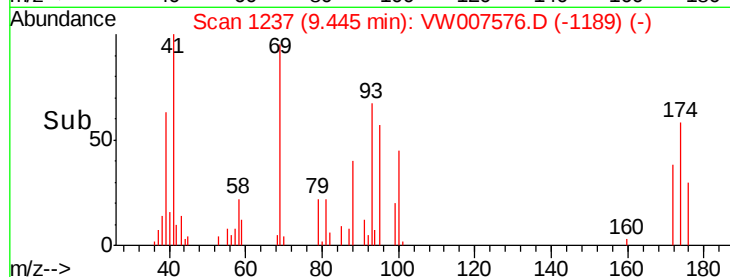
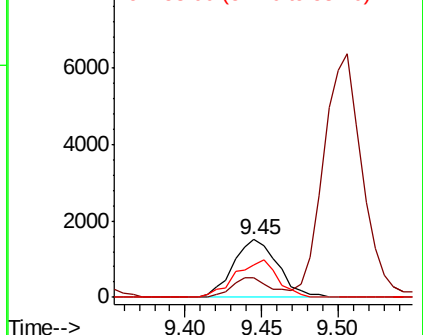
#49
 1,4-Dioxane
 Concen: 465.440 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

Tgt Ion: 88 Resp: 3070
 Ion Ratio Lower Upper
 88 100
 43 31.0 25.0 37.4
 58 60.6 51.4 77.2

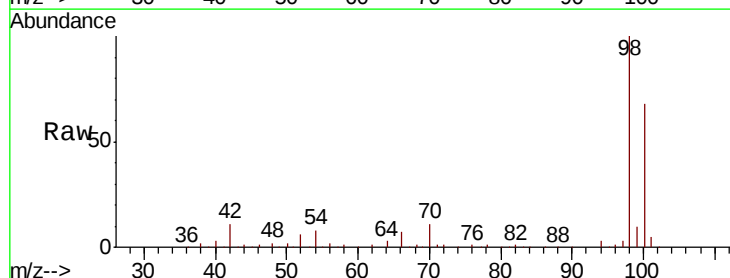


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

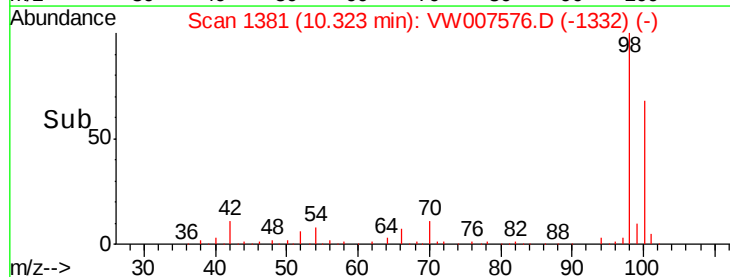
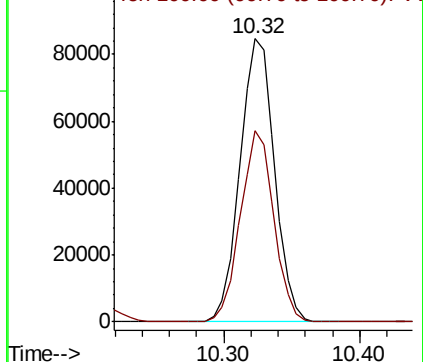


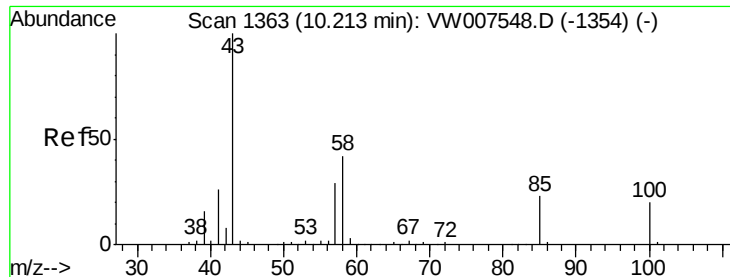
#50
 Toluene-d8
 Concen: 53.981 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 98 Resp: 149706
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 99.135 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

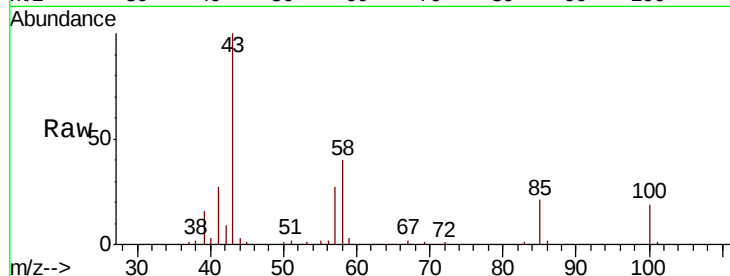
VW1217SBSD03

Tgt Ion: 43 Resp: 38359

Ion Ratio Lower Upper

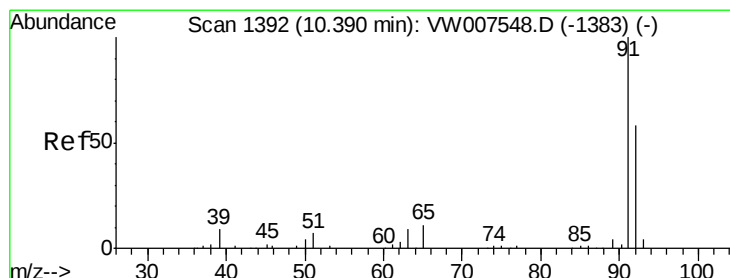
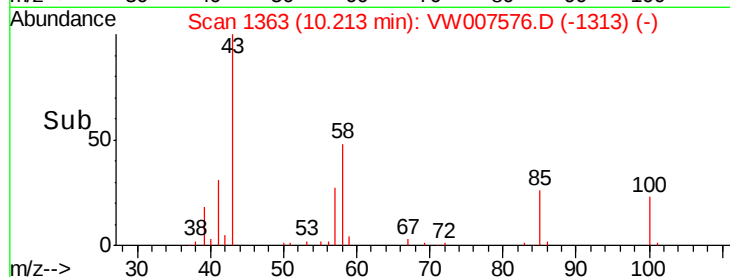
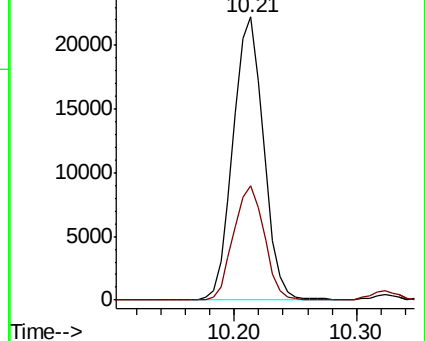
43 100

58 40.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.859 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007576.D

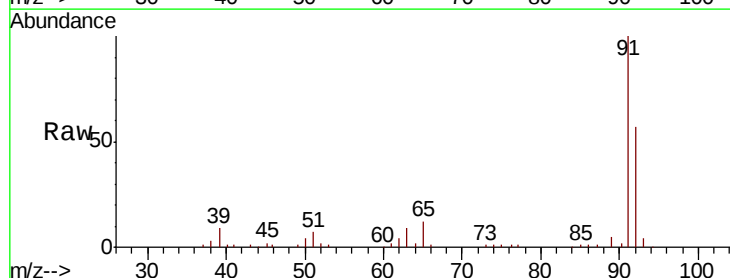
Acq: 15 Dec 2018 12:42

Tgt Ion: 92 Resp: 43758

Ion Ratio Lower Upper

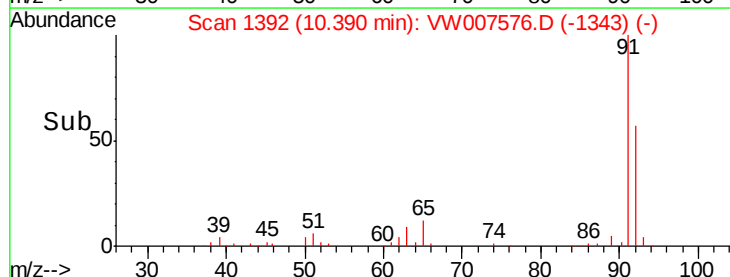
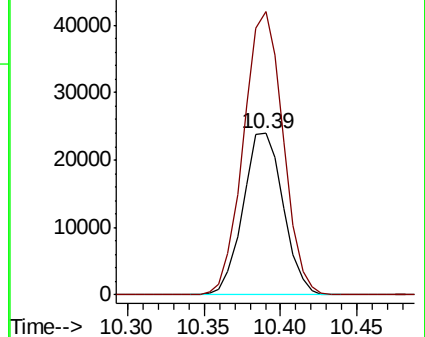
92 100

91 172.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.539 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

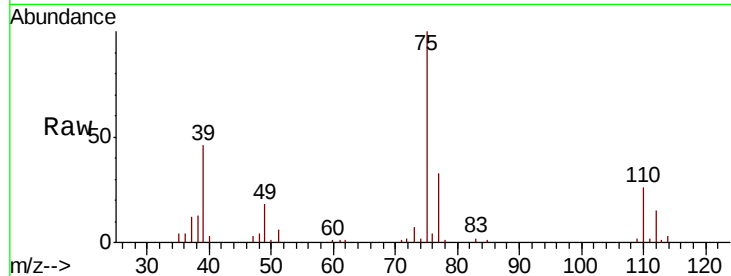
VW1217SBSD03

Tgt Ion: 75 Resp: 21262

Ion Ratio Lower Upper

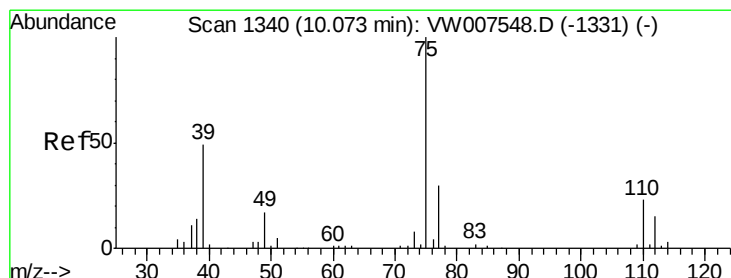
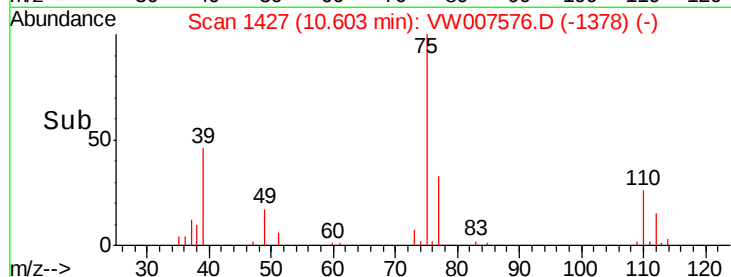
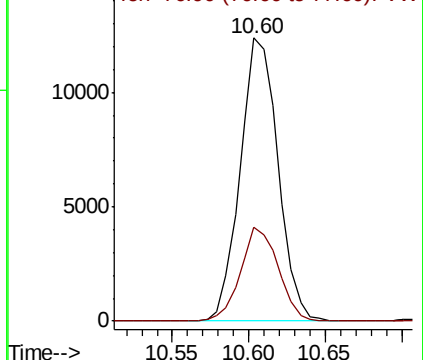
75 100

77 33.1 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.753 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

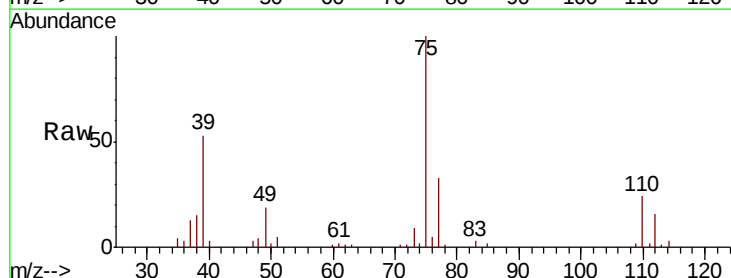
Tgt Ion: 75 Resp: 23638

Ion Ratio Lower Upper

75 100

77 33.1 24.8 37.2

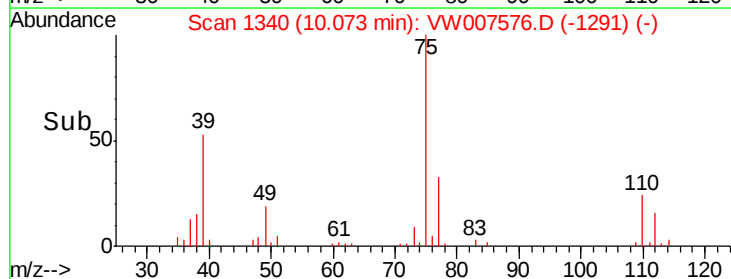
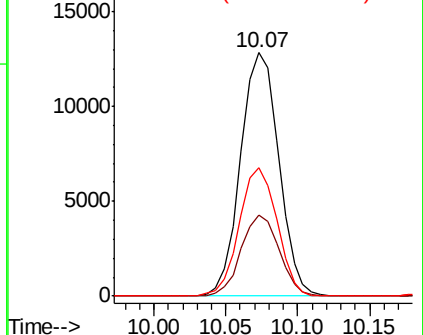
39 52.7 40.9 61.3

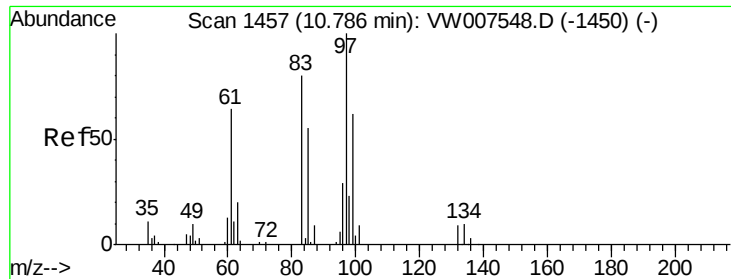


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

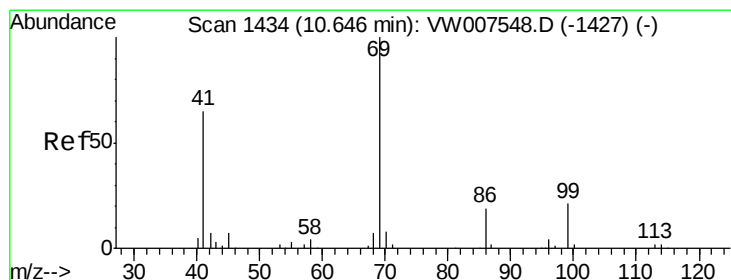
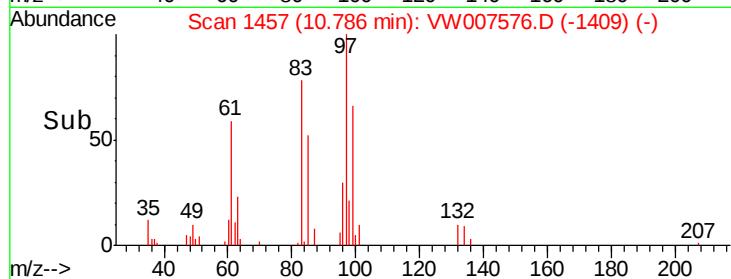
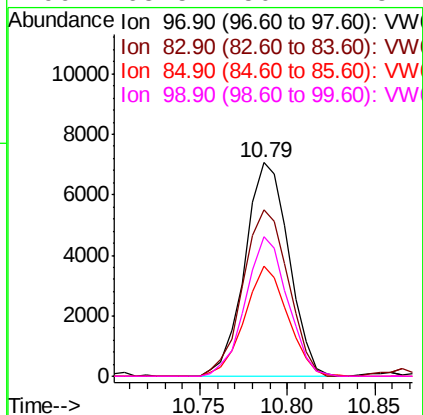
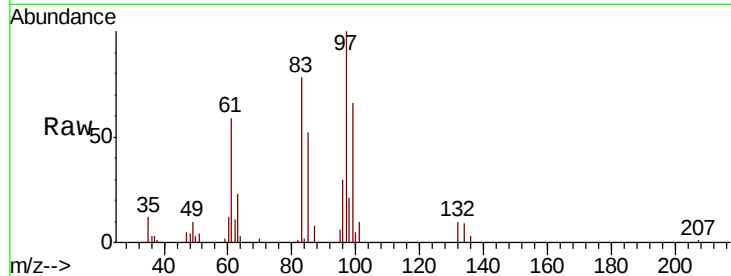




#55
 1,1,2-Trichloroethane
 Concen: 22.301 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

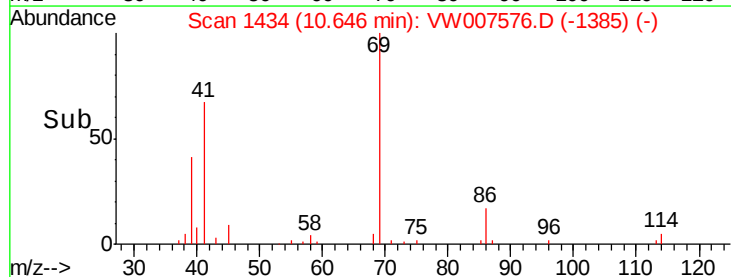
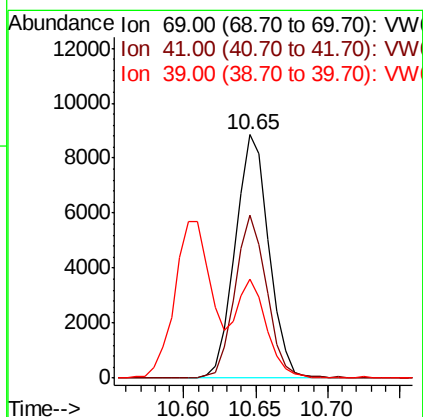
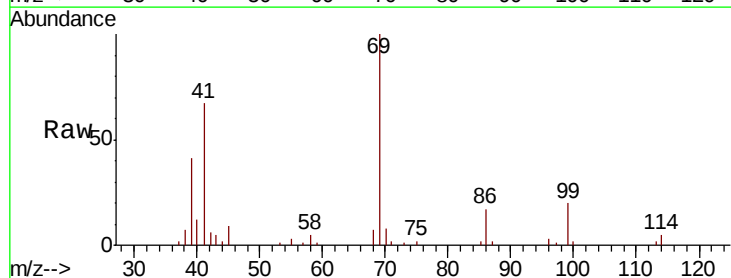
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

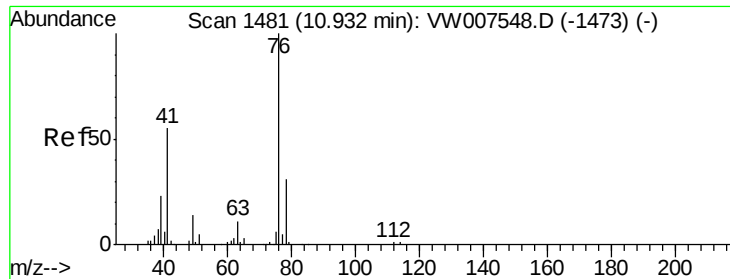
Tgt Ion:	97	Resp:	12338
Ion	Ratio	Lower	Upper
97	100		
83	77.7	62.1	93.1
85	51.6	44.2	66.4
99	65.5	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 21.603 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion:	69	Resp:	14366
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.0	76.6
39	37.6	30.8	46.2

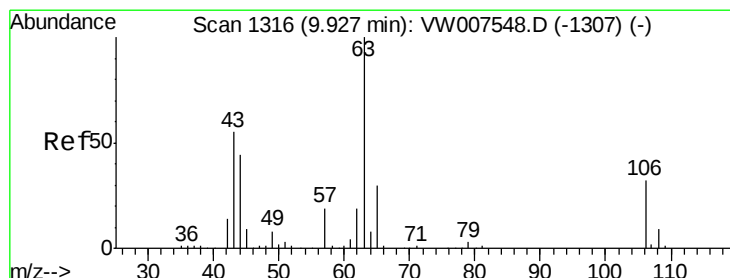
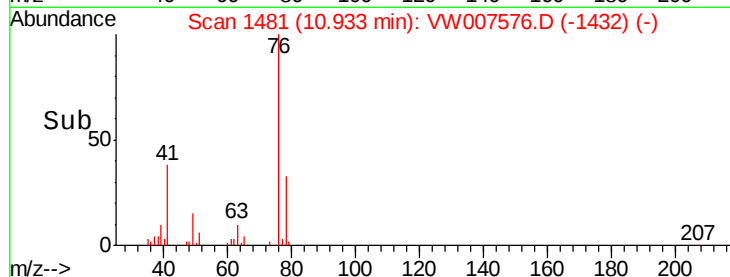
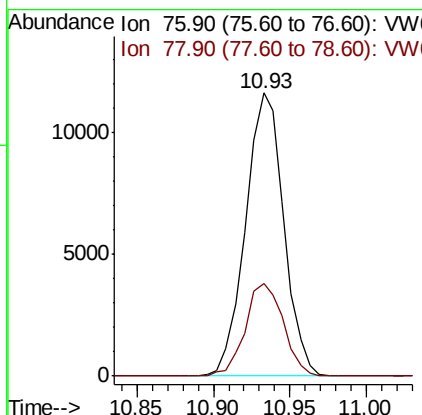
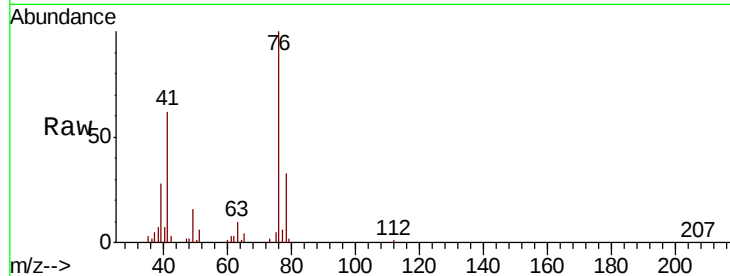




#57
 1,3-Dichloropropane
 Concen: 22.217 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

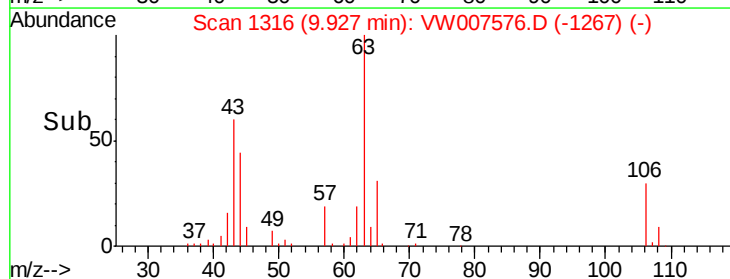
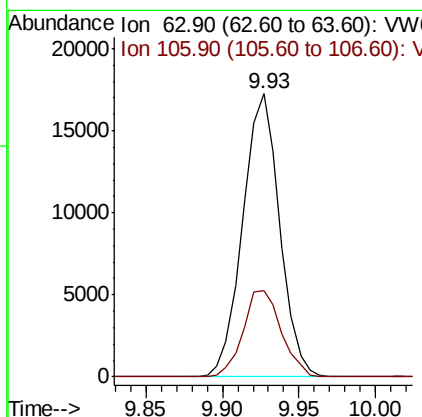
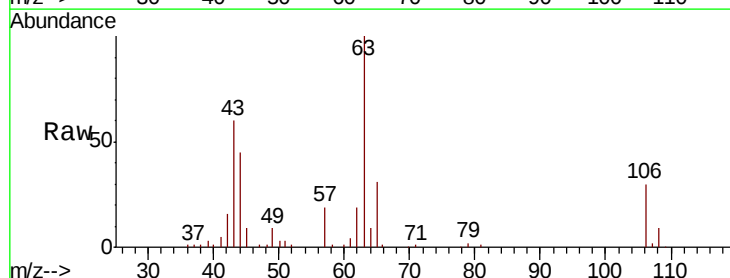
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

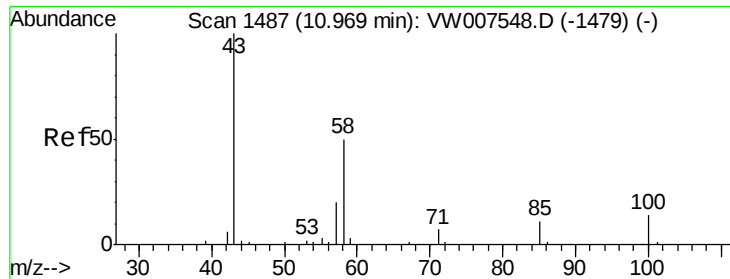
Tgt Ion: 76 Resp: 20175
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.257 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 63 Resp: 28905
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.0 37.6

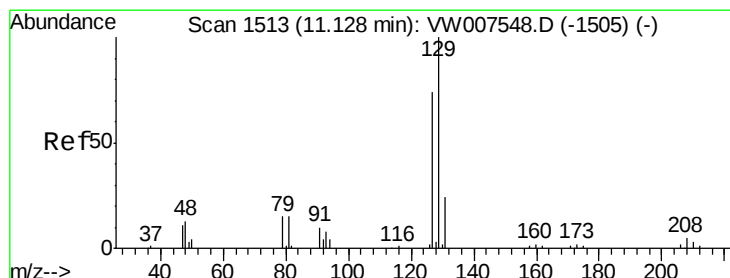
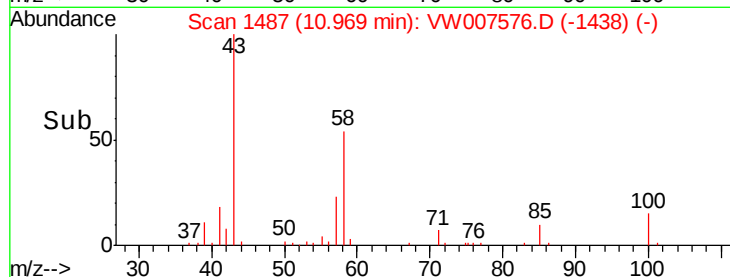
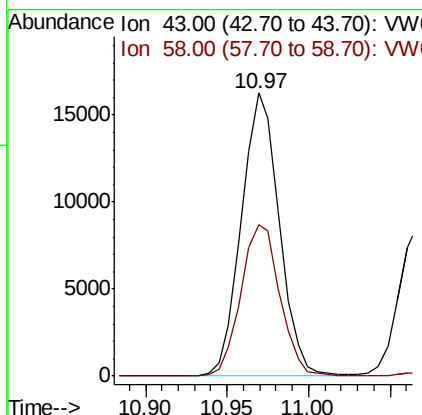
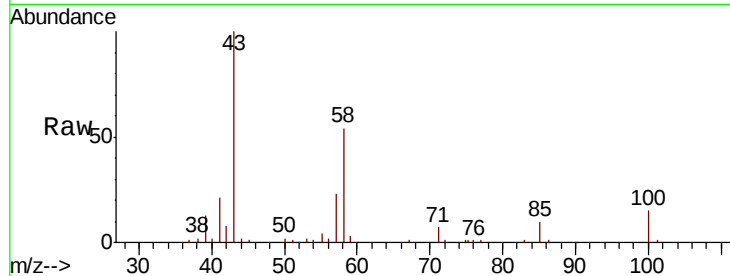




#59
2-Hexanone
Concen: 102.066 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

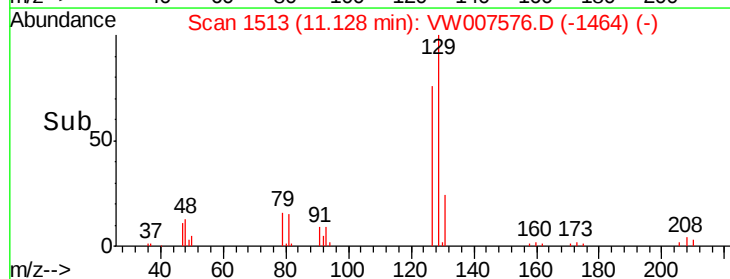
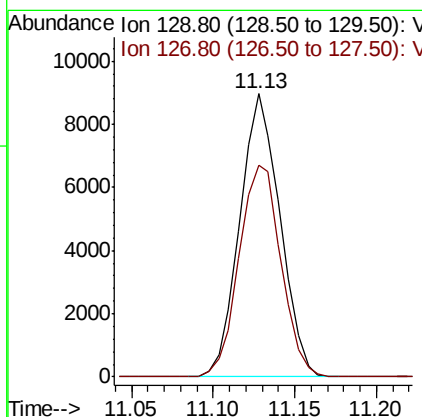
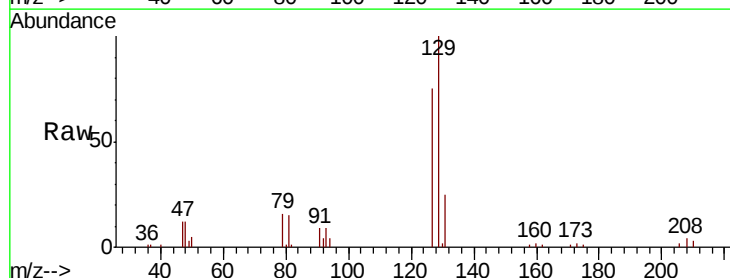
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

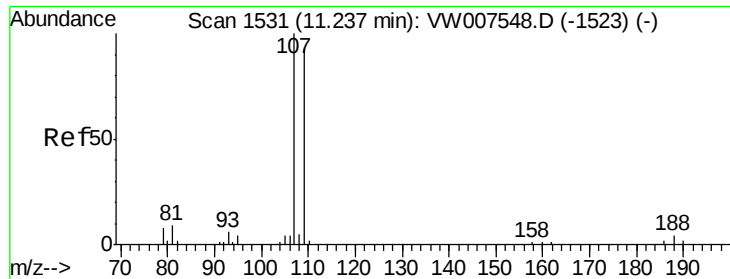
Tgt Ion: 43 Resp: 26334
Ion Ratio Lower Upper
43 100
58 55.2 27.1 81.3



#60
Dibromochloromethane
Concen: 22.016 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 129 Resp: 15372
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3

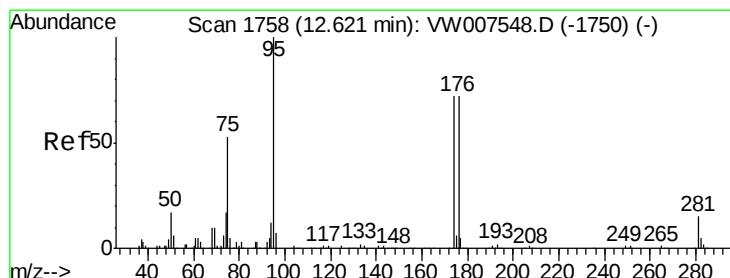
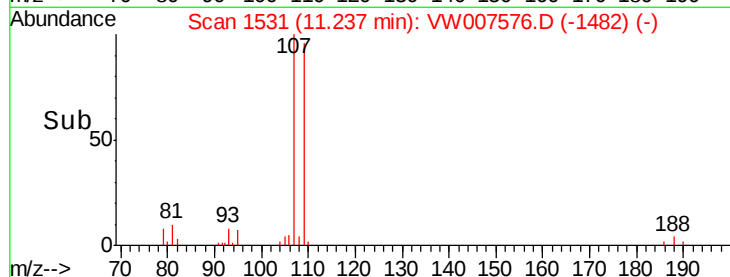
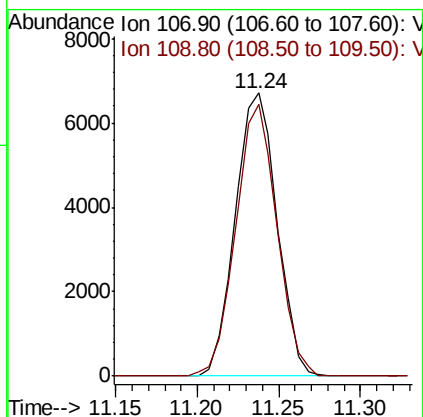
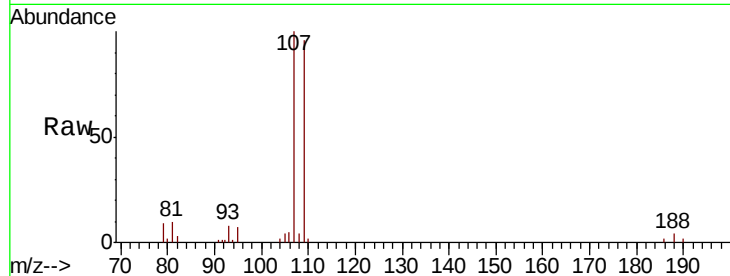




#61
 1,2-Dibromoethane
 Concen: 21.787 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

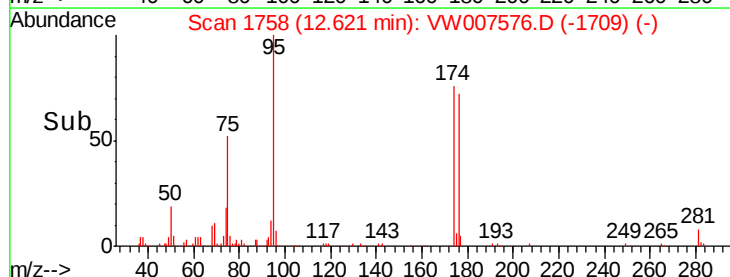
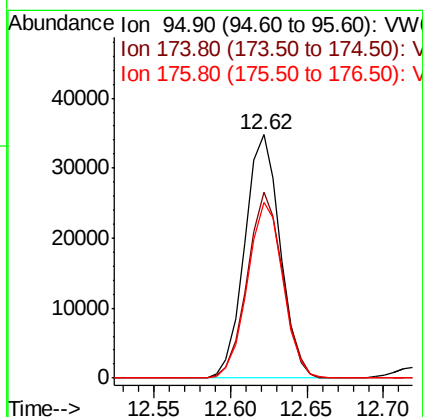
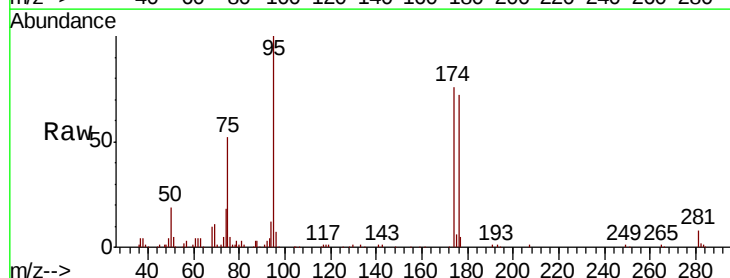
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

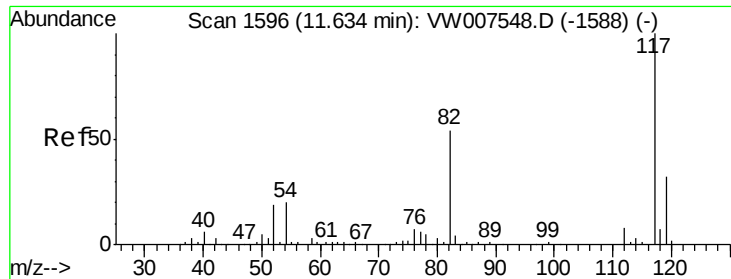
Tgt Ion: 107 Resp: 11912
 Ion Ratio Lower Upper
 107 100
 109 94.8 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 54.865 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 95 Resp: 55944
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 147.2
 176 72.8 0.0 138.8

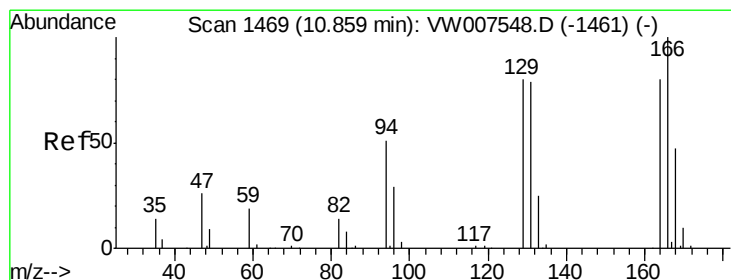
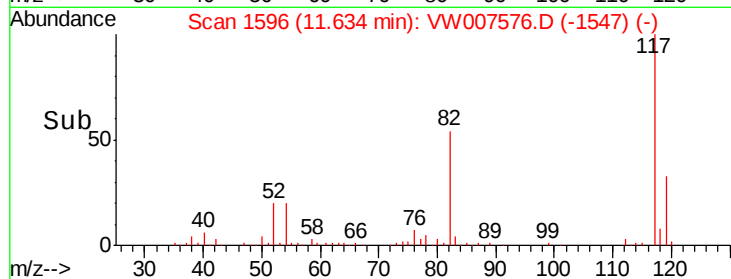
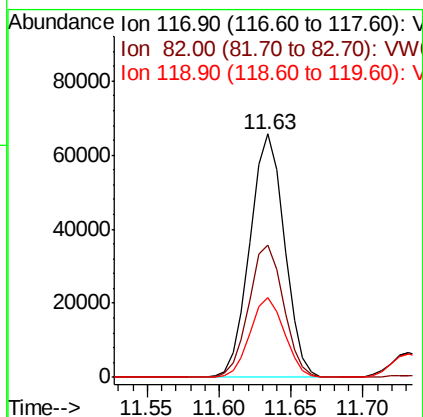
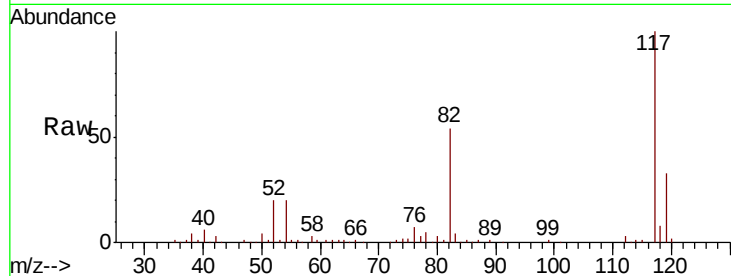




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

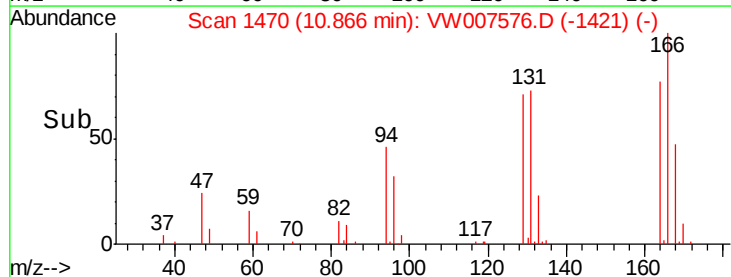
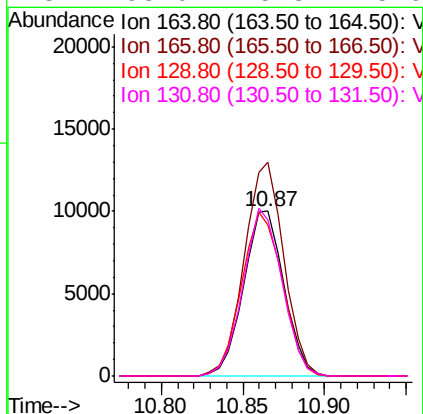
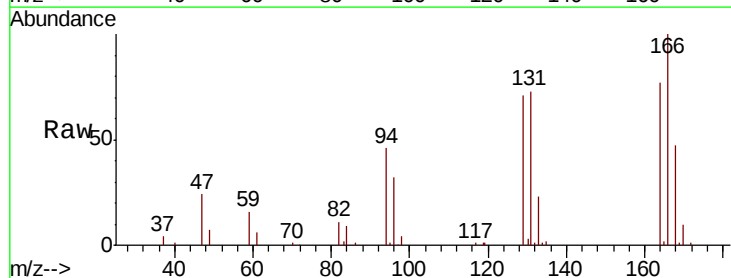
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

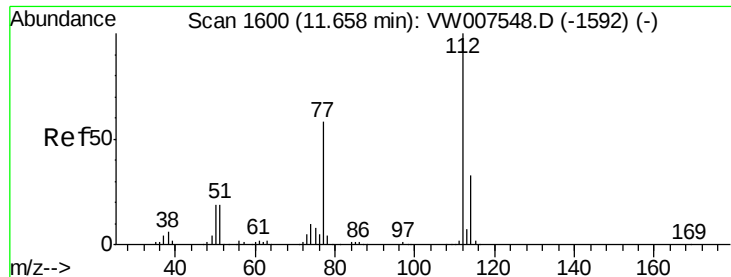
Tgt Ion:117 Resp: 109071
Ion Ratio Lower Upper
117 100
82 54.1 42.3 63.5
119 32.9 23.0 34.6



#64
Tetrachloroethene
Concen: 22.073 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion:164 Resp: 17313
Ion Ratio Lower Upper
164 100
166 129.6 107.9 161.9
129 91.6 73.4 110.2
131 95.0 75.8 113.6

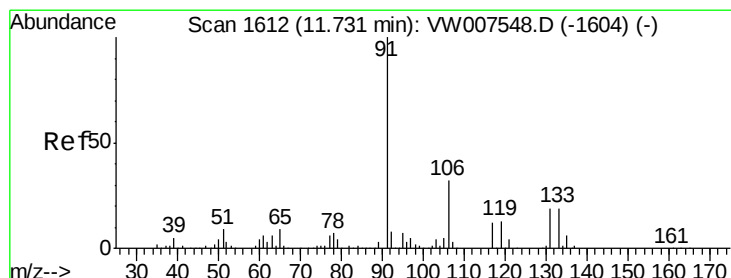
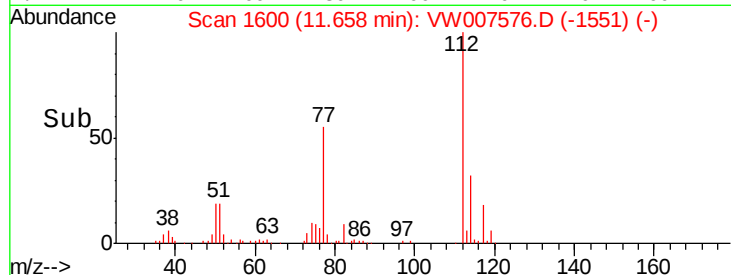
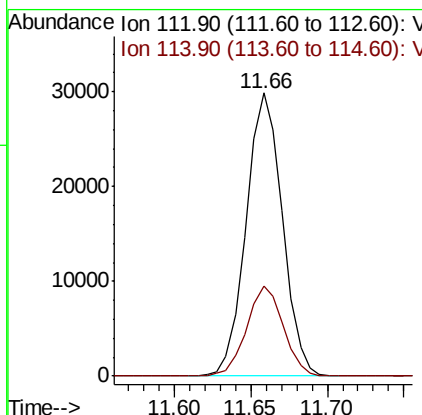
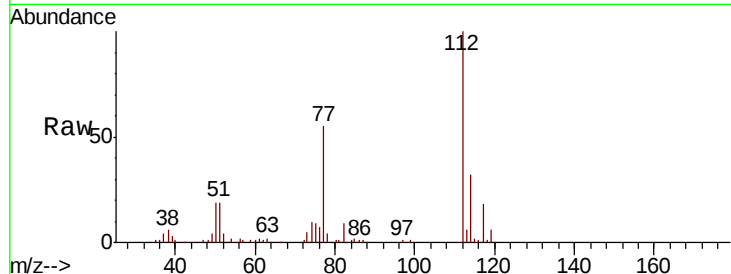




#65
Chlorobenzene
Concen: 21.640 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

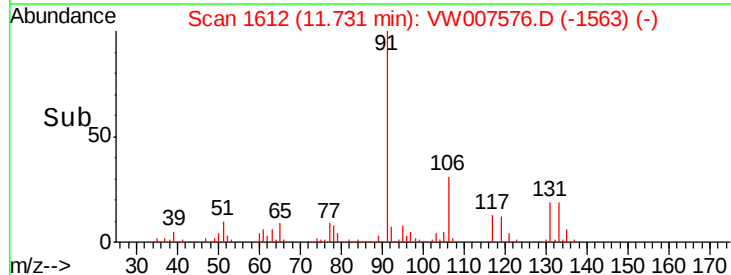
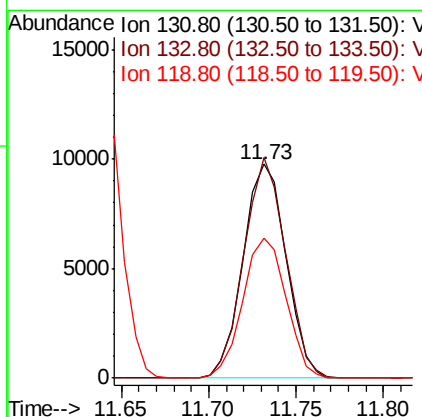
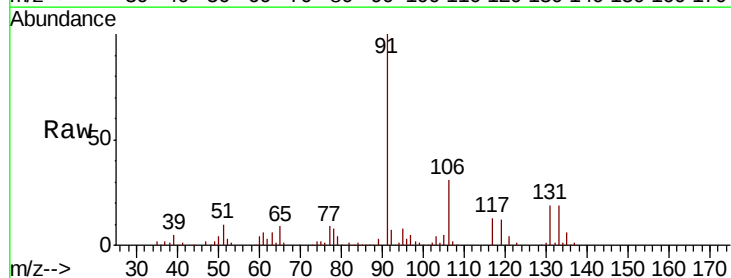
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

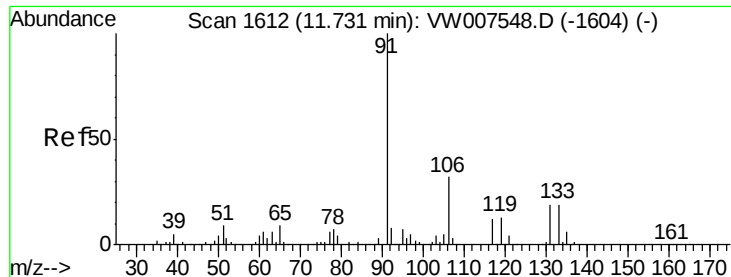
Tgt Ion:112 Resp: 49196
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.883 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion:131 Resp: 16721
Ion Ratio Lower Upper
131 100
133 100.1 47.1 141.4
119 66.0 31.3 93.9

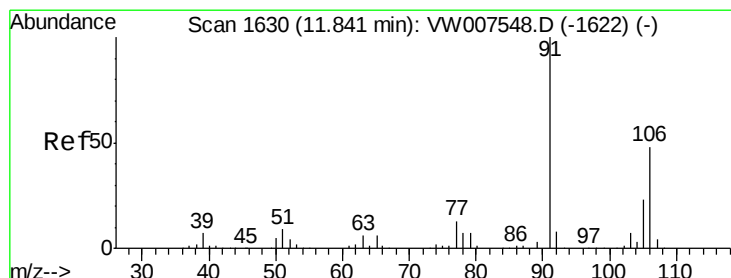
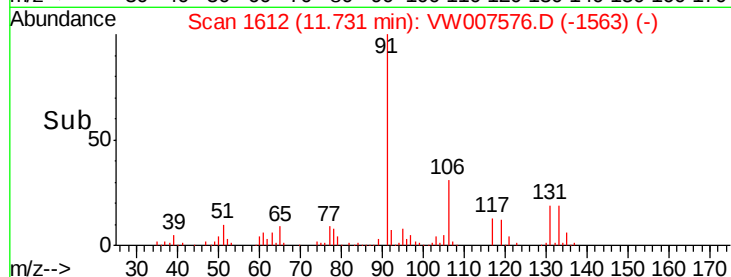
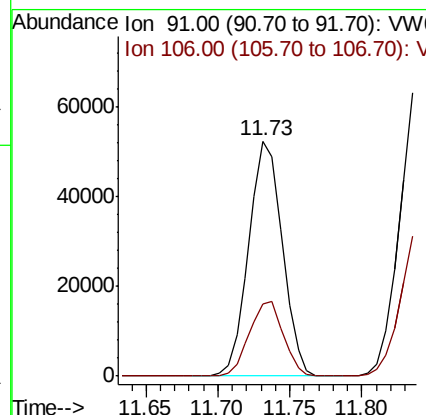
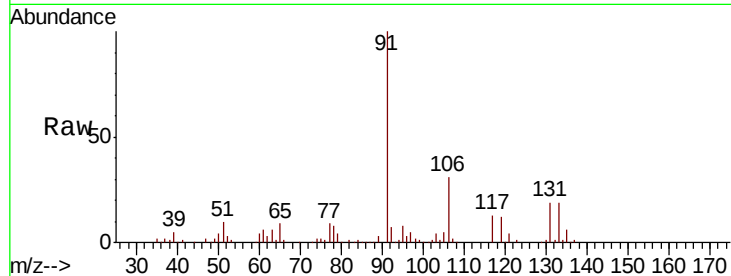




#67
Ethyl Benzene
Concen: 21.678 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

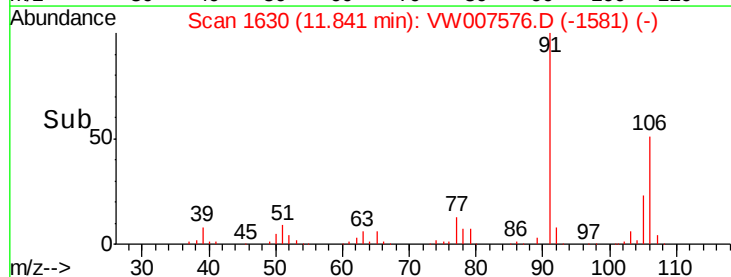
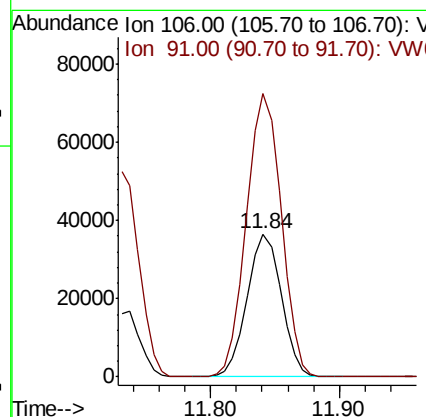
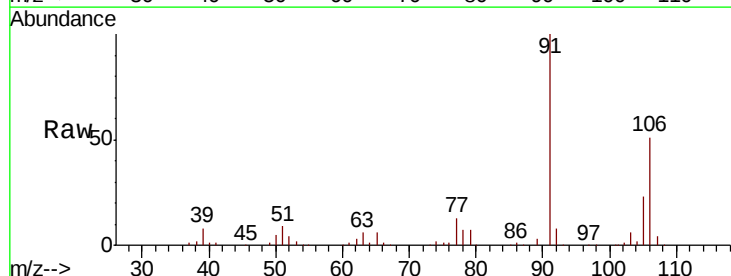
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

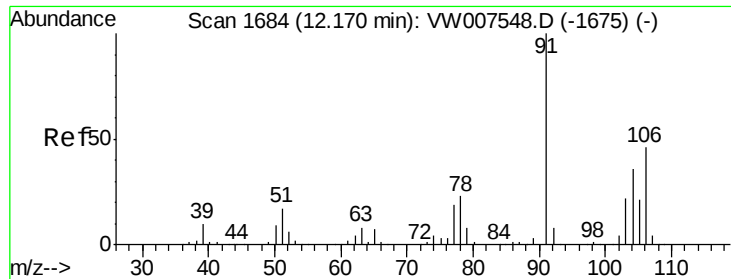
Tgt Ion: 91 Resp: 84730
Ion Ratio Lower Upper
91 100
106 30.9 21.8 32.8



#68
m/p-Xylenes
Concen: 44.260 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 106 Resp: 67253
Ion Ratio Lower Upper
106 100
91 201.9 165.3 247.9

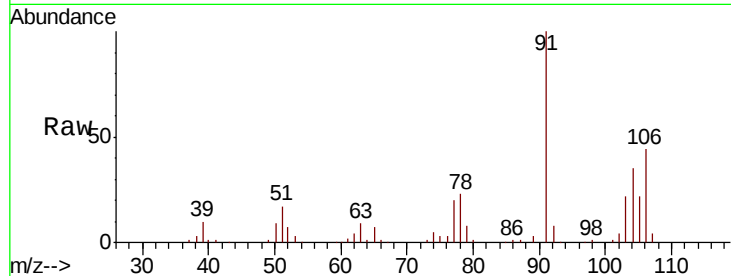




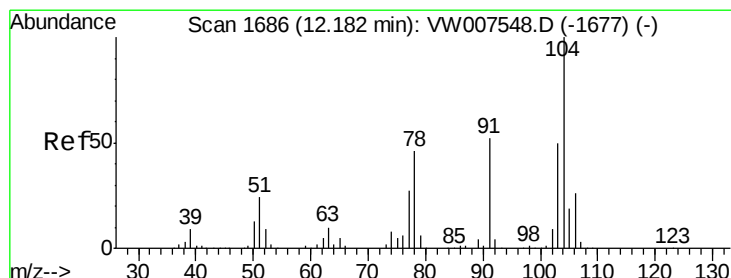
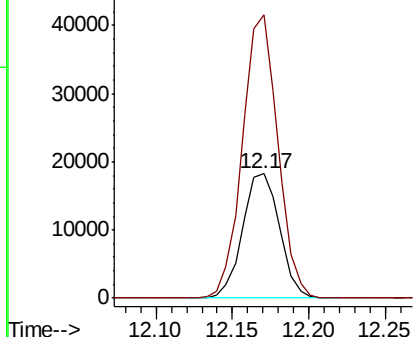
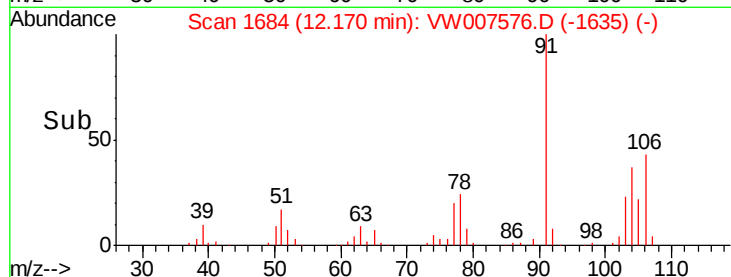
#69
o-Xylene
Concen: 21.633 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

Tgt Ion:106 Resp: 30699
Ion Ratio Lower Upper
106 100
91 217.4 106.6 319.8

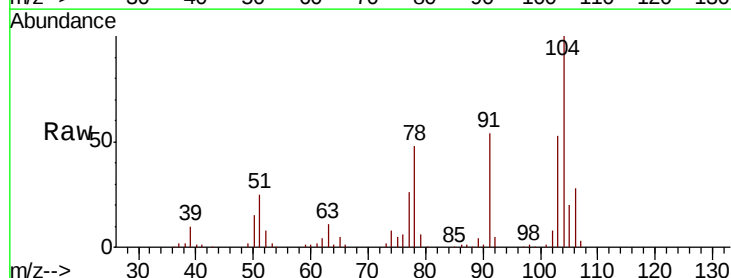


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

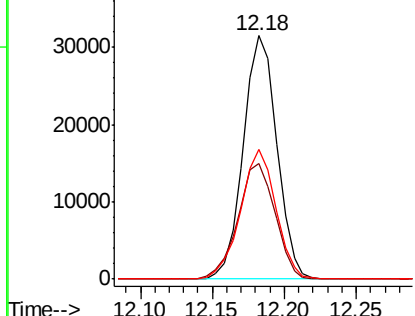
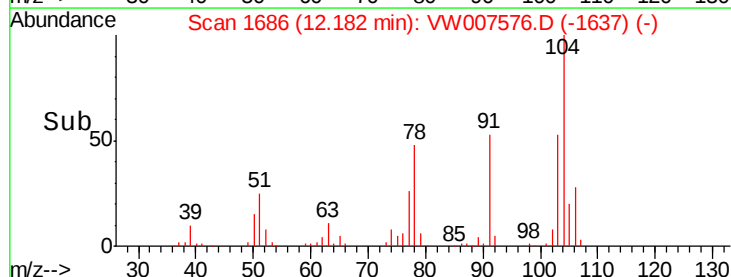


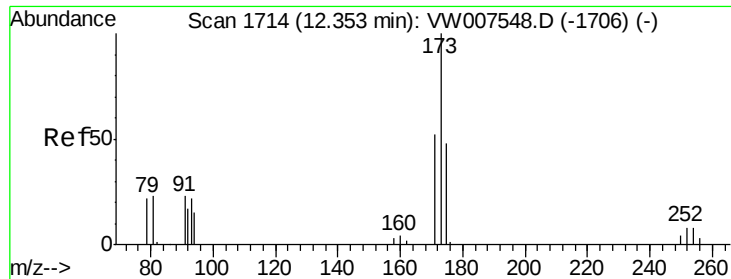
#70
Styrene
Concen: 22.175 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion:104 Resp: 50828
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 56.0 46.6 69.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V

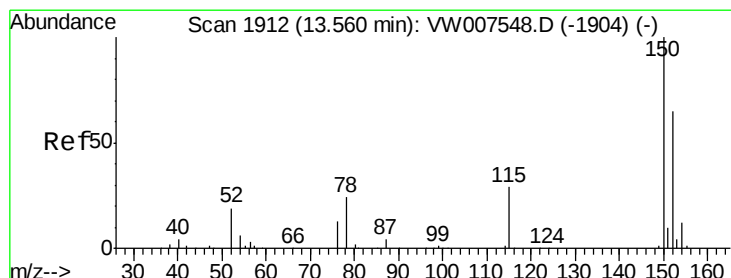
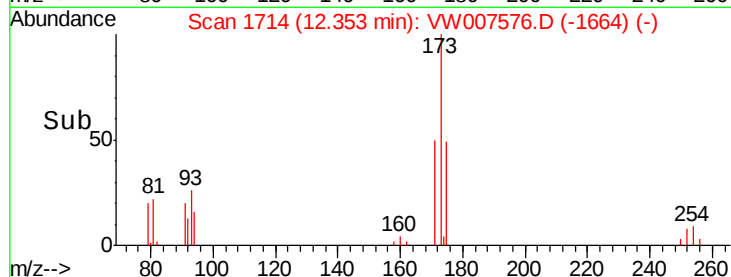
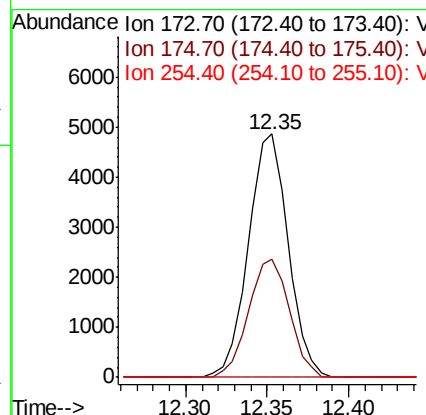
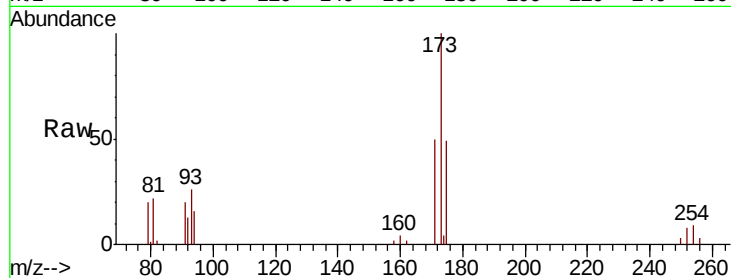




#71
Bromoform
Concen: 20.128 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

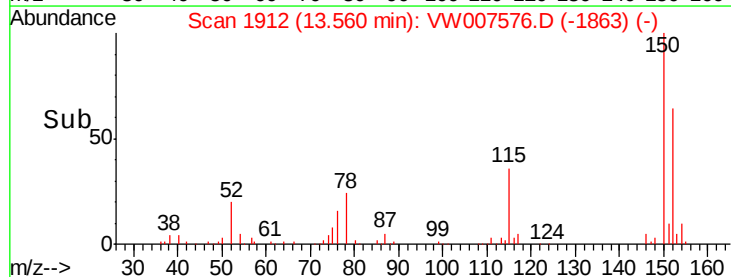
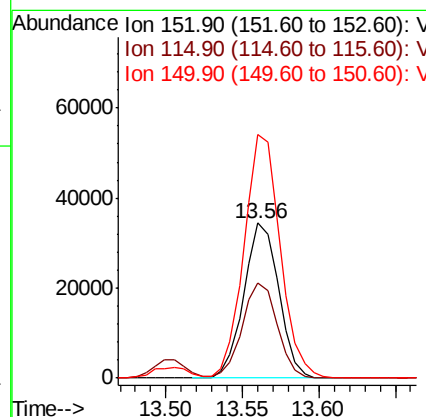
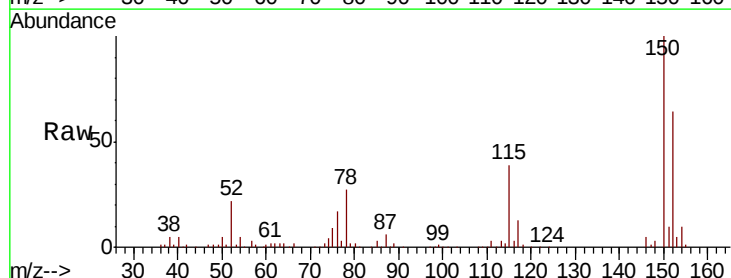
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

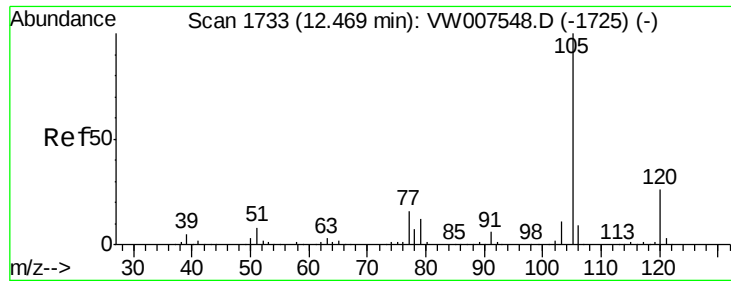
Tgt Ion:173 Resp: 8249
Ion Ratio Lower Upper
173 100
175 50.0 23.6 70.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion:152 Resp: 54694
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 162.4 0.0 358.4

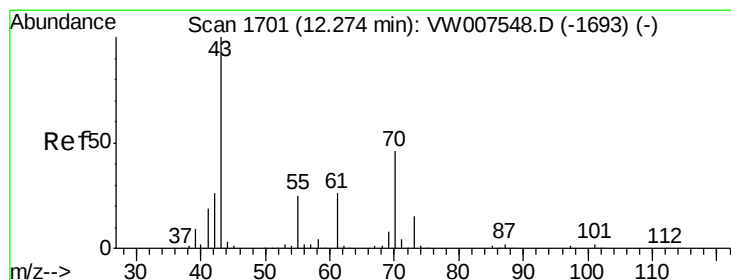
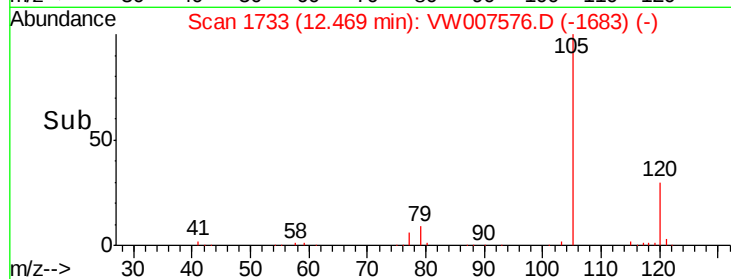
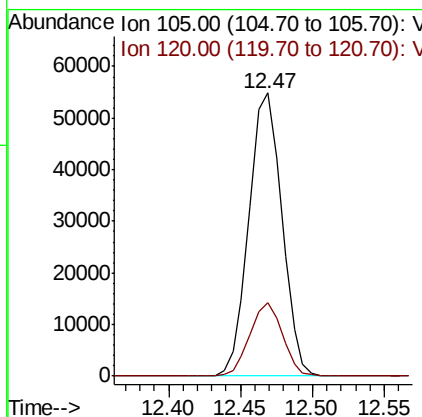
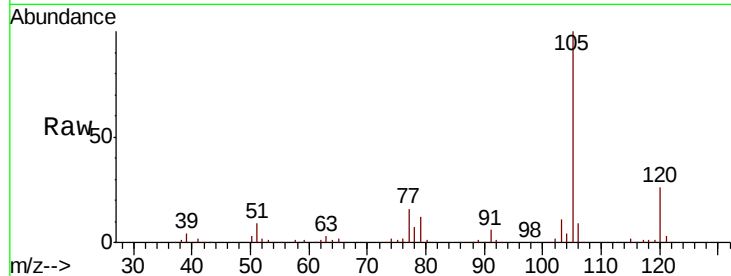




#73
Isopropylbenzene
Concen: 20.697 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

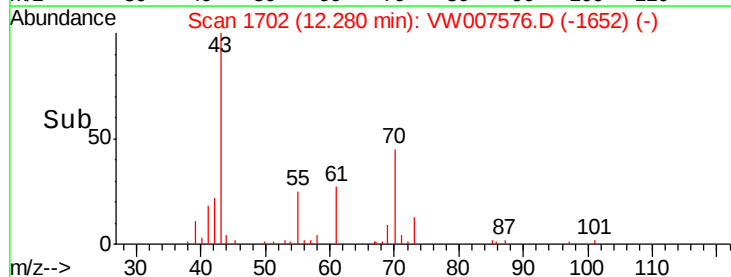
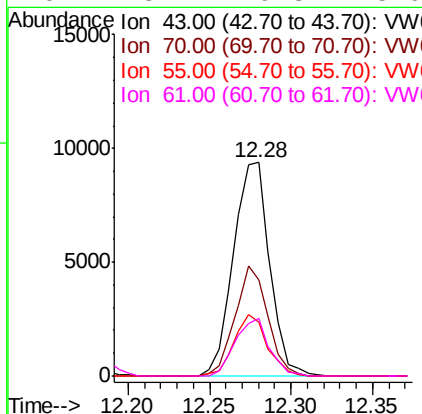
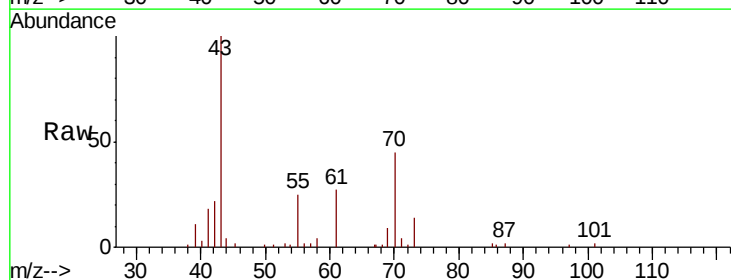
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD03

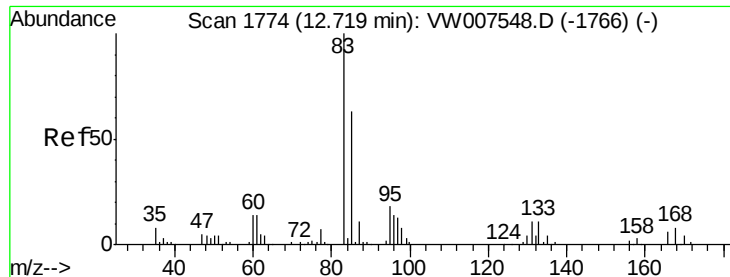
Tgt Ion: 105 Resp: 86737
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 19.095 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion: 43 Resp: 14544
Ion Ratio Lower Upper
43 100
70 46.1 36.5 54.7
55 26.4 20.1 30.1
61 25.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.818 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

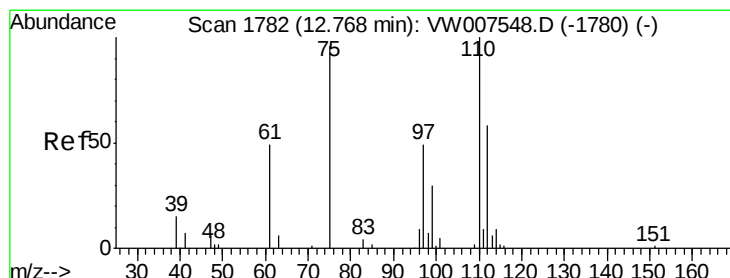
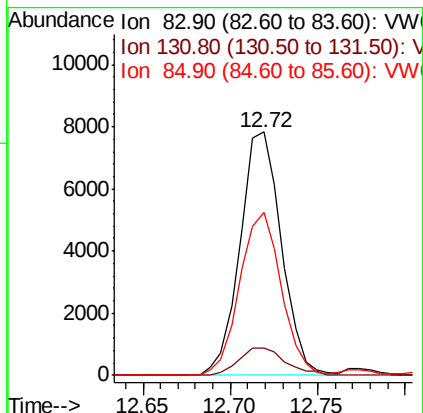
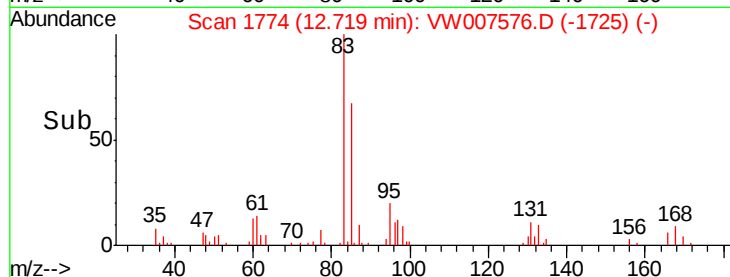
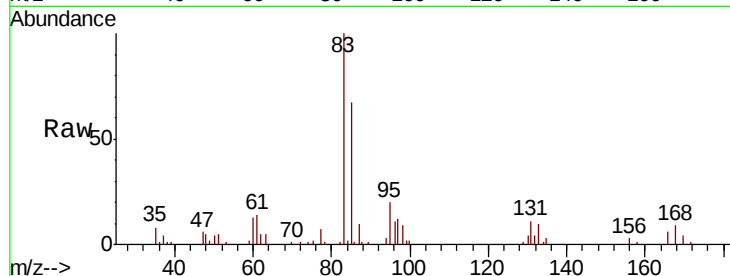
Tgt Ion: 83 Resp: 12922

Ion Ratio Lower Upper

83 100

131 12.6 5.9 17.8

85 67.2 30.0 90.0



#76

1,2,3-Trichloropropane

Concen: 39.344 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007576.D

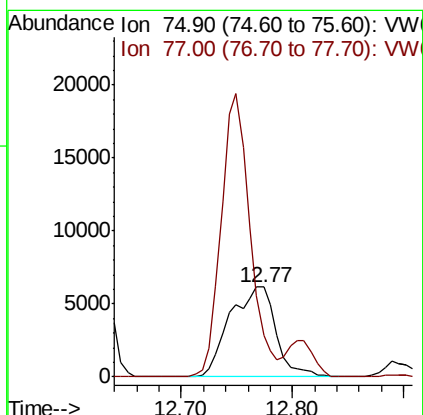
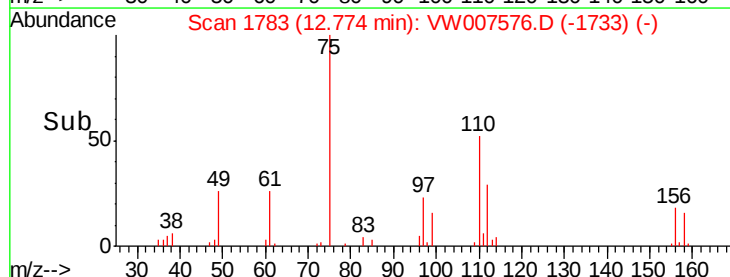
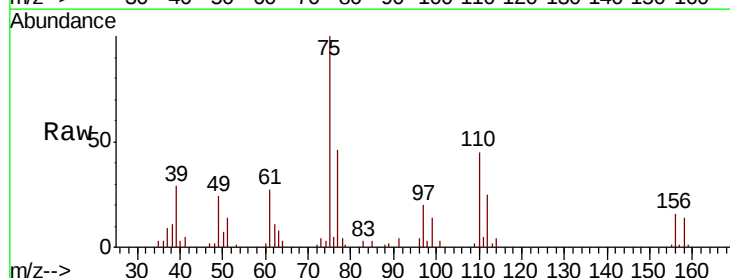
Acq: 15 Dec 2018 12:42

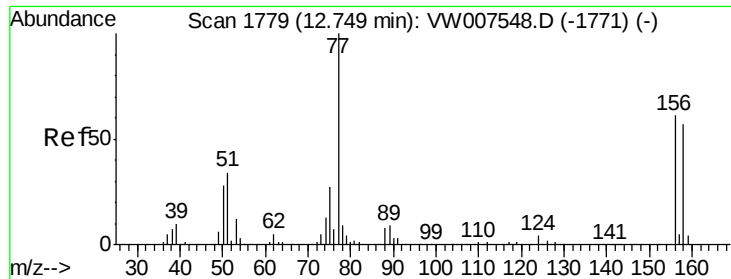
Tgt Ion: 75 Resp: 17743

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#





#77

Bromobenzene

Concen: 21.319 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

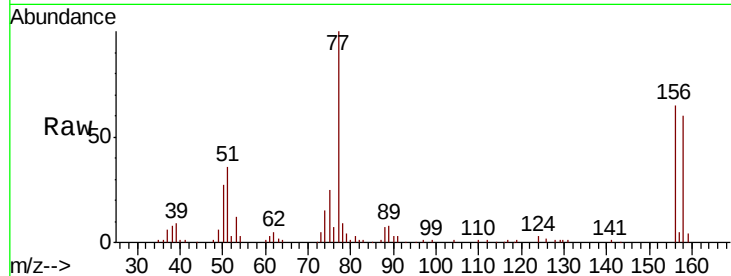
Tgt Ion:156 Resp: 19804

Ion Ratio Lower Upper

156 100

77 176.5 88.1 264.4

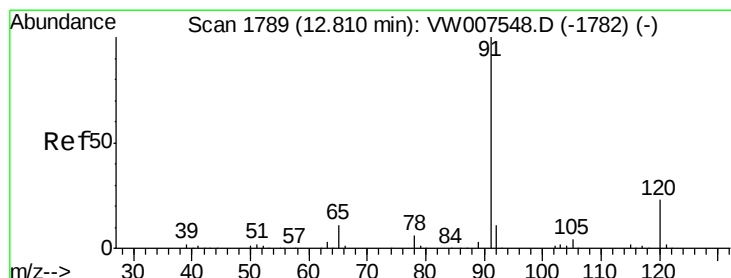
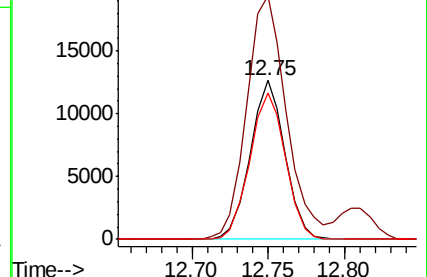
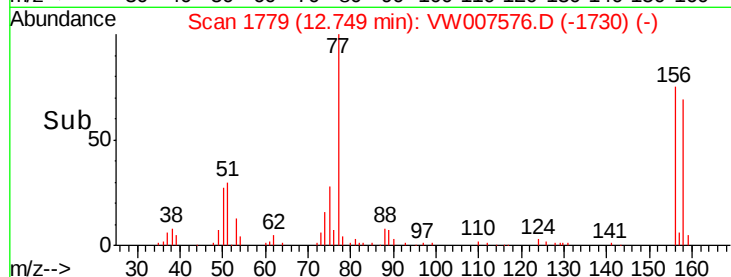
158 94.8 45.6 136.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.648 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007576.D

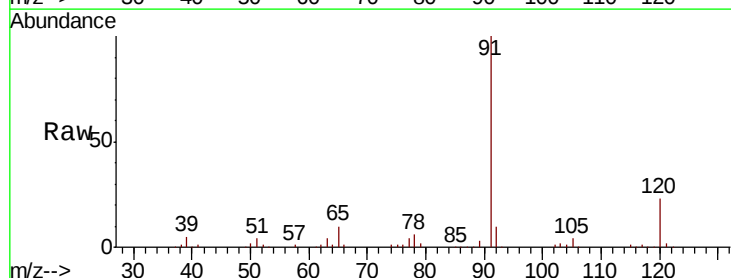
Acq: 15 Dec 2018 12:42

Tgt Ion: 91 Resp: 102102

Ion Ratio Lower Upper

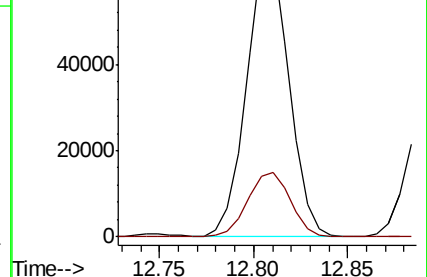
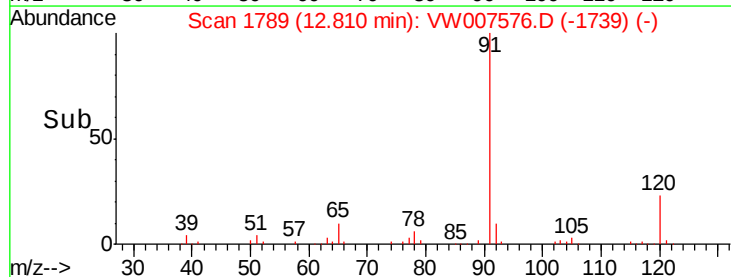
91 100

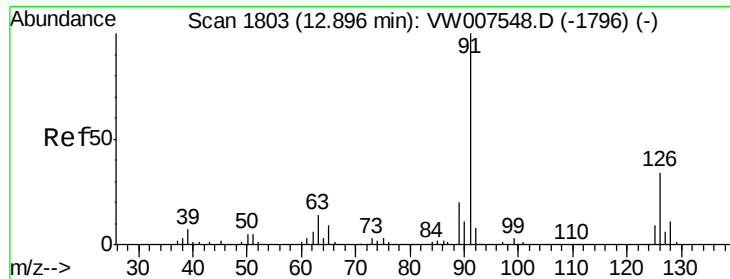
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

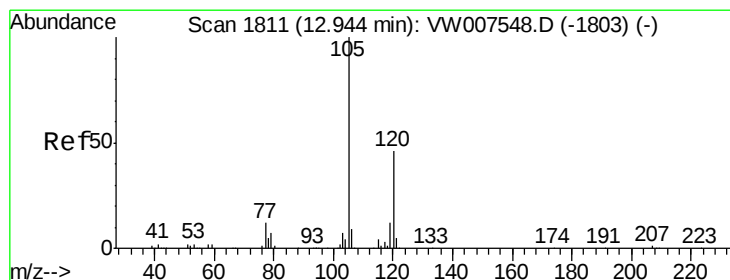
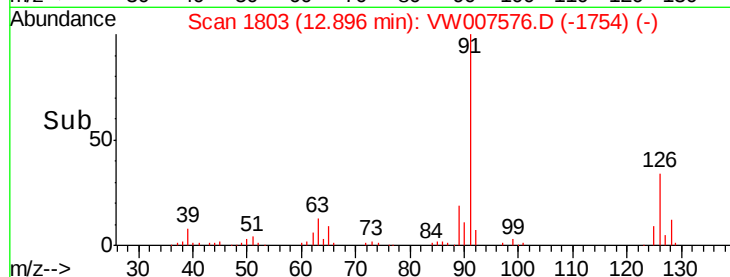
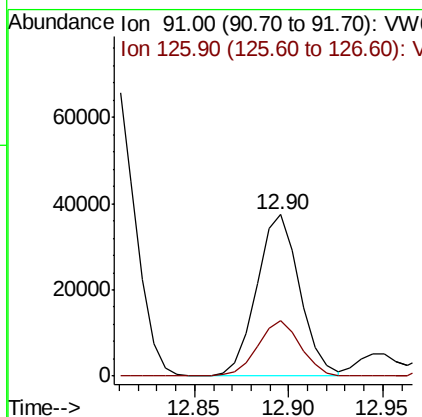
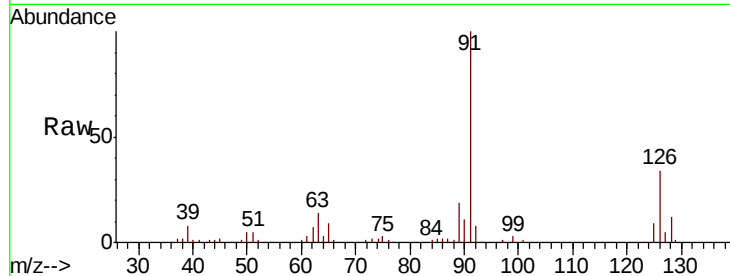




#79
 2-Chlorotoluene
 Concen: 20.901 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

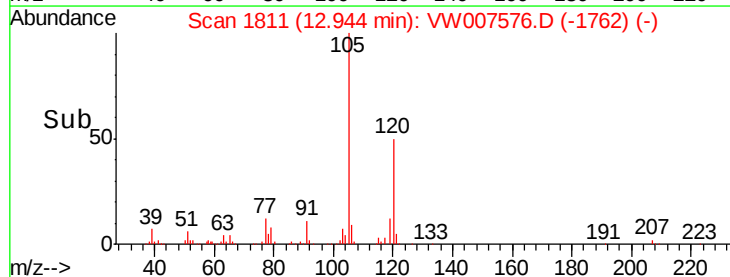
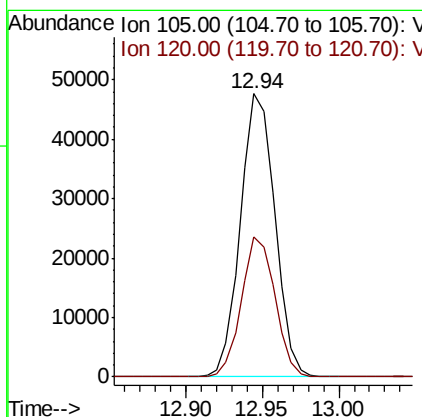
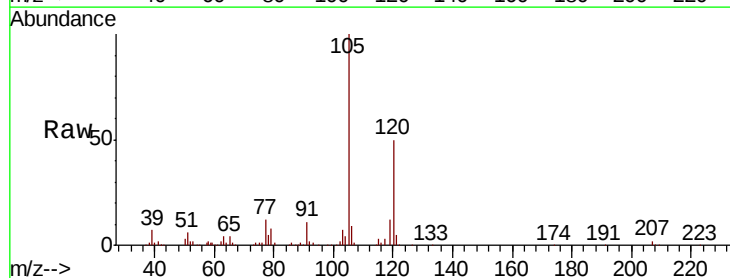
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

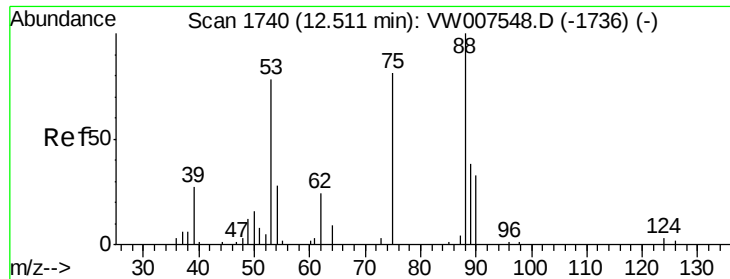
Tgt Ion: 91 Resp: 59647
 Ion Ratio Lower Upper
 91 100
 126 33.8 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.243 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion: 105 Resp: 74806
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.766 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

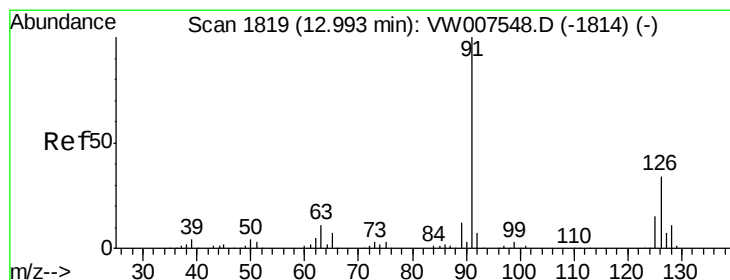
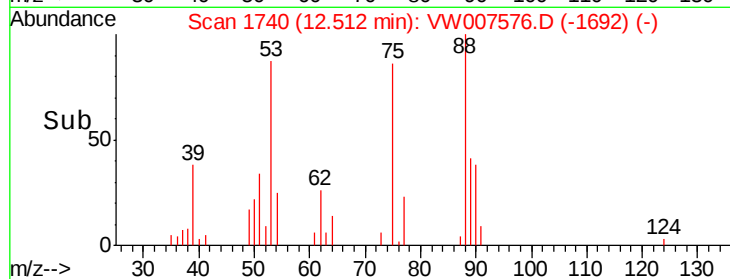
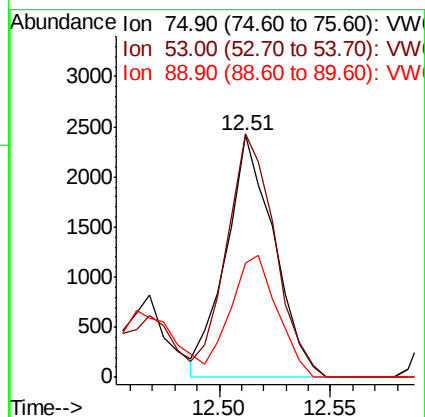
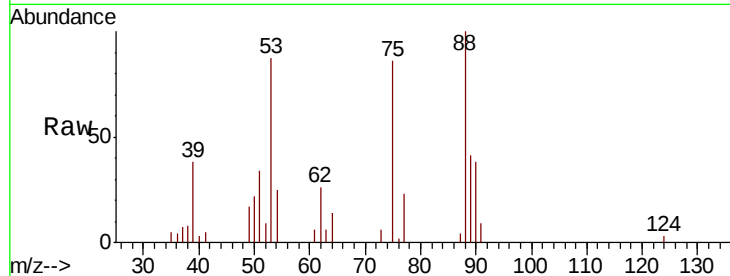
Tgt Ion: 75 Resp: 3627

Ion Ratio Lower Upper

75 100

53 101.4 84.9 127.3

89 48.8 40.3 60.5



#82

4-Chlorotoluene

Concen: 20.757 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007576.D

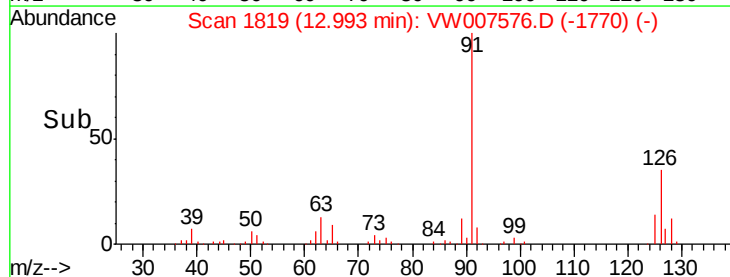
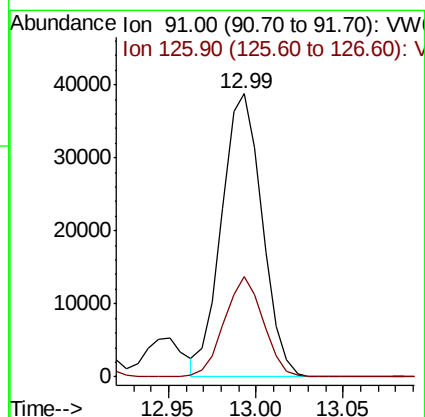
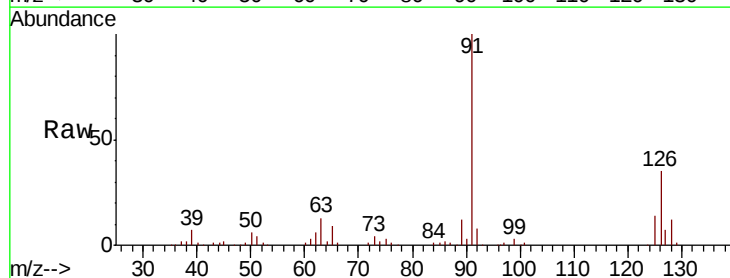
Acq: 15 Dec 2018 12:42

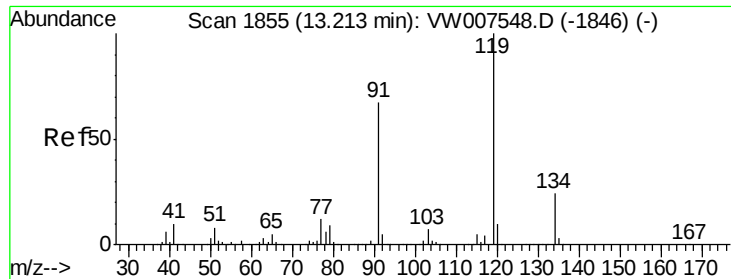
Tgt Ion: 91 Resp: 62442

Ion Ratio Lower Upper

91 100

126 33.9 16.0 48.0





#83

tert-Butylbenzene

Concen: 21.136 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

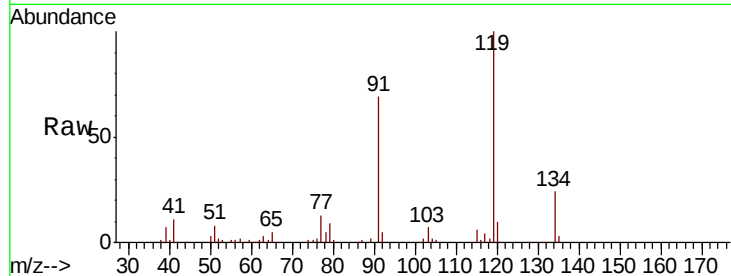
Tgt Ion:119 Resp: 65580

Ion Ratio Lower Upper

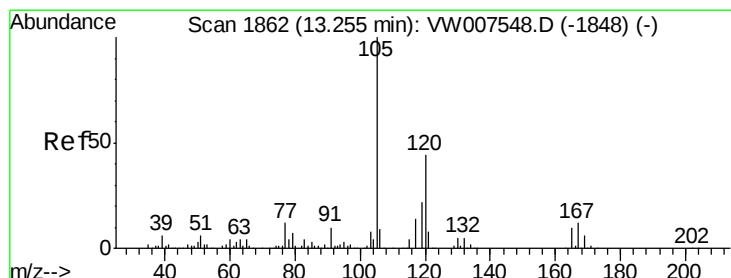
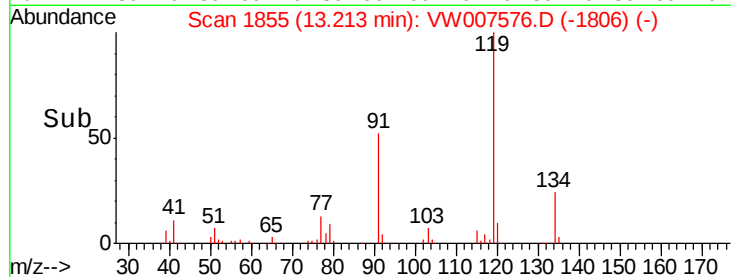
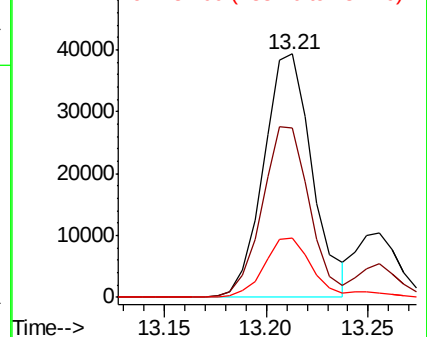
119 100

91 67.9 33.1 99.2

134 25.2 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: 21.090 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007576.D

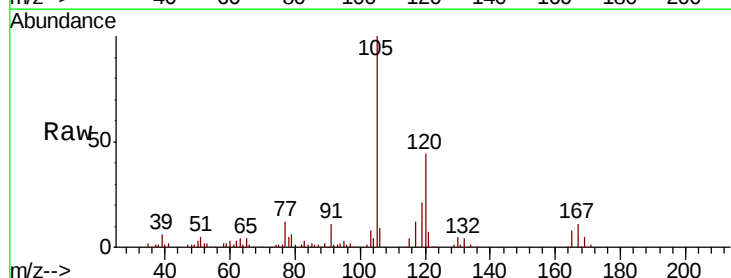
Acq: 15 Dec 2018 12:42

Tgt Ion:105 Resp: 76422

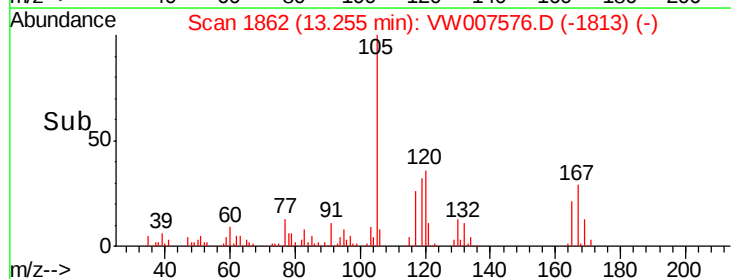
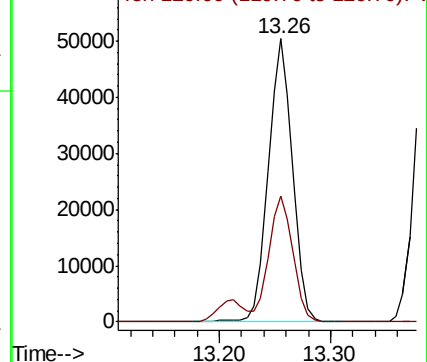
Ion Ratio Lower Upper

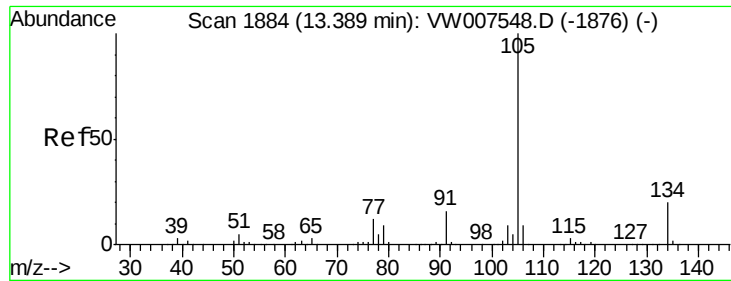
105 100

120 44.6 22.6 67.7



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

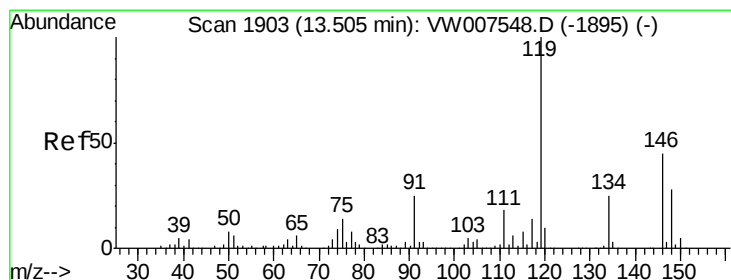
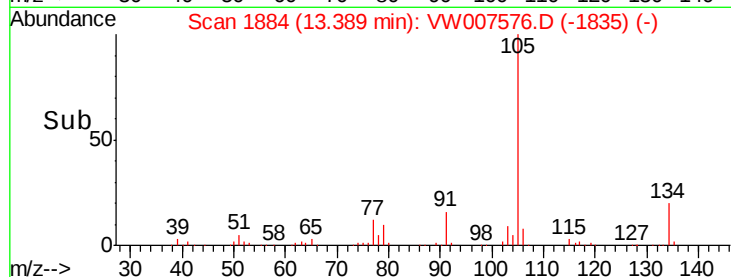
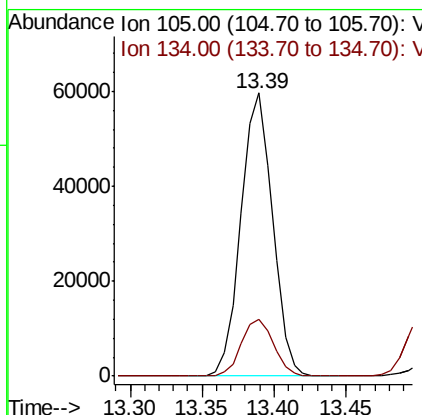
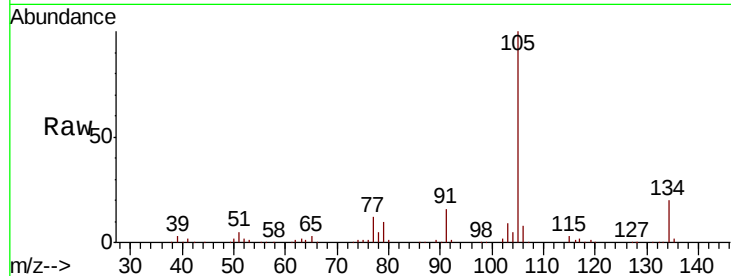




#85
 sec-Butylbenzene
 Concen: 21.436 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

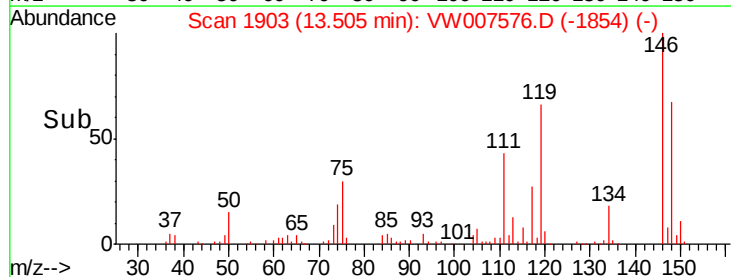
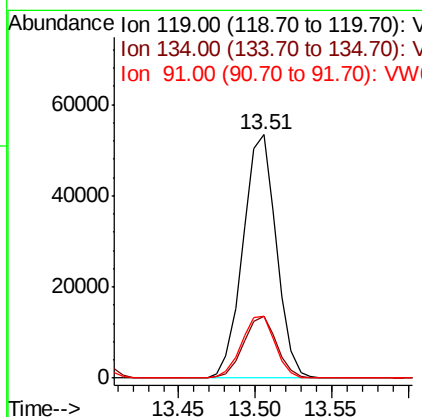
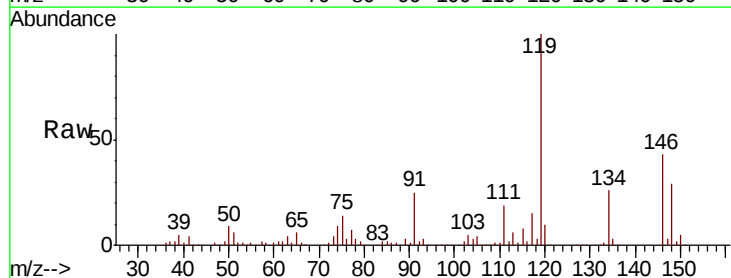
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD03

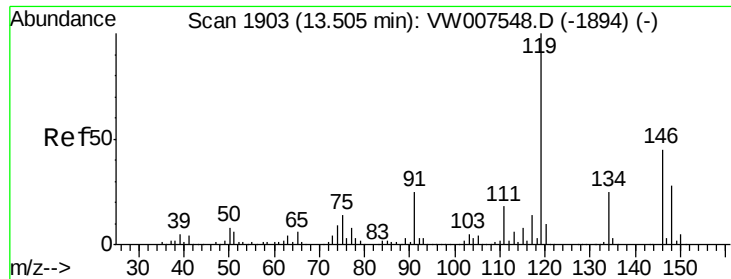
Tgt Ion:105 Resp: 90798
 Ion Ratio Lower Upper
 105 100
 134 20.6 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 21.229 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion:119 Resp: 80781
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 25.6 11.9 35.9

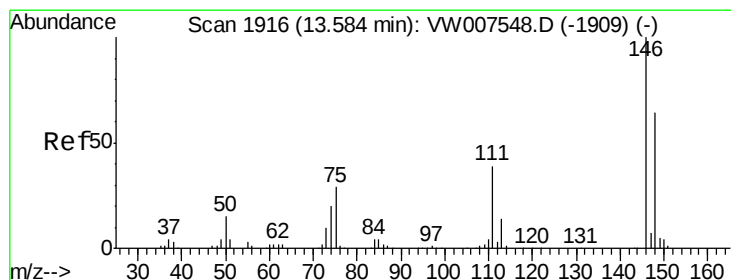
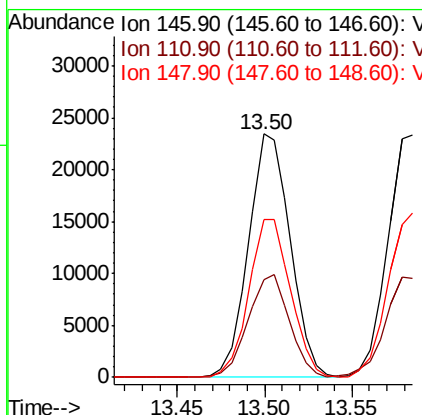
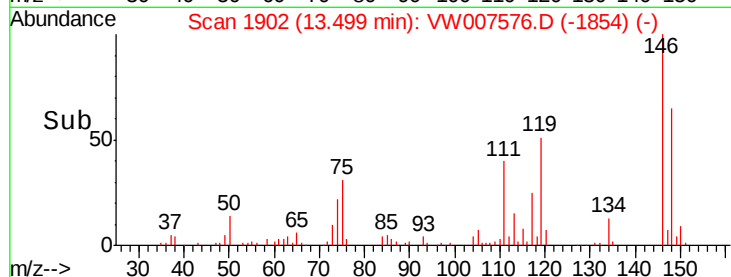
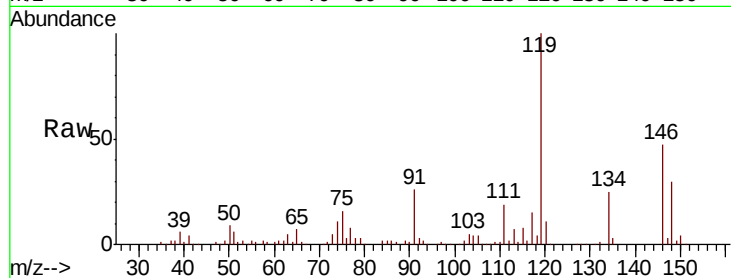




#87
 1,3-Dichlorobenzene
 Concen: 21.019 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

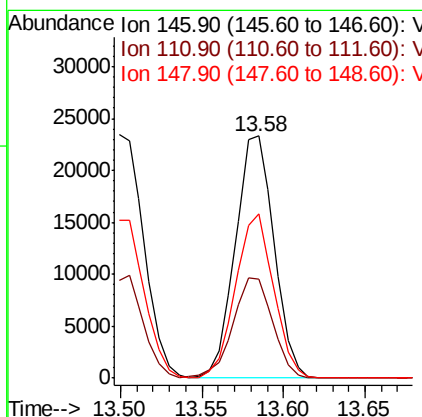
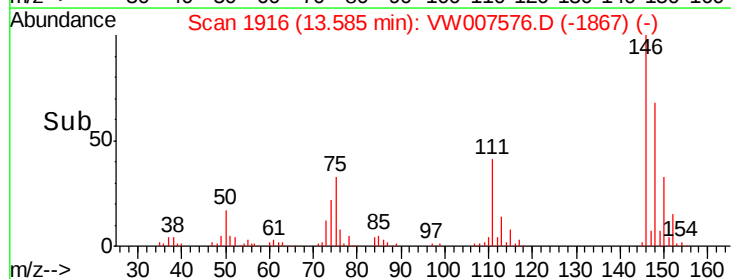
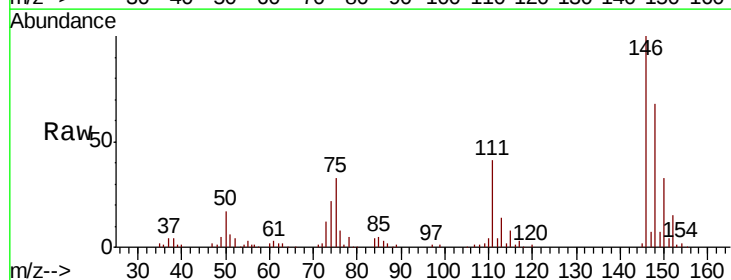
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

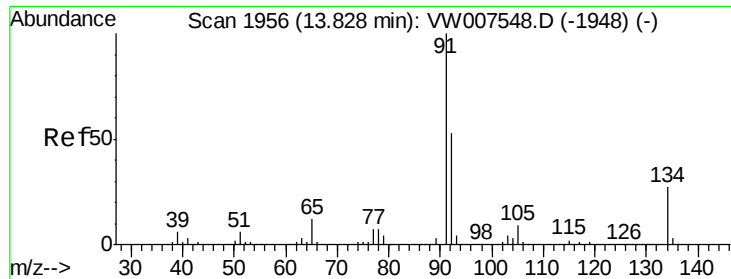
Tgt Ion:146 Resp: 38930
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.1 60.3
 148 64.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.729 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion:146 Resp: 38598
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.3 61.0
 148 66.3 33.5 100.5





#89

n-Butylbenzene

Concen: 20.921 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS03

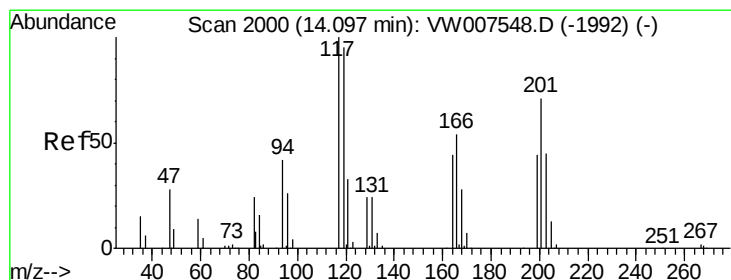
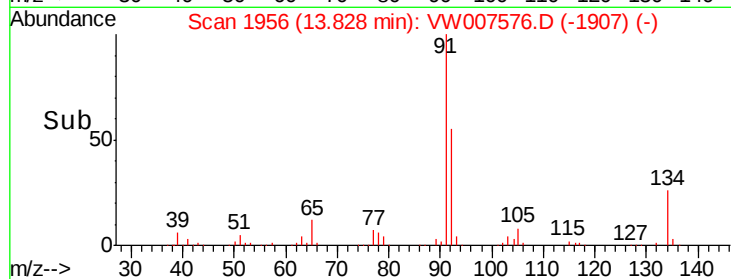
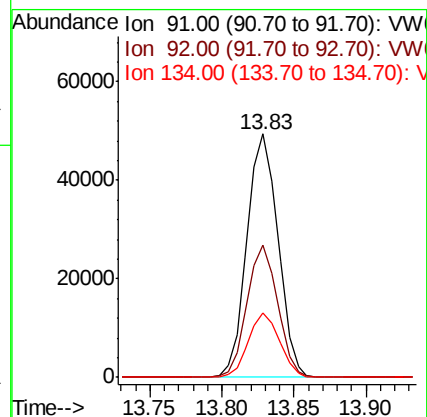
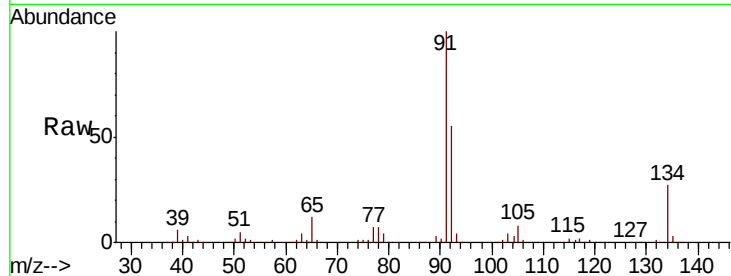
Tgt Ion: 91 Resp: 73801

Ion Ratio Lower Upper

91 100

92 53.5 25.7 77.1

134 26.6 13.4 40.2



#90

Hexachloroethane

Concen: 20.756 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007576.D

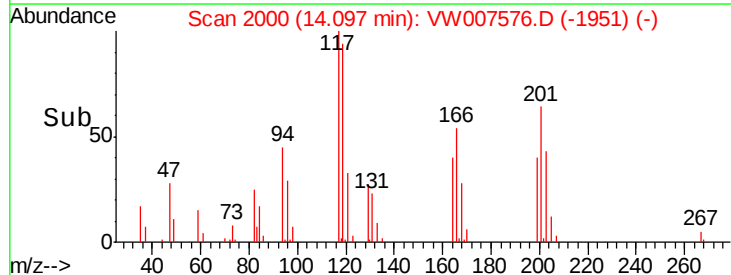
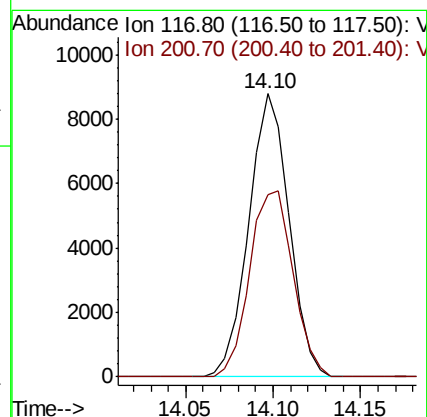
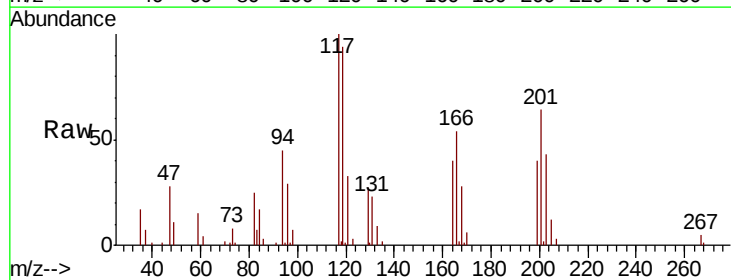
Acq: 15 Dec 2018 12:42

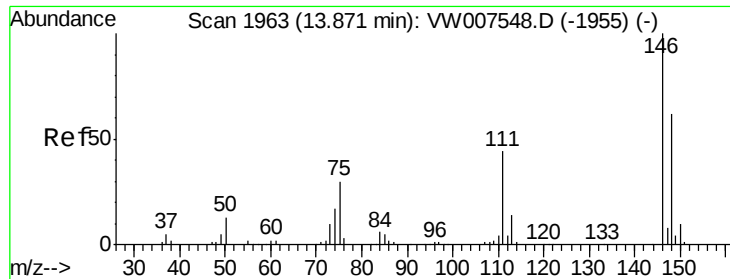
Tgt Ion: 117 Resp: 14053

Ion Ratio Lower Upper

117 100

201 71.0 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 20.798 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD03

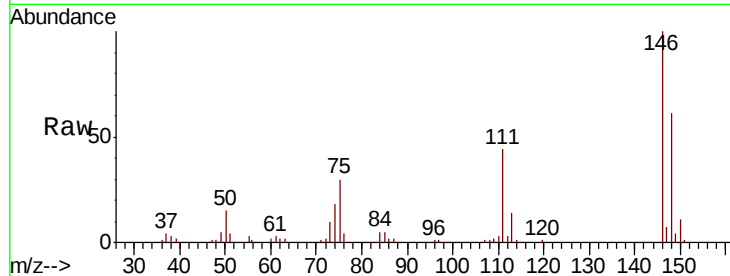
Tgt Ion:146 Resp: 34501

Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.2

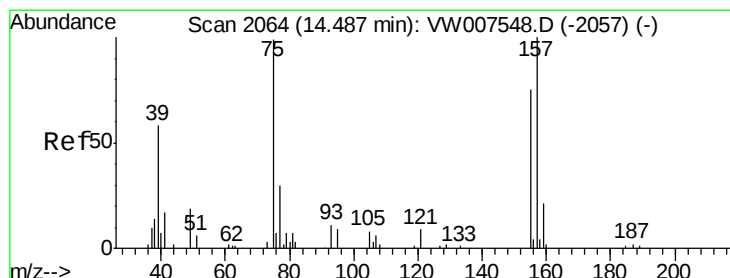
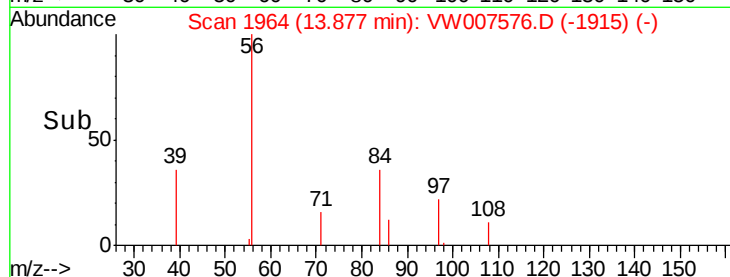
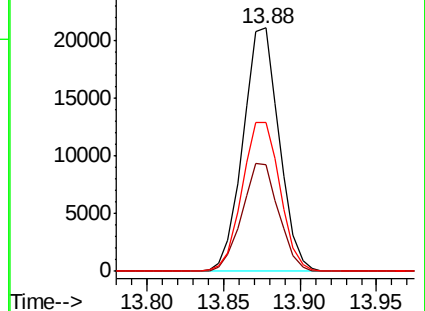
148 64.1 32.4 97.2



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: 19.339 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007576.D

Acq: 15 Dec 2018 12:42

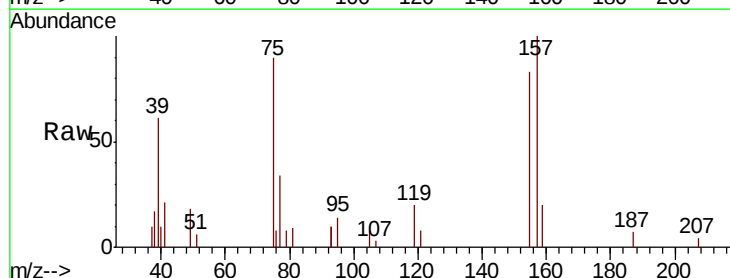
Tgt Ion: 75 Resp: 2409

Ion Ratio Lower Upper

75 100

155 88.0 40.8 122.2

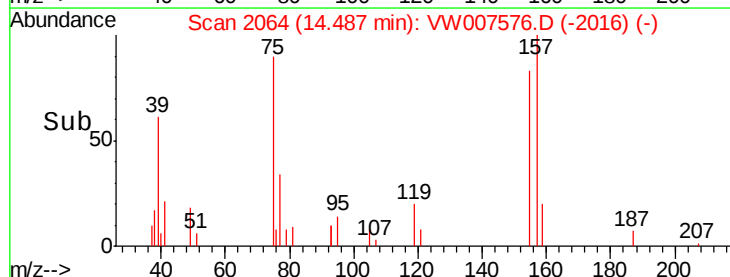
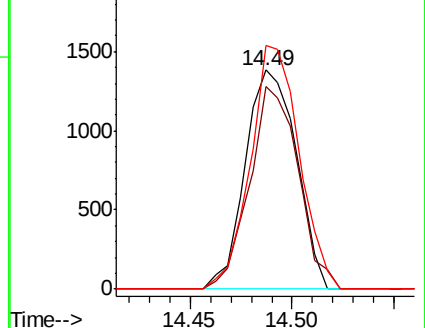
157 106.7 51.1 153.4

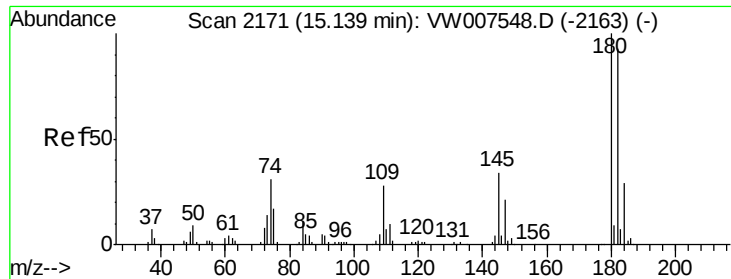


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

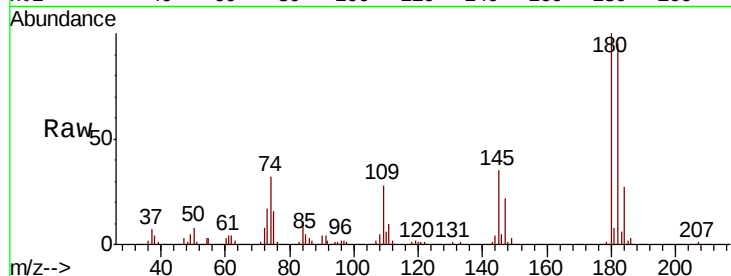




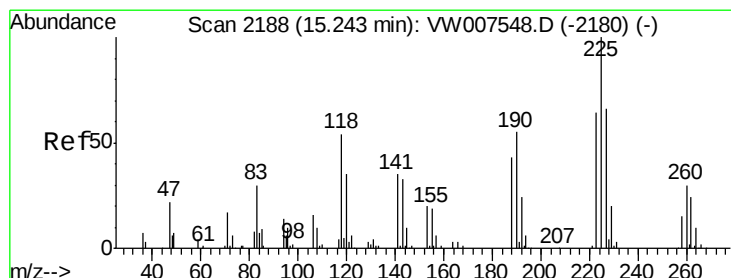
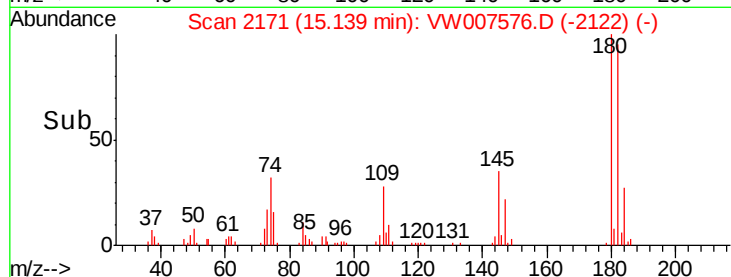
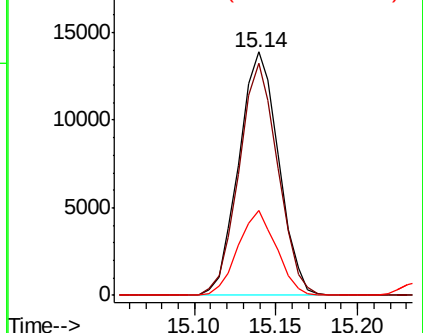
#93
 1,2,4-Trichlorobenzene
 Concen: 20.681 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

Tgt Ion:180 Resp: 23610
 Ion Ratio Lower Upper
 180 100
 182 93.2 49.9 149.6
 145 33.6 17.8 53.4

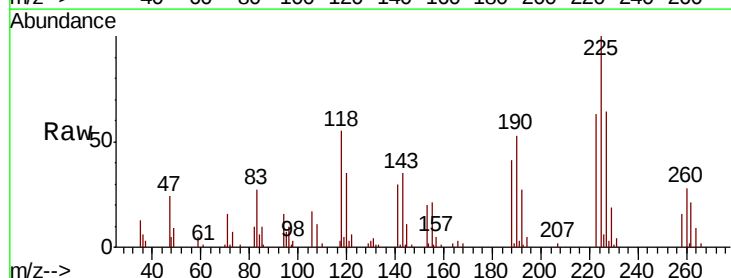


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

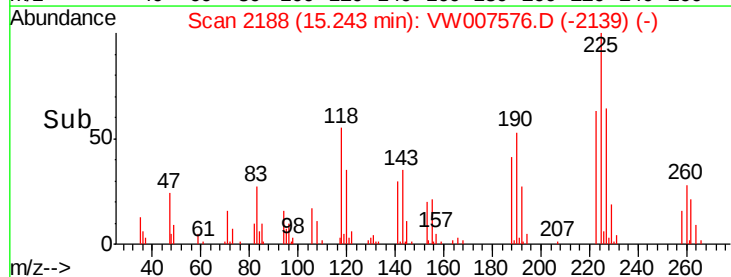
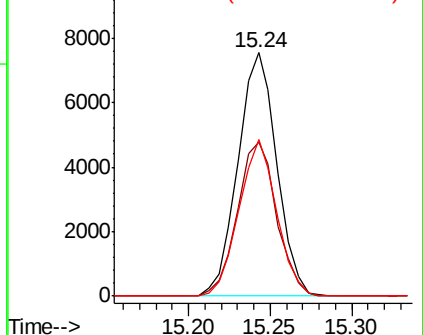


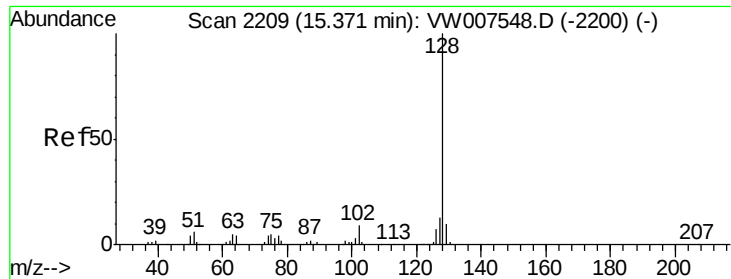
#94
 Hexachlorobutadiene
 Concen: 20.618 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007576.D
 Acq: 15 Dec 2018 12:42

Tgt Ion:225 Resp: 12489
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.1 96.3
 227 62.3 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

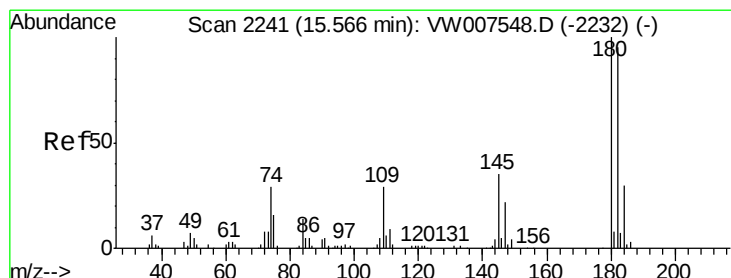
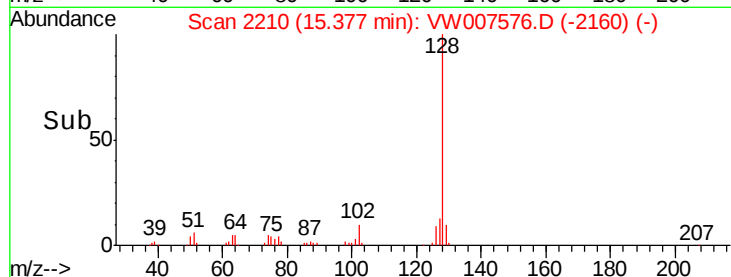
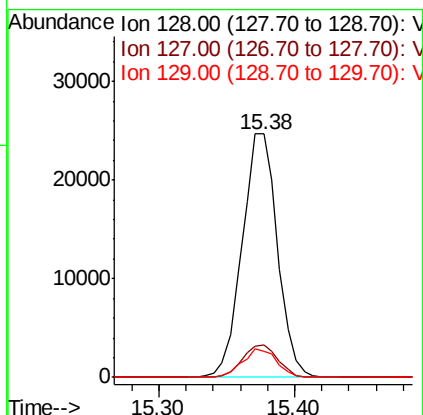
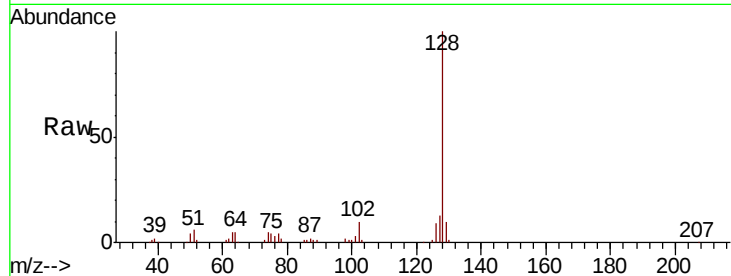




#95
Naphthalene
Concen: 20.513 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS03

Tgt Ion:128 Resp: 44799
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.2 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 20.831 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007576.D
Acq: 15 Dec 2018 12:42

Tgt Ion:180 Resp: 20658
Ion Ratio Lower Upper
180 100
182 95.1 45.6 136.7
145 36.5 17.5 52.5

