

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006044.D
 Acq On : 12 Oct 2018 12:49
 Operator : VA/AP
 Sample : VW1013SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Quant Time: Oct 13 01:07:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113905	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.89	113	115549	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	10.33	98	449350	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.62	95	165941	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	26258	21.893	ug/l	99
3) Chloromethane	2.22	50	28703	20.346	ug/l	97
4) Vinyl Chloride	2.37	62	45165	20.166	ug/l	91
5) Bromomethane	2.79	94	41892	23.700	ug/l	98
6) Chloroethane	2.93	64	31754	22.253	ug/l	99
7) Trichlorofluoromethane	3.26	101	42278	23.780	ug/l	94
8) Diethyl Ether	3.68	74	21729	19.859	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45368	20.221	ug/l	99
10) Methyl Iodide	4.27	142	72634	19.795	ug/l	99
11) Tert butyl alcohol	5.21	59	13886	79.746	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	41444	19.236	ug/l	94
13) Acrolein	3.90	56	14280	92.026	ug/l	96
14) Allyl chloride	4.67	41	58391	15.892	ug/l	94
15) Acrylonitrile	5.38	53	42490	89.232	ug/l	98
16) Acetone	4.14	43	50303	105.995	ug/l	97
17) Carbon Disulfide	4.38	76	107490	16.502	ug/l	99
18) Methyl Acetate	4.68	43	19008	15.872	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	65720	19.607	ug/l	99
20) Methylene Chloride	4.92	84	54147	22.773	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	45175	19.238	ug/l	97
22) Diisopropyl ether	6.32	45	123035	17.913	ug/l	98
23) Vinyl Acetate	6.26	43	357867	84.654	ug/l	97
24) 1,1-Dichloroethane	6.21	63	76742	18.258	ug/l	100
25) 2-Butanone	7.18	43	63042	93.395	ug/l	99
26) 2,2-Dichloropropane	7.17	77	57519	19.445	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51271	19.306	ug/l	98
28) Bromochloromethane	7.52	49	28559	18.408	ug/l	90
29) Tetrahydrofuran	7.54	42	35203	82.500	ug/l	95
30) Chloroform	7.68	83	82657	19.145	ug/l	99
31) Cyclohexane	7.96	56	72608	17.456	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	73950	19.234	ug/l	99
36) 1,1-Dichloropropene	8.09	75	64542	19.355	ug/l	99
37) Ethyl Acetate	7.26	43	25096	17.772	ug/l	98
38) Carbon Tetrachloride	8.07	117	70356	19.638	ug/l	98

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Quant Time: Oct 13 01:07:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84884	19.300	ug/l	95
40) Benzene	8.33	78	179656	19.685	ug/l	99
41) Methacrylonitrile	7.49	41	15541	17.579	ug/l	97
42) 1,2-Dichloroethane	8.40	62	52836	19.162	ug/l	99
43) Isopropyl Acetate	8.43	43	49431	16.757	ug/l	96
44) Trichloroethene	9.09	130	53806	20.319	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43917	19.224	ug/l	100
46) Dibromomethane	9.46	93	24206	19.279	ug/l	97
47) Bromodichloromethane	9.65	83	58444	18.497	ug/l	96
48) Methyl methacrylate	9.45	41	23272	16.561	ug/l	93
49) 1,4-Dioxane	9.47	88	7580	397.447	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	126659	88.176	ug/l	98
52) Toluene	10.39	92	121189	20.212	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	58480	17.711	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	66494	17.915	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34507	19.842	ug/l	99
56) Ethyl methacrylate	10.65	69	42472	18.120	ug/l	93
57) 1,3-Dichloropropane	10.94	76	57816	19.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92630	97.124	ug/l	98
59) 2-Hexanone	10.98	43	96193	93.396	ug/l	97
60) Dibromochloromethane	11.13	129	41759	18.608	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34423	19.808	ug/l	100
64) Tetrachloroethene	10.87	164	48342	20.226	ug/l	98
65) Chlorobenzene	11.66	112	139817	20.344	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	49395	19.608	ug/l	99
67) Ethyl Benzene	11.74	91	242197	19.951	ug/l	100
68) m/p-Xylenes	11.85	106	189912	40.032	ug/l	99
69) o-Xylene	12.17	106	91812	20.215	ug/l	98
70) Styrene	12.19	104	148411	19.695	ug/l	99
71) Bromoform	12.35	173	26113	17.402	ug/l #	97
73) Isopropylbenzene	12.47	105	257754	19.587	ug/l	100
74) N-amyl acetate	12.28	43	50264	16.083	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39969	18.531	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	51561	32.034	ug/l #	100
77) Bromobenzene	12.75	156	63114	20.244	ug/l	94
78) n-propylbenzene	12.81	91	302530	19.544	ug/l	99
79) 2-Chlorotoluene	12.90	91	169209	19.364	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	219813	19.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11049	14.492	ug/l	94
82) 4-Chlorotoluene	12.99	91	180194	19.599	ug/l	98
83) tert-Butylbenzene	13.21	119	195355	19.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	221884	19.799	ug/l	99
85) sec-Butylbenzene	13.39	105	285607	20.591	ug/l	100
86) p-Isopropyltoluene	13.51	119	253468	20.321	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126670	20.451	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125704	20.423	ug/l	99
89) n-Butylbenzene	13.83	91	237514	20.201	ug/l	99
90) Hexachloroethane	14.10	117	41221	17.571	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114527	20.827	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6917	17.208	ug/l	100

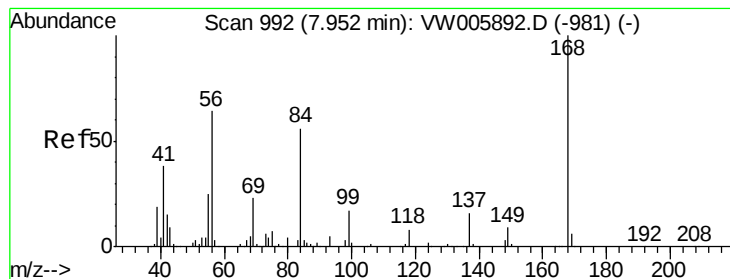
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86897	20.380	ug/l	100
94) Hexachlorobutadiene	15.24	225	55218	20.748	ug/l	99
95) Naphthalene	15.38	128	142269	19.358	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75012	20.318	ug/l	99

(#) = 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: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

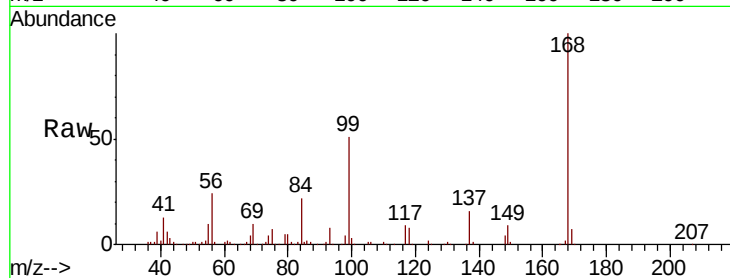
VW1013SBSD01

Tgt Ion:168 Resp: 244747

Ion Ratio Lower Upper

168 100

99 51.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

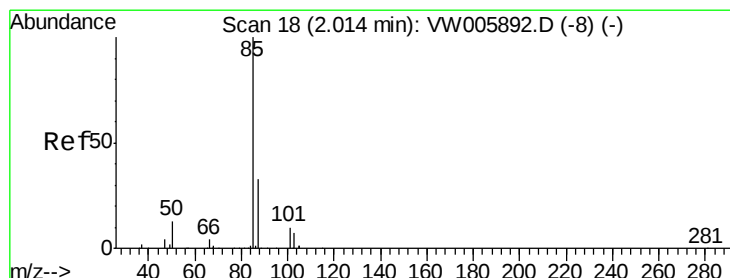
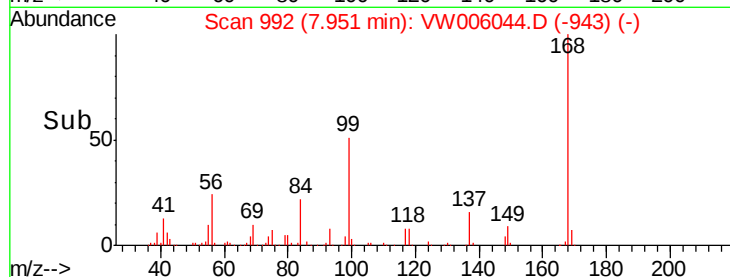
40000

20000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 21.893 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006044.D

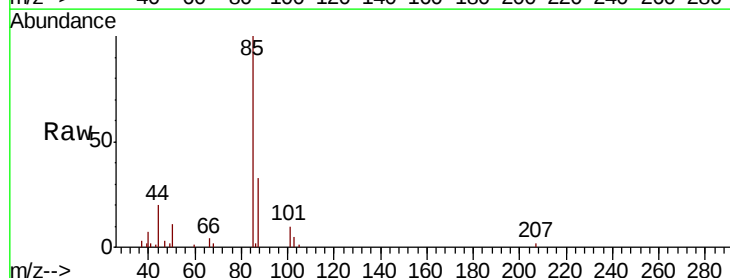
Acq: 12 Oct 2018 12:49

Tgt Ion: 85 Resp: 26258

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

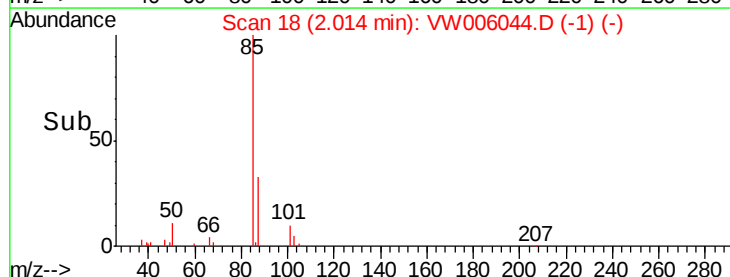
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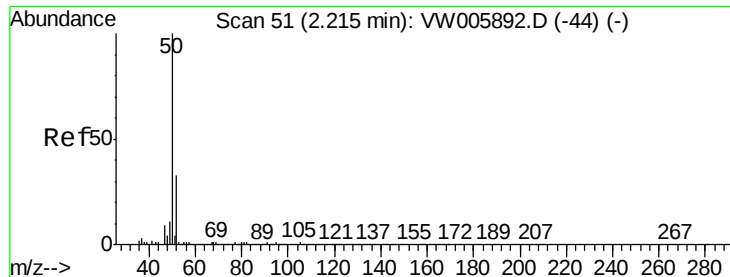
2000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.346 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

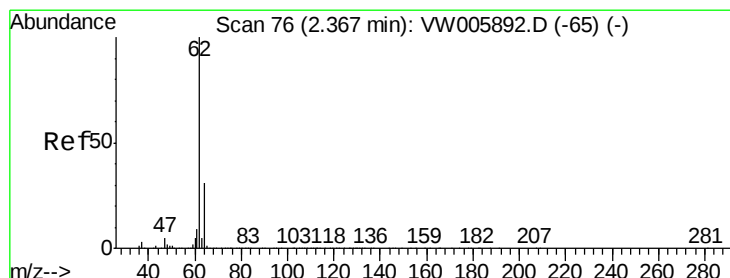
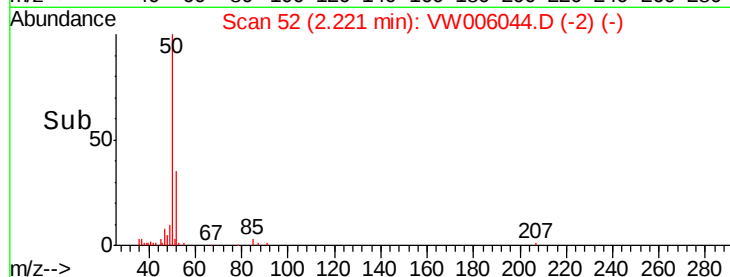
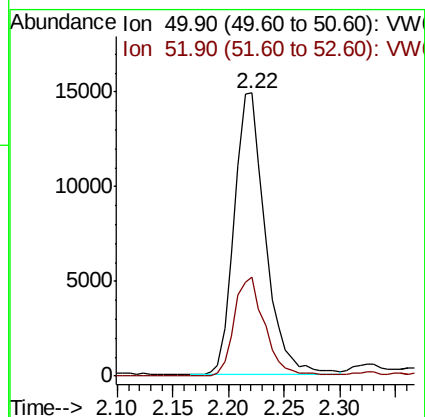
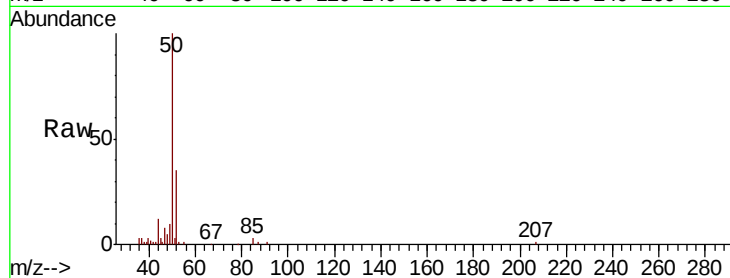
VW1013SBSD01

Tgt Ion: 50 Resp: 28703

Ion Ratio Lower Upper

50 100

52 35.3 26.7 40.1



#4

Vinyl Chloride

Concen: 20.166 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW006044.D

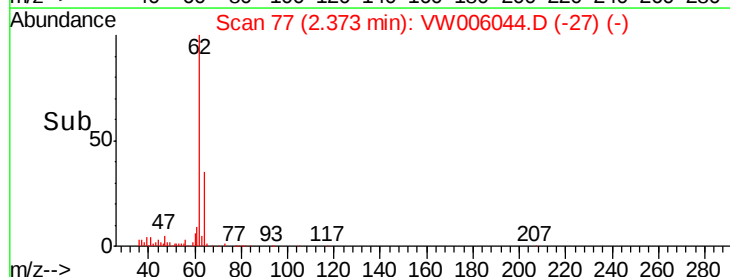
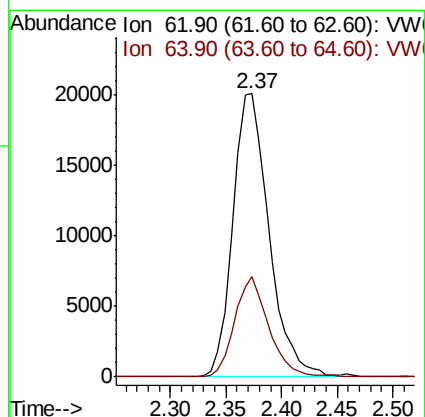
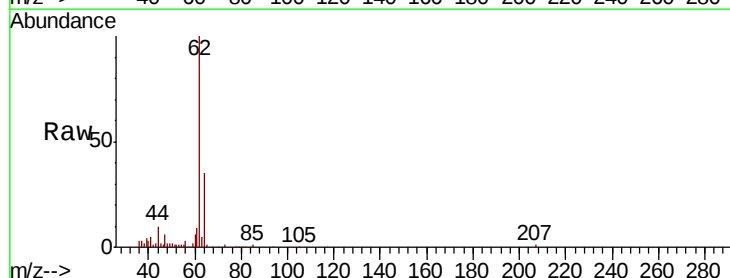
Acq: 12 Oct 2018 12:49

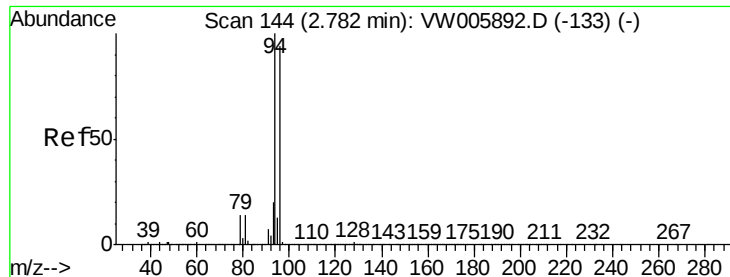
Tgt Ion: 62 Resp: 45165

Ion Ratio Lower Upper

62 100

64 35.5 24.6 36.8





#5

Bromomethane

Concen: 23.700 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

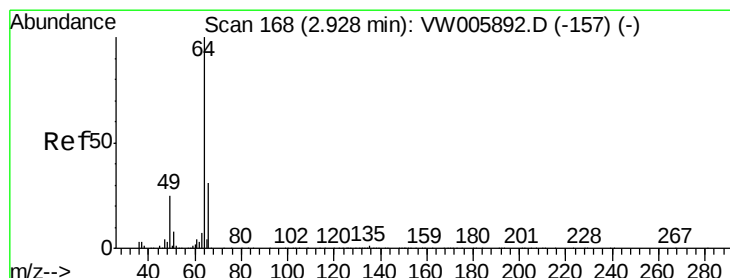
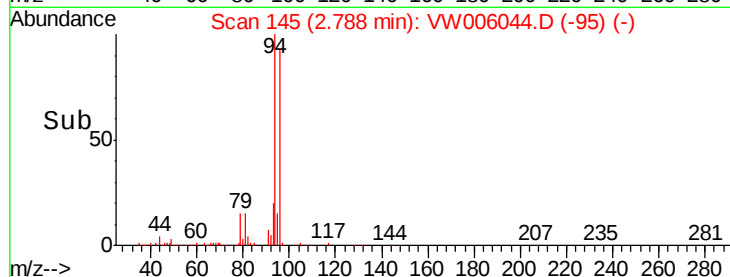
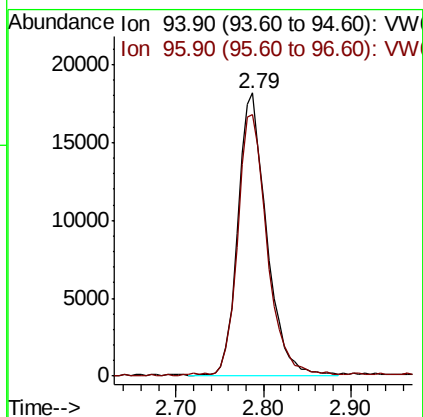
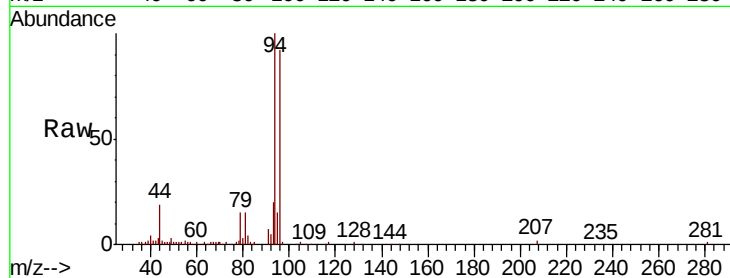
VW1013SBSD01

Tgt Ion: 94 Resp: 41892

Ion Ratio Lower Upper

94 100

96 91.8 75.0 112.4



#6

Chloroethane

Concen: 22.253 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006044.D

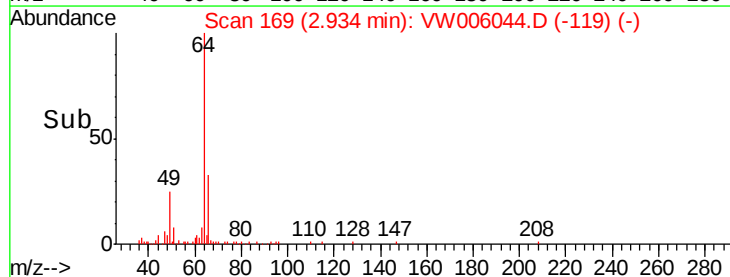
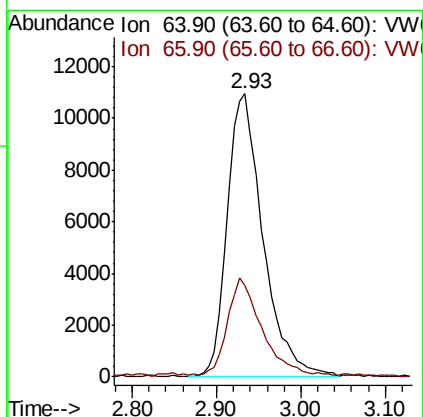
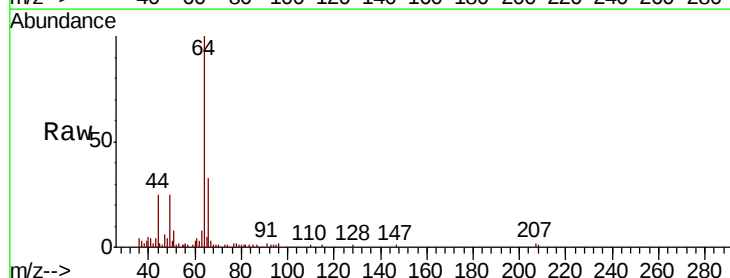
Acq: 12 Oct 2018 12:49

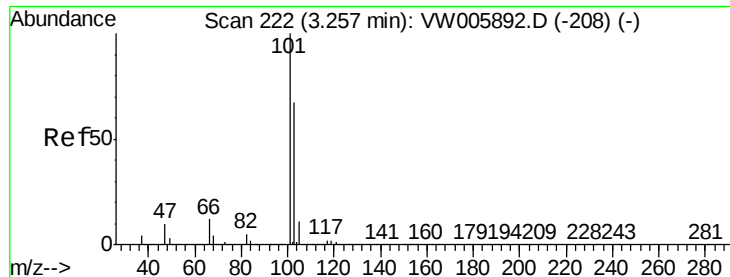
Tgt Ion: 64 Resp: 31754

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.4



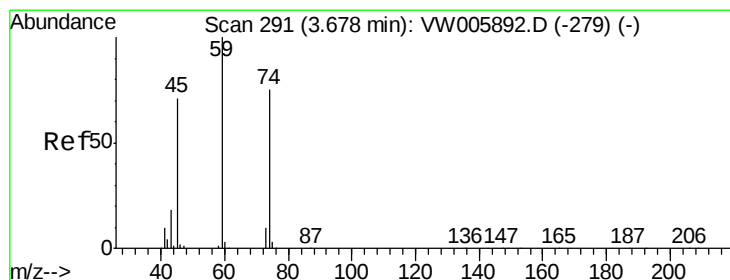
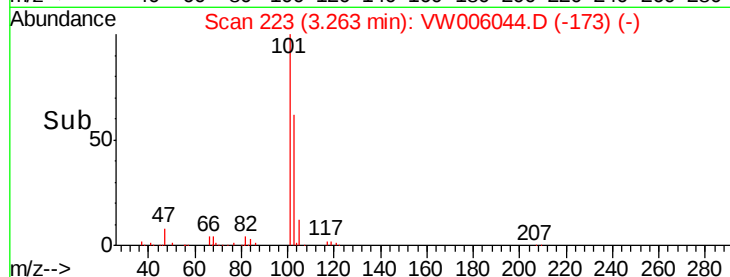
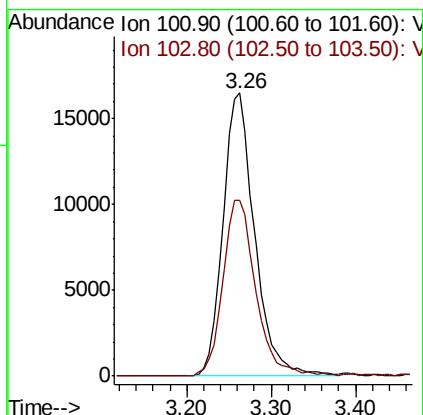
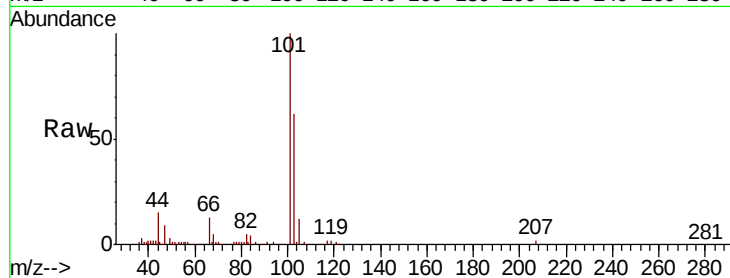


#7

Trichlorofluoromethane
Concen: 23.780 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

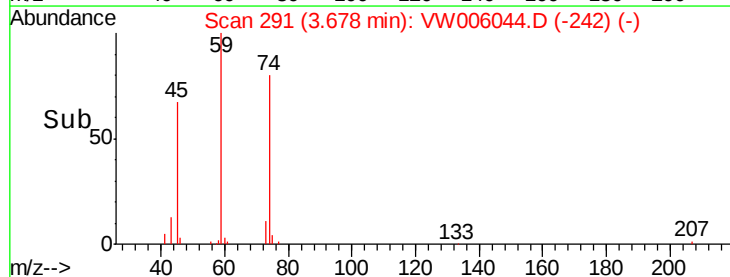
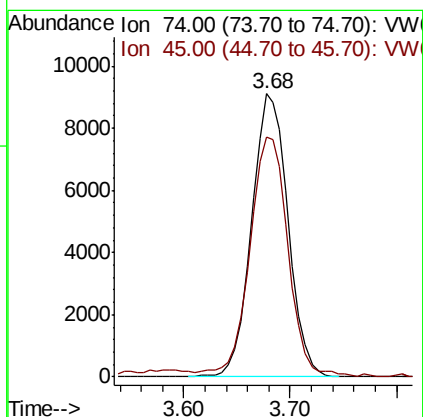
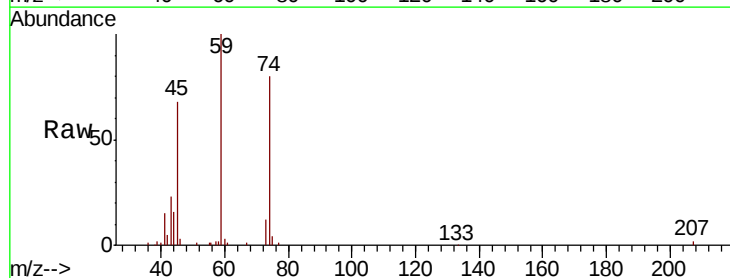
Tgt Ion: 101 Resp: 42278
Ion Ratio Lower Upper
101 100
103 62.0 53.5 80.3

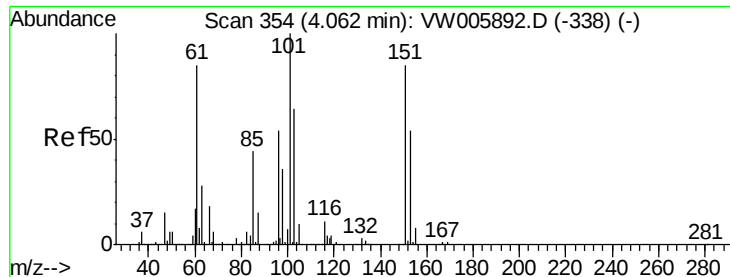


#8

Diethyl Ether
Concen: 19.859 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 74 Resp: 21729
Ion Ratio Lower Upper
74 100
45 89.7 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.221 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

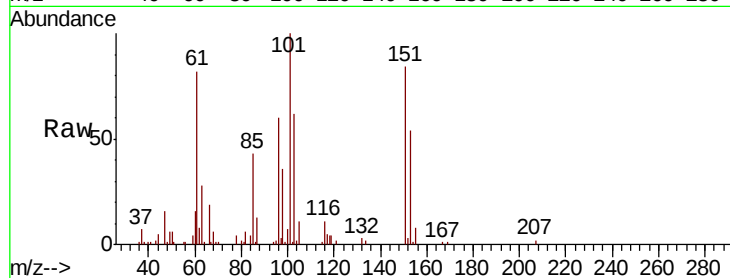
Tgt Ion:101 Resp: 45368

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

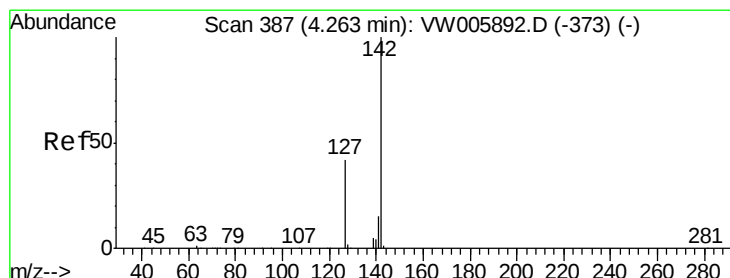
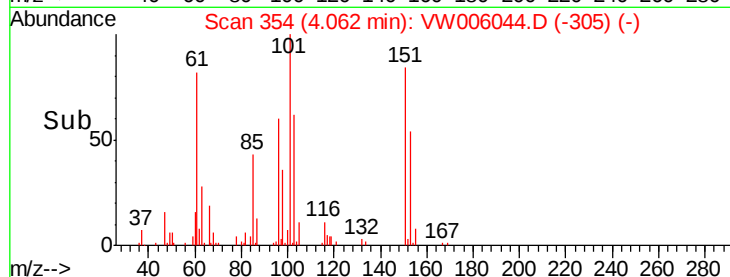
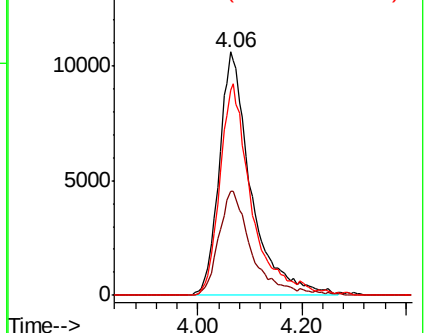
151 83.7 67.7 101.5



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: 19.795 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

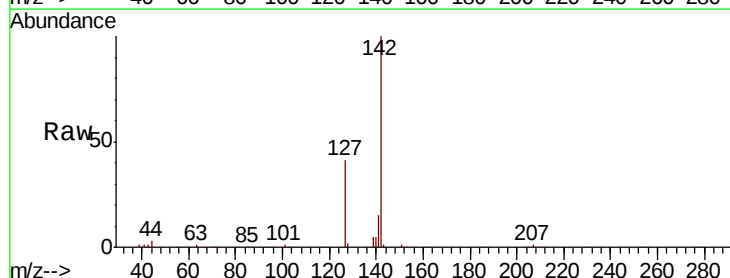
Tgt Ion:142 Resp: 72634

Ion Ratio Lower Upper

142 100

127 41.3 33.7 50.5

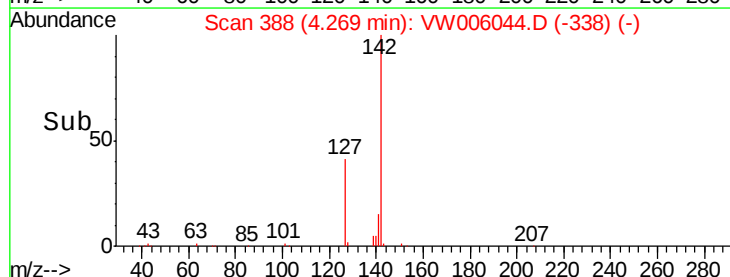
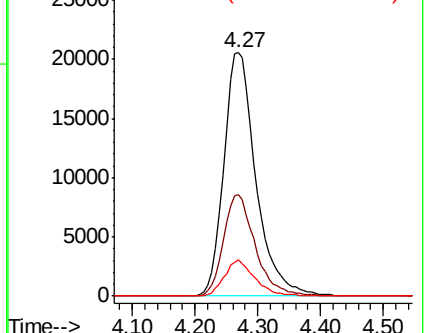
141 14.0 11.5 17.3

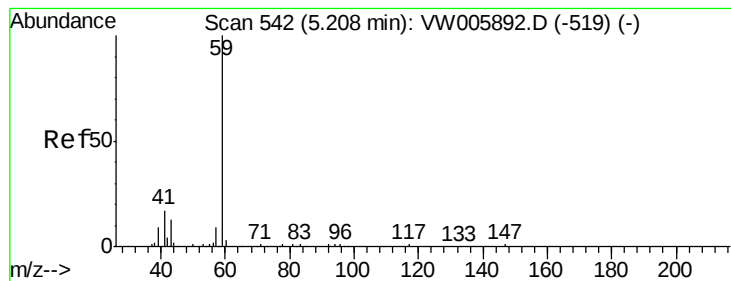


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 79.746 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

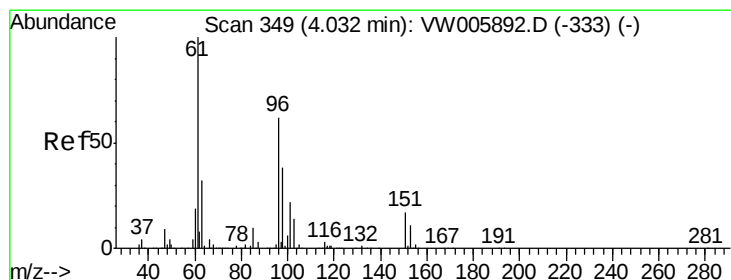
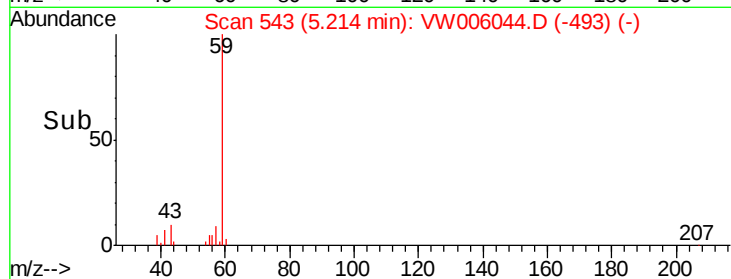
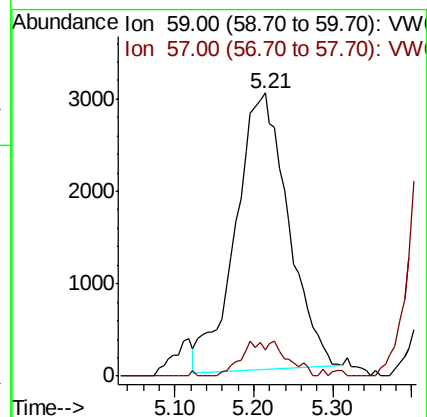
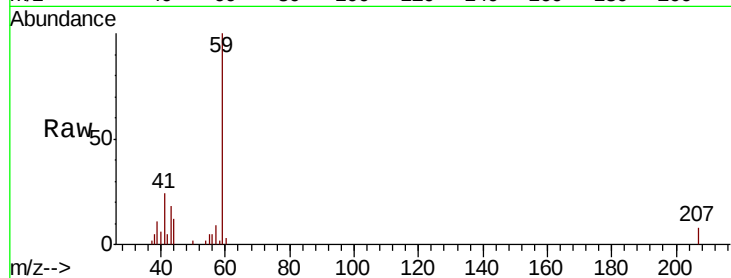
VW1013SBSD01

Tgt Ion: 59 Resp: 13886

Ion Ratio Lower Upper

59 100

57 5.8 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 19.236 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

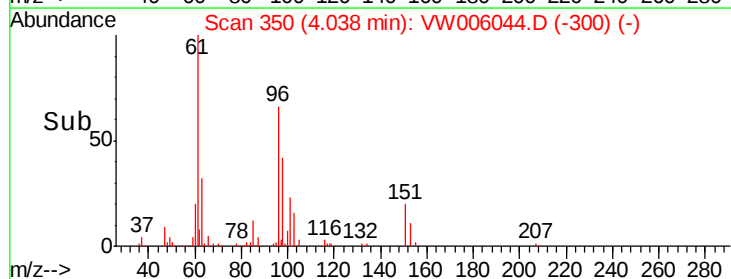
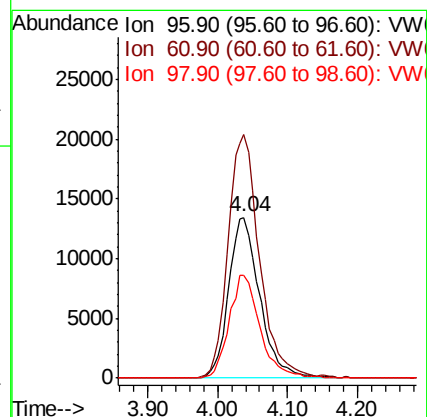
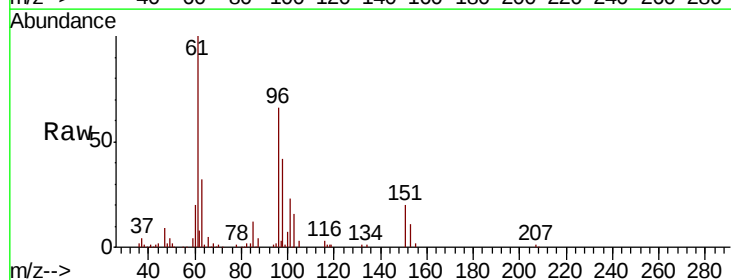
Tgt Ion: 96 Resp: 41444

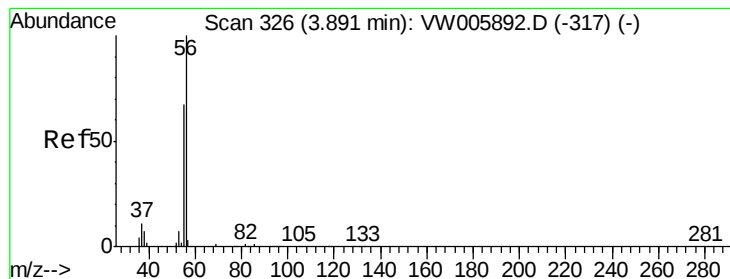
Ion Ratio Lower Upper

96 100

61 151.6 128.6 193.0

98 63.7 49.4 74.0





#13

Acrolein

Concen: 92.026 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

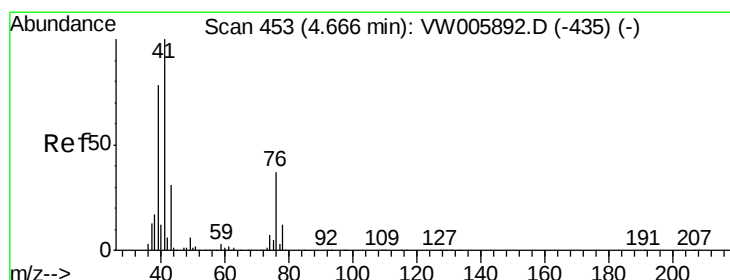
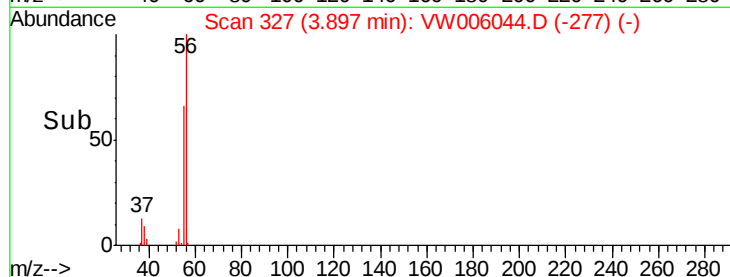
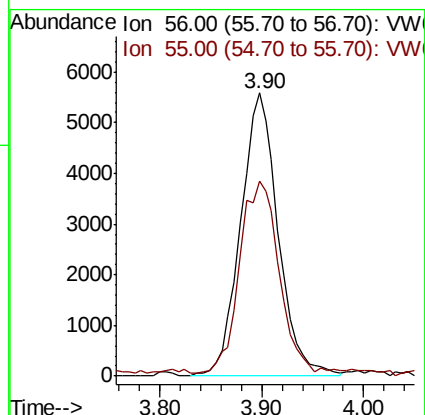
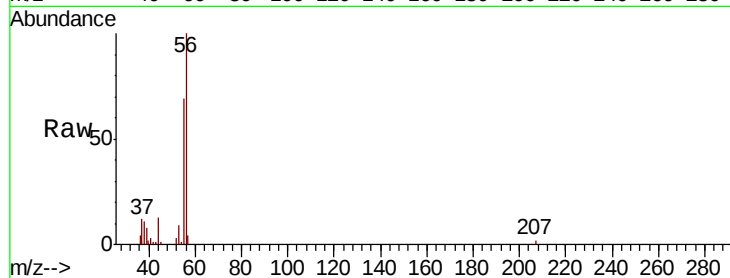
VW1013SBS01

Tgt Ion: 56 Resp: 14280

Ion Ratio Lower Upper

56 100

55 71.6 54.6 82.0



#14

Allyl chloride

Concen: 15.892 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

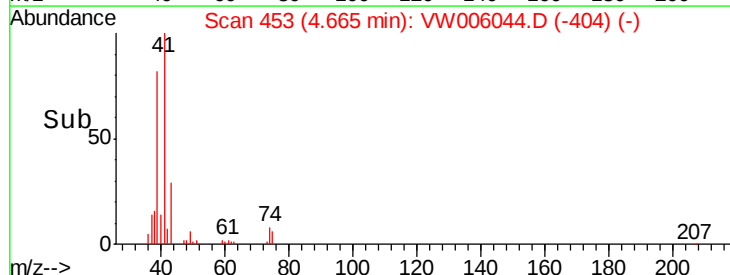
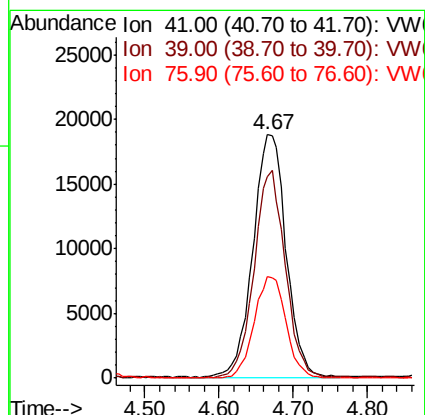
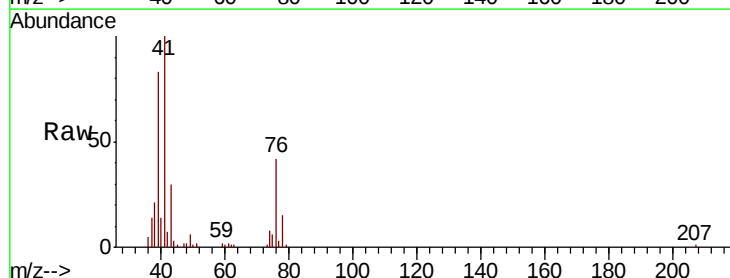
Tgt Ion: 41 Resp: 58391

Ion Ratio Lower Upper

41 100

39 80.9 60.8 91.2

76 40.3 29.6 44.4





#15

Acrylonitrile

Concen: 89.232 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

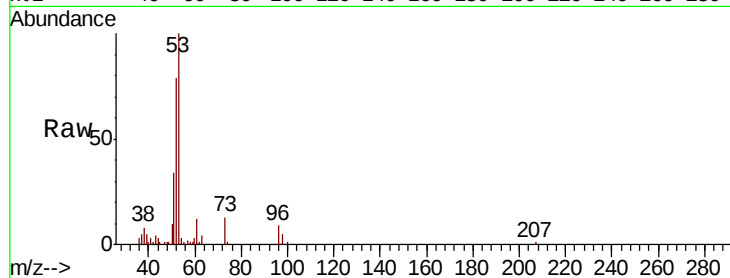
Tgt Ion: 53 Resp: 42490

Ion Ratio Lower Upper

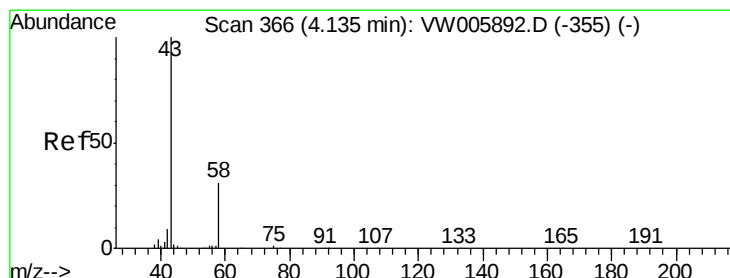
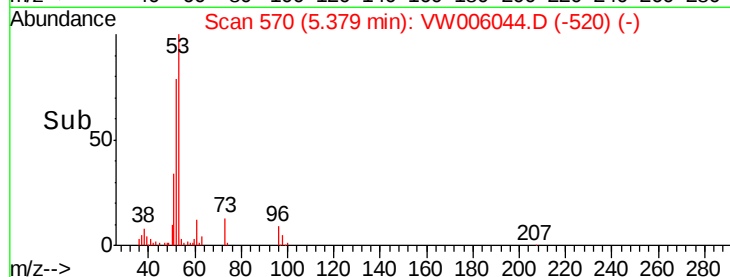
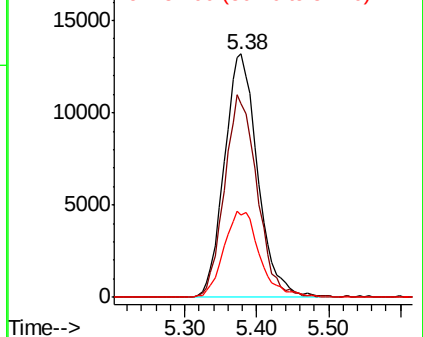
53 100

52 81.1 66.8 100.2

51 37.9 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 105.995 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006044.D

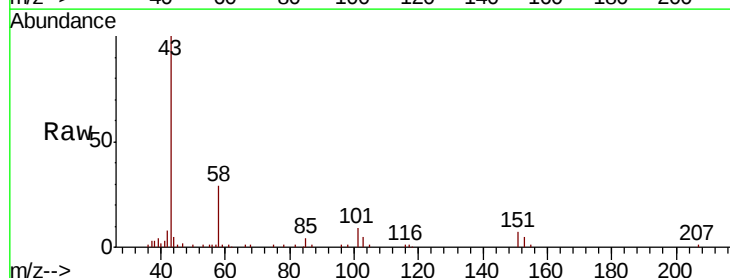
Acq: 12 Oct 2018 12:49

Tgt Ion: 43 Resp: 50303

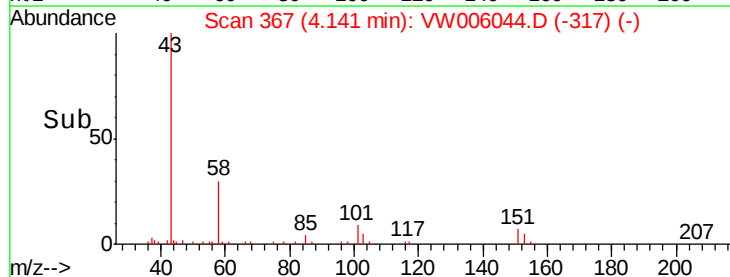
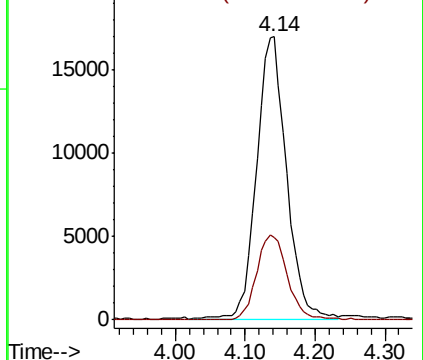
Ion Ratio Lower Upper

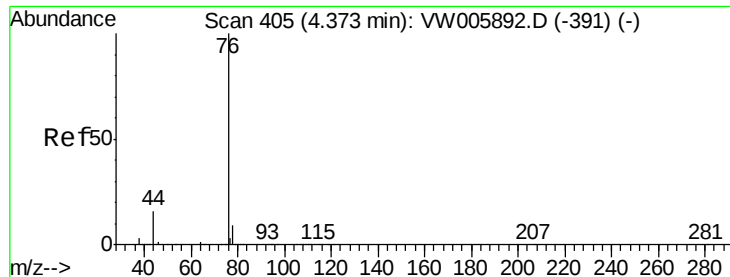
43 100

58 29.3 24.7 37.1



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

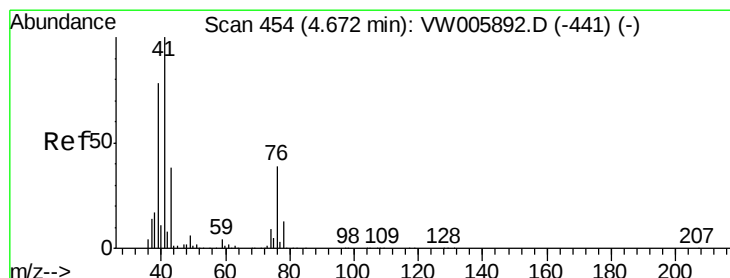
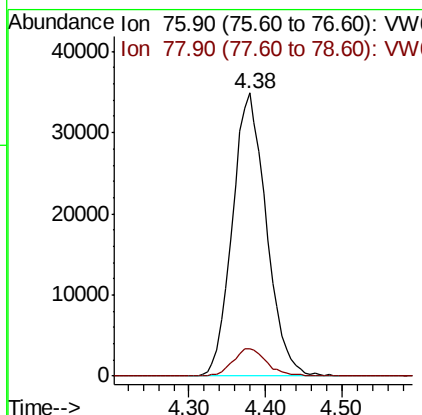
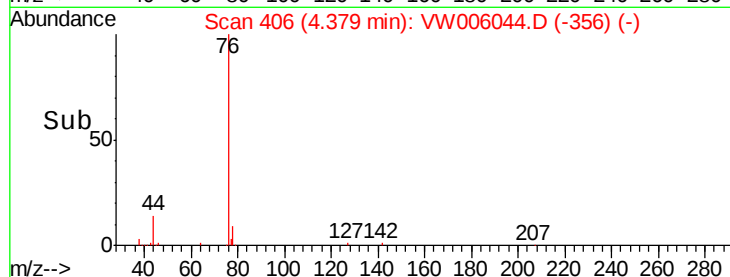
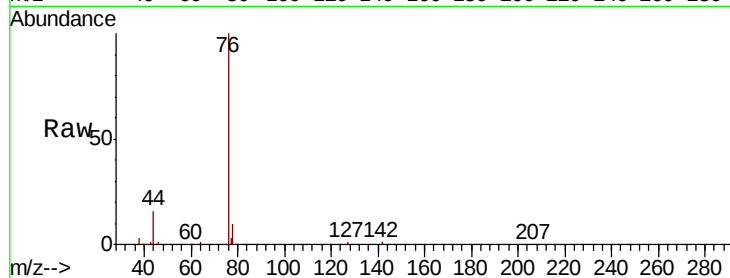




#17
Carbon Disulfide
Concen: 16.502 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

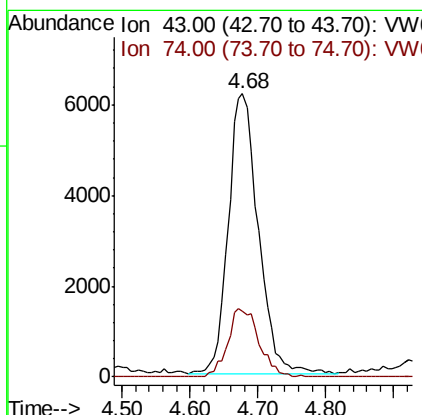
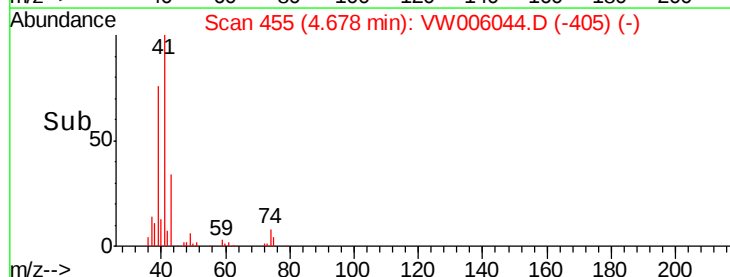
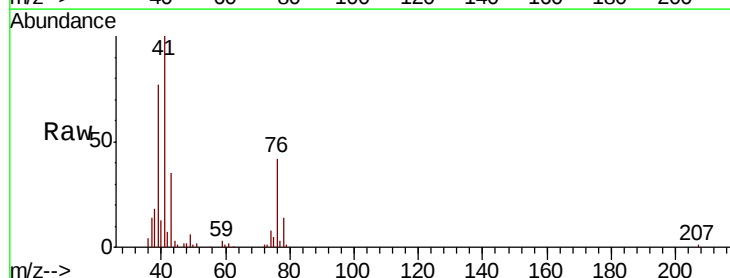
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

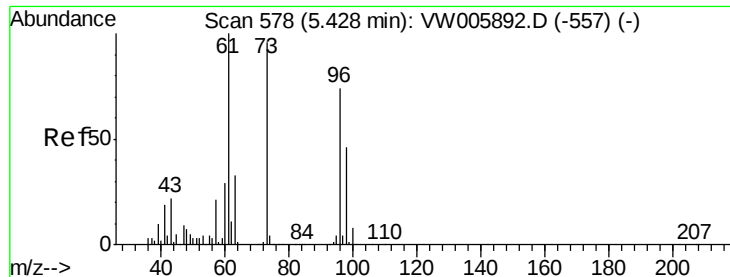
Tgt Ion: 76 Resp: 107490
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 15.872 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 43 Resp: 19008
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8



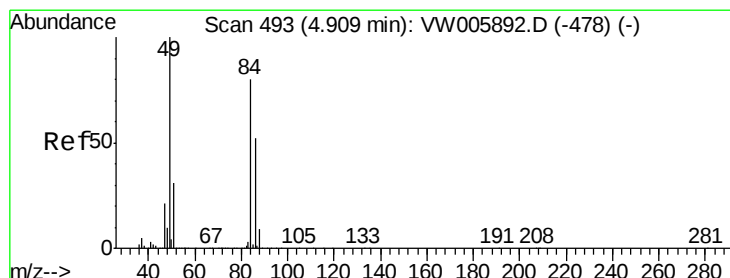
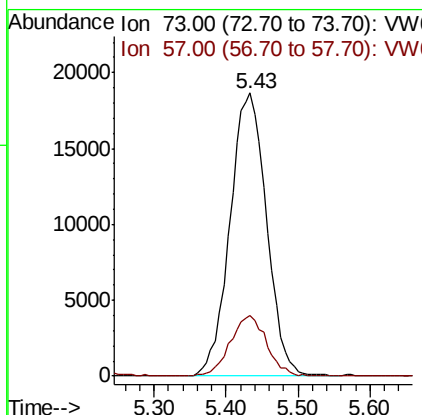
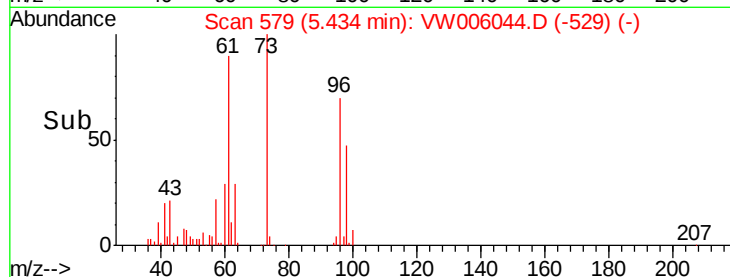
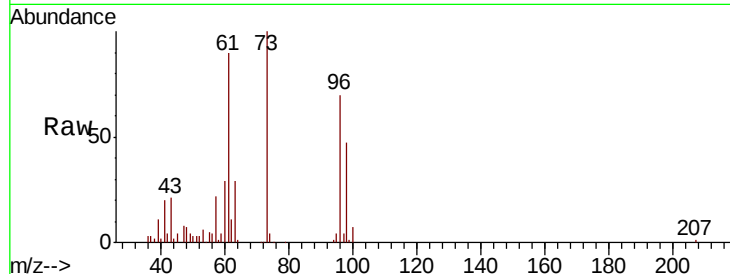


#19

Methyl tert-butyl Ether
 Concen: 19.607 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

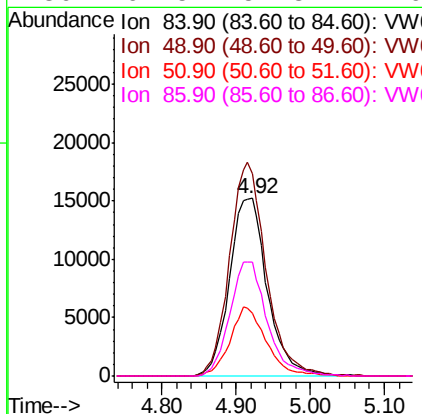
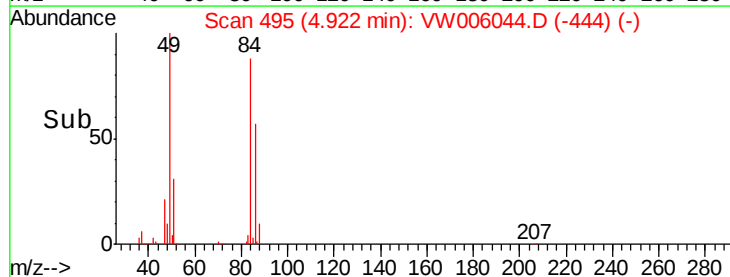
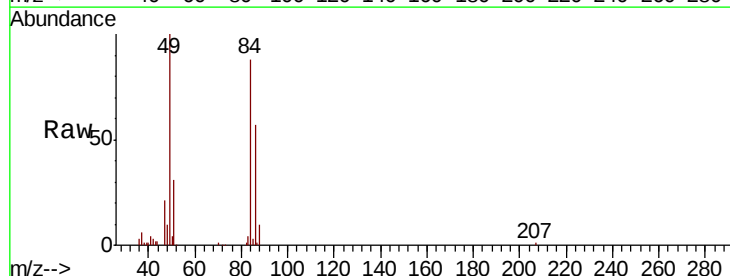
Tgt Ion: 73 Resp: 65720
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

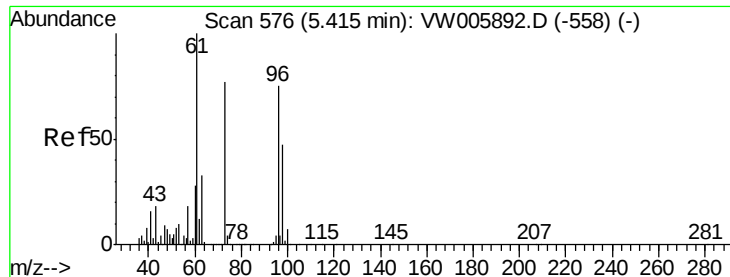


#20

Methylene Chloride
 Concen: 22.773 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 84 Resp: 54147
 Ion Ratio Lower Upper
 84 100
 49 113.7 99.9 149.9
 51 35.7 31.1 46.7
 86 64.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.238 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

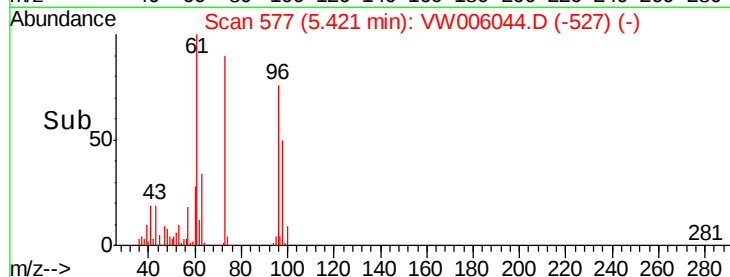
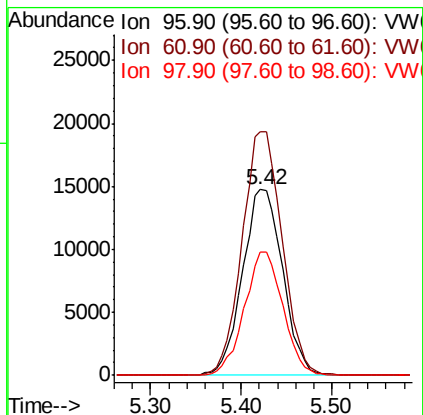
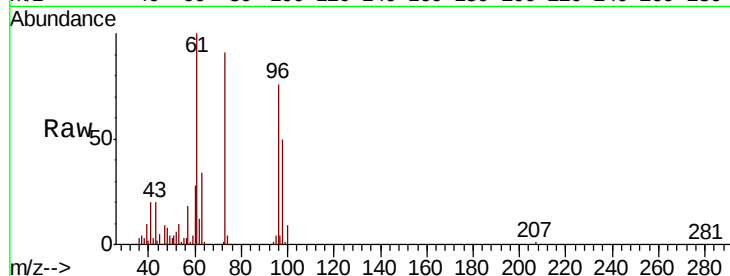
Tgt Ion: 96 Resp: 45175

Ion Ratio Lower Upper

96 100

61 131.1 107.4 161.0

98 66.2 50.8 76.2



#22

Diisopropyl ether

Concen: 17.913 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Tgt Ion: 45 Resp: 123035

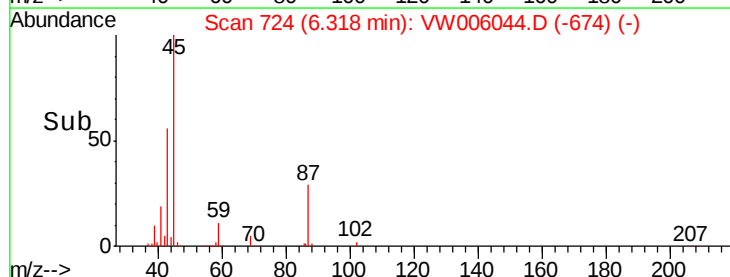
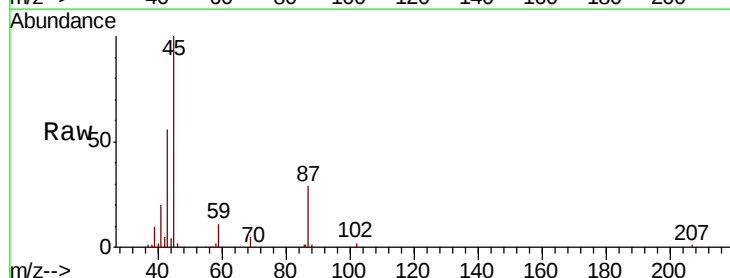
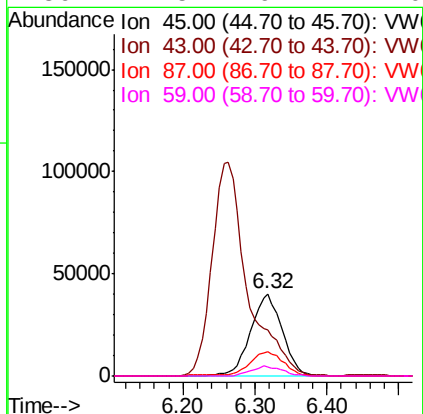
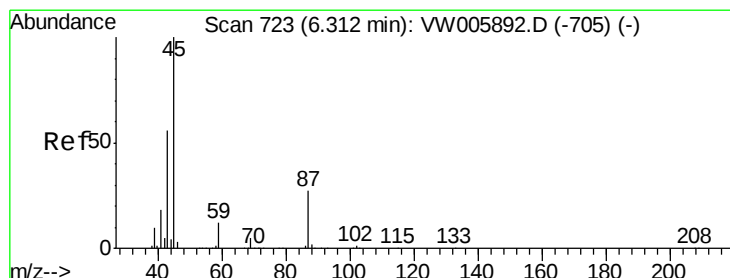
Ion Ratio Lower Upper

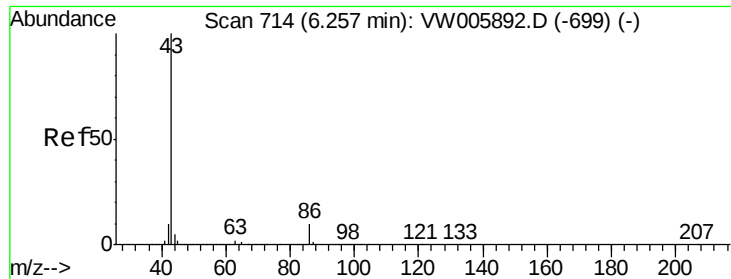
45 100

43 55.6 45.9 68.9

87 29.2 22.2 33.4

59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 84.654 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

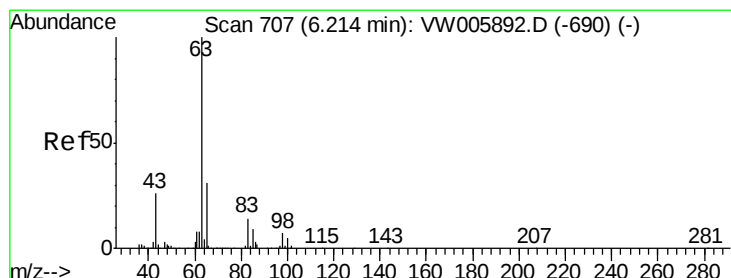
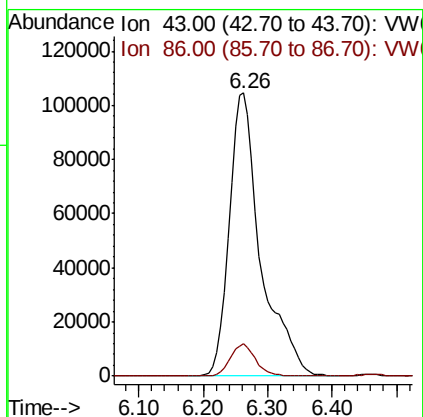
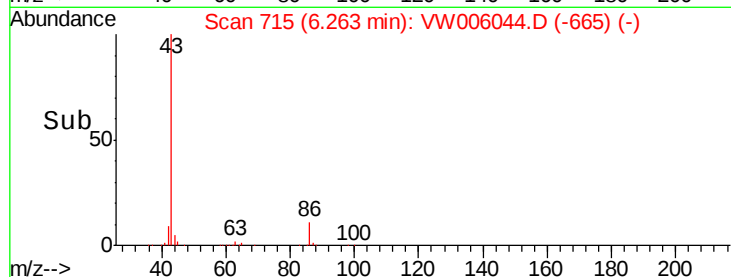
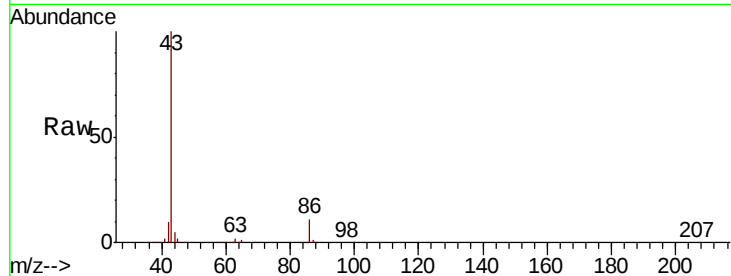
VW1013SBSD01

Tgt Ion: 43 Resp: 357867

Ion Ratio Lower Upper

43 100

86 11.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 18.258 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

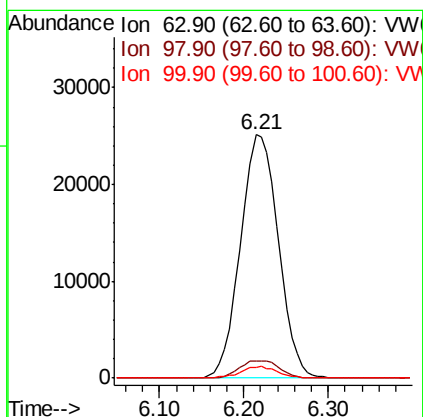
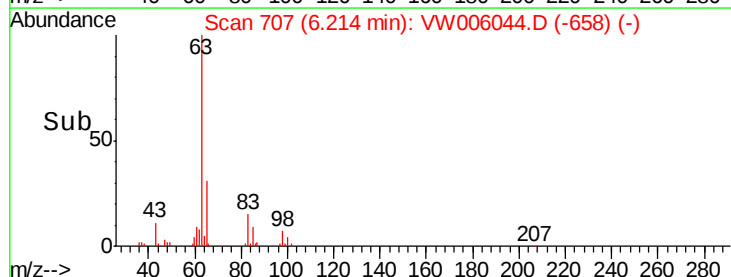
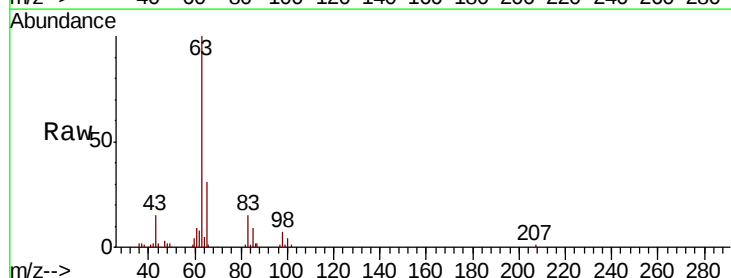
Tgt Ion: 63 Resp: 76742

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 93.395 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampled :

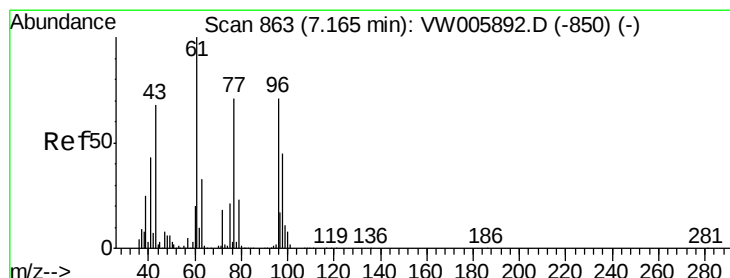
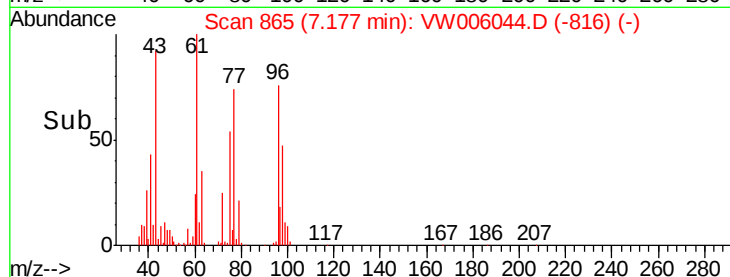
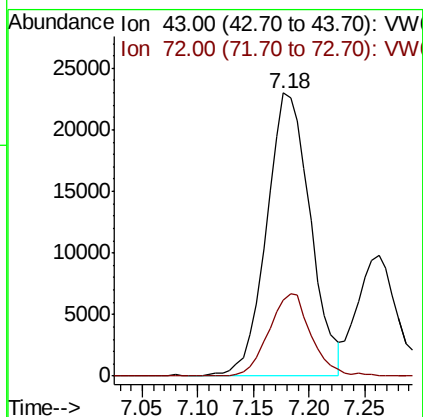
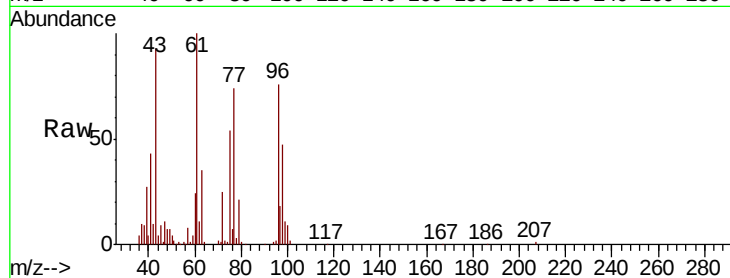
VW1013SBSD01

Tgt Ion: 43 Resp: 63042

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.445 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW006044.D

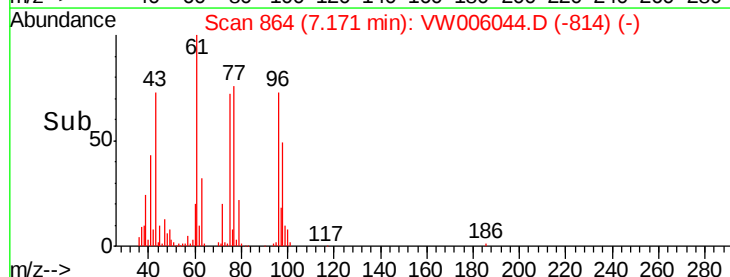
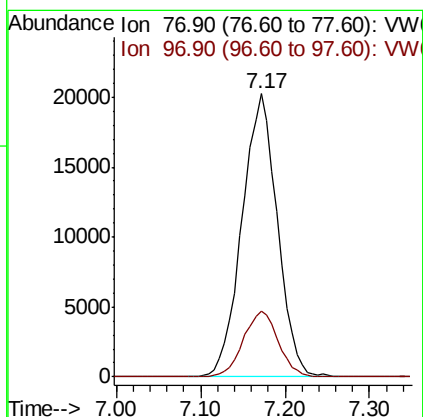
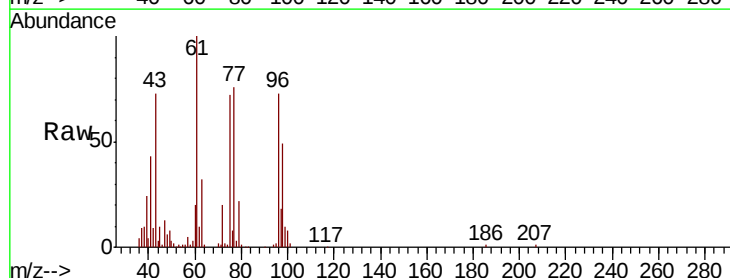
Acq: 12 Oct 2018 12:49

Tgt Ion: 77 Resp: 57519

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.7



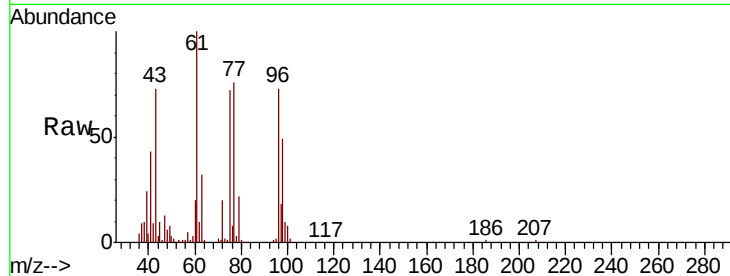


#27

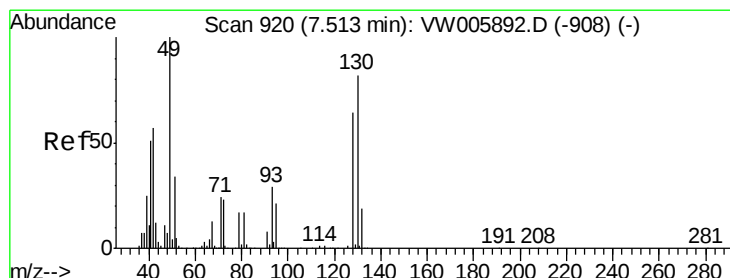
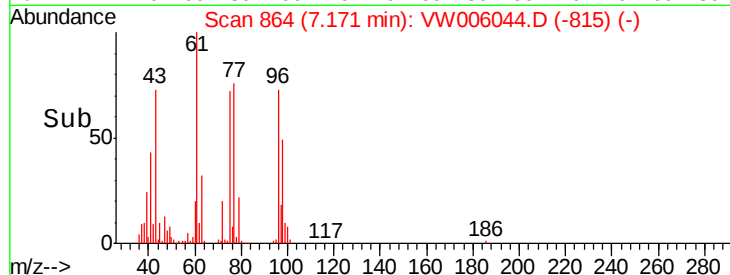
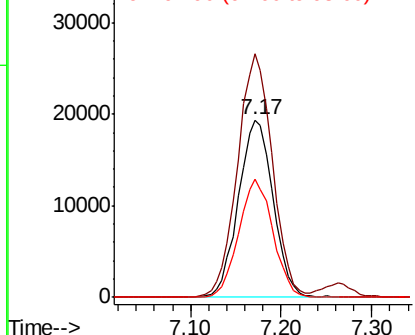
cis-1,2-Dichloroethene
Concen: 19.306 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Instrument :
MSVOA_W
ClientSampled :
VW1013SBS01

Tgt Ion: 96 Resp: 51271
Ion Ratio Lower Upper
96 100
61 138.2 0.0 284.0
98 65.6 0.0 129.8



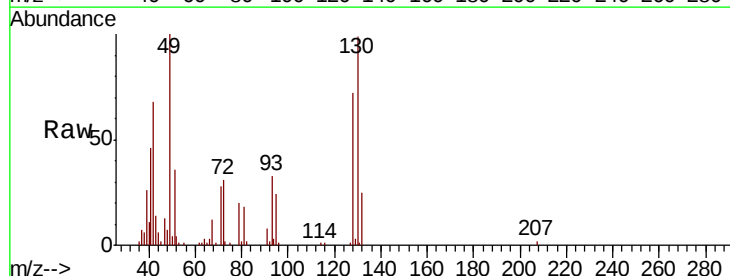
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



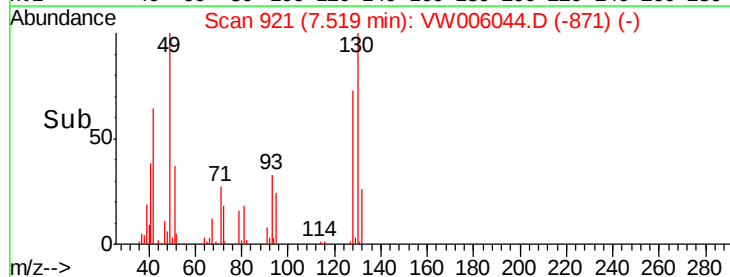
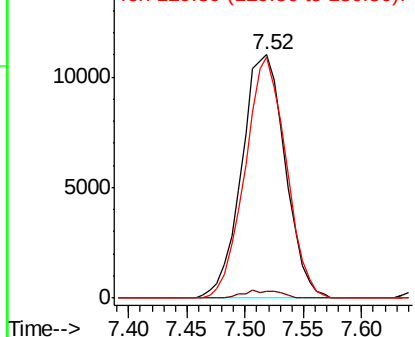
#28

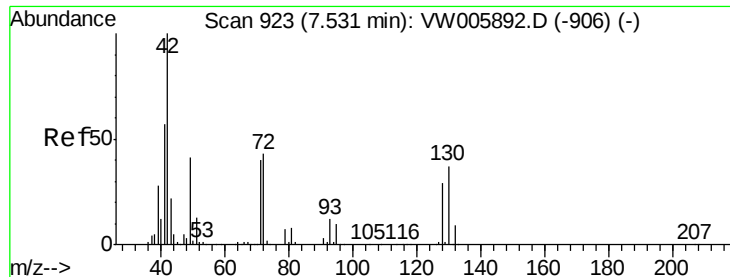
Bromochloromethane
Concen: 18.408 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 49 Resp: 28559
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 93.2 66.9 100.3



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

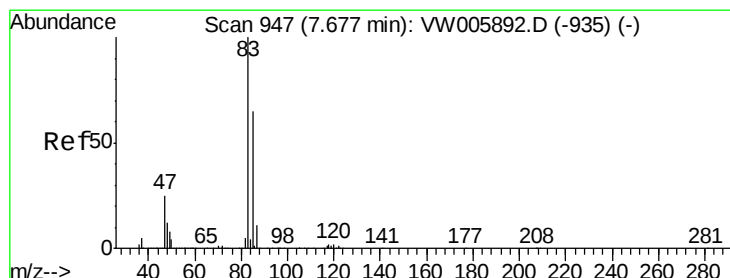
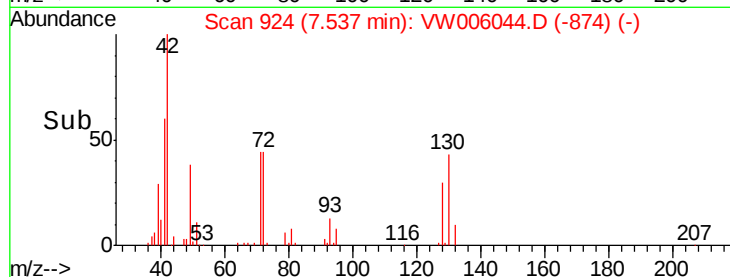
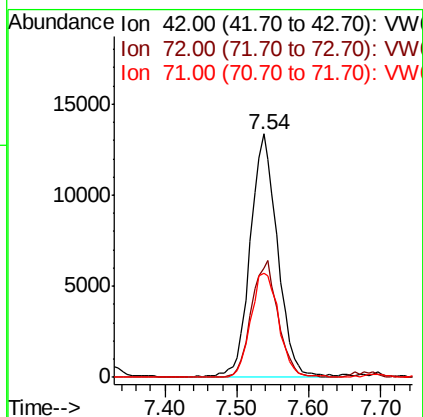
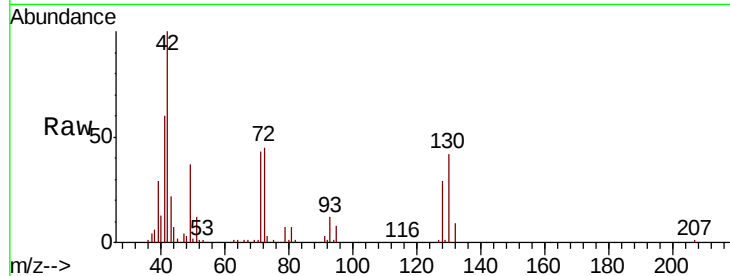




#29
Tetrahydrofuran
Concen: 82.500 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

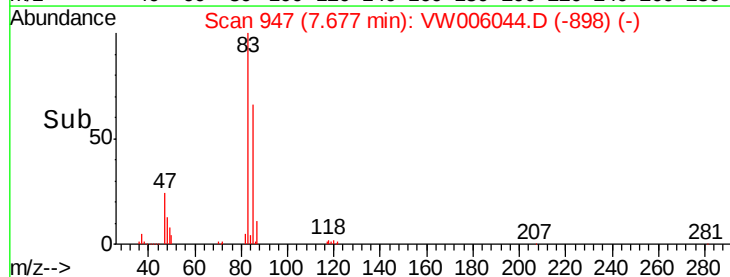
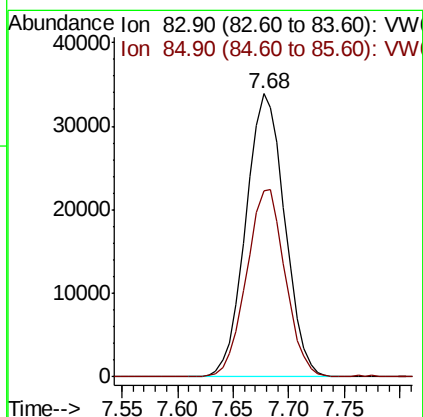
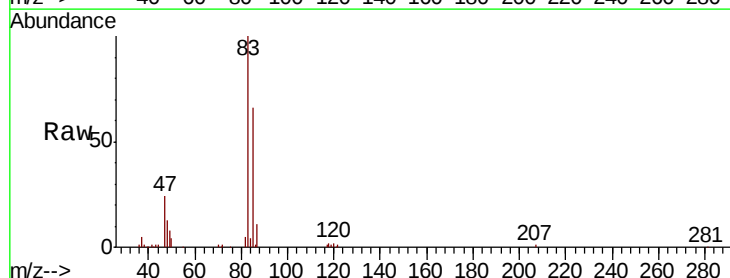
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

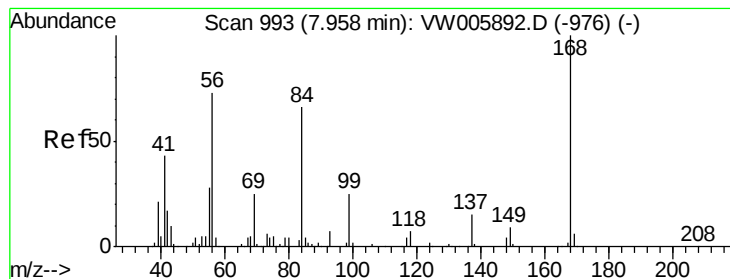
Tgt Ion: 42 Resp: 35203
Ion Ratio Lower Upper
42 100
72 46.9 34.6 51.8
71 44.0 32.6 49.0



#30
Chloroform
Concen: 19.145 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 83 Resp: 82657
Ion Ratio Lower Upper
83 100
85 65.6 51.6 77.4





#31

Cyclohexane

Concen: 17.456 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

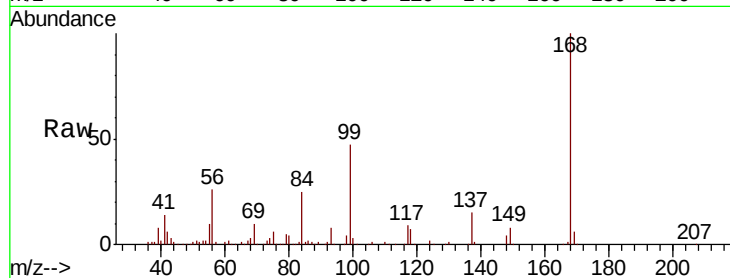
Tgt Ion: 56 Resp: 72608

Ion Ratio Lower Upper

56 100

69 38.3 27.9 41.9

84 96.9 72.3 108.5

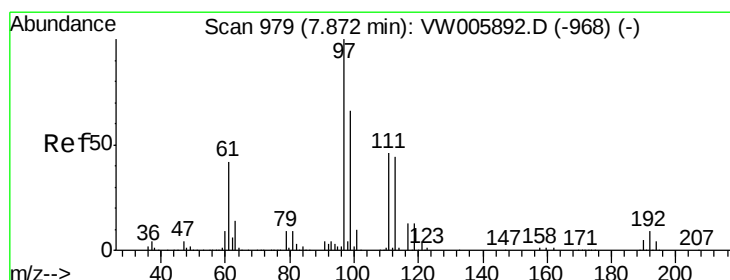
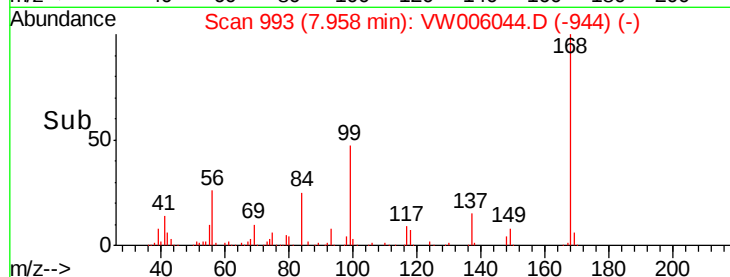
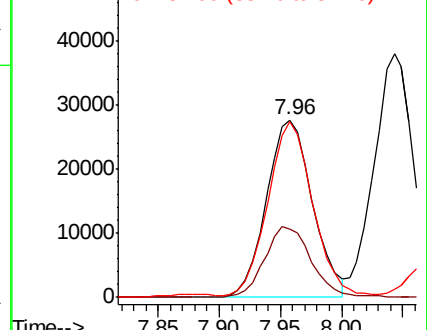


Abundance

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: 19.234 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

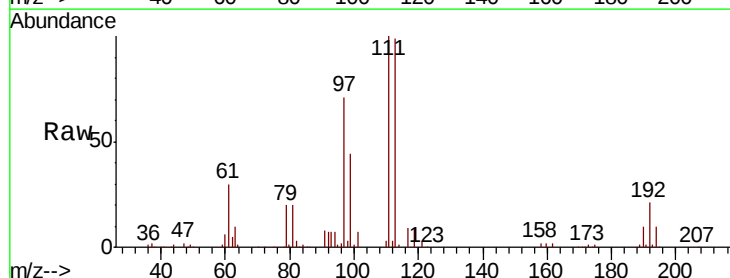
Tgt Ion: 97 Resp: 73950

Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 43.3 34.5 51.7

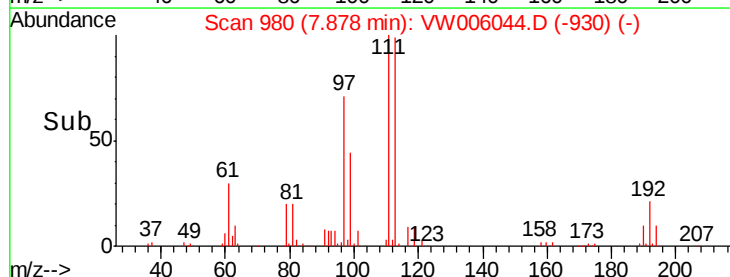
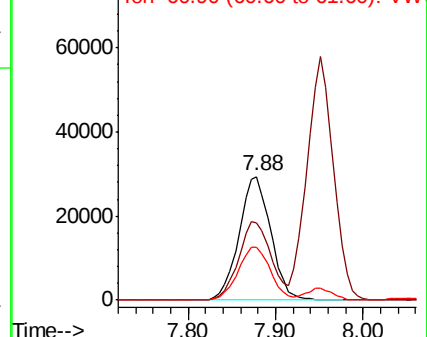


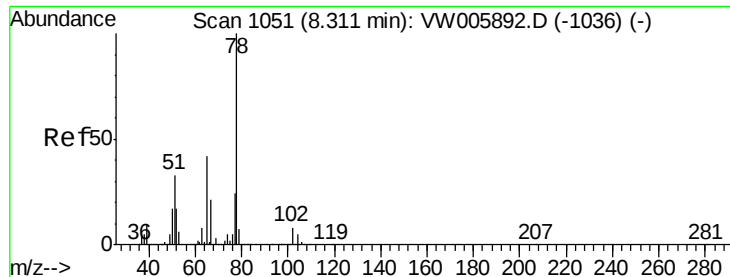
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

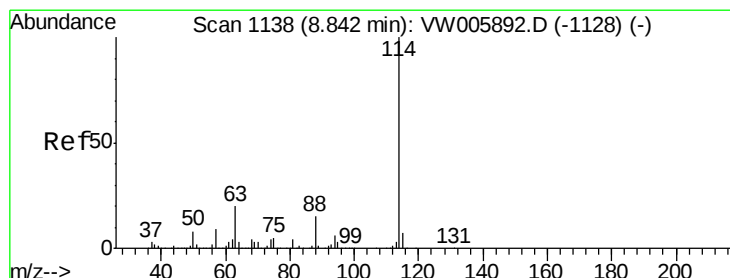
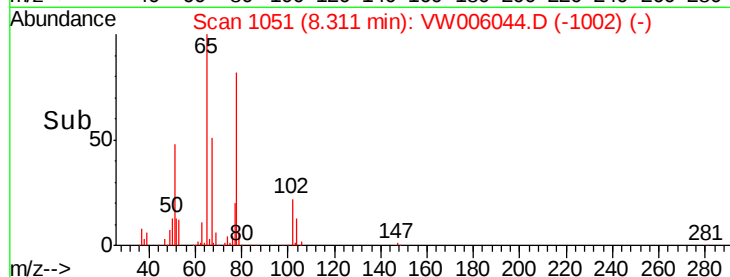
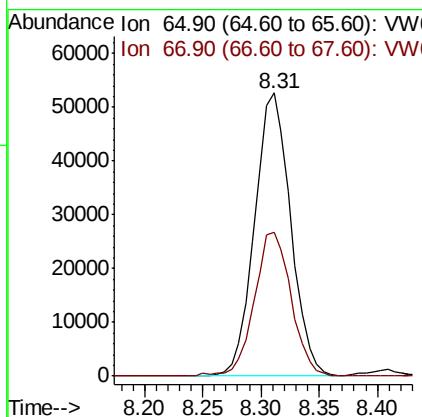
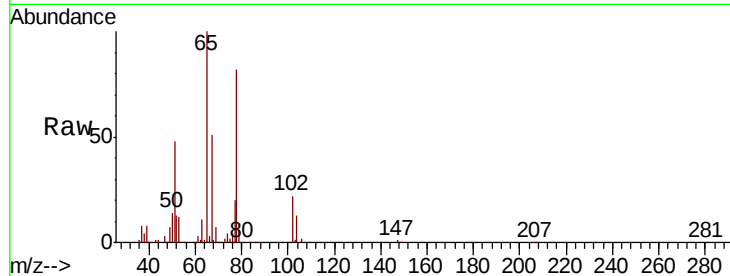




#33
 1,2-Dichloroethane-d4
 Concen: 47.941 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

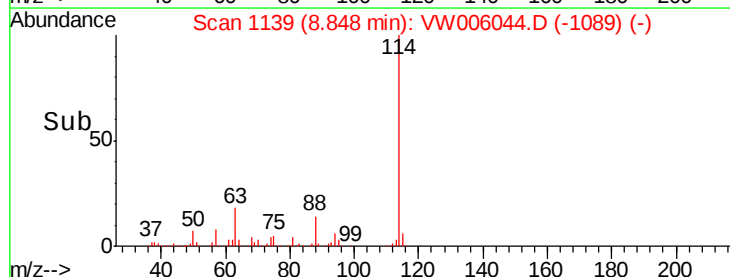
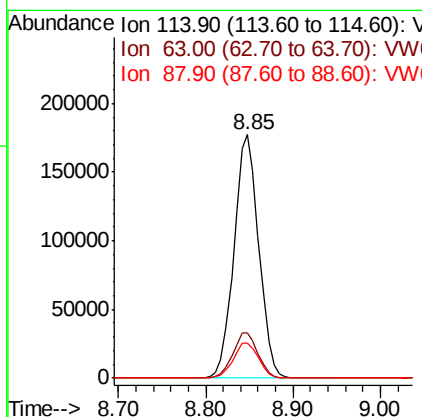
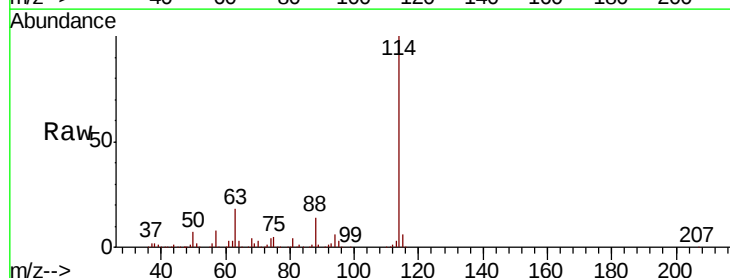
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

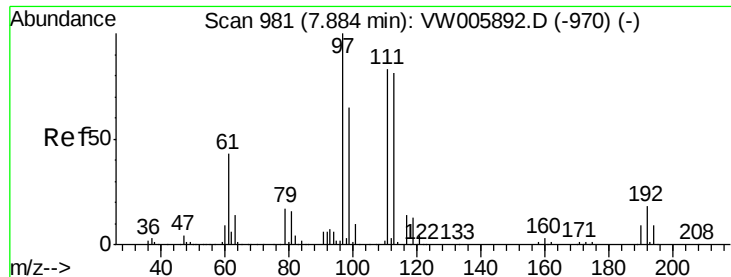
Tgt Ion: 65 Resp: 113905
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 114 Resp: 348009
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 14.4 0.0 30.8

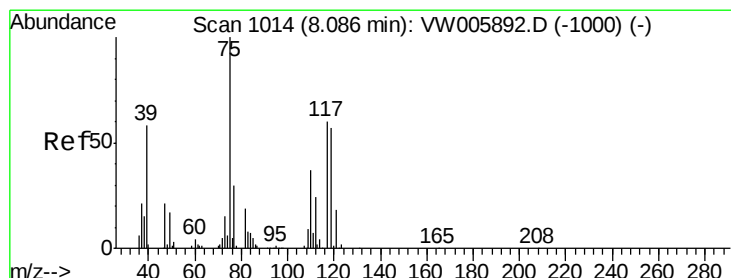
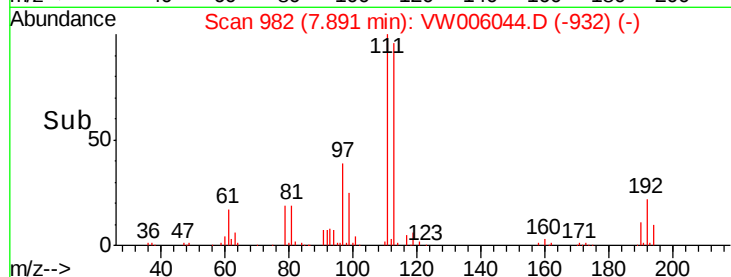
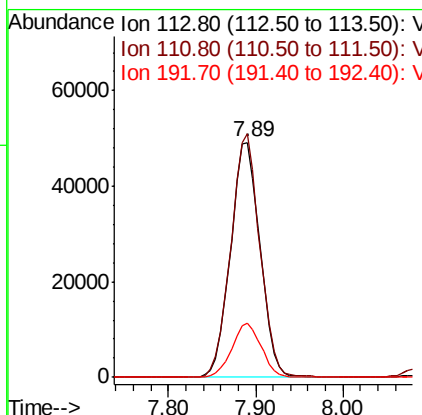
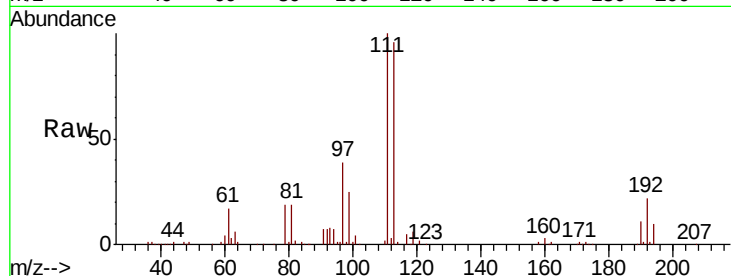




#35
 Dibromofluoromethane
 Concen: 52.005 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

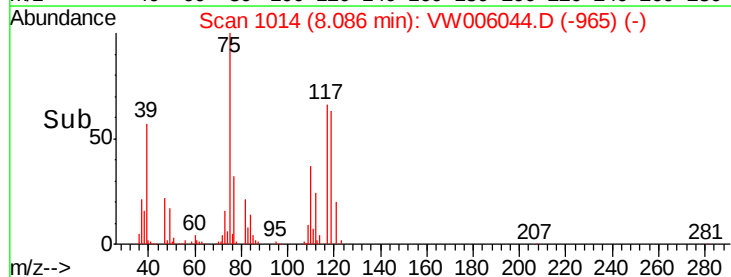
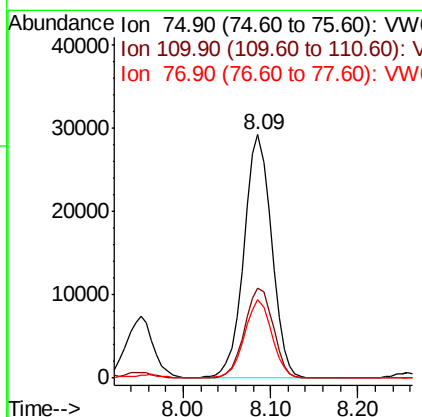
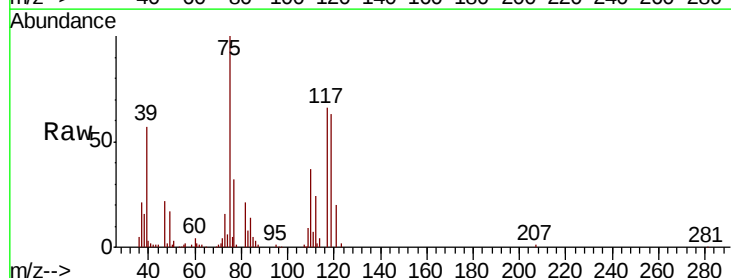
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion:113 Resp: 115549
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 22.8 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 19.355 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 75 Resp: 64542
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.6 56.0
 77 31.8 24.7 37.1

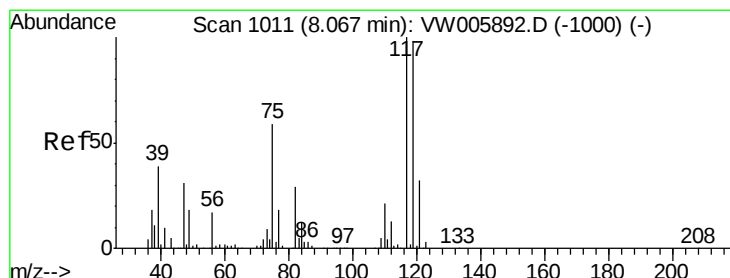
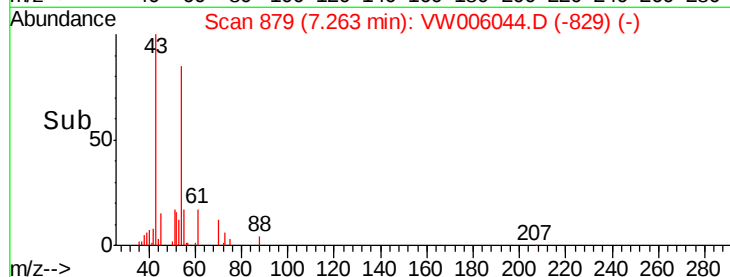
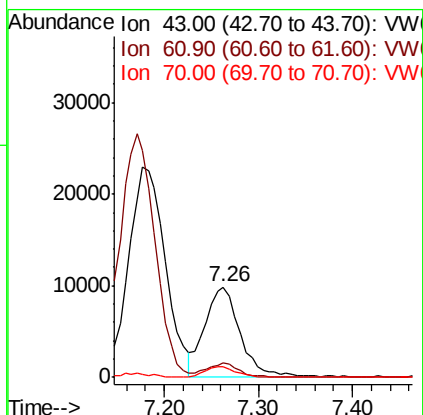
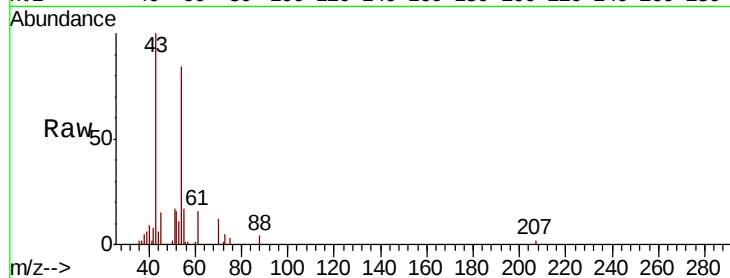




#37
Ethyl Acetate
Concen: 17.772 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

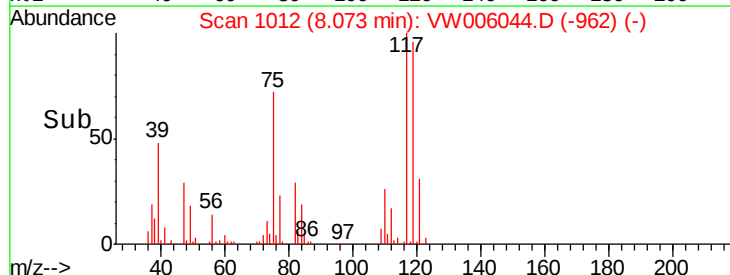
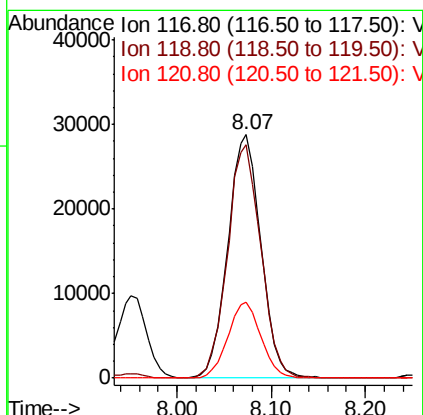
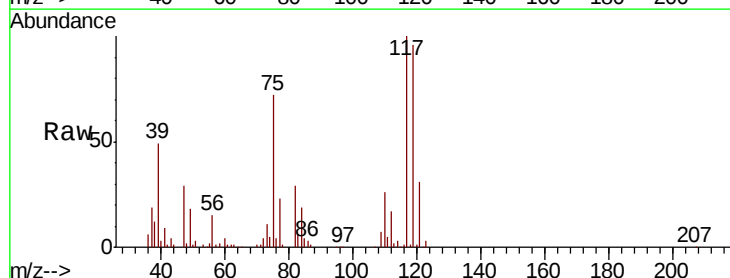
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

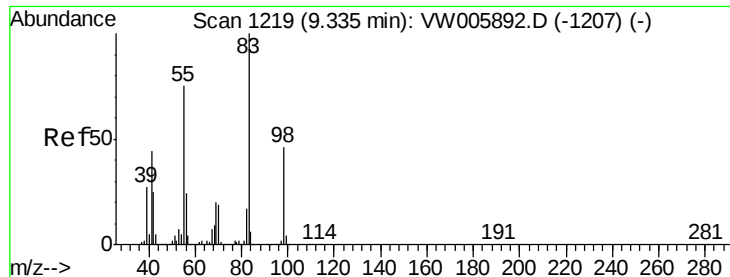
Tgt Ion: 43 Resp: 25096
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.638 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 117 Resp: 70356
Ion Ratio Lower Upper
117 100
119 95.9 78.6 117.8
121 31.0 25.3 37.9

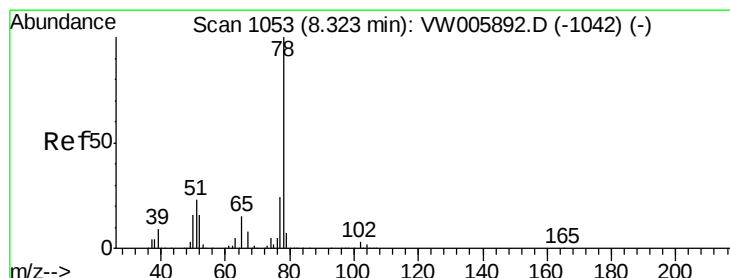
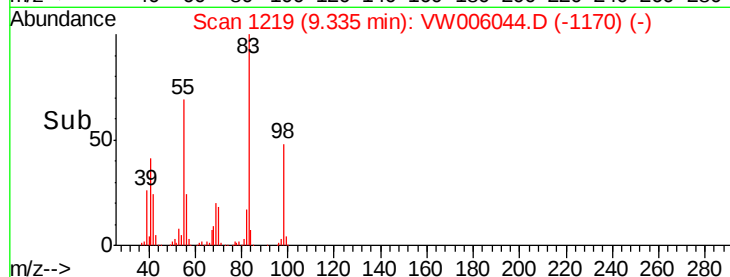
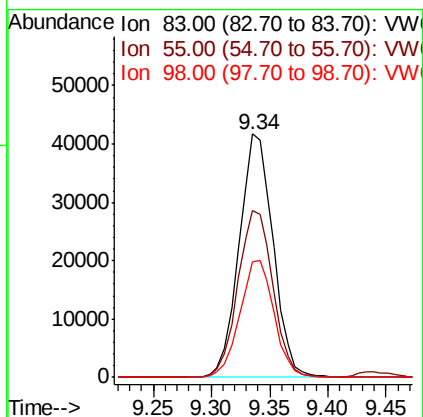
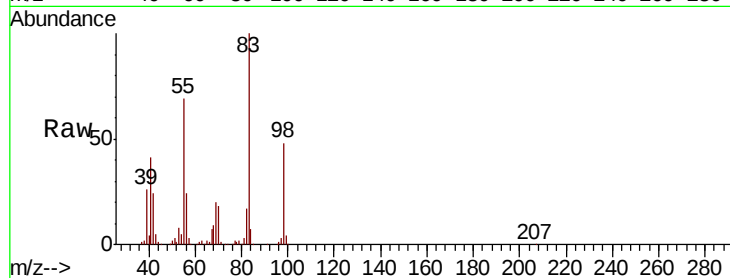




#39
Methylcyclohexane
Concen: 19.300 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

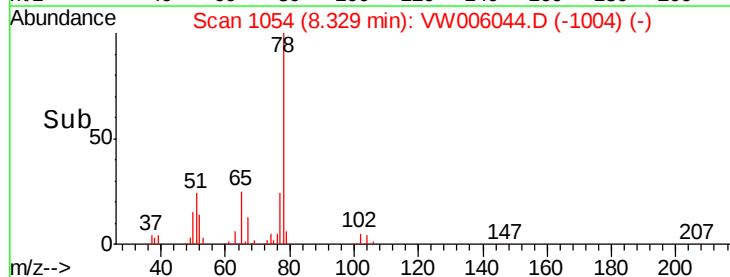
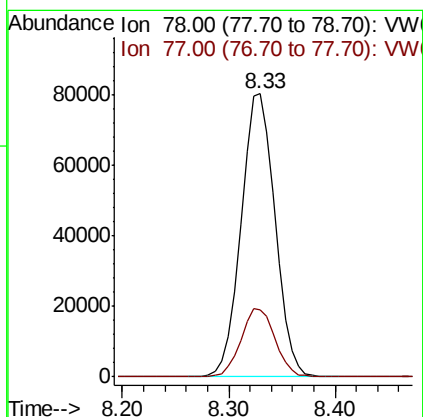
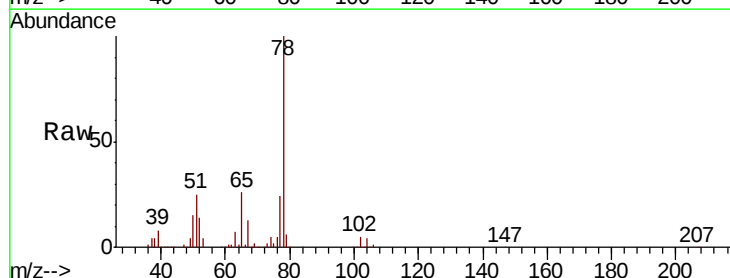
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

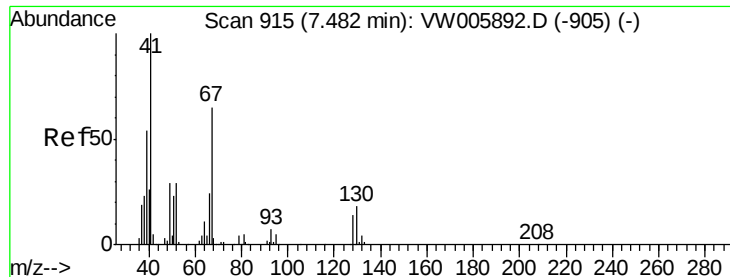
Tgt Ion: 83 Resp: 84884
Ion Ratio Lower Upper
83 100
55 68.8 59.8 89.6
98 47.7 37.1 55.7



#40
Benzene
Concen: 19.685 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 78 Resp: 179656
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 17.579 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

Tgt Ion: 41 Resp: 15541

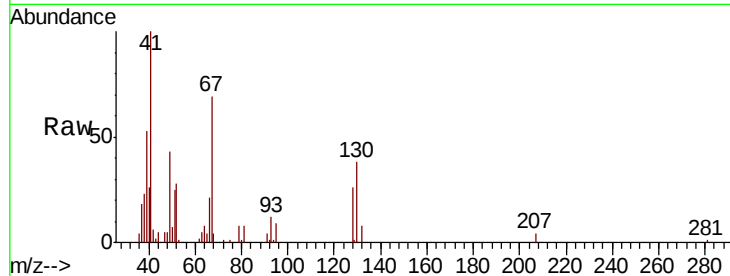
Ion Ratio Lower Upper

41 100

39 57.7 45.0 67.4

67 72.8 55.8 83.8

52 30.7 25.3 37.9

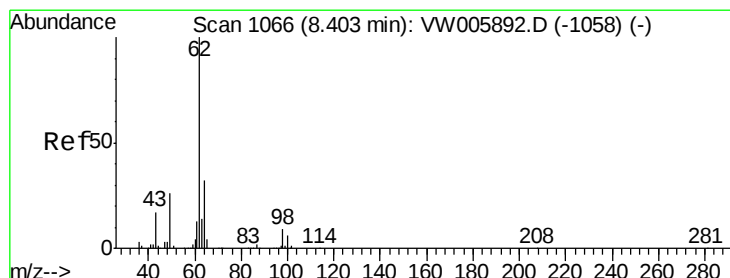
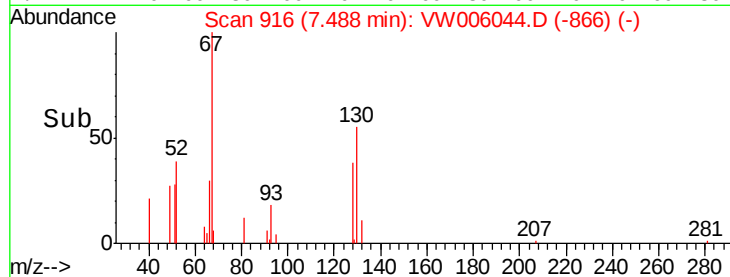
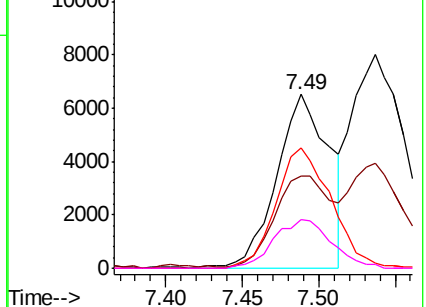


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.162 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006044.D

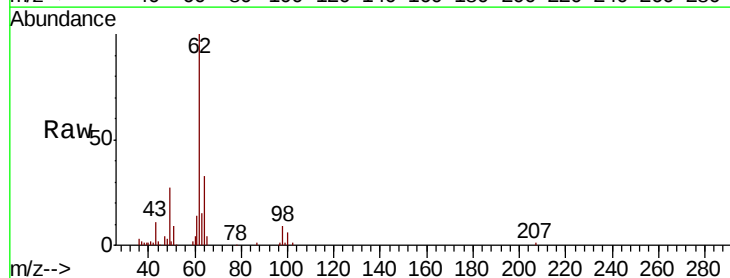
Acq: 12 Oct 2018 12:49

Tgt Ion: 62 Resp: 52836

Ion Ratio Lower Upper

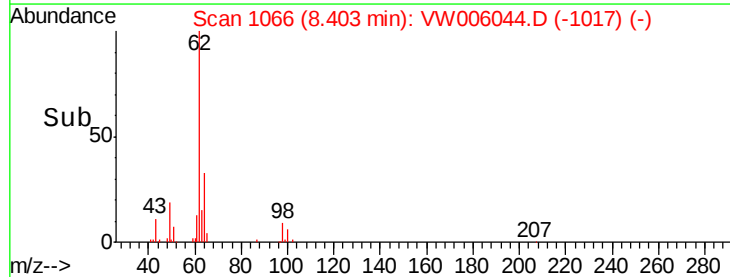
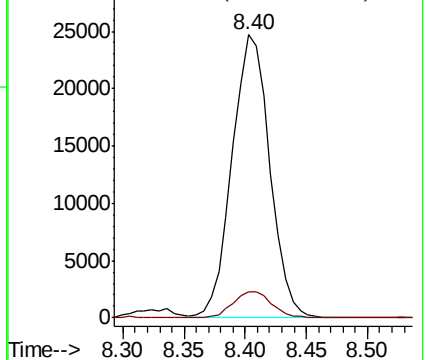
62 100

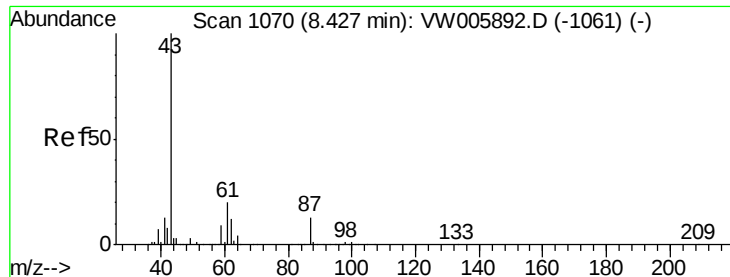
98 9.5 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 16.757 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

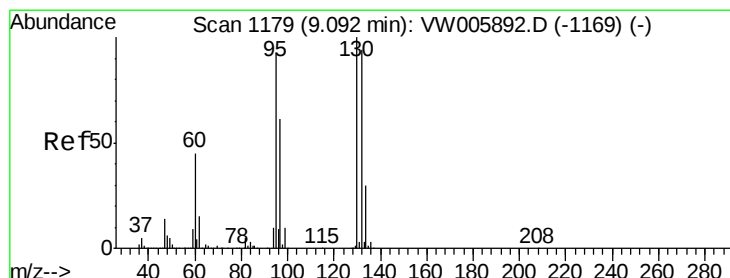
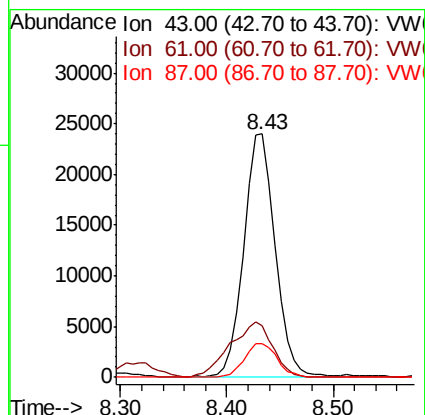
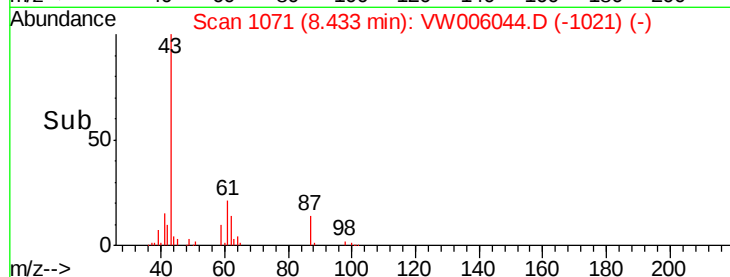
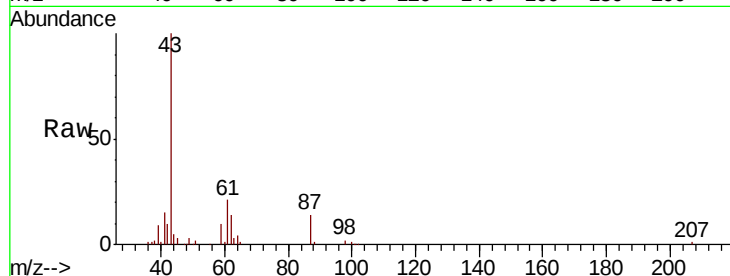
Tgt Ion: 43 Resp: 49431

Ion Ratio Lower Upper

43 100

61 31.0 23.1 34.7

87 14.6 10.7 16.1



#44

Trichloroethene

Concen: 20.319 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006044.D

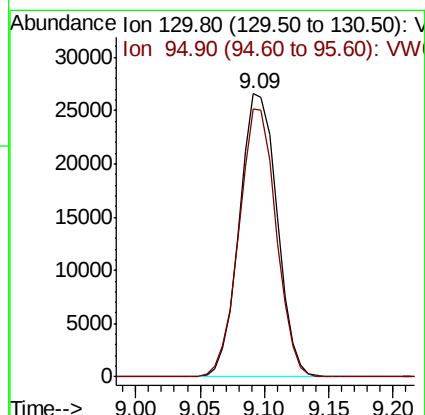
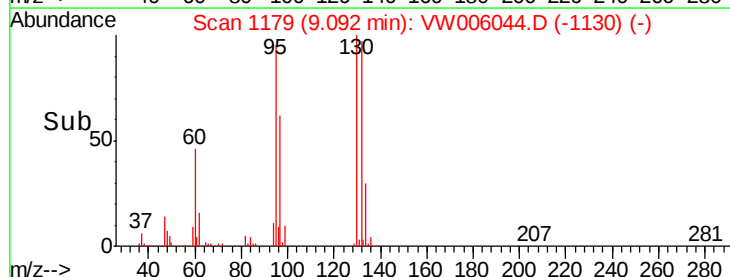
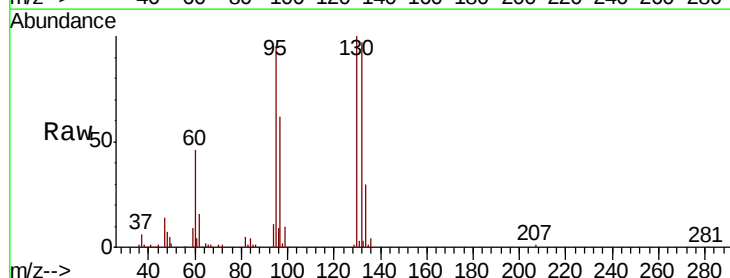
Acq: 12 Oct 2018 12:49

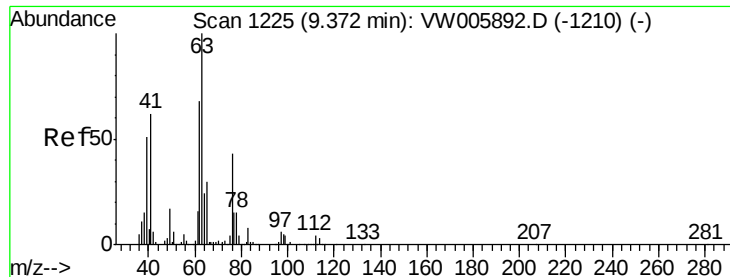
Tgt Ion: 130 Resp: 53806

Ion Ratio Lower Upper

130 100

95 94.9 0.0 185.6

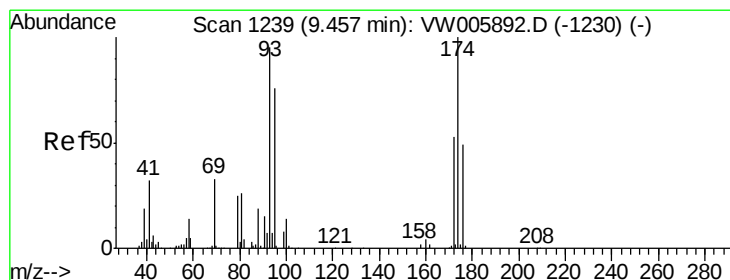
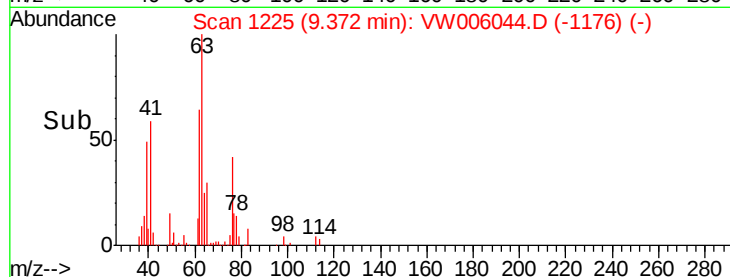
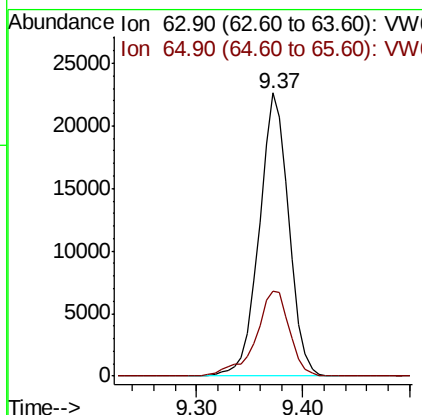
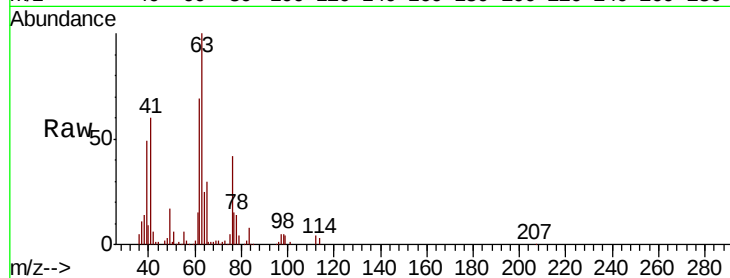




#45
 1,2-Dichloropropane
 Concen: 19.224 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

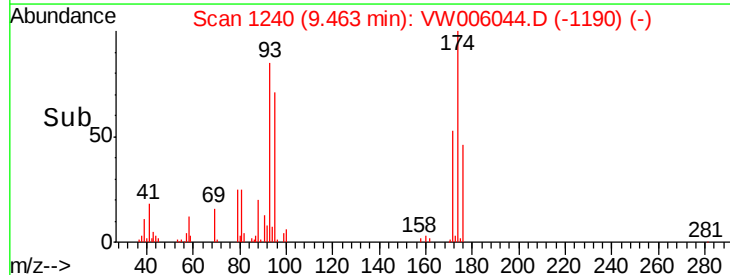
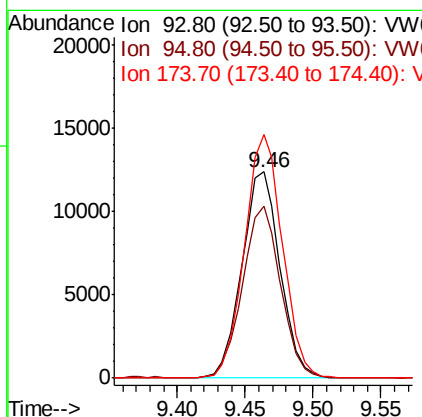
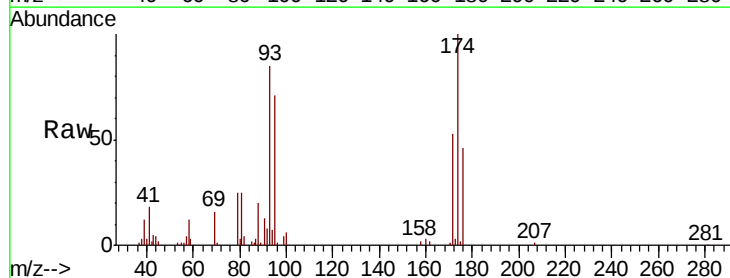
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

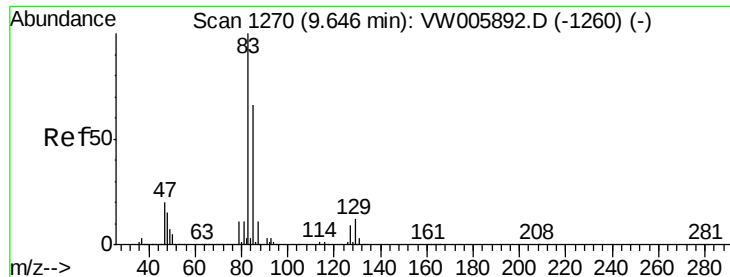
Tgt Ion: 63 Resp: 43917
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 19.279 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 93 Resp: 24206
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 99.8
 174 117.6 90.4 135.6





#47

Bromodichloromethane

Concen: 18.497 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

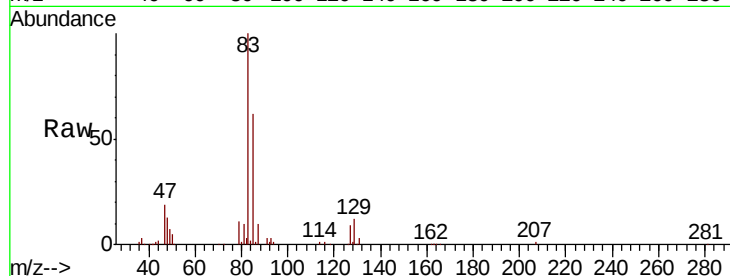
Tgt Ion: 83 Resp: 58444

Ion Ratio Lower Upper

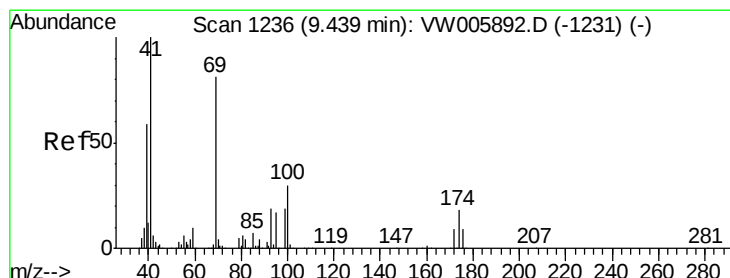
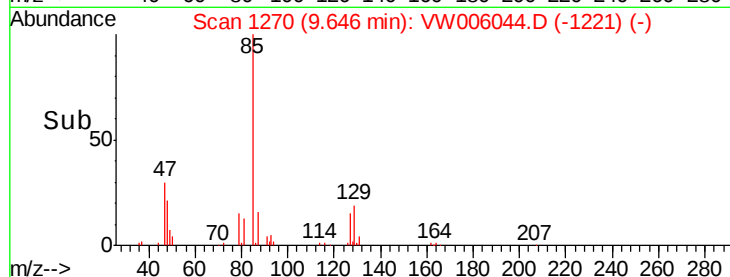
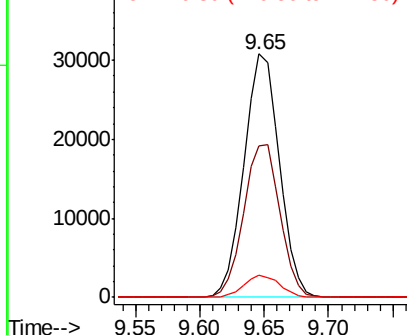
83 100

85 62.4 53.0 79.6

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 16.561 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

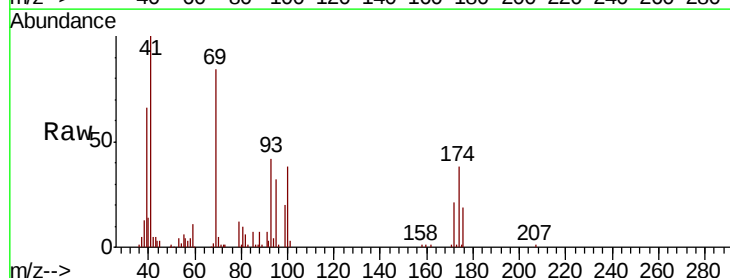
Tgt Ion: 41 Resp: 23272

Ion Ratio Lower Upper

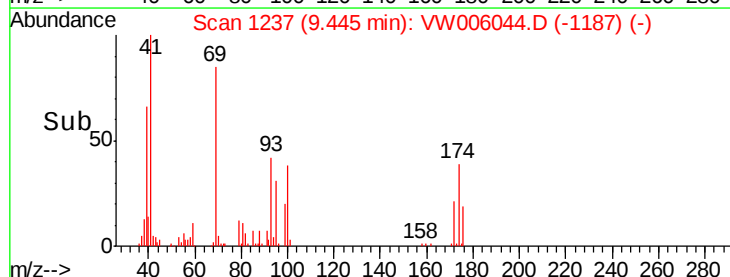
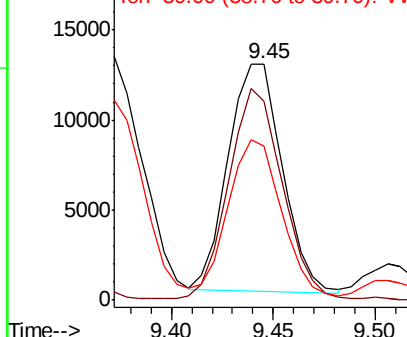
41 100

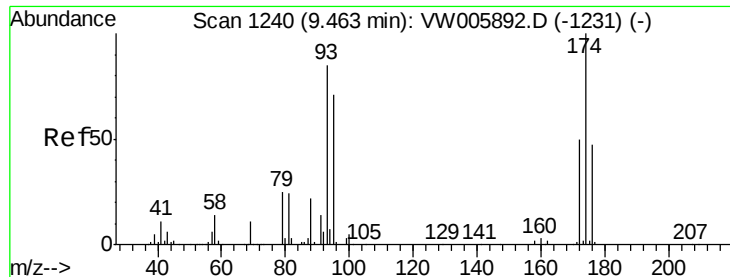
69 93.6 68.7 103.1

39 66.7 50.0 75.0



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

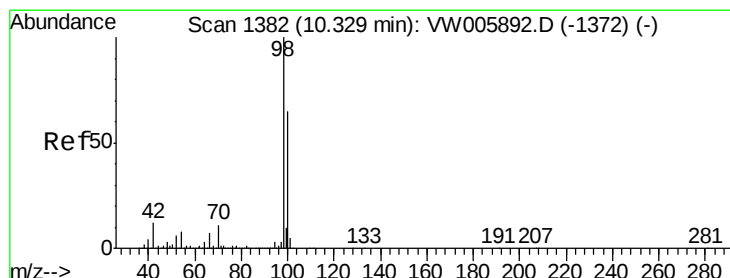
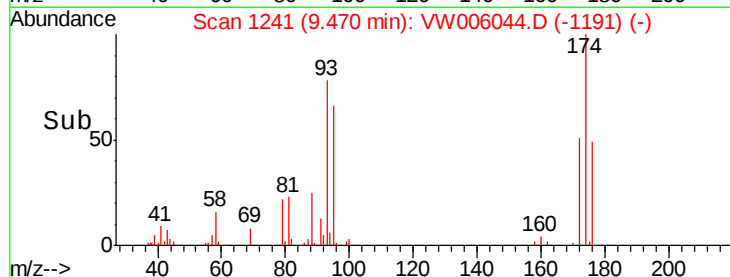
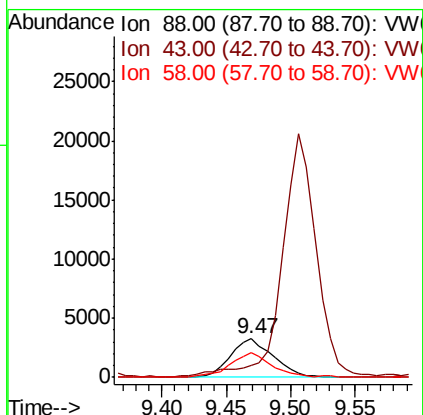
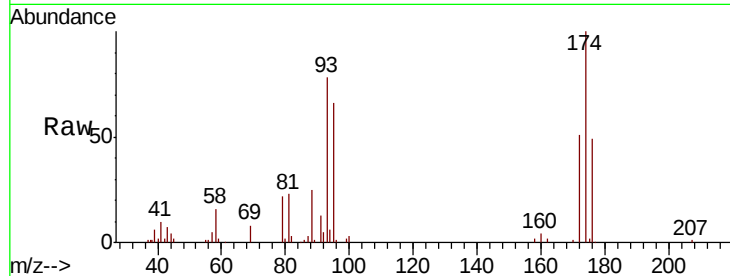




#49
1,4-Dioxane
Concen: 397.447 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

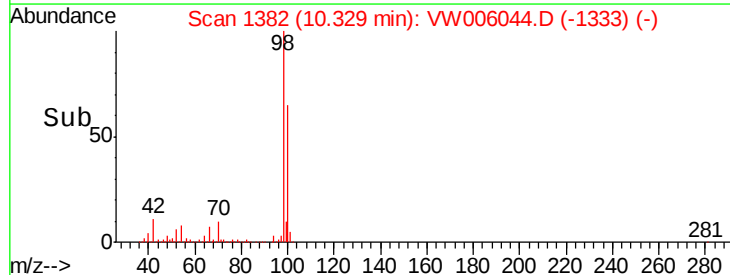
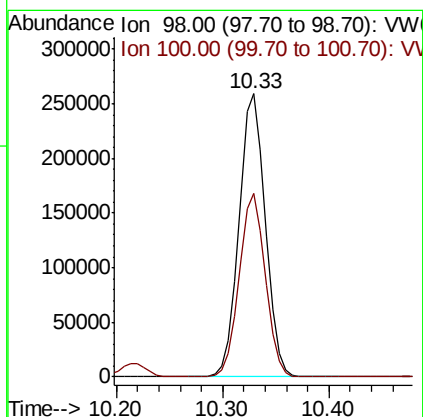
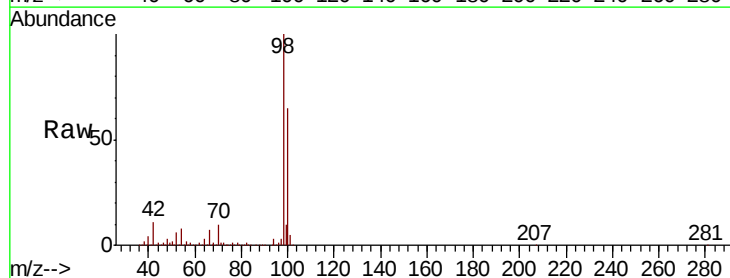
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

Tgt Ion: 88 Resp: 7580
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 63.0 57.7 86.5



#50
Toluene-d8
Concen: 52.564 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 98 Resp: 449350
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

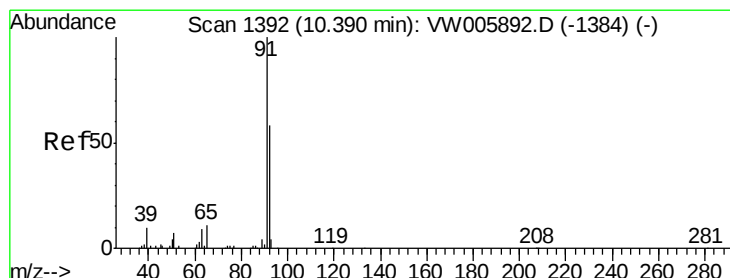
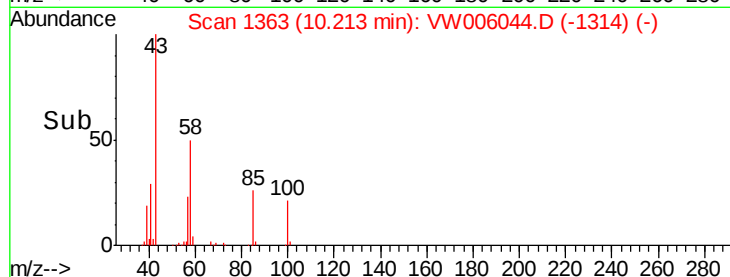
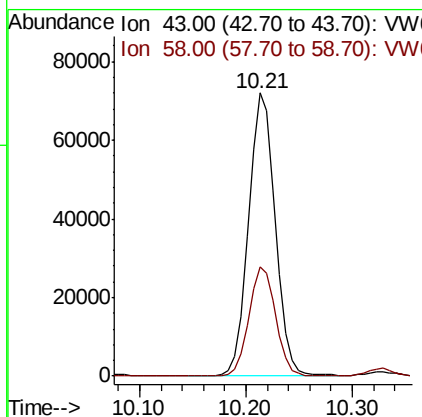
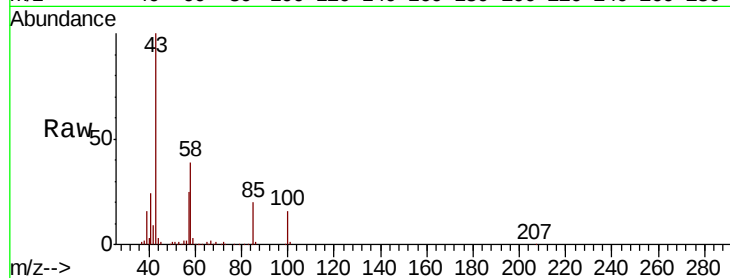




#51
 4-Methyl-2-Pentanone
 Concen: 88.176 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

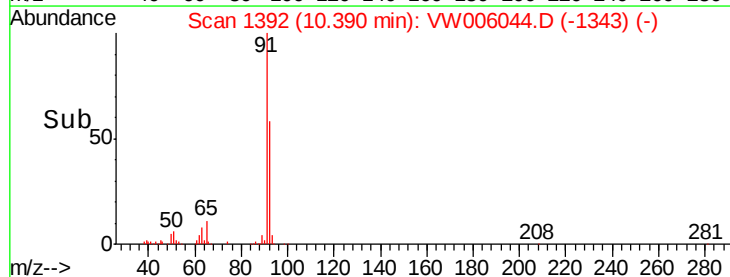
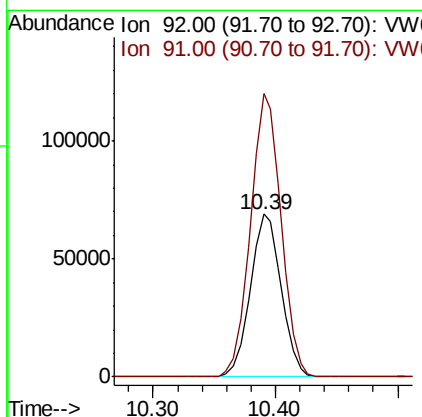
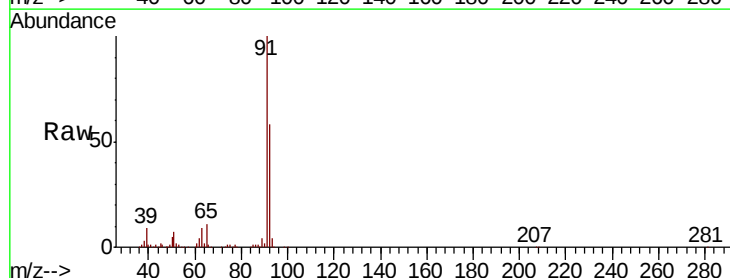
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

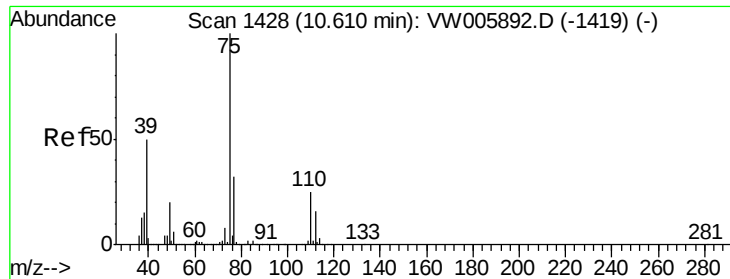
Tgt Ion: 43 Resp: 126659
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.2 45.4



#52
 Toluene
 Concen: 20.212 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 92 Resp: 121189
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.711 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

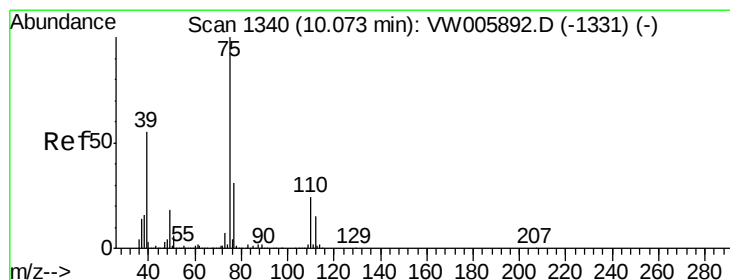
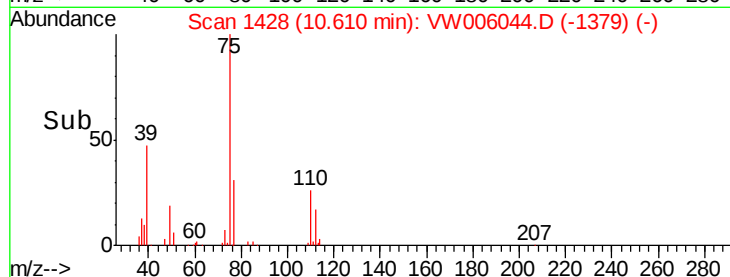
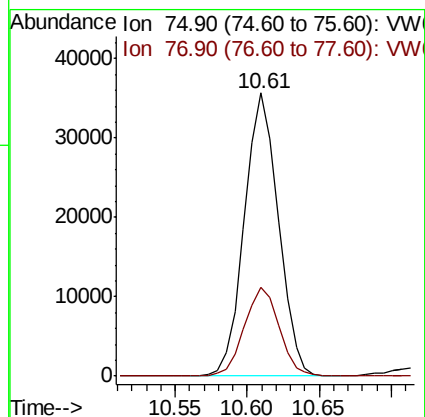
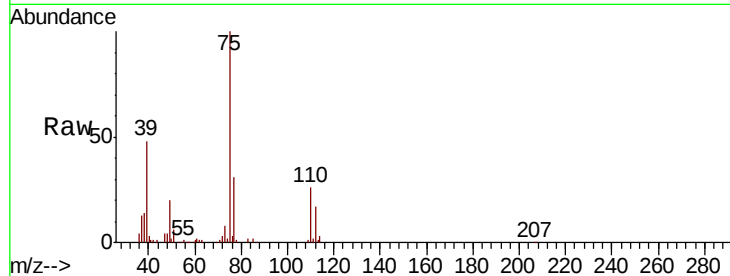
VW1013SBSD01

Tgt Ion: 75 Resp: 58480

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.915 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

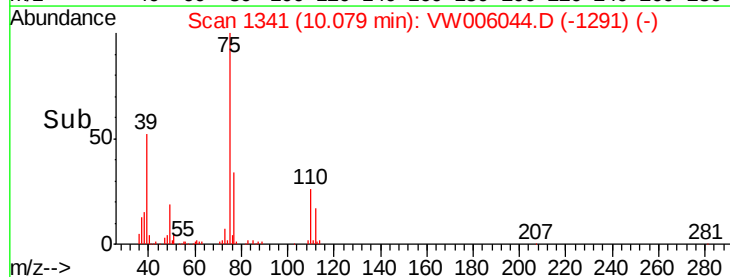
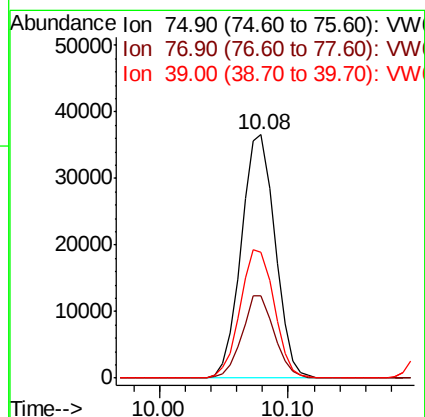
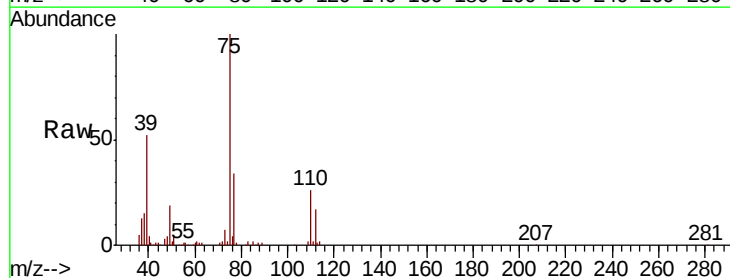
Tgt Ion: 75 Resp: 66494

Ion Ratio Lower Upper

75 100

77 33.7 24.6 37.0

39 51.7 44.2 66.4

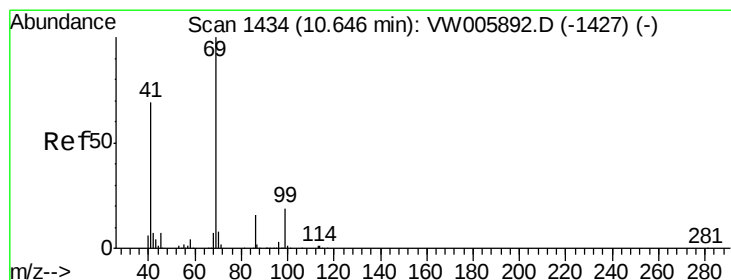
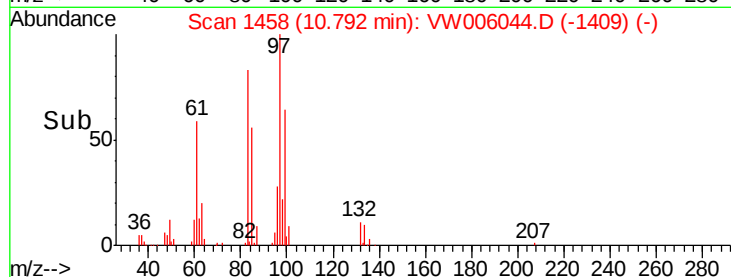
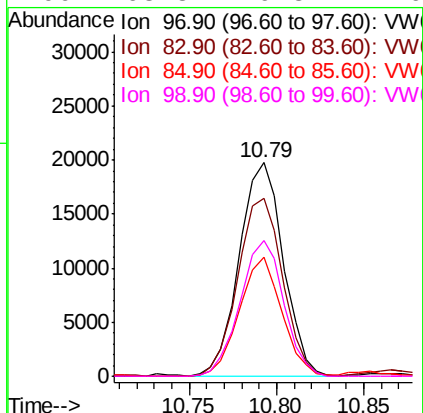
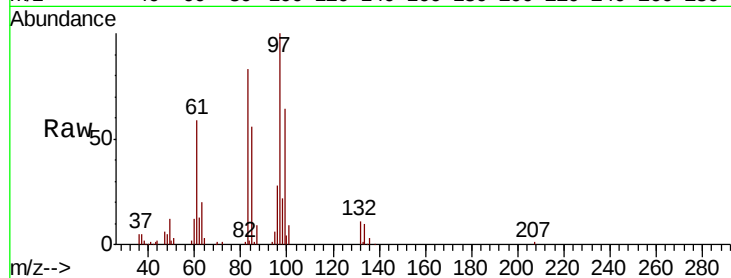




#55
 1,1,2-Trichloroethane
 Concen: 19.842 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

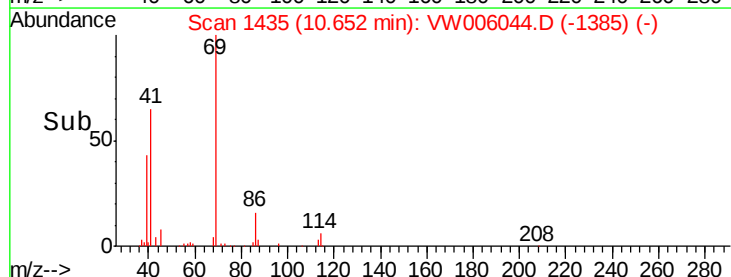
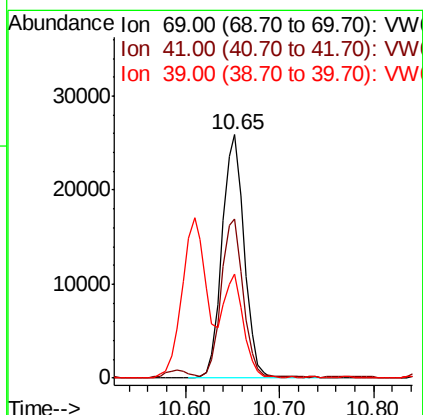
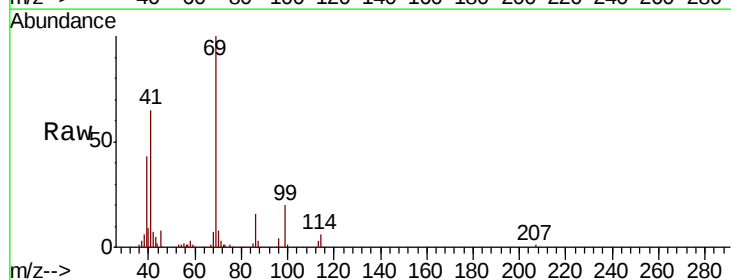
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

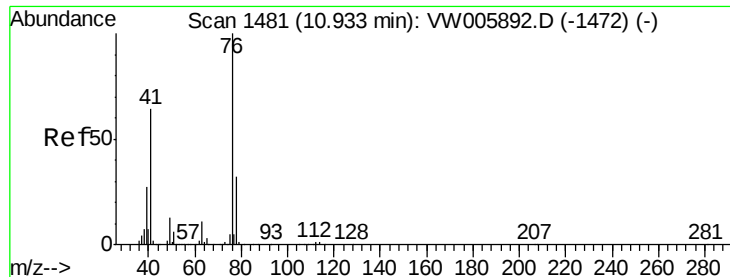
Tgt Ion:	97	Resp:	34507
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.9	100.3
85	55.7	43.4	65.0
99	63.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.120 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion:	69	Resp:	42472
Ion	Ratio	Lower	Upper
69	100		
41	64.7	56.0	84.0
39	36.9	33.5	50.3

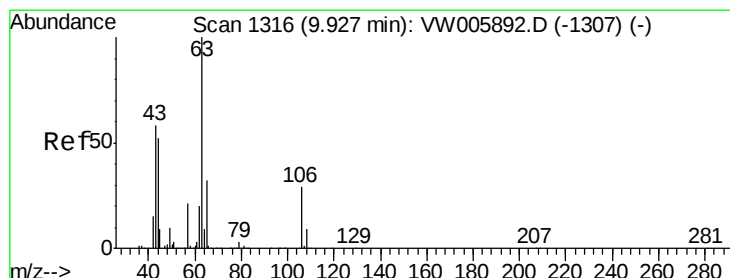
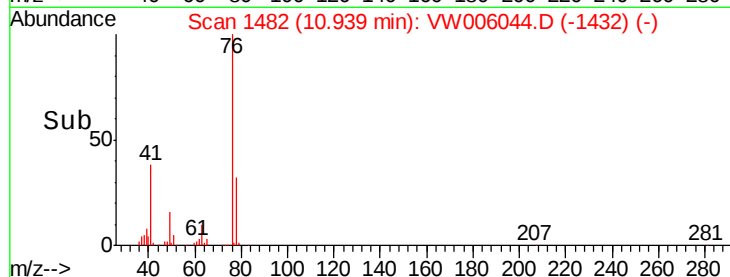
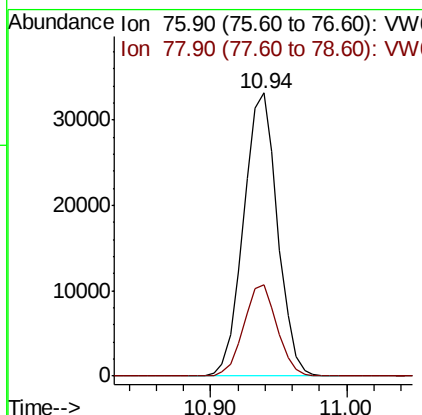
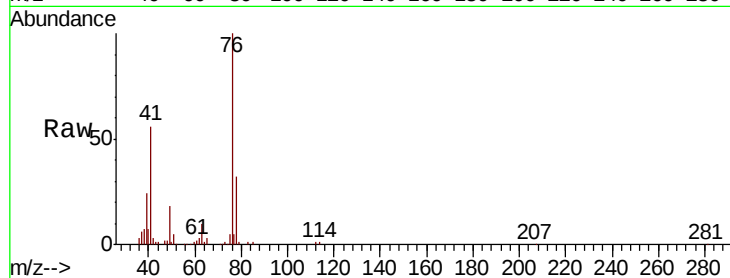




#57
 1,3-Dichloropropane
 Concen: 19.762 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

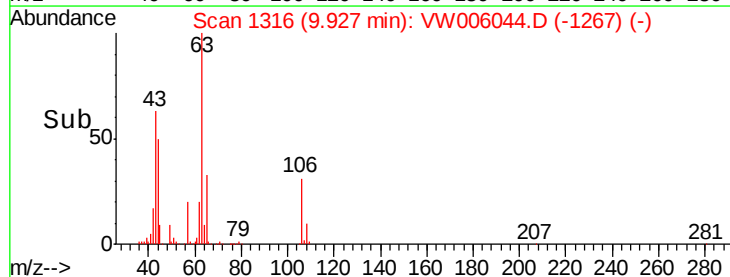
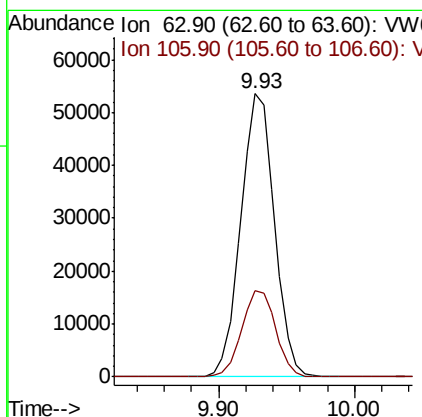
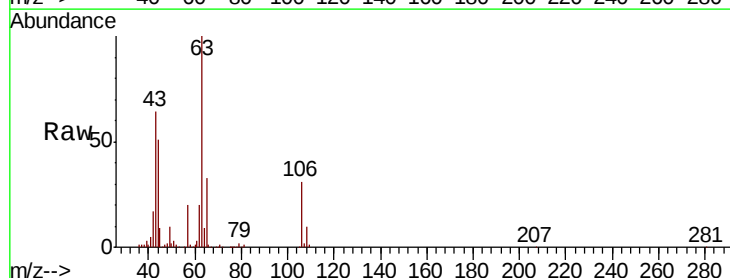
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

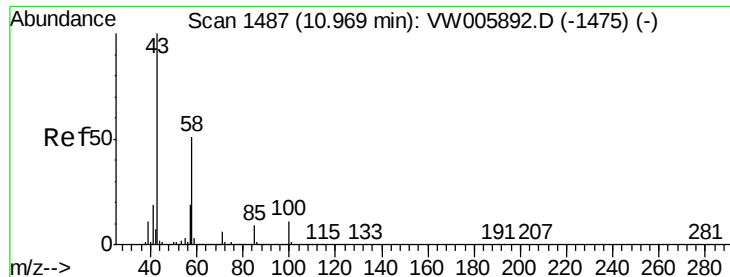
Tgt Ion: 76 Resp: 57816
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.124 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 63 Resp: 92630
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.6 35.4

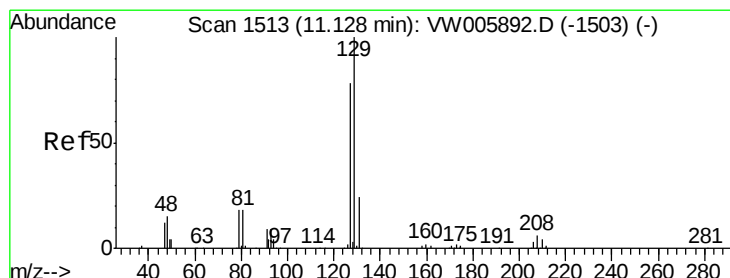
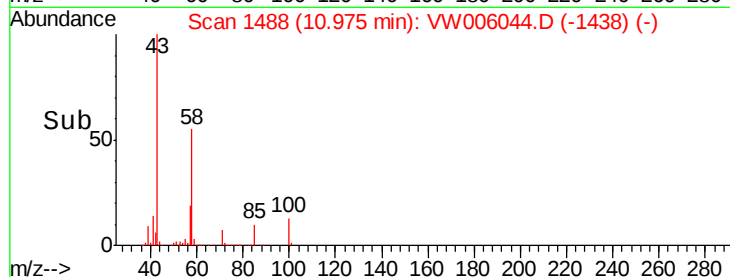
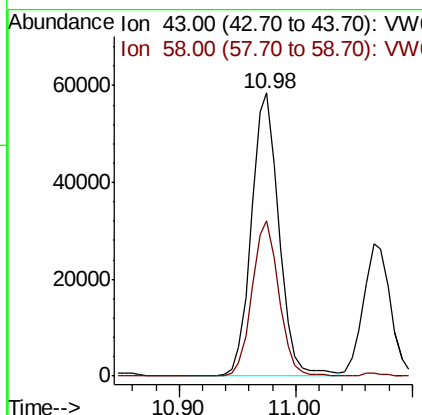
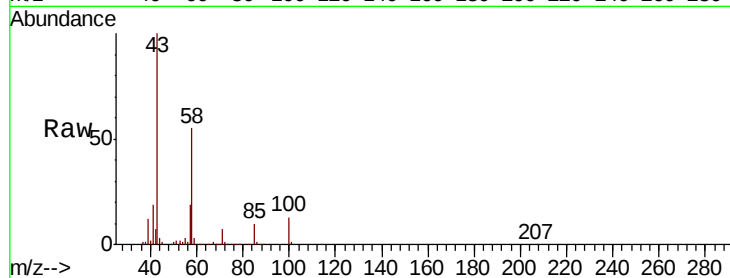




#59
2-Hexanone
Concen: 93.396 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

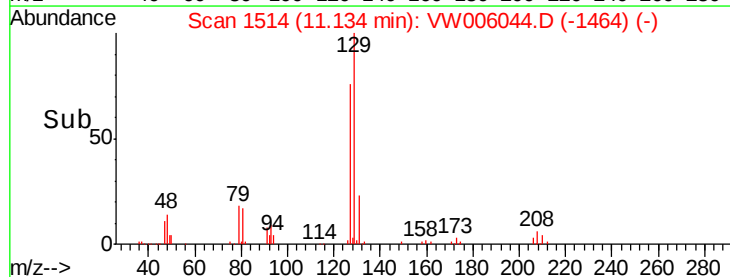
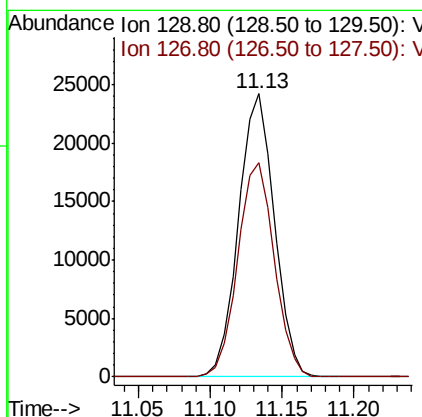
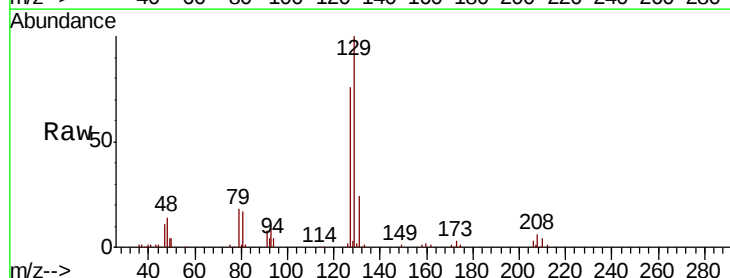
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

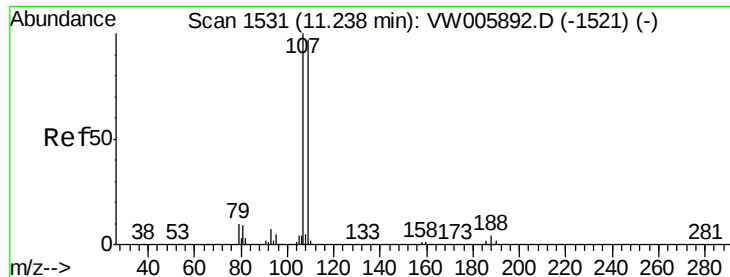
Tgt Ion: 43 Resp: 96193
Ion Ratio Lower Upper
43 100
58 53.7 25.7 77.1



#60
Dibromochloromethane
Concen: 18.608 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 129 Resp: 41759
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

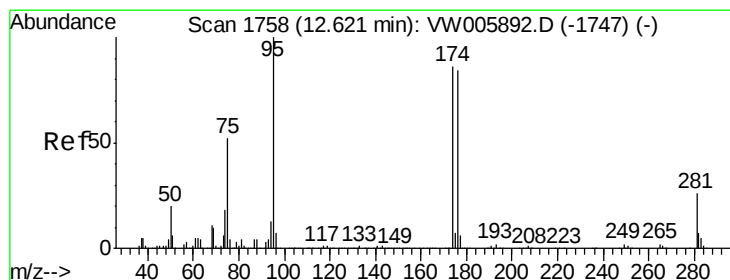
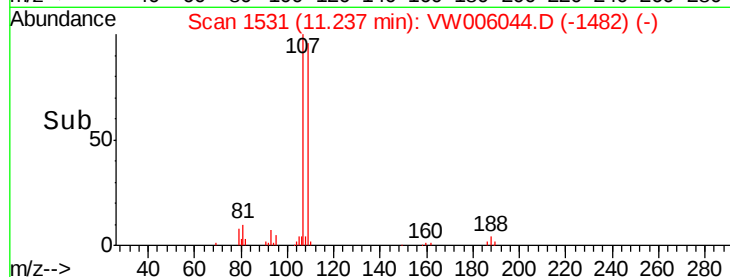
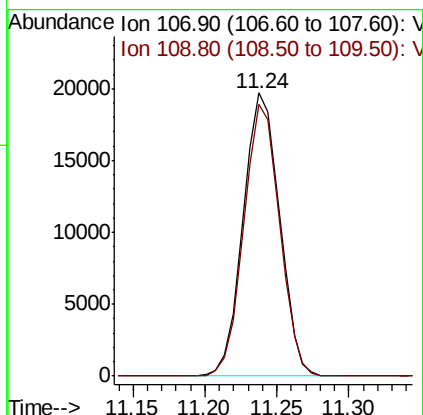
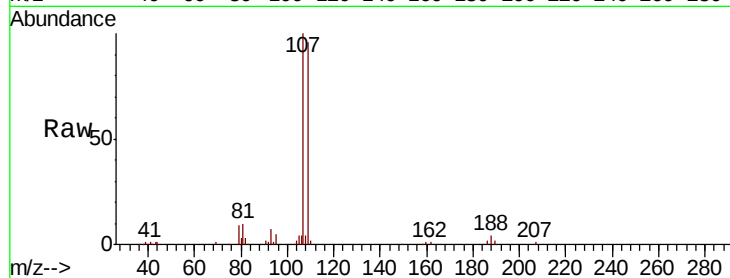




#61
 1,2-Dibromoethane
 Concen: 19.808 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

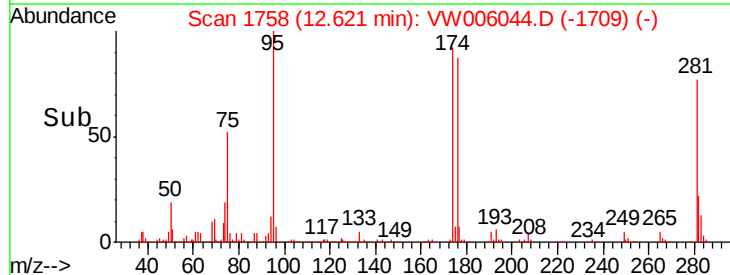
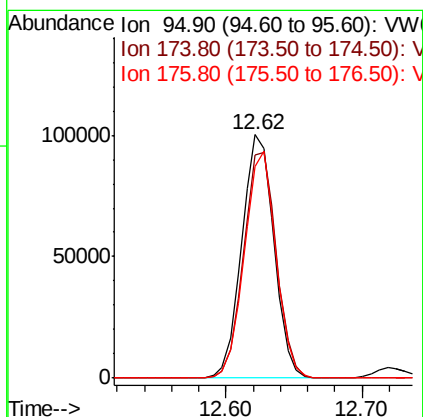
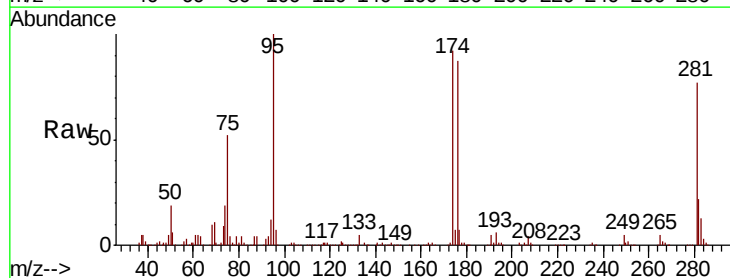
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

Tgt Ion: 107 Resp: 34423
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.021 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 95 Resp: 165941
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 176.4
 176 91.6 0.0 173.0

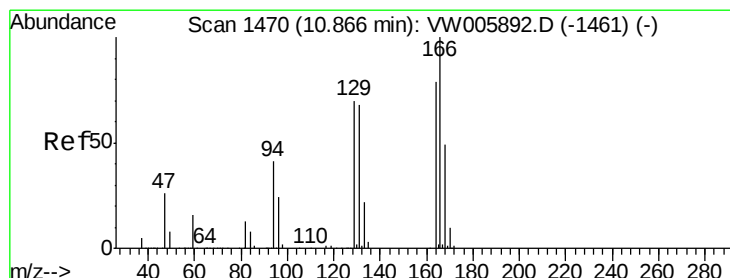
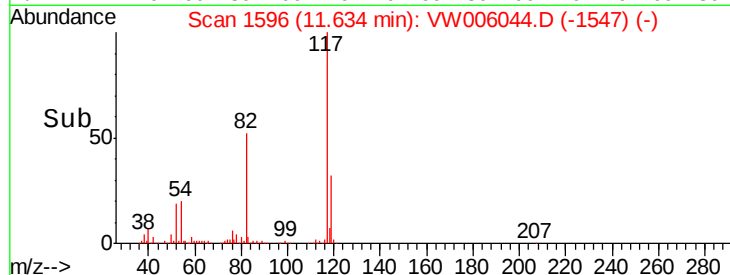
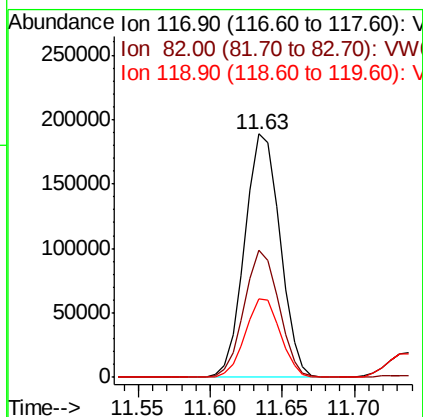
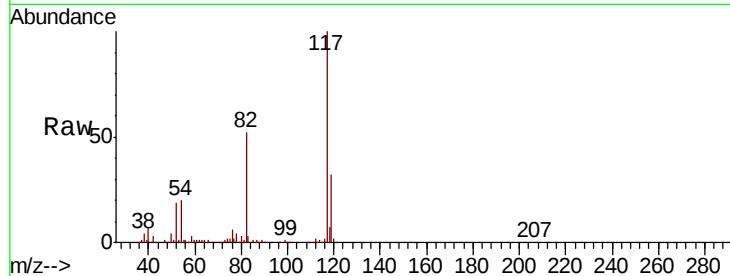




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

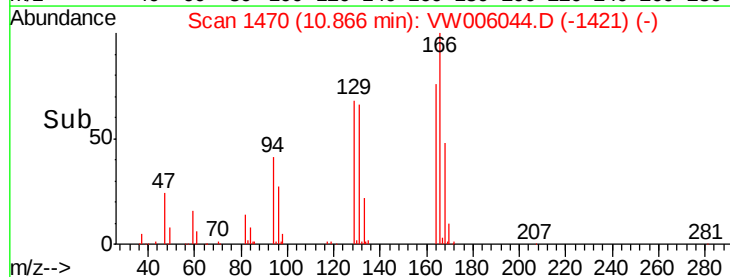
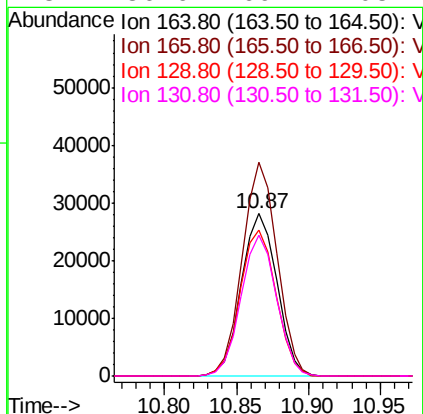
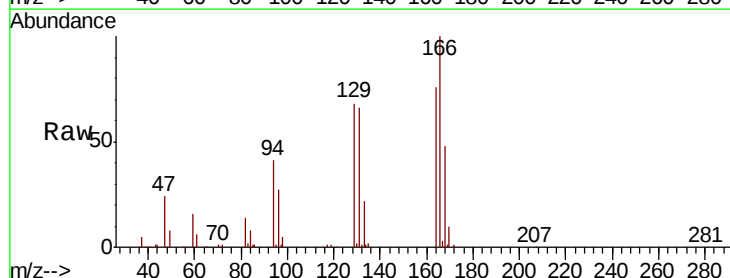
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

Tgt Ion:117 Resp: 320855
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 20.226 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion:164 Resp: 48342
Ion Ratio Lower Upper
164 100
166 131.5 101.5 152.3
129 89.5 71.1 106.7
131 86.6 69.1 103.7

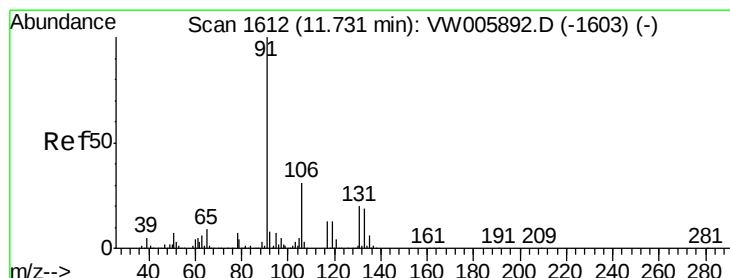
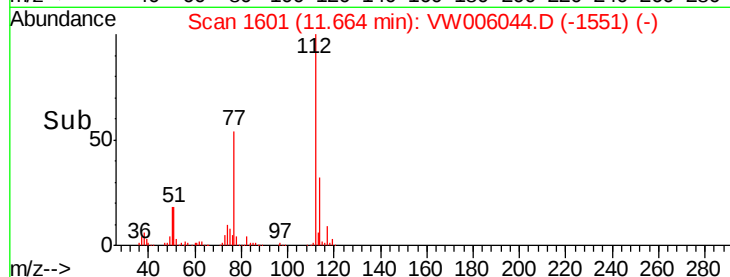
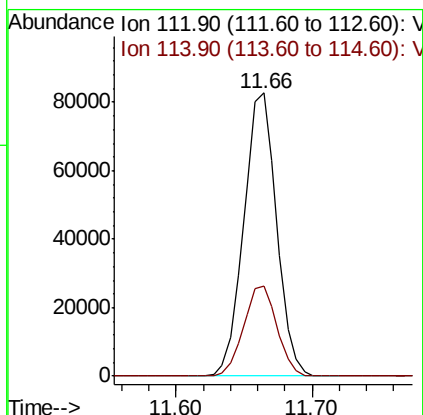
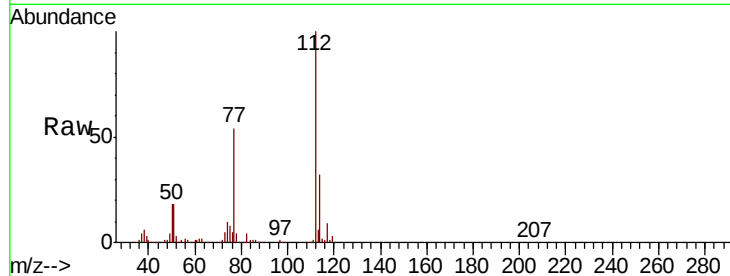




#65
Chlorobenzene
Concen: 20.344 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

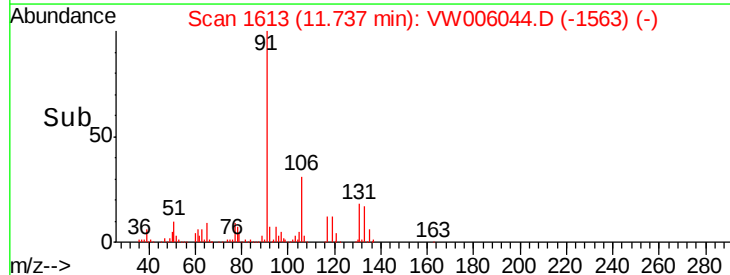
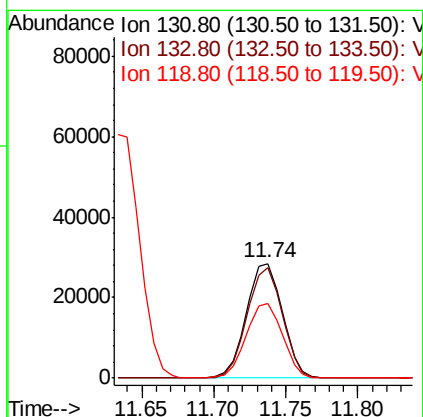
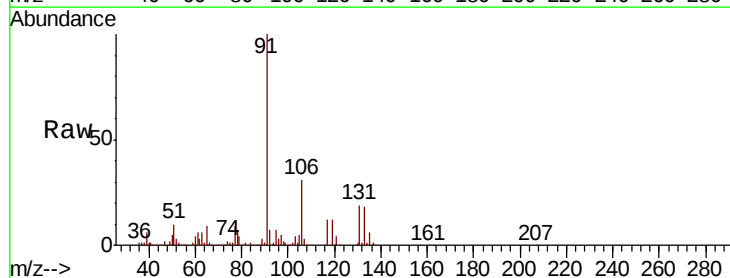
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

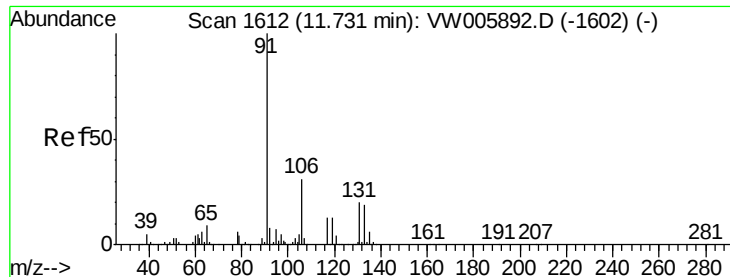
Tgt Ion:112 Resp: 139817
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion:131 Resp: 49395
Ion Ratio Lower Upper
131 100
133 94.3 48.2 144.6
119 65.4 32.5 97.5

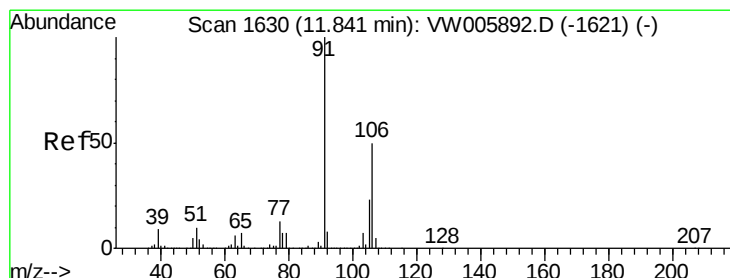
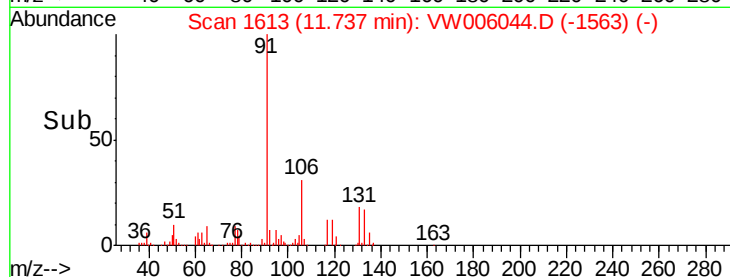
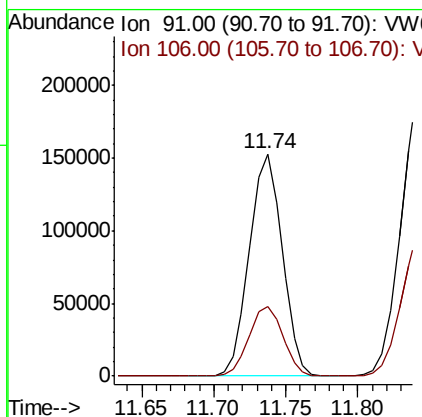
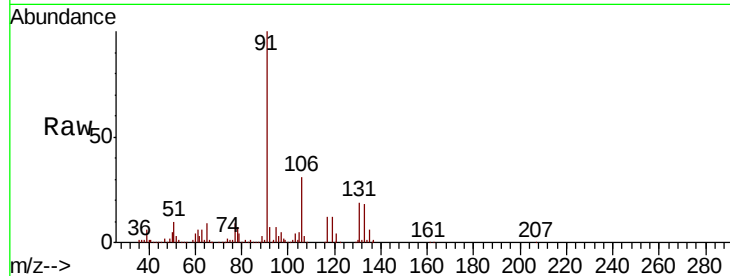




#67
Ethyl Benzene
Concen: 19.951 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

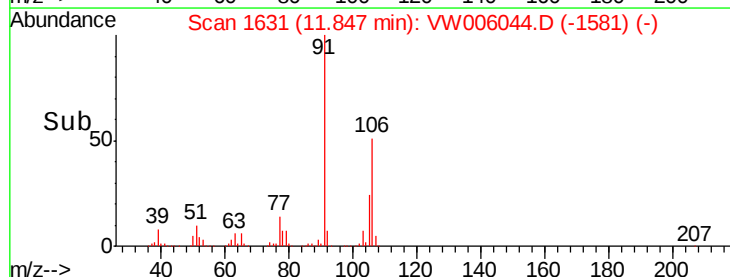
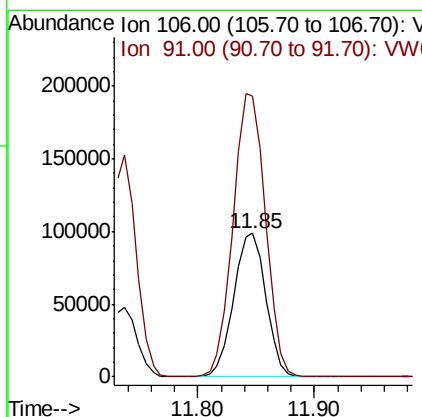
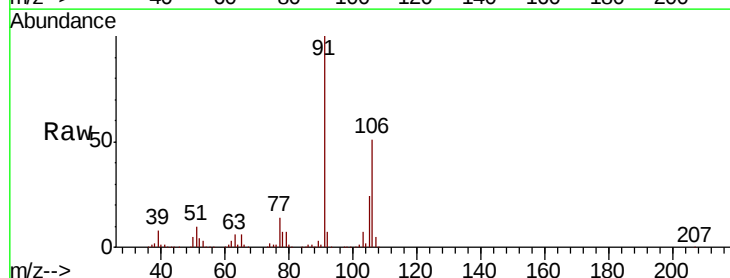
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

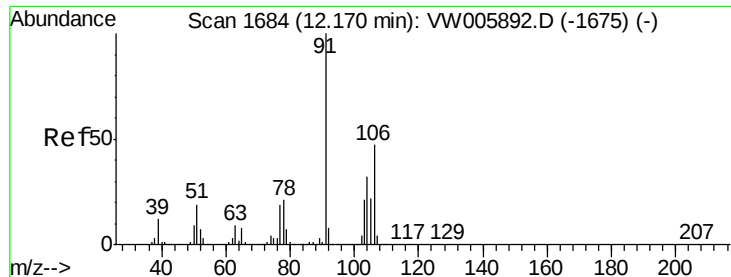
Tgt Ion: 91 Resp: 242197
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 40.032 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion: 106 Resp: 189912
Ion Ratio Lower Upper
106 100
91 199.0 160.2 240.2

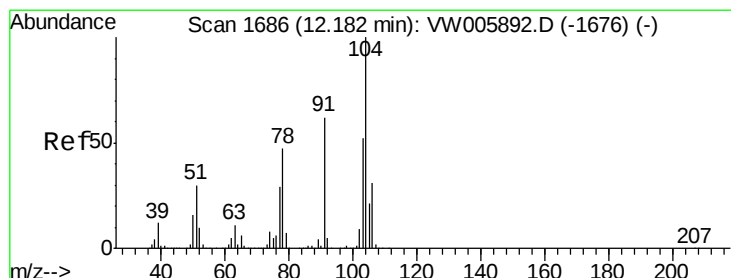
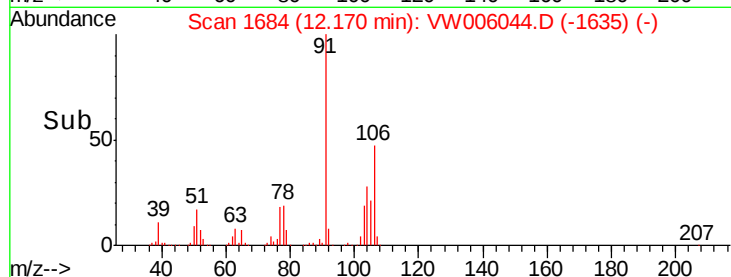
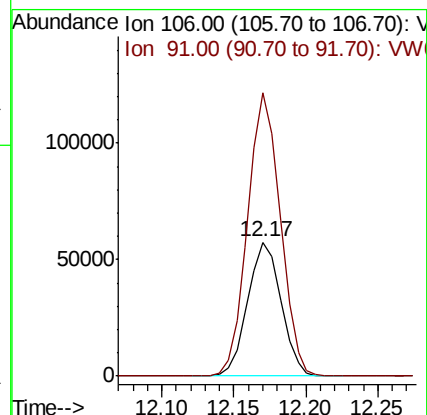
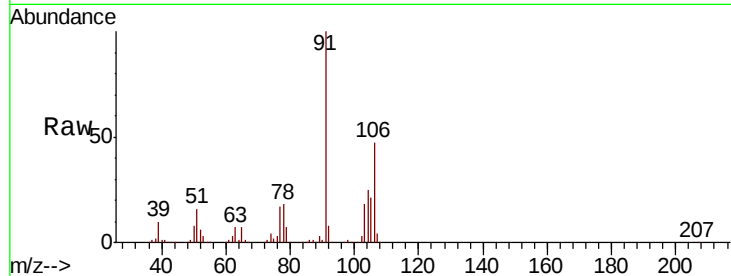




#69
o-Xylene
Concen: 20.215 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

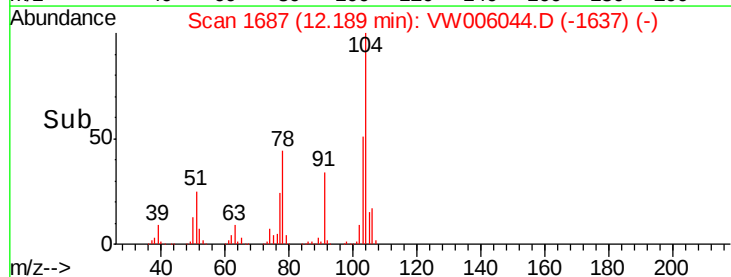
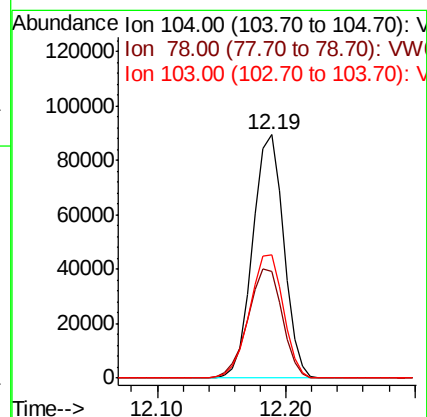
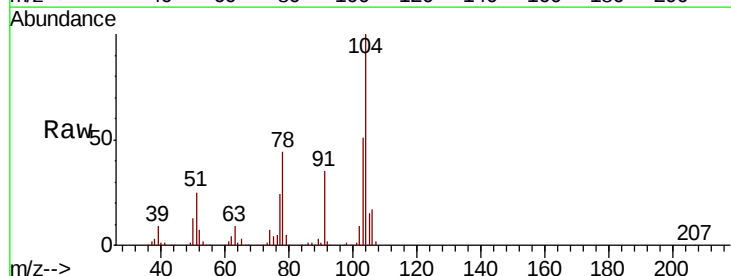
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

Tgt Ion:106 Resp: 91812
Ion Ratio Lower Upper
106 100
91 208.4 106.2 318.5



#70
Styrene
Concen: 19.695 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion:104 Resp: 148411
Ion Ratio Lower Upper
104 100
78 49.7 40.4 60.6
103 55.4 44.2 66.2

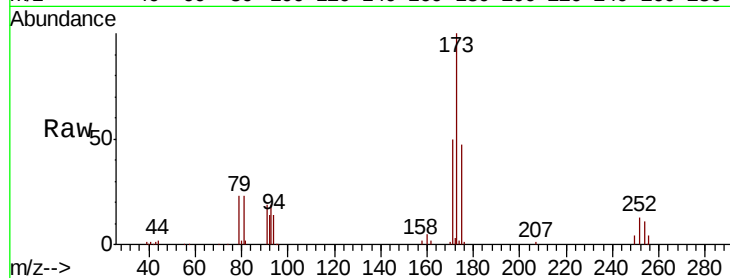




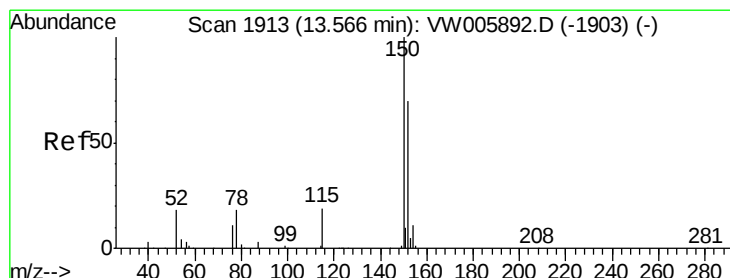
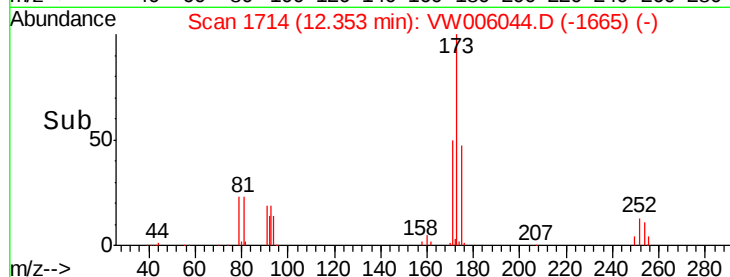
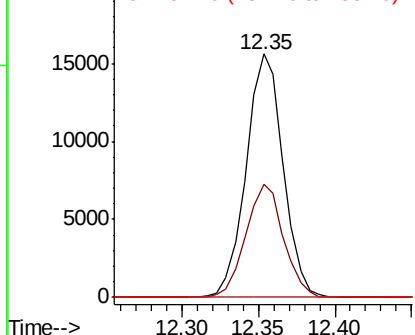
#71
Bromoform
Concen: 17.402 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

Tgt Ion:173 Resp: 26113
Ion Ratio Lower Upper
173 100
175 47.5 24.7 74.1
254 0.1 0.2 0.2#

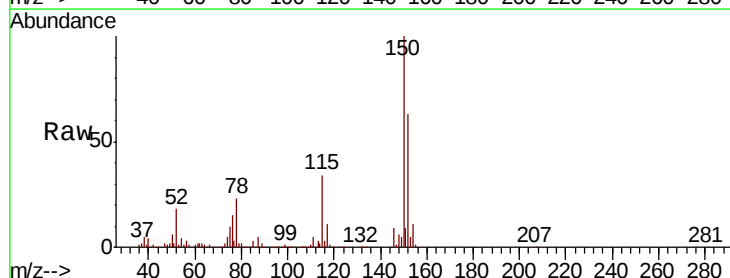


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

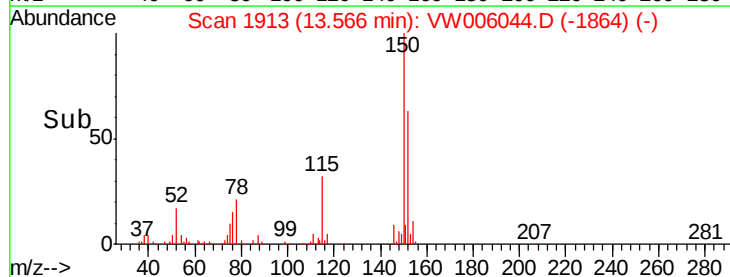
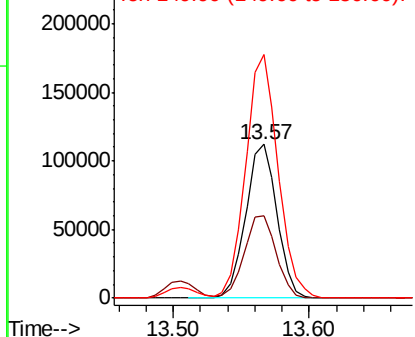


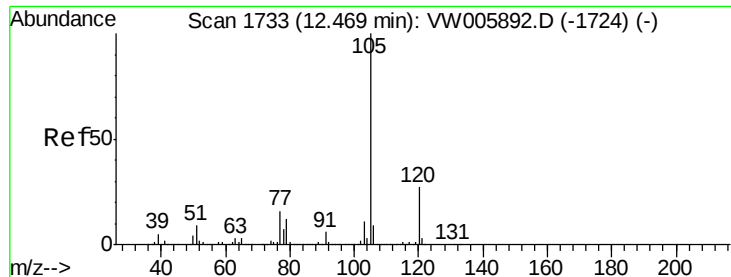
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion:152 Resp: 180186
Ion Ratio Lower Upper
152 100
115 54.8 28.3 85.0
150 163.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.587 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

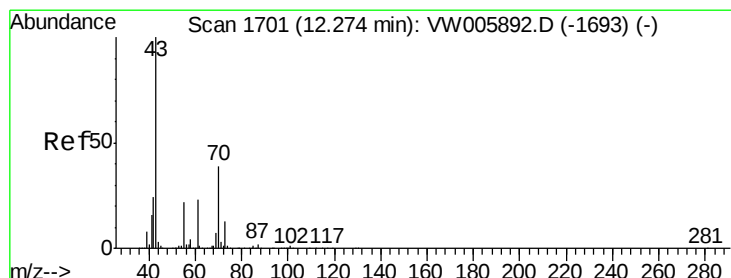
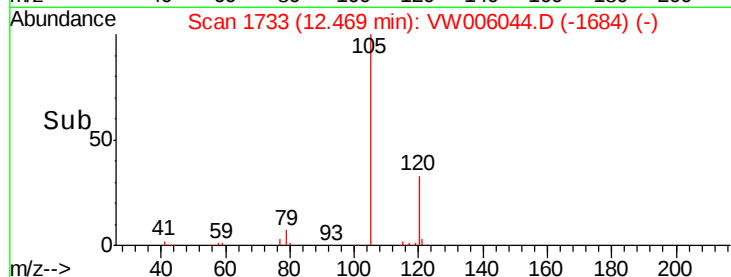
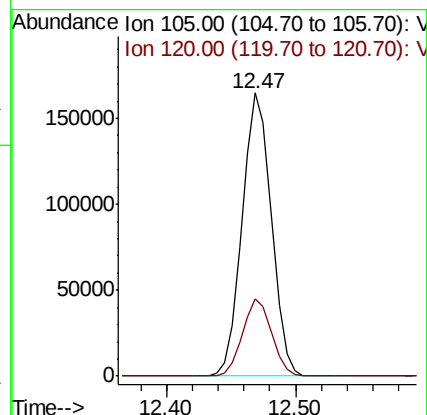
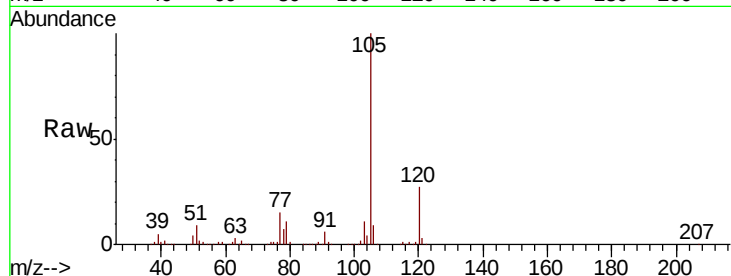
VW1013SBS01

Tgt Ion: 105 Resp: 257754

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#74

N-ethyl acetate

Concen: 16.083 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Tgt Ion: 43 Resp: 50264

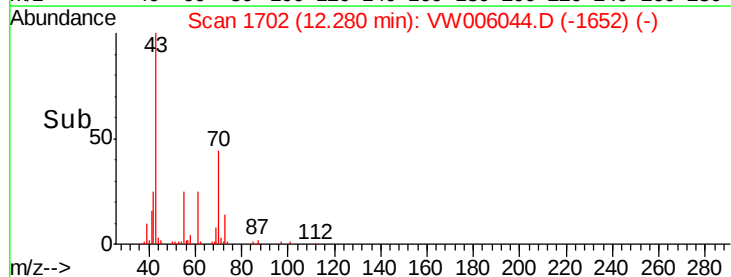
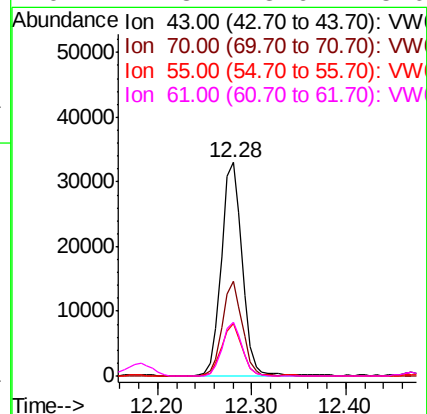
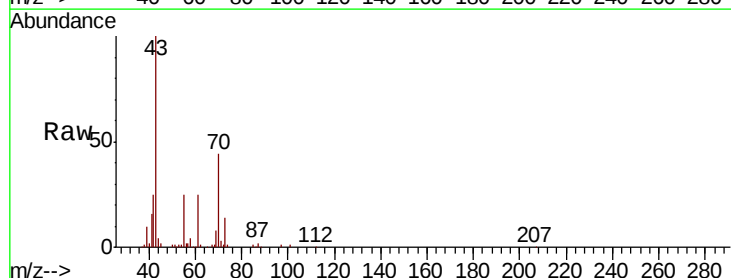
Ion Ratio Lower Upper

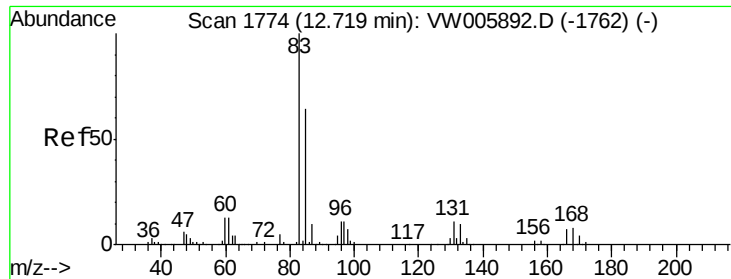
43 100

70 42.7 31.6 47.4

55 24.2 17.9 26.9

61 24.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.531 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

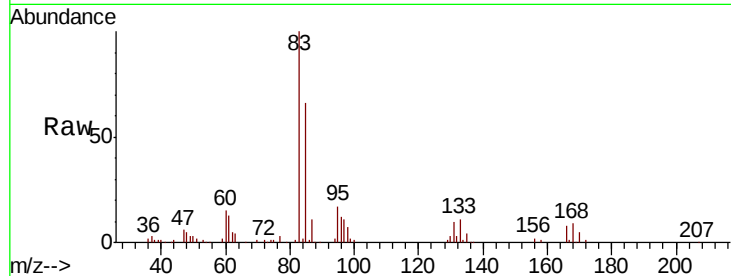
Tgt Ion: 83 Resp: 39969

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

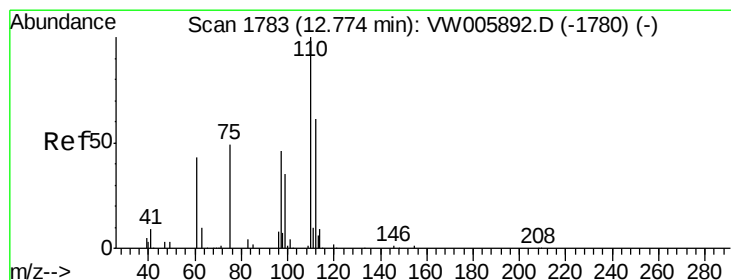
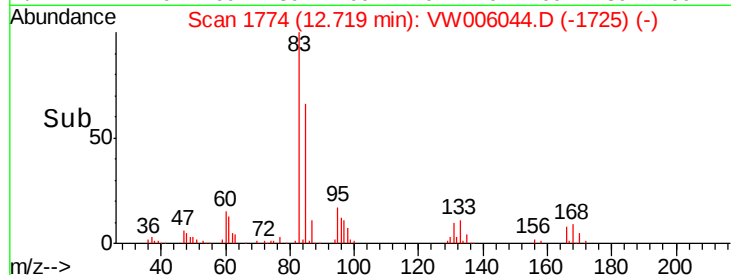
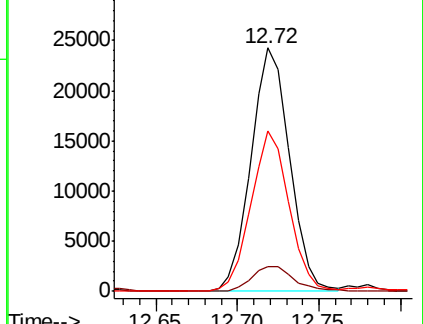
85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.034 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006044.D

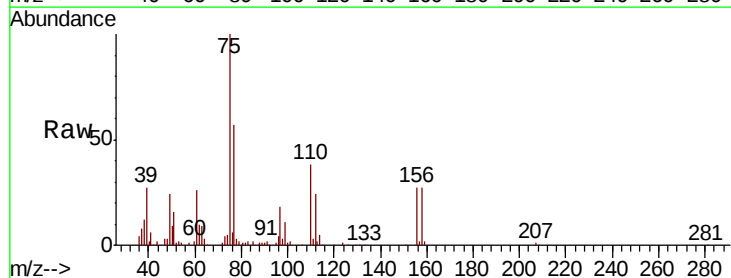
Acq: 12 Oct 2018 12:49

Tgt Ion: 75 Resp: 51561

Ion Ratio Lower Upper

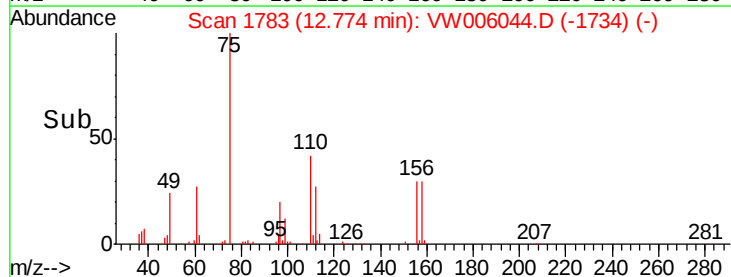
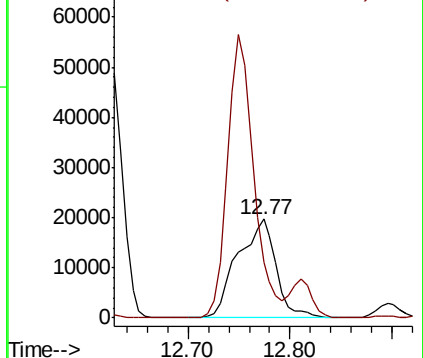
75 100

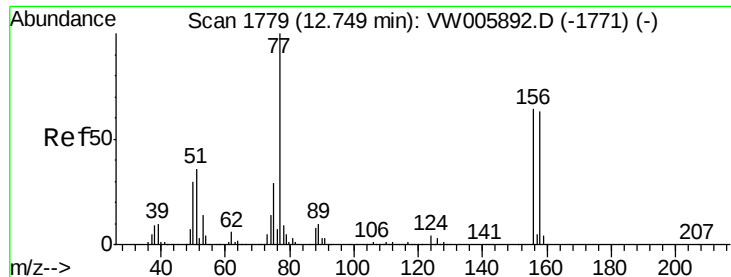
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.244 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

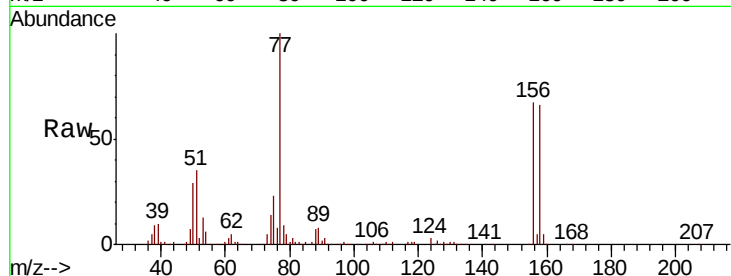
Tgt Ion:156 Resp: 63114

Ion Ratio Lower Upper

156 100

77 159.2 85.8 257.4

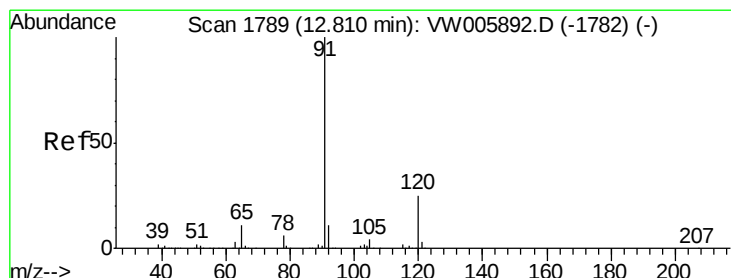
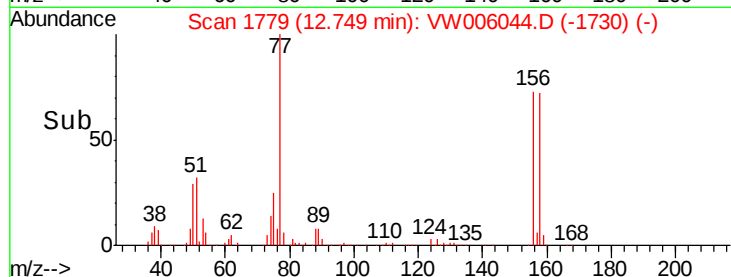
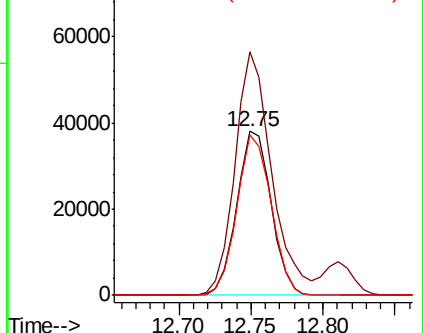
158 97.1 49.1 147.4



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: 19.544 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006044.D

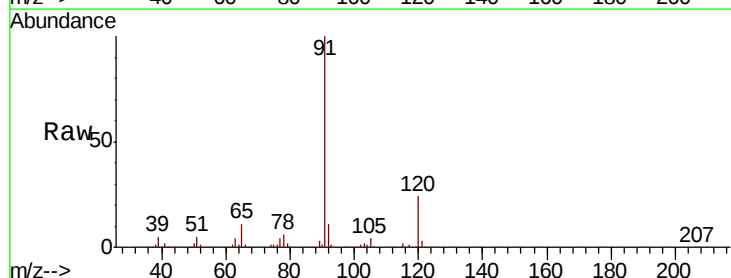
Acq: 12 Oct 2018 12:49

Tgt Ion: 91 Resp: 302530

Ion Ratio Lower Upper

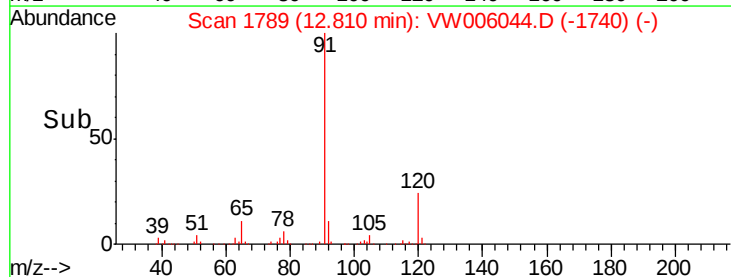
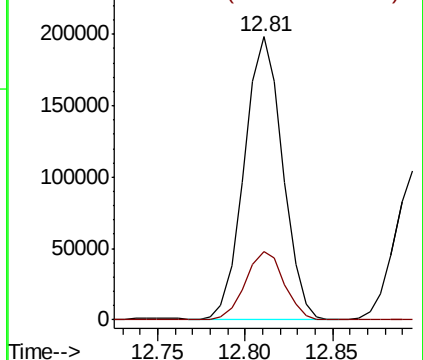
91 100

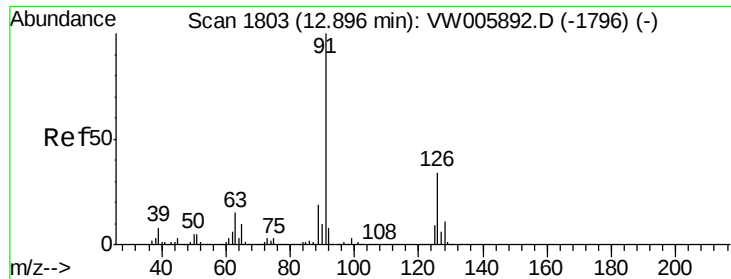
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

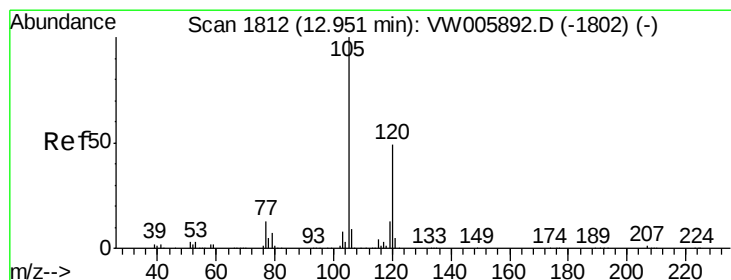
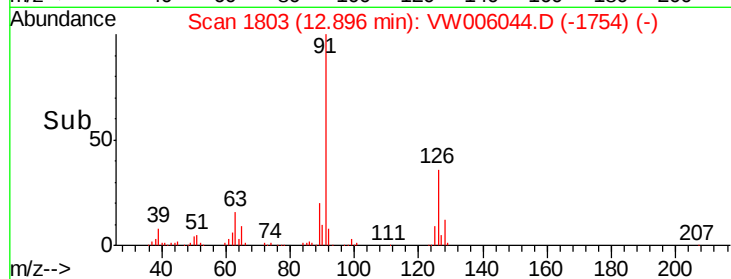
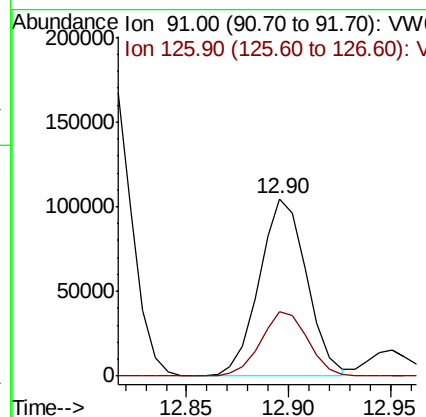
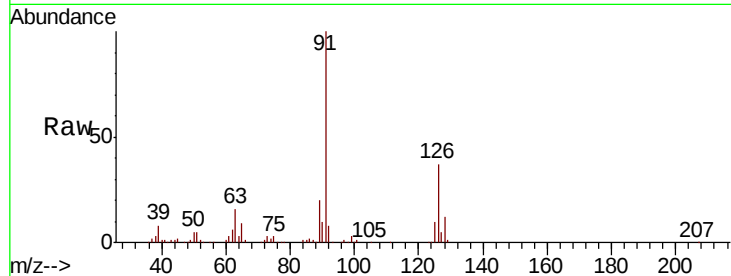




#79
 2-Chlorotoluene
 Concen: 19.364 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

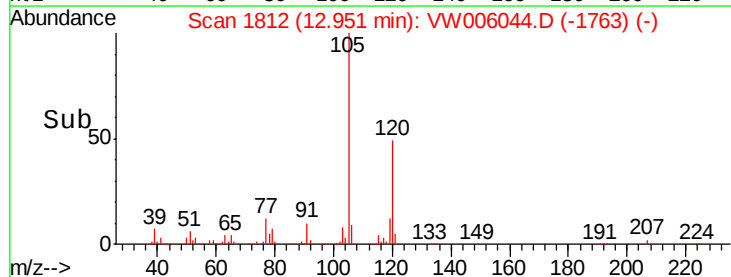
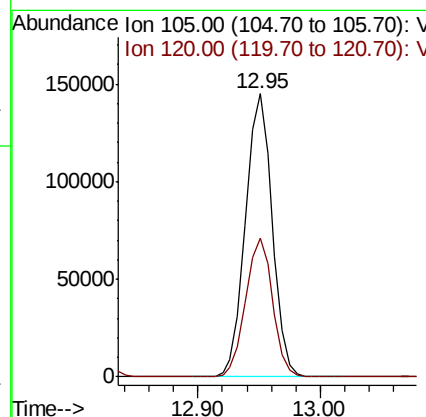
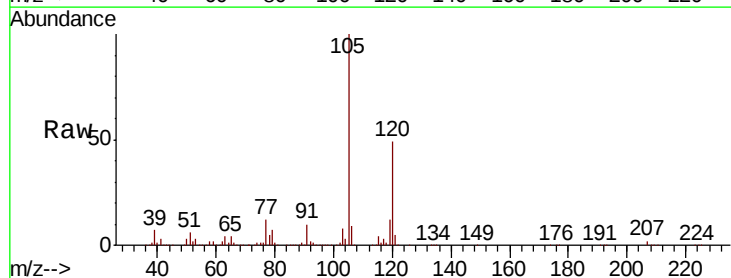
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

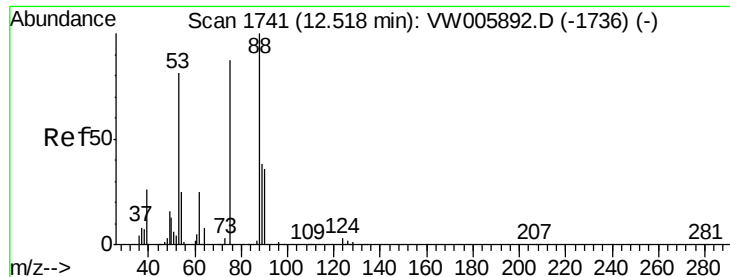
Tgt Ion: 91 Resp: 169209
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.786 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion: 105 Resp: 219813
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.492 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

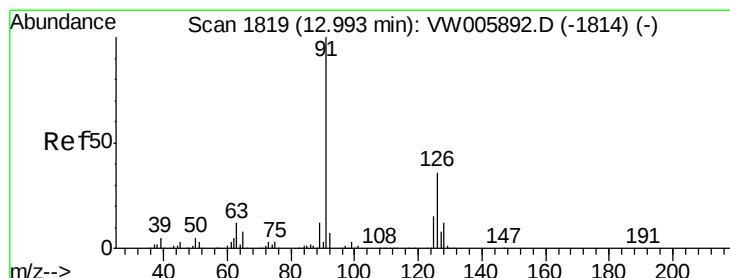
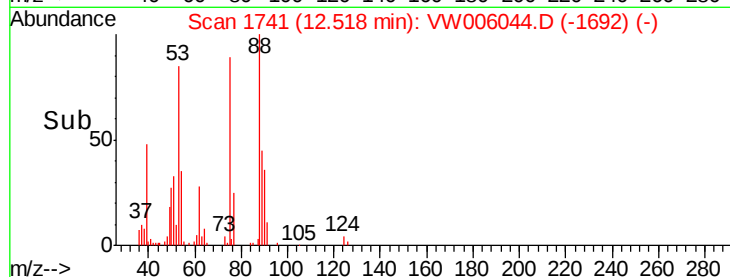
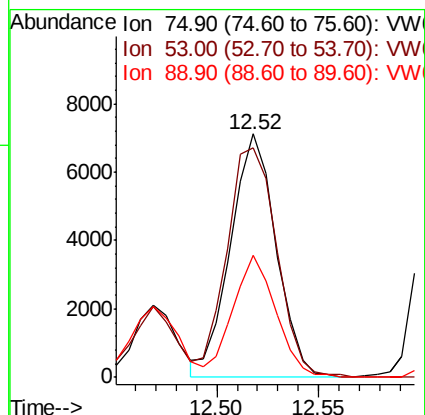
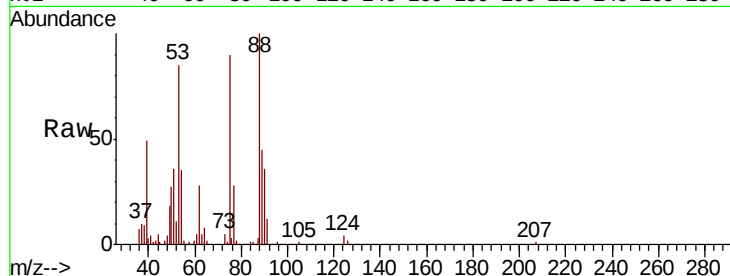
Tgt Ion: 75 Resp: 11049

Ion Ratio Lower Upper

75 100

53 103.6 76.5 114.7

89 47.3 37.6 56.4



#82

4-Chlorotoluene

Concen: 19.599 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006044.D

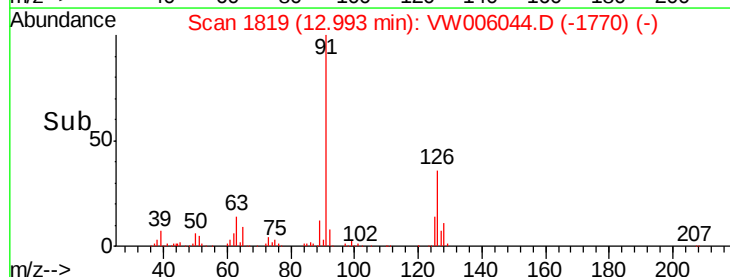
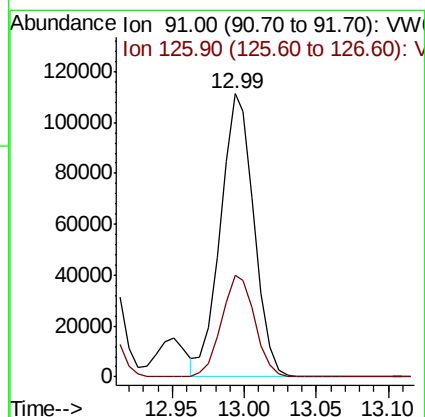
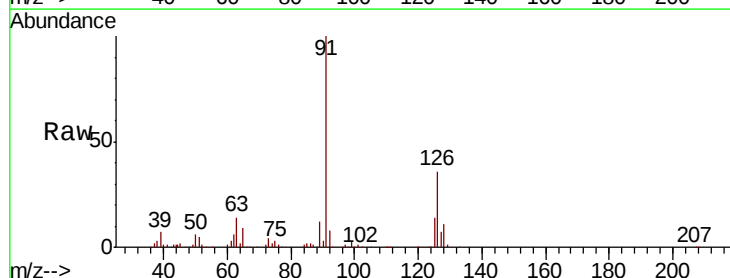
Acq: 12 Oct 2018 12:49

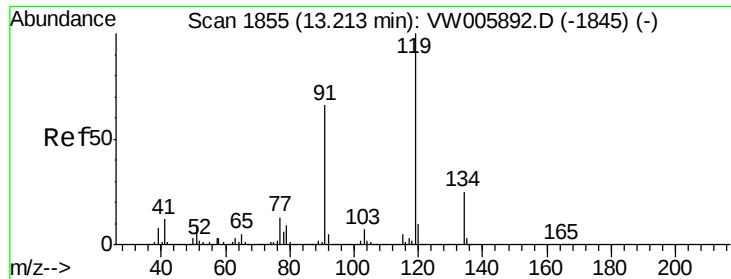
Tgt Ion: 91 Resp: 180194

Ion Ratio Lower Upper

91 100

126 35.9 17.4 52.2

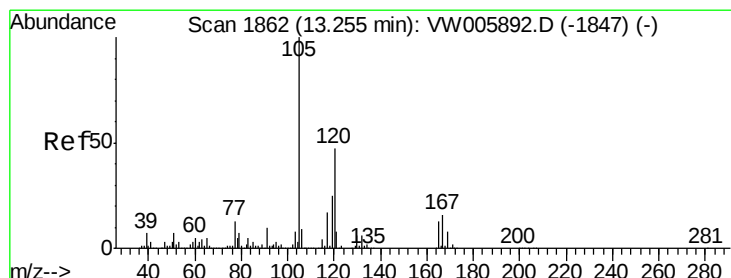
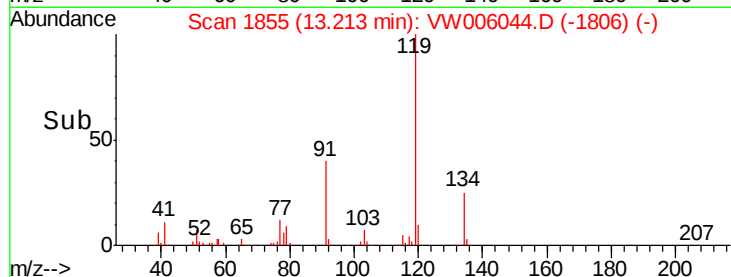
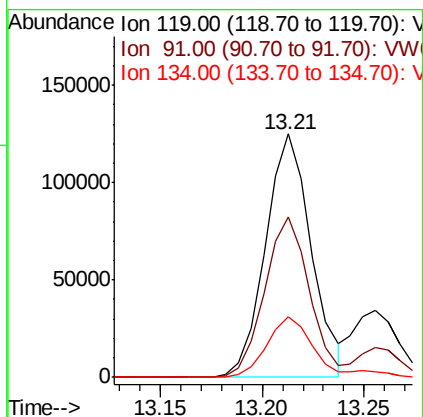
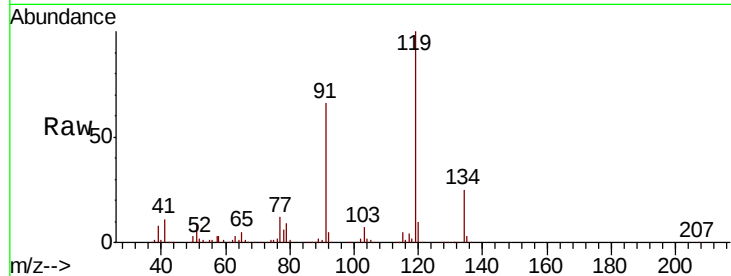




#83
tert-Butylbenzene
Concen: 19.770 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

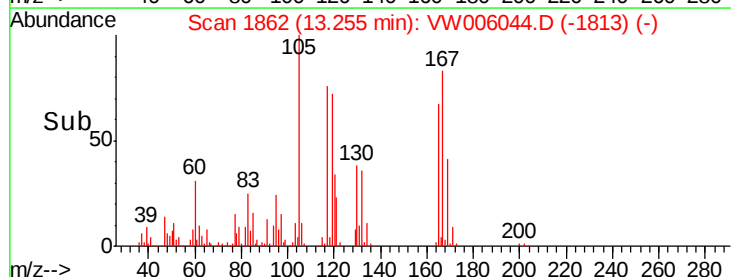
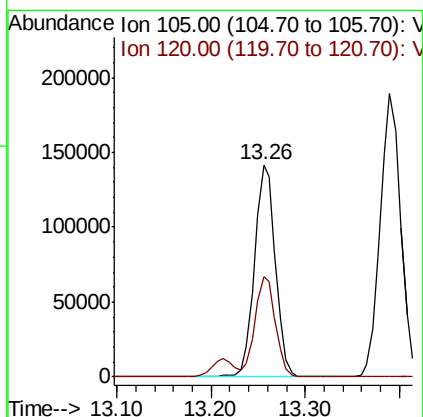
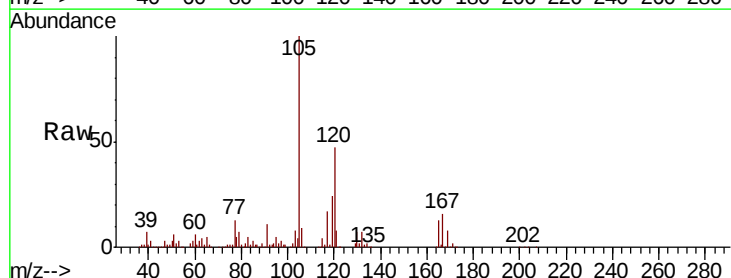
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

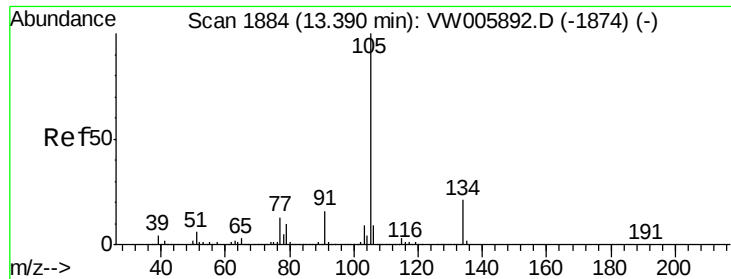
Tgt Ion:119 Resp: 195355
Ion Ratio Lower Upper
119 100
91 64.4 32.4 97.0
134 24.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.799 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion:105 Resp: 221884
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.3

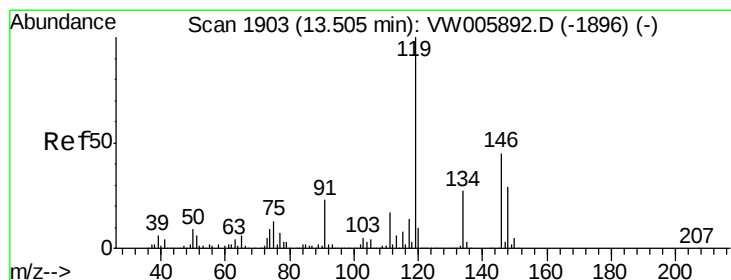
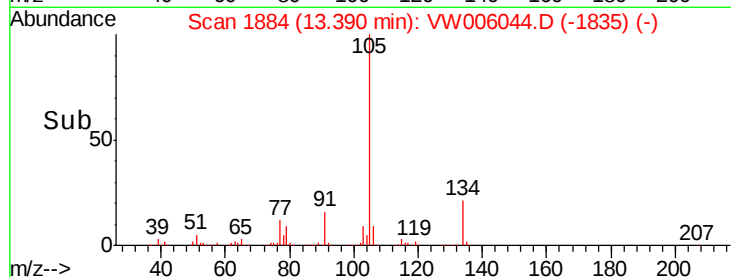
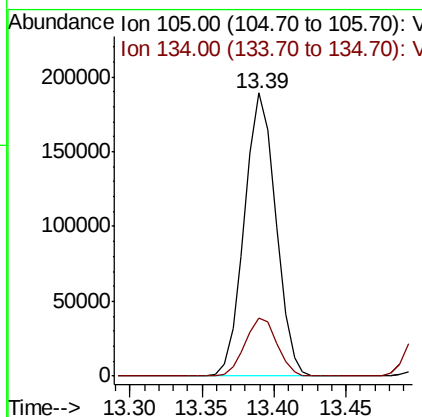
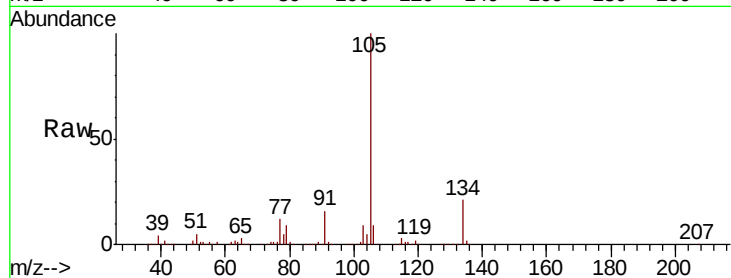




#85
 sec-Butylbenzene
 Concen: 20.591 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

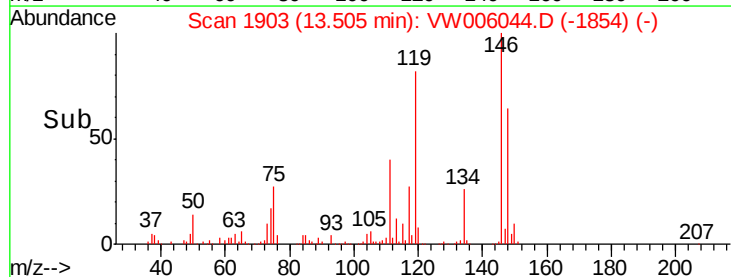
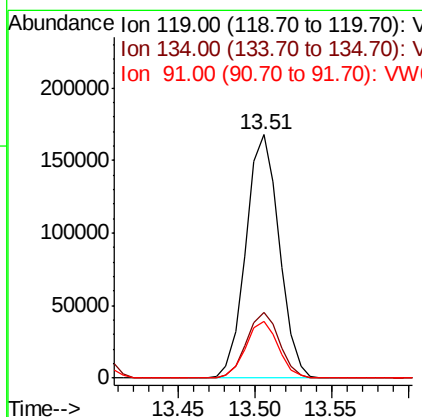
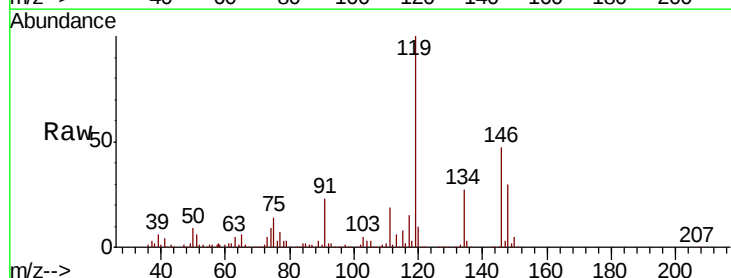
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

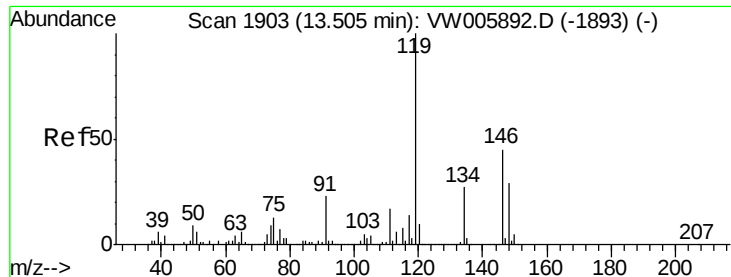
Tgt Ion:105 Resp: 285607
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.321 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion:119 Resp: 253468
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 23.0 11.9 35.5

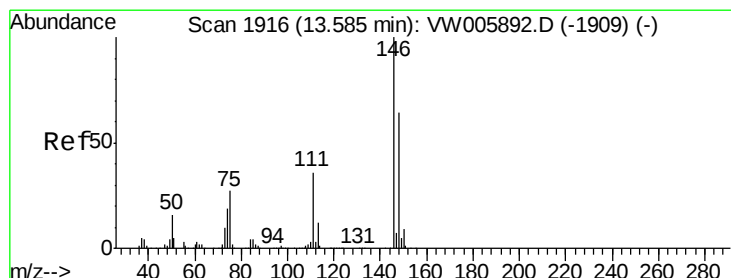
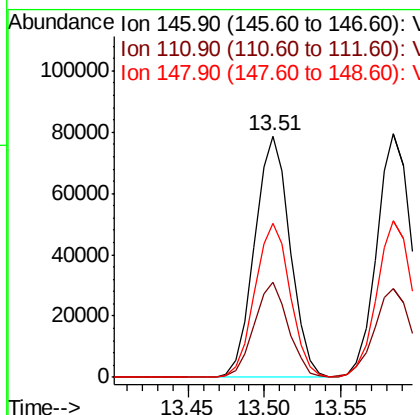
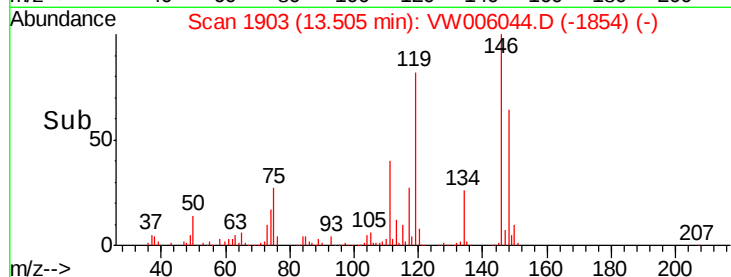
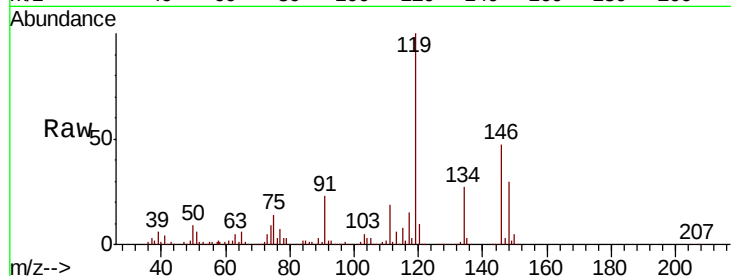




#87
 1,3-Dichlorobenzene
 Concen: 20.451 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

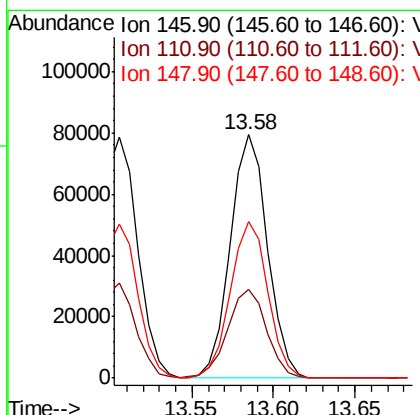
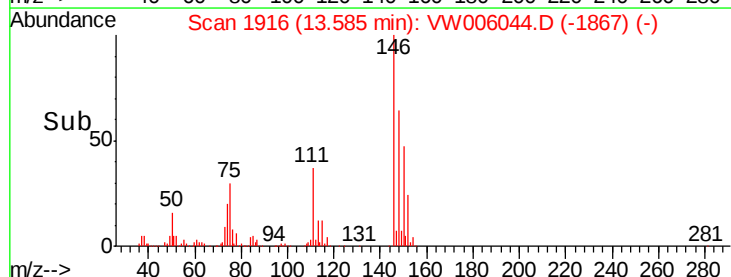
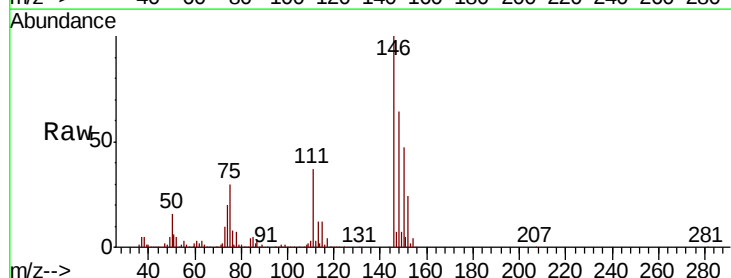
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

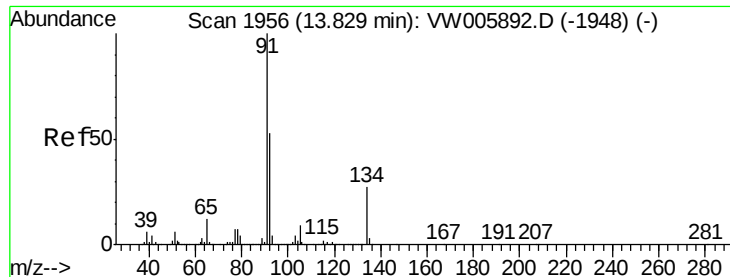
Tgt Ion:146 Resp: 126670
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.423 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion:146 Resp: 125704
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 65.1 32.0 96.2





#89

n-Butylbenzene

Concen: 20.201 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006044.D

Acq: 12 Oct 2018 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBSD01

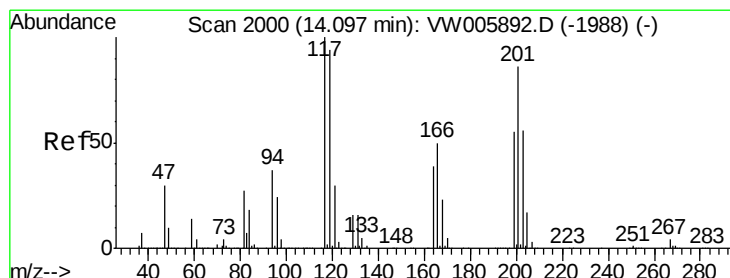
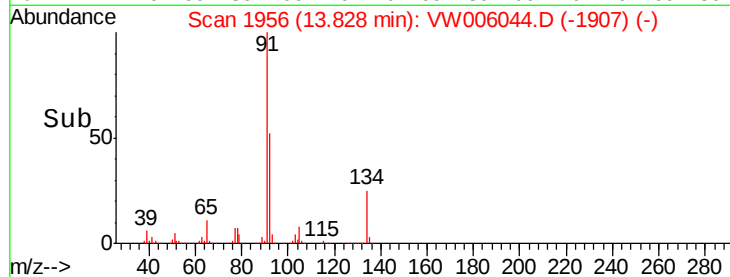
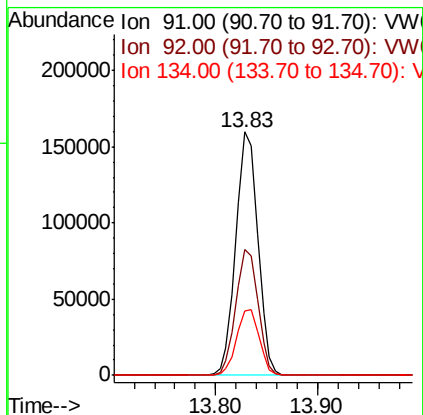
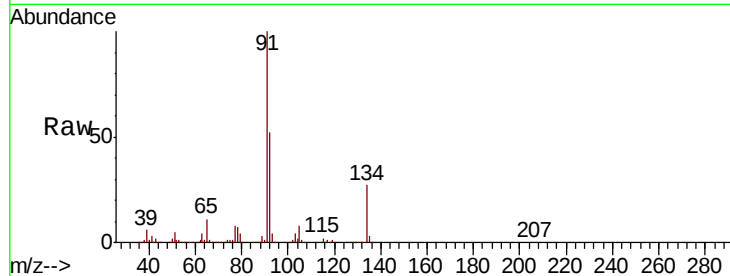
Tgt Ion: 91 Resp: 237514

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.8

134 27.7 13.8 41.4



#90

Hexachloroethane

Concen: 17.571 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006044.D

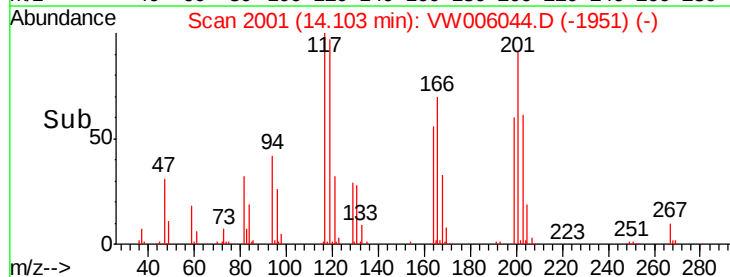
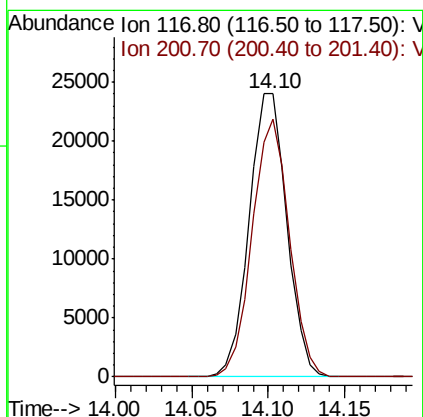
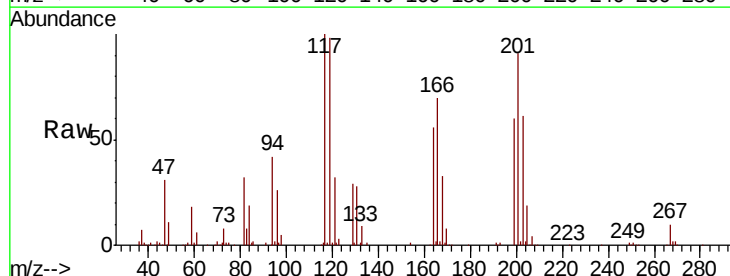
Acq: 12 Oct 2018 12:49

Tgt Ion: 117 Resp: 41221

Ion Ratio Lower Upper

117 100

201 89.8 44.5 133.5

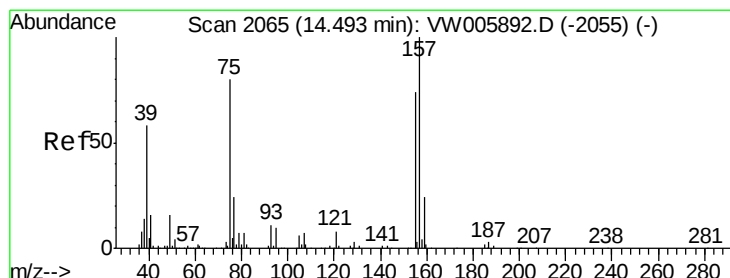
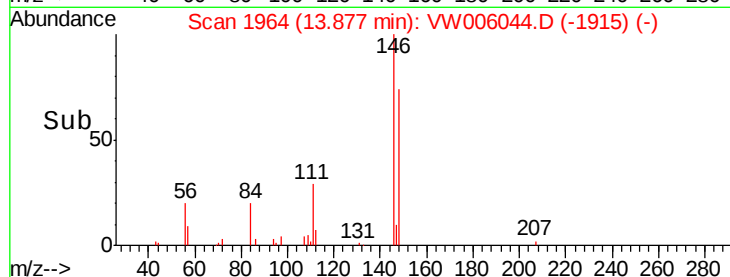
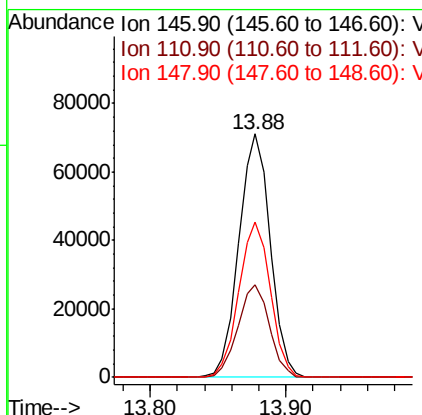
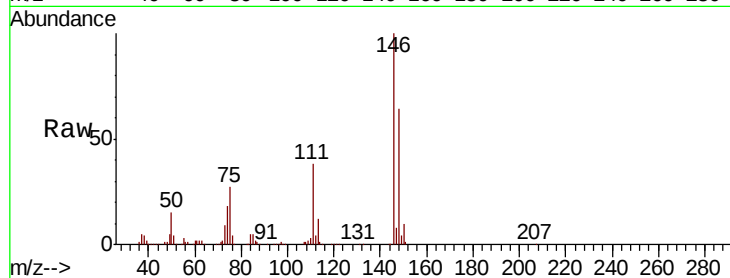




#91
 1,2-Dichlorobenzene
 Concen: 20.827 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

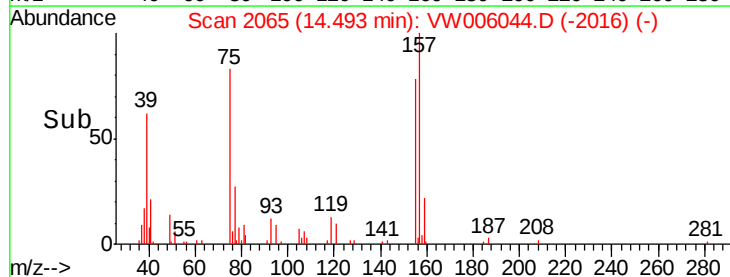
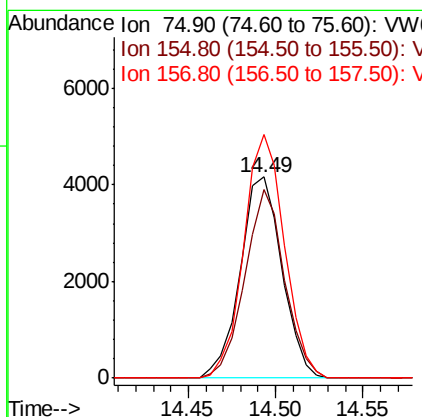
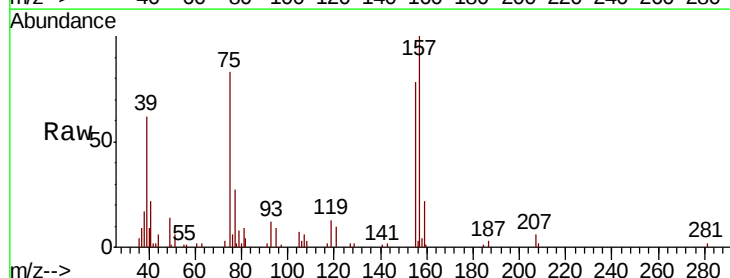
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

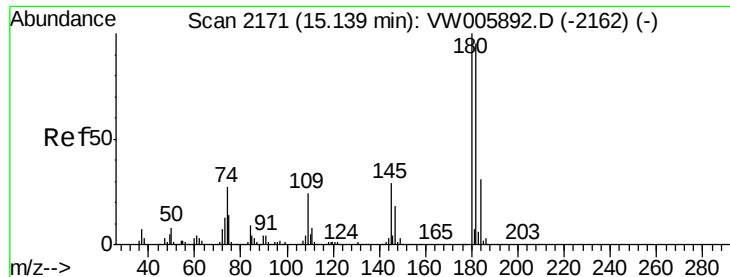
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.3	61.0
148	64.0	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.208 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	44.8	134.3
157	117.7	58.9	176.6

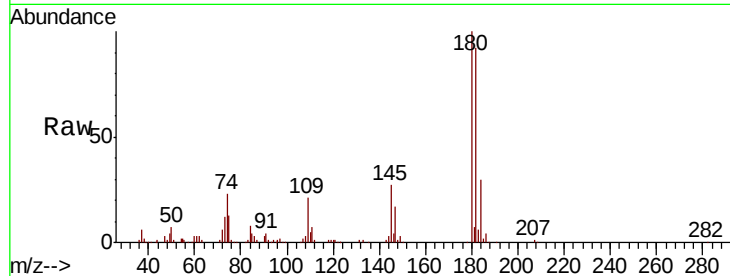




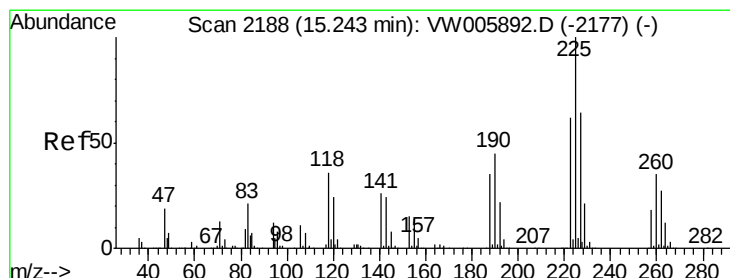
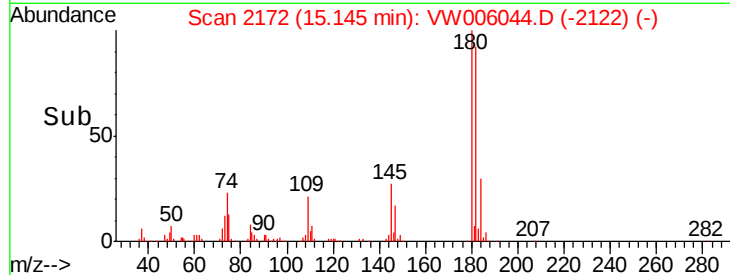
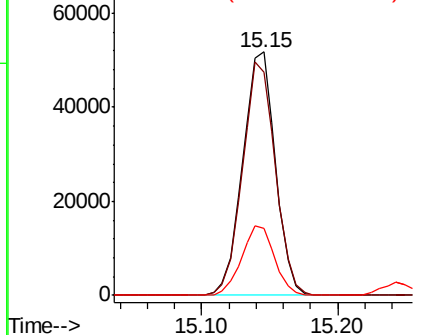
#93
 1,2,4-Trichlorobenzene
 Concen: 20.380 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion:180 Resp: 86897
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 28.6 14.5 43.6

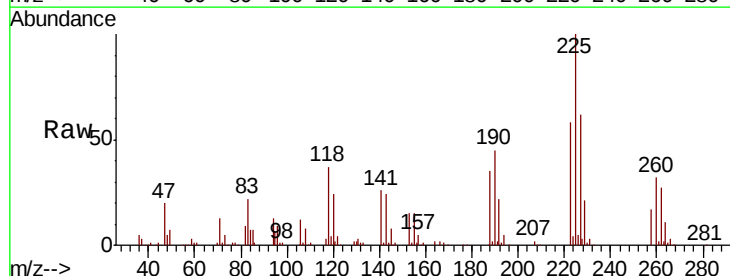


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

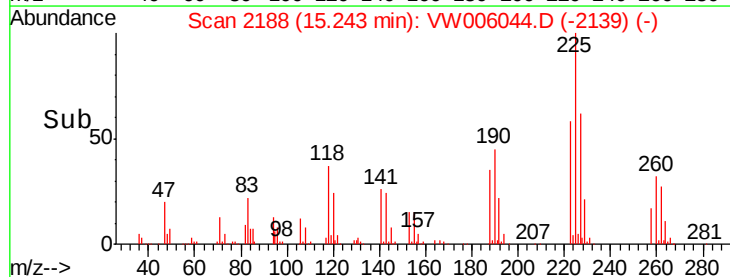
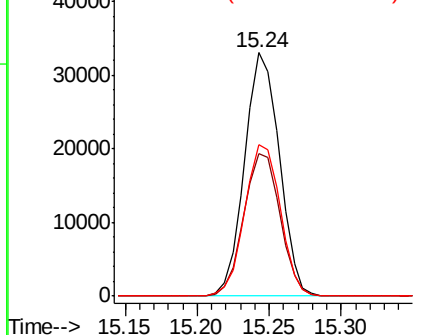


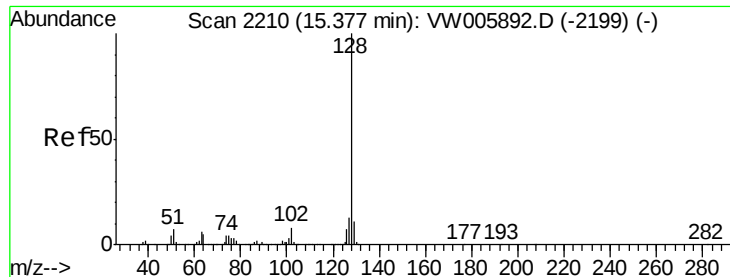
#94
 Hexachlorobutadiene
 Concen: 20.748 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006044.D
 Acq: 12 Oct 2018 12:49

Tgt Ion:225 Resp: 55218
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.2 93.6
 227 63.8 31.9 95.9



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

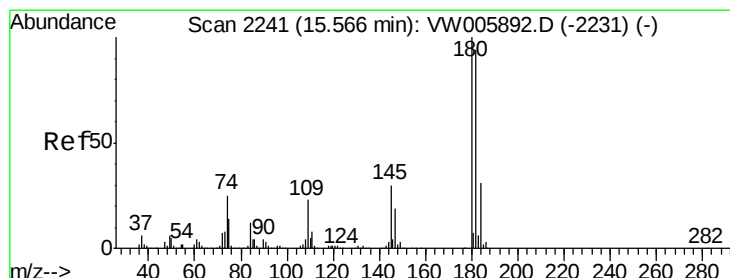
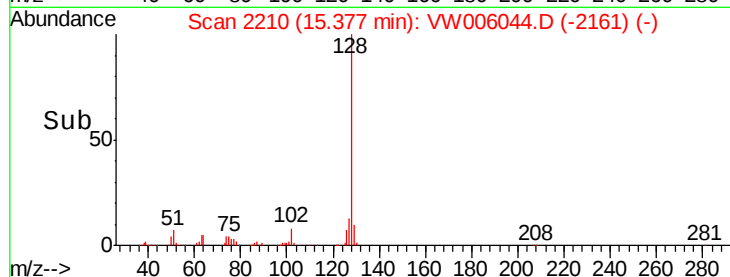
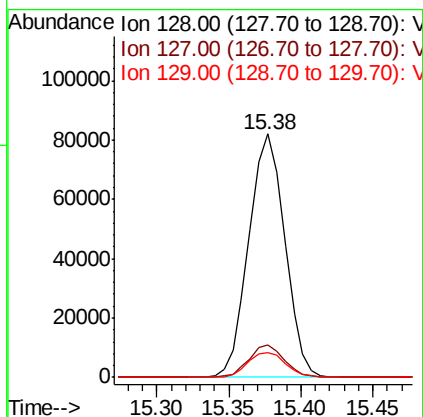
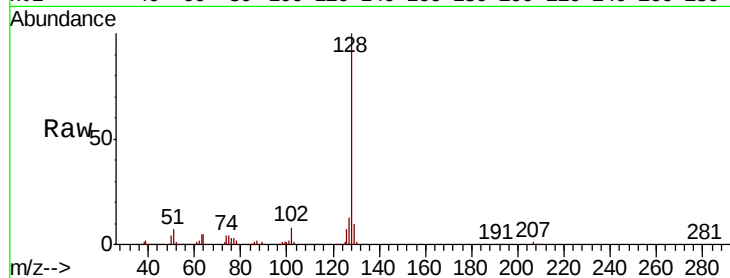




#95
Naphthalene
Concen: 19.358 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBSD01

Tgt Ion:128 Resp: 142269
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.318 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006044.D
Acq: 12 Oct 2018 12:49

Tgt Ion:180 Resp: 75012
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.8
145 30.0 15.3 45.9

