

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006548.D
 Acq On : 01 Nov 2018 02:04
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 01 03:09:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	359236	144.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.18%	
35) Dibromofluoromethane	7.88	113	389700	151.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.58%	
50) Toluene-d8	10.33	98	1514735	154.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.32%	
62) 4-Bromofluorobenzene	12.62	95	540428	147.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	213802	147.285	ug/l	99
3) Chloromethane	2.22	50	277938	147.653	ug/l	97
4) Vinyl Chloride	2.37	62	371911	139.073	ug/l	99
5) Bromomethane	2.79	94	312166	128.999	ug/l	100
6) Chloroethane	2.93	64	259321	135.759	ug/l	99
7) Trichlorofluoromethane	3.26	101	363625	147.492	ug/l	96
8) Diethyl Ether	3.68	74	177291	135.549	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	357516	136.511	ug/l	100
10) Methyl Iodide	4.26	142	650070	147.560	ug/l	100
11) Tert butyl alcohol	5.25	59	93096	574.243	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	349990	141.509	ug/l	99
13) Acrolein	3.90	56	121967	748.653	ug/l	100
14) Allyl chloride	4.67	41	468866	134.213	ug/l	98
15) Acrylonitrile	5.38	53	326762	685.343	ug/l	99
16) Acetone	4.15	43	269634	514.979	ug/l	98
17) Carbon Disulfide	4.37	76	1043458	141.262	ug/l	99
18) Methyl Acetate	4.68	43	164042	133.833	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	492467	131.313	ug/l	100
20) Methylene Chloride	4.92	84	367514	126.316	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	395302	143.053	ug/l	99
22) Diisopropyl ether	6.32	45	953957	137.145	ug/l	99
23) Vinyl Acetate	6.26	43	2721857	667.329	ug/l	99
24) 1,1-Dichloroethane	6.21	63	642733	142.561	ug/l	99
25) 2-Butanone	7.18	43	402242	611.903	ug/l	96
26) 2,2-Dichloropropane	7.17	77	378044	121.187	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	443441	144.970	ug/l	99
28) Bromochloromethane	7.51	49	247841	142.740	ug/l	100
29) Tetrahydrofuran	7.54	42	261593	646.339	ug/l	98
30) Chloroform	7.68	83	695976	141.099	ug/l	99
31) Cyclohexane	7.96	56	542614	122.312	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	601242	136.670	ug/l	99
36) 1,1-Dichloropropene	8.09	75	534472	136.047	ug/l	99
37) Ethyl Acetate	7.26	43	189206	130.263	ug/l	99
38) Carbon Tetrachloride	8.07	117	583059	136.328	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	696666	134.085	ug/l	99
40) Benzene	8.32	78	1548471	142.559	ug/l	99
41) Methacrylonitrile	7.49	41	118158	135.932	ug/l	98
42) 1,2-Dichloroethane	8.40	62	427664	134.890	ug/l	100
43) Isopropyl Acetate	8.43	43	384010	130.139	ug/l	99
44) Trichloroethene	9.09	130	473221	141.935	ug/l	98
45) 1,2-Dichloropropane	9.37	63	360342	139.187	ug/l	99
46) Dibromomethane	9.46	93	208583	140.957	ug/l	99
47) Bromodichloromethane	9.65	83	511837	143.156	ug/l	100
48) Methyl methacrylate	9.44	41	188346	134.281	ug/l	99
49) 1,4-Dioxane	9.48	88	59775	2641.806	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	968463	651.856	ug/l	100
52) Toluene	10.39	92	1052028	144.507	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	511411	144.152	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	588326	144.154	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	296019	142.629	ug/l	97
56) Ethyl methacrylate	10.65	69	364462	144.218	ug/l	99
57) 1,3-Dichloropropane	10.93	76	478853	139.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	846016	842.611	ug/l	100
59) 2-Hexanone	10.98	43	657099	622.070	ug/l	100
60) Dibromochloromethane	11.13	129	380384	147.823	ug/l	100
61) 1,2-Dibromoethane	11.24	107	299129	144.325	ug/l	100
64) Tetrachloroethene	10.87	164	453389	147.197	ug/l	99
65) Chlorobenzene	11.66	112	1202229	142.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	443770	148.417	ug/l	99
67) Ethyl Benzene	11.74	91	2044019	140.545	ug/l	99
68) m/p-Xylenes	11.84	106	1640268	284.767	ug/l	99
69) o-Xylene	12.17	106	793231	144.437	ug/l	100
70) Styrene	12.18	104	1308347	146.348	ug/l	100
71) Bromoform	12.35	173	247649	149.698	ug/l #	100
73) Isopropylbenzene	12.47	105	2160988	141.728	ug/l	100
74) N-amyl acetate	12.28	43	383785	131.871	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	327559	141.211	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	424083	252.037	ug/l #	100
77) Bromobenzene	12.75	156	540286	143.770	ug/l	99
78) n-propylbenzene	12.81	91	2435698	137.720	ug/l	100
79) 2-Chlorotoluene	12.90	91	1386062	139.363	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1786715	139.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	99419	145.945	ug/l	95
82) 4-Chlorotoluene	12.99	91	1457073	139.319	ug/l	100
83) tert-Butylbenzene	13.21	119	1607040	139.868	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1817237	139.496	ug/l	100
85) sec-Butylbenzene	13.39	105	2213457	136.768	ug/l	100
86) p-Isopropyltoluene	13.51	119	2043445	139.472	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1054655	141.038	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1029869	138.417	ug/l	100
89) n-Butylbenzene	13.83	91	1806835	135.223	ug/l	99
90) Hexachloroethane	14.10	117	354829	143.692	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	940924	141.026	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	55195	134.900	ug/l	99

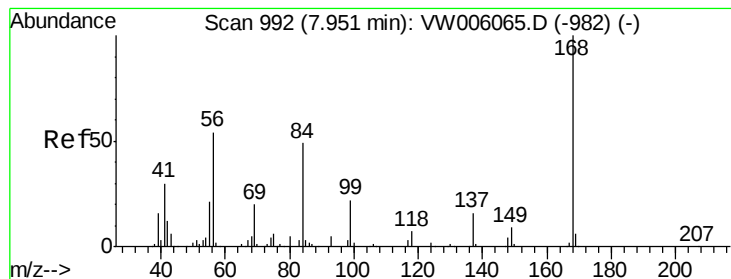
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	719436	140.034	ug/l	100
94) Hexachlorobutadiene	15.24	225	443068	138.169	ug/l	99
95) Naphthalene	15.38	128	1215602	142.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	628043	141.134	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: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

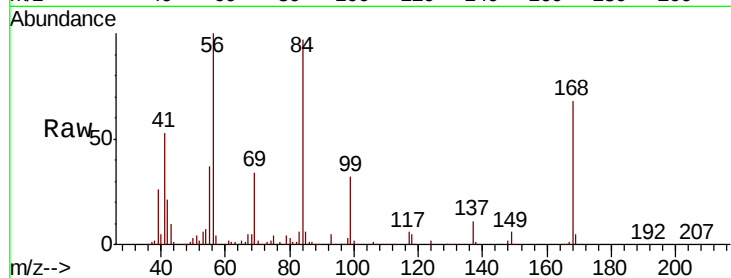
VSTDIC150

Tgt Ion:168 Resp: 296767

Ion Ratio Lower Upper

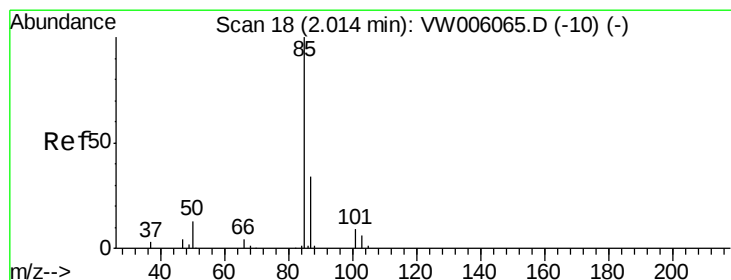
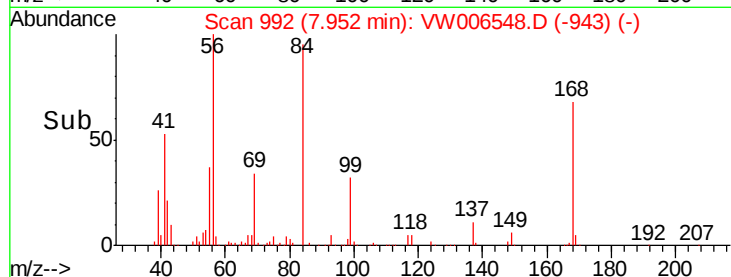
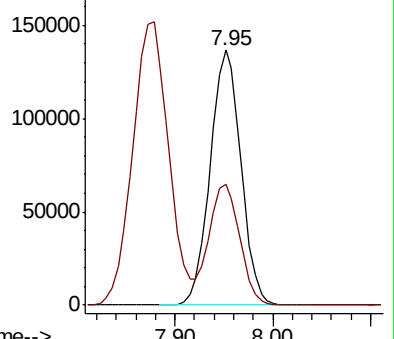
168 100

99 47.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 147.285 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006548.D

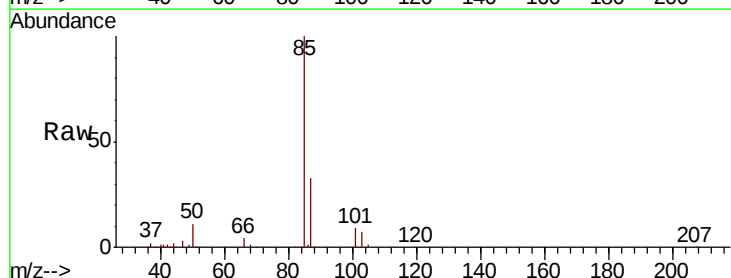
Acq: 01 Nov 2018 02:04

Tgt Ion: 85 Resp: 213802

Ion Ratio Lower Upper

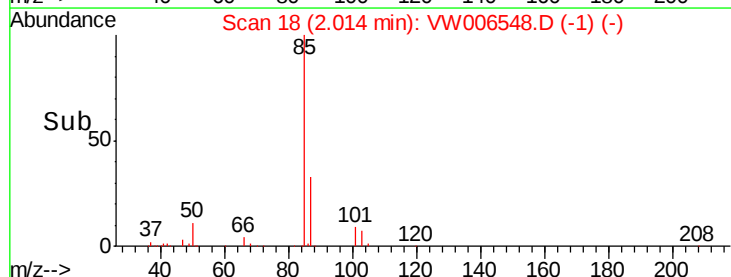
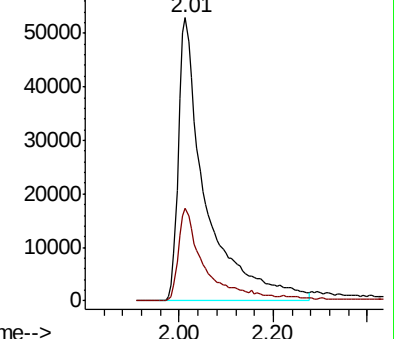
85 100

87 32.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 147.653 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

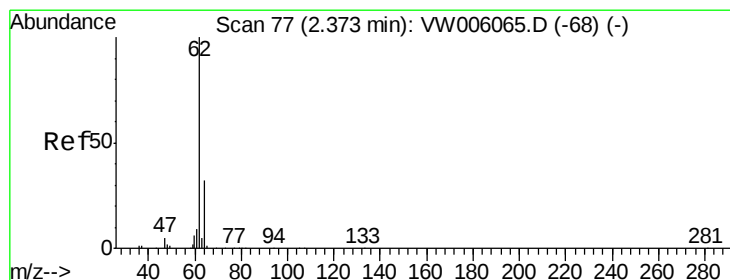
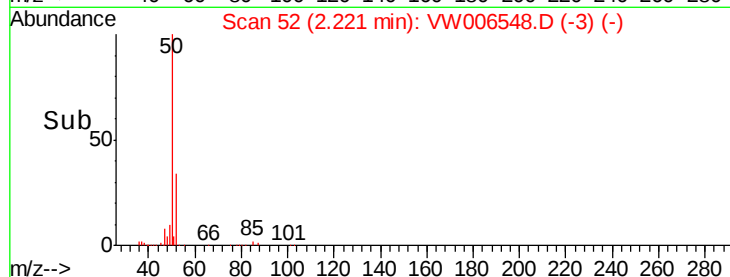
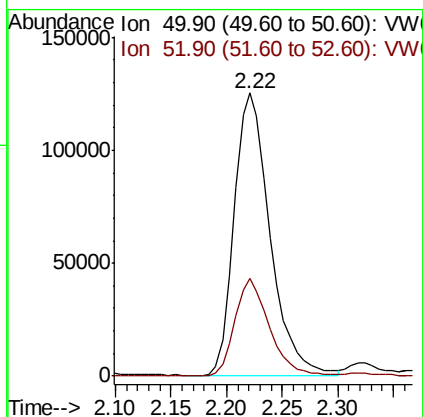
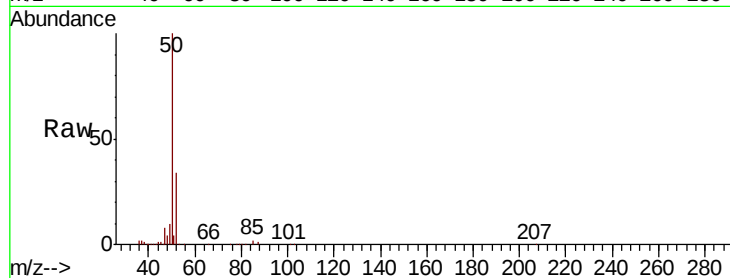
VSTDIC150

Tgt Ion: 50 Resp: 277938

Ion Ratio Lower Upper

50 100

52 34.5 26.2 39.4



#4

Vinyl Chloride

Concen: 139.073 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006548.D

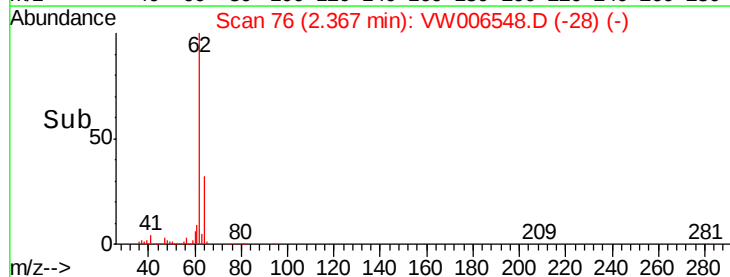
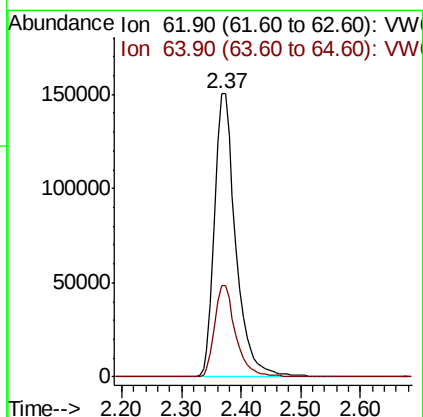
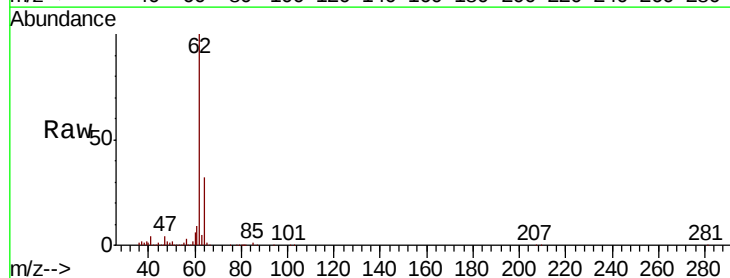
Acq: 01 Nov 2018 02:04

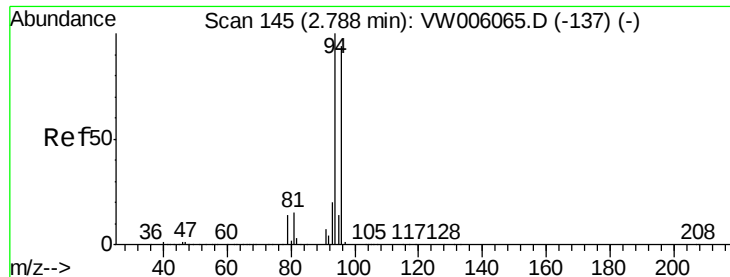
Tgt Ion: 62 Resp: 371911

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 128.999 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

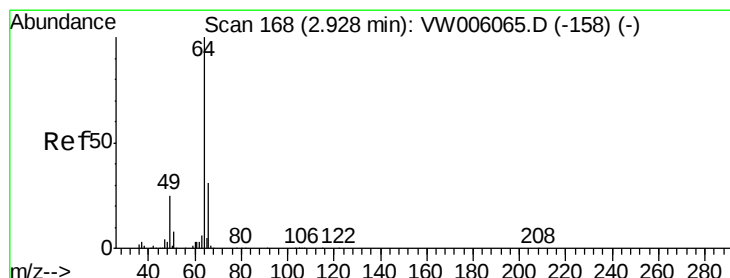
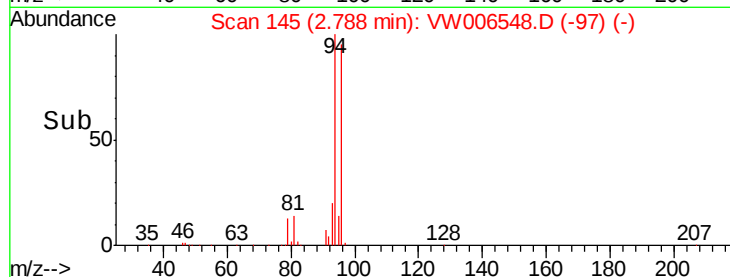
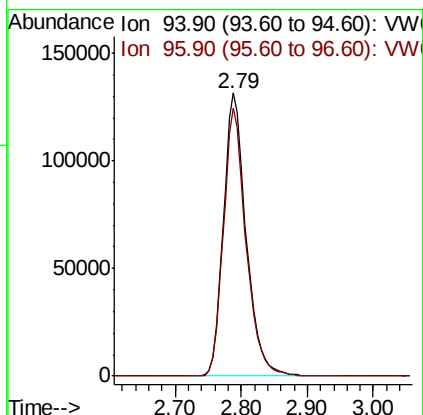
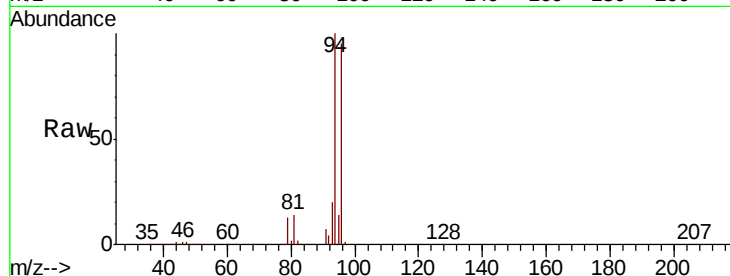
VSTDIC150

Tgt Ion: 94 Resp: 312166

Ion Ratio Lower Upper

94 100

96 94.9 75.7 113.5



#6

Chloroethane

Concen: 135.759 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006548.D

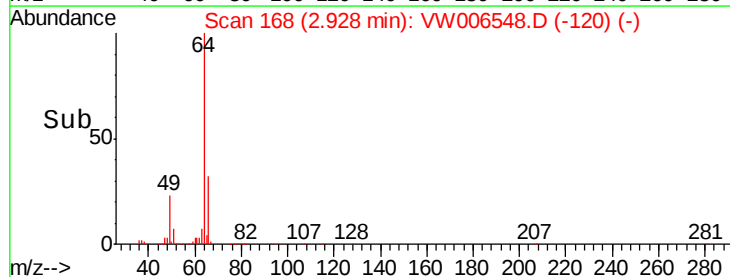
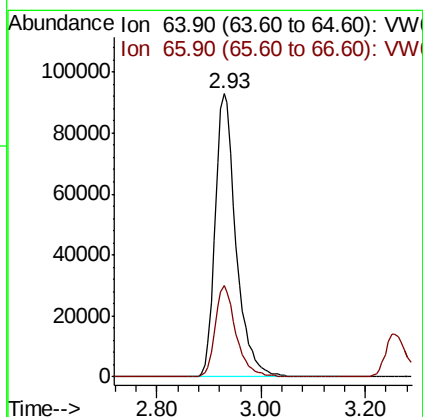
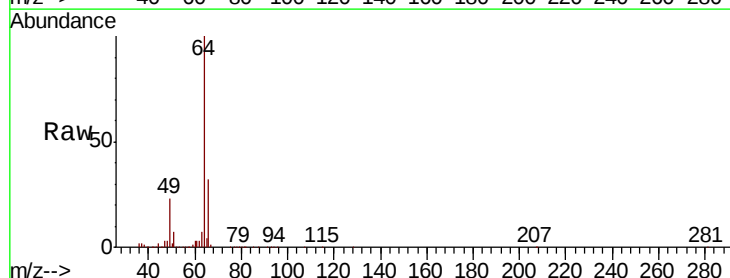
Acq: 01 Nov 2018 02:04

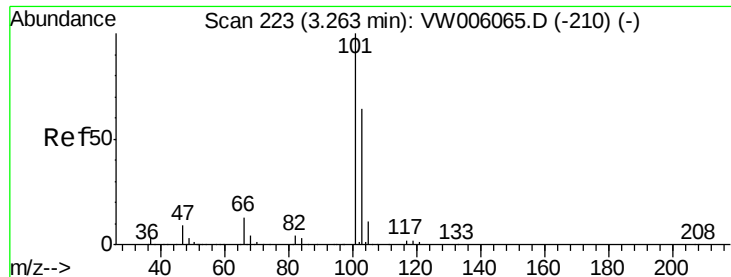
Tgt Ion: 64 Resp: 259321

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9



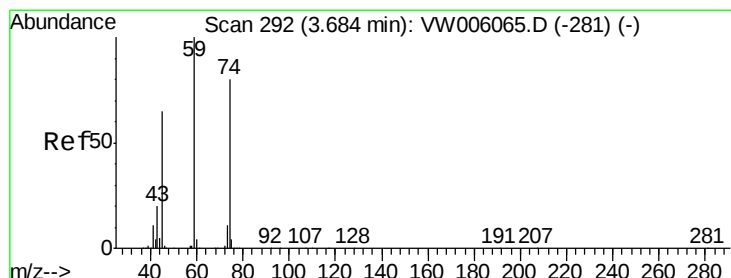
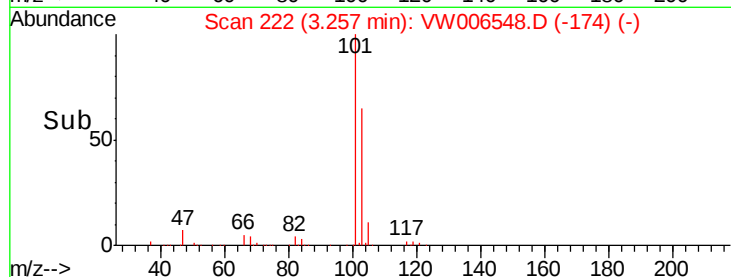
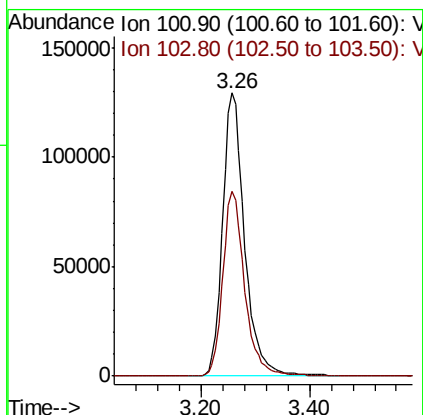
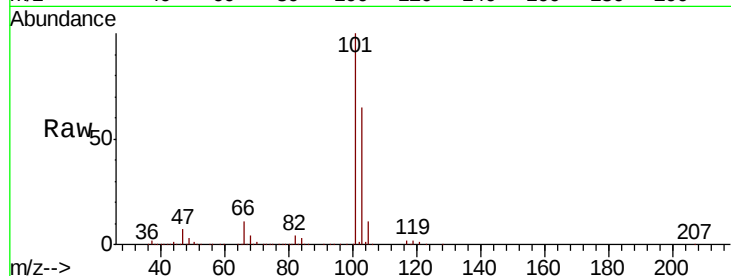


#7

Trichlorofluoromethane
Concen: 147.492 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
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VSTDIC150

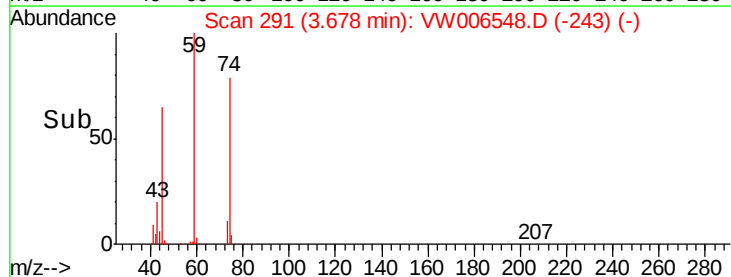
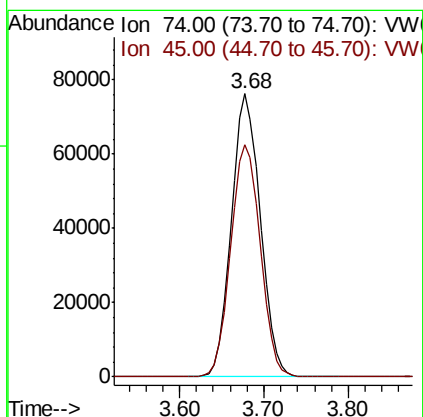
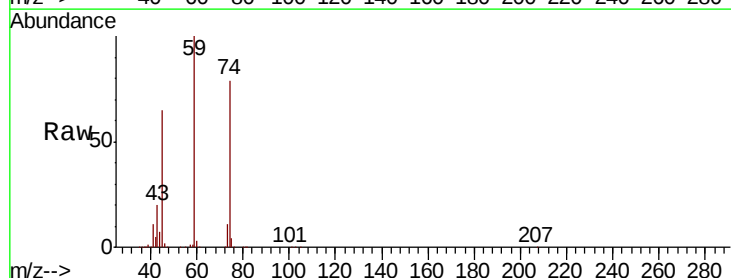
Tgt Ion:101 Resp: 363625
Ion Ratio Lower Upper
101 100
103 65.4 49.8 74.8



#8

Diethyl Ether
Concen: 135.549 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 74 Resp: 177291
Ion Ratio Lower Upper
74 100
45 84.1 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.511 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

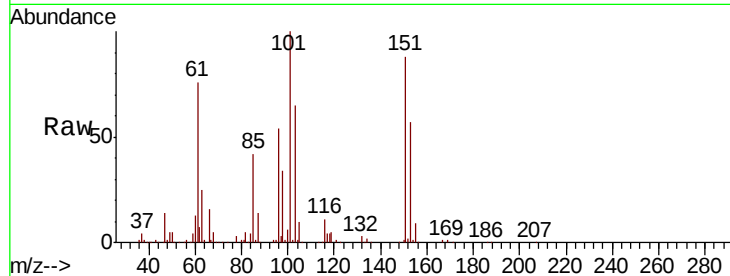
Tgt Ion:101 Resp: 357516

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

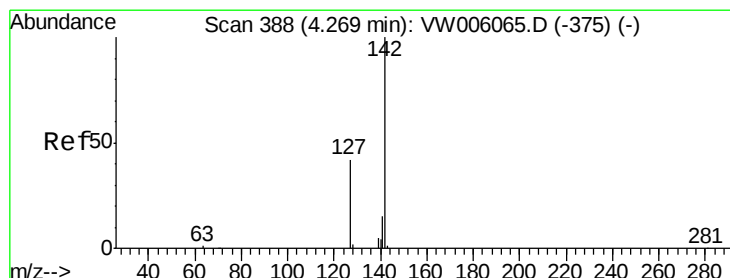
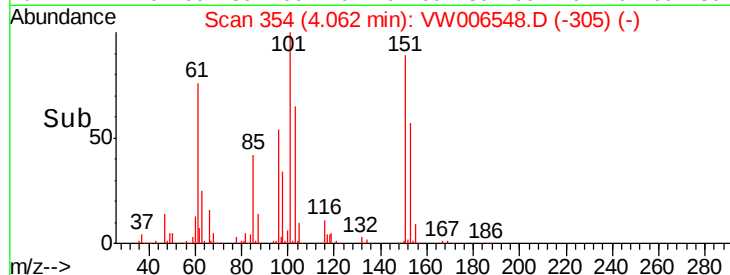
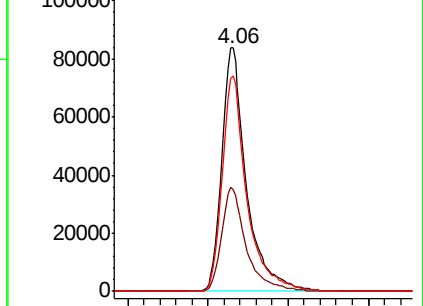
151 88.7 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 147.560 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

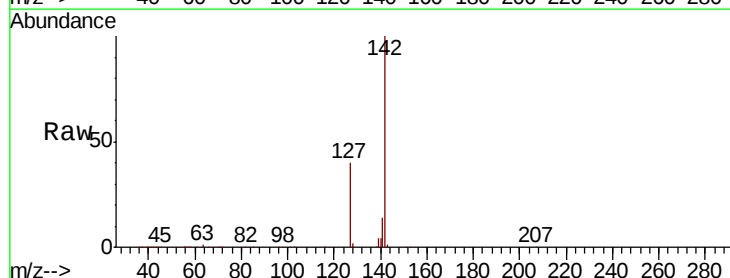
Tgt Ion:142 Resp: 650070

Ion Ratio Lower Upper

142 100

127 40.4 32.3 48.5

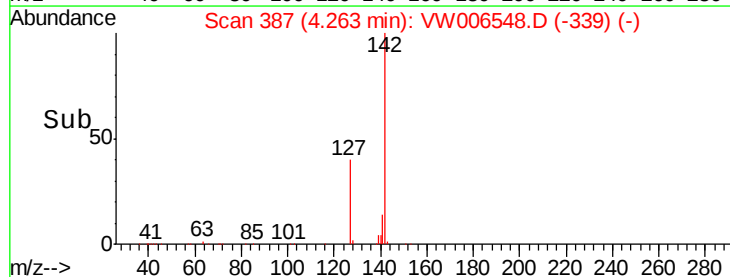
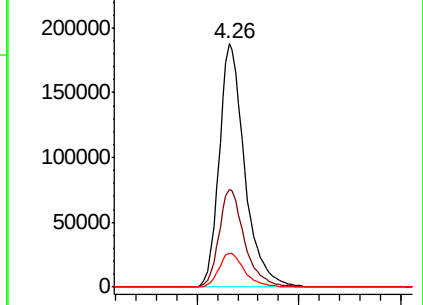
141 14.1 11.3 16.9

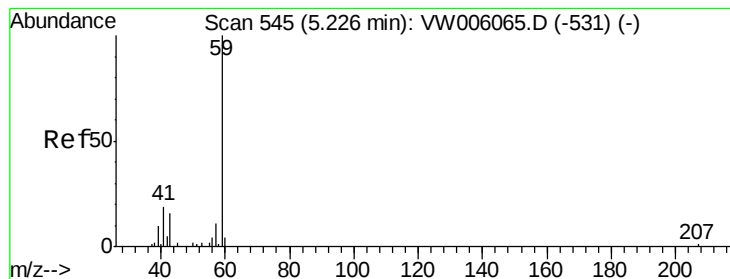


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



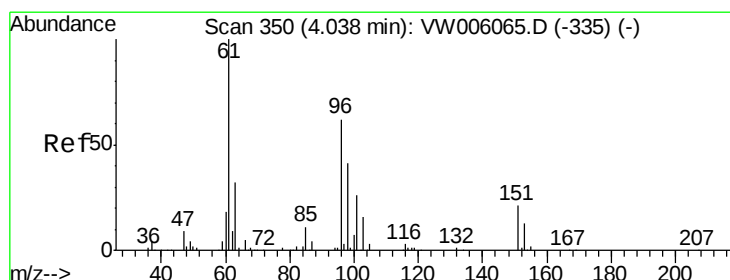
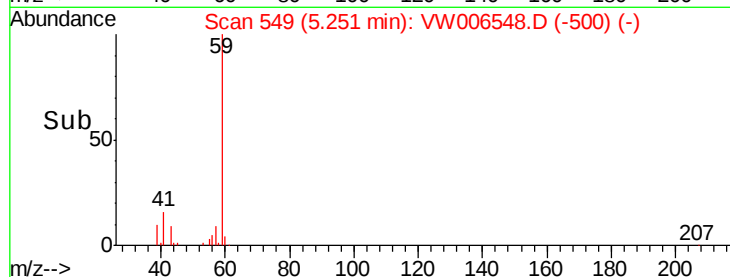
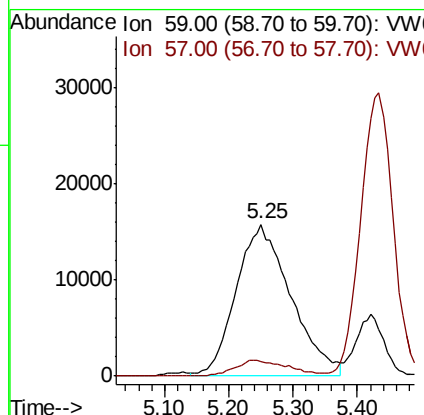
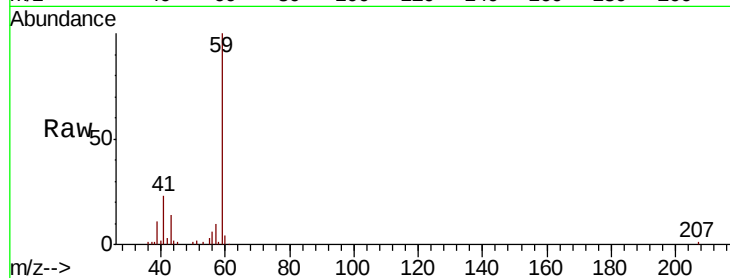


#11

Tert butyl alcohol
Concen: 574.243 ug/l
RT: 5.25 min Scan# 549
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

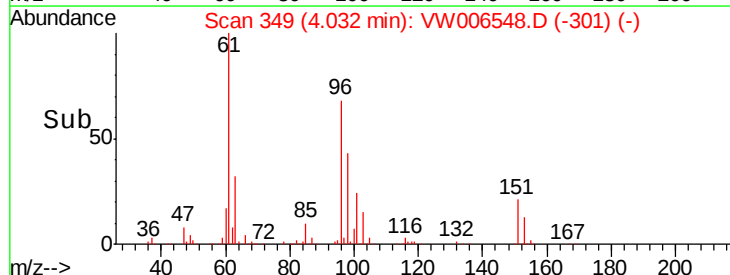
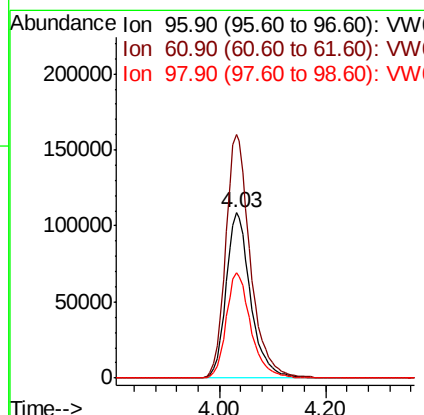
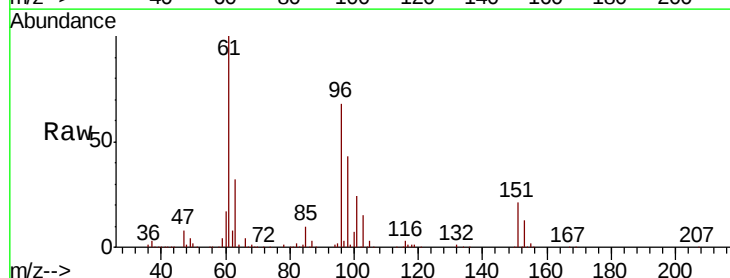
Tgt Ion: 59 Resp: 93096
Ion Ratio Lower Upper
59 100
57 10.5 4.3 6.5#

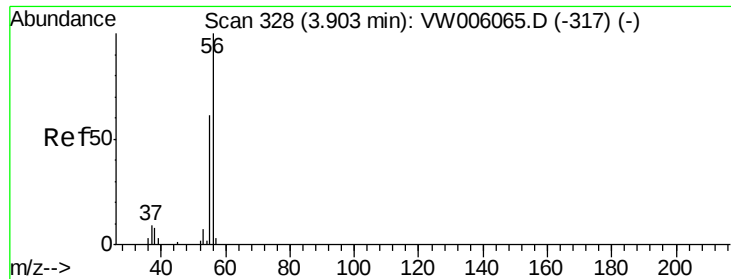


#12

1,1-Dichloroethene
Concen: 141.509 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 96 Resp: 349990
Ion Ratio Lower Upper
96 100
61 147.6 117.0 175.4
98 63.9 52.5 78.7

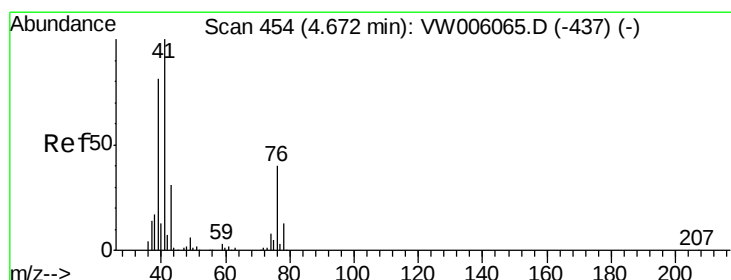
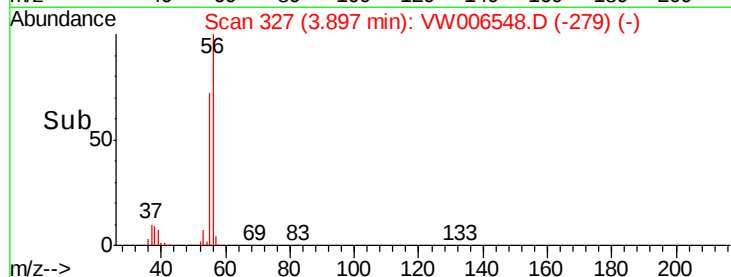
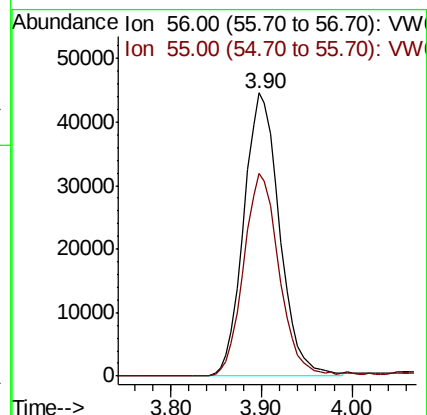
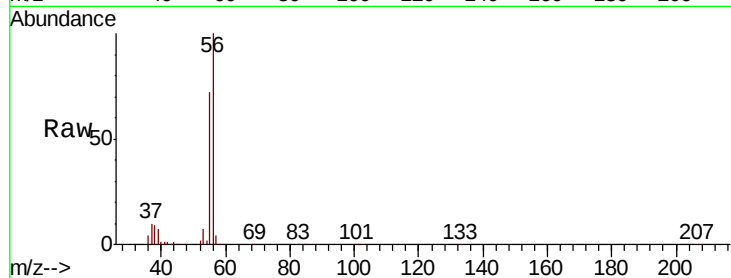




#13
Acrolein
Concen: 748.653 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

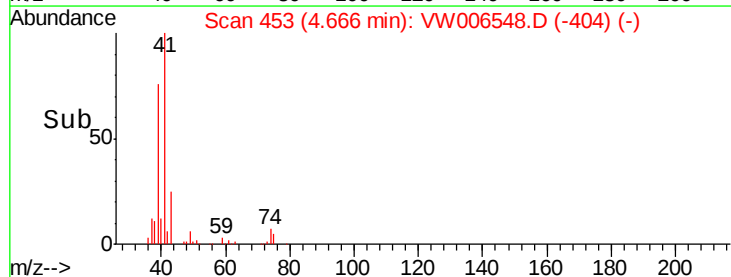
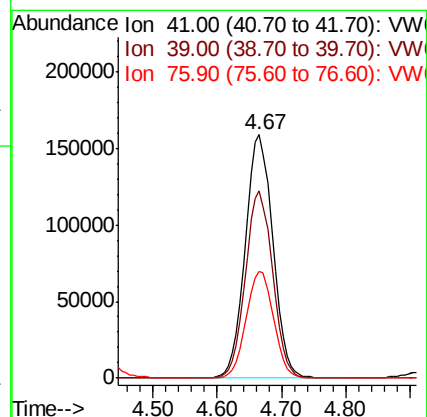
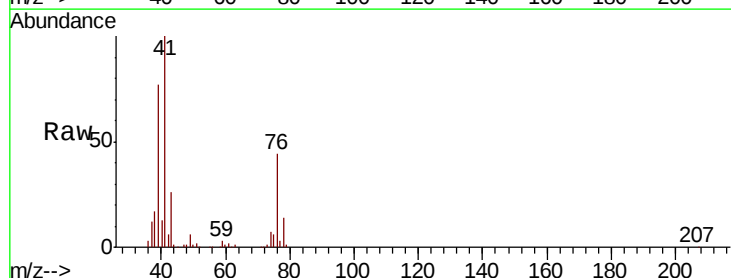
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

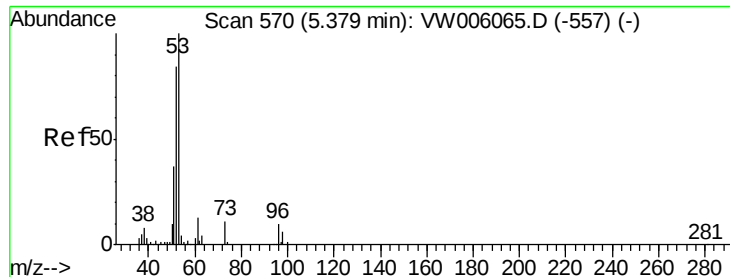
Tgt Ion: 56 Resp: 121967
Ion Ratio Lower Upper
56 100
55 71.2 56.9 85.3



#14
Allyl chloride
Concen: 134.213 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 41 Resp: 468866
Ion Ratio Lower Upper
41 100
39 75.8 62.1 93.1
76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 685.343 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

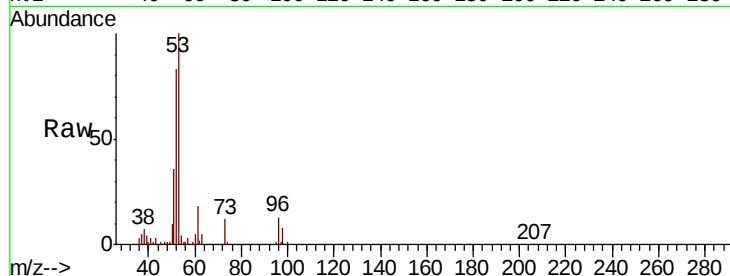
Tgt Ion: 53 Resp: 326762

Ion Ratio Lower Upper

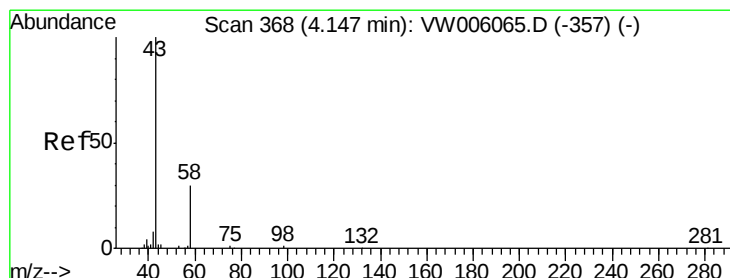
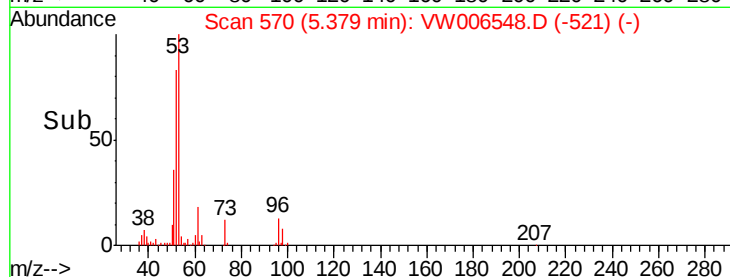
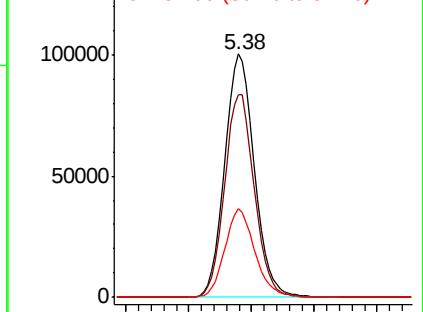
53 100

52 84.0 65.8 98.8

51 37.2 29.6 44.4



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: 514.979 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006548.D

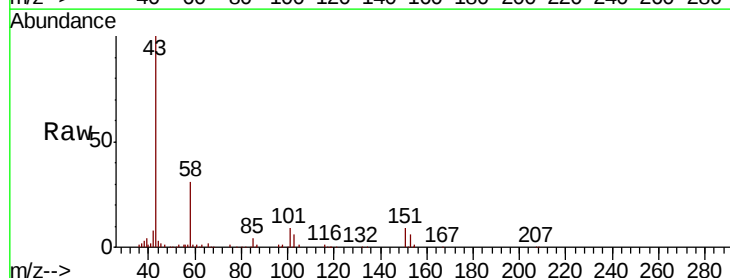
Acq: 01 Nov 2018 02:04

Tgt Ion: 43 Resp: 269634

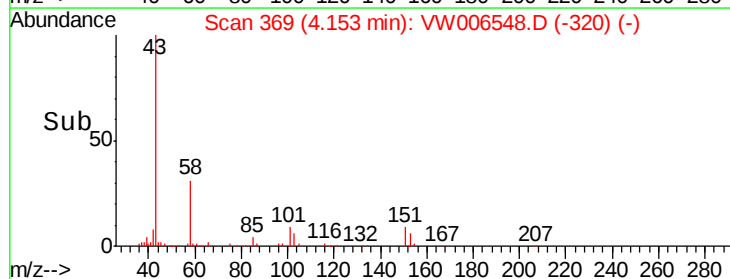
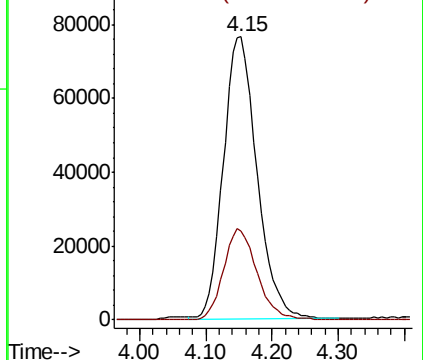
Ion Ratio Lower Upper

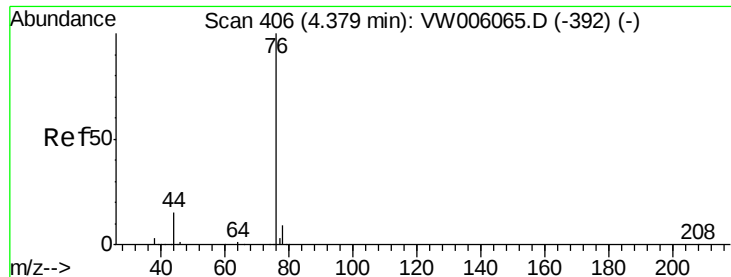
43 100

58 31.1 25.8 38.8



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

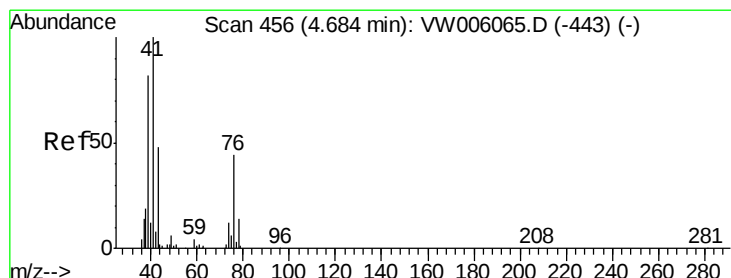
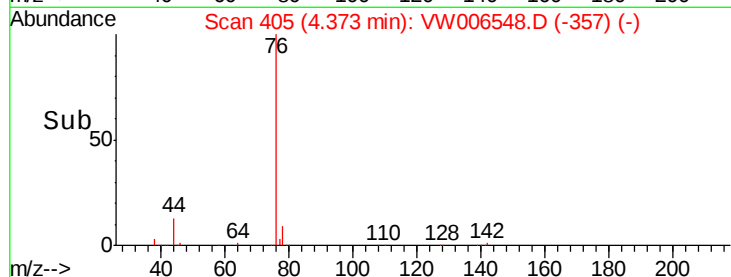
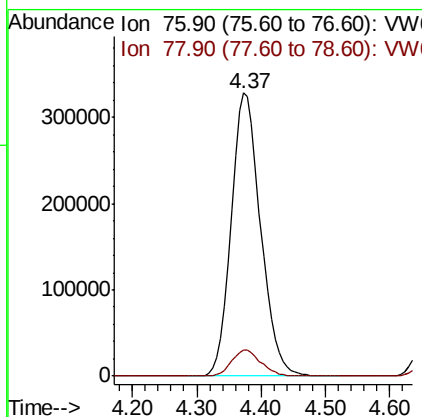
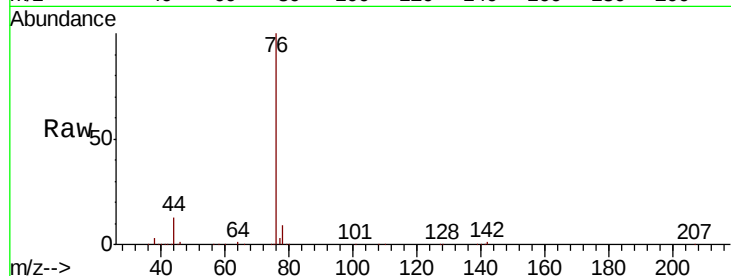




#17
Carbon Disulfide
Concen: 141.262 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

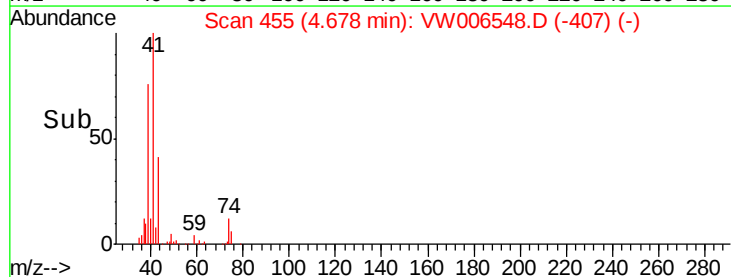
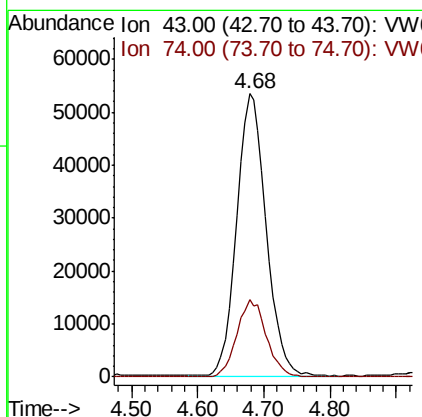
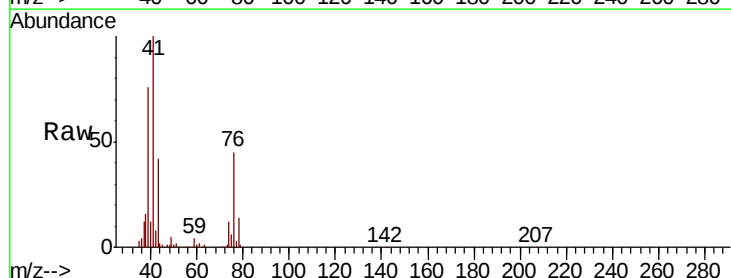
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

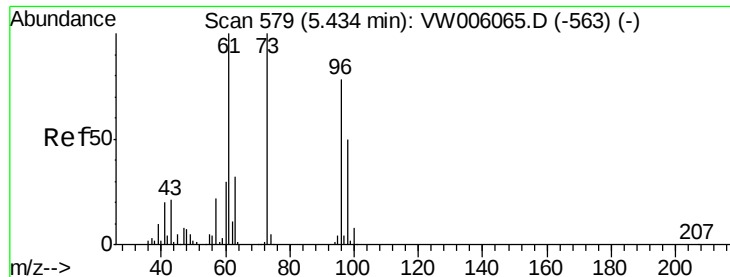
Tgt Ion: 76 Resp: 1043458
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 133.833 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 43 Resp: 164042
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9

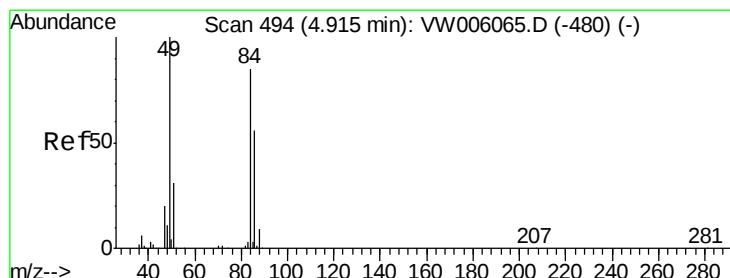
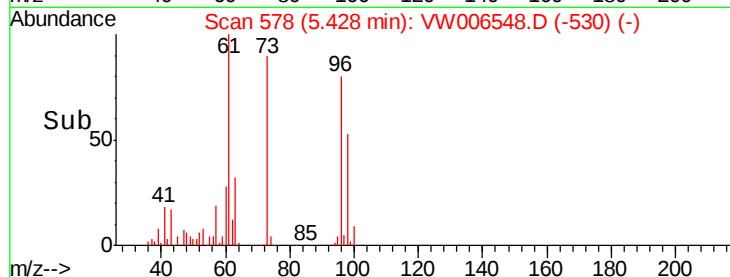
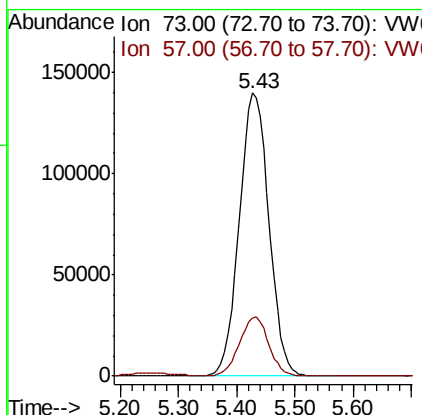
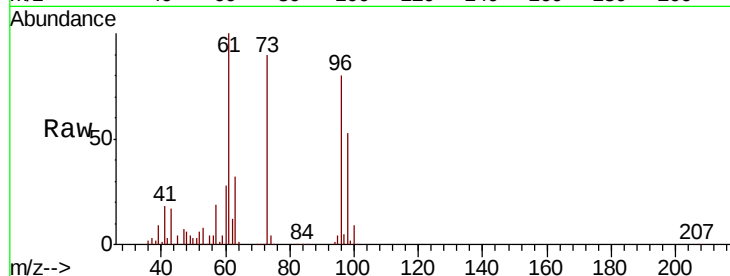




#19
Methyl tert-butyl Ether
Concen: 131.313 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

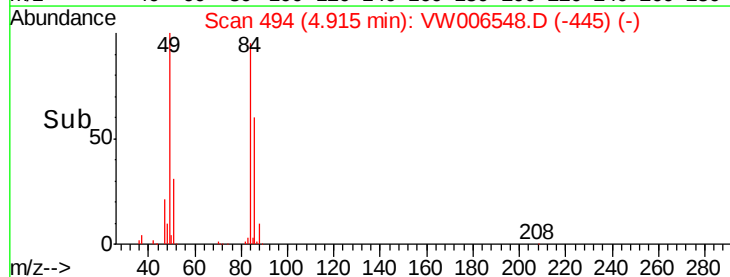
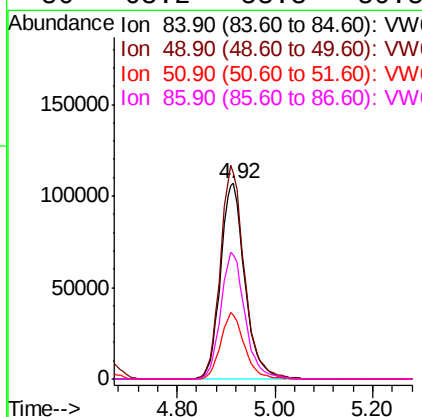
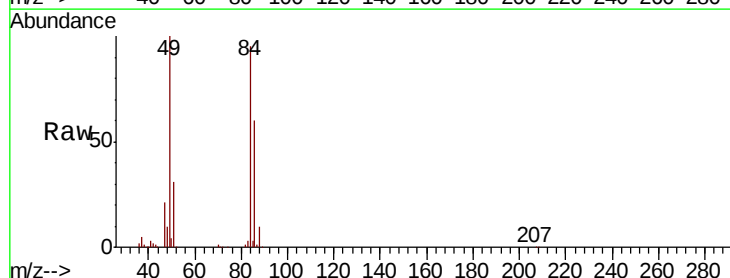
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

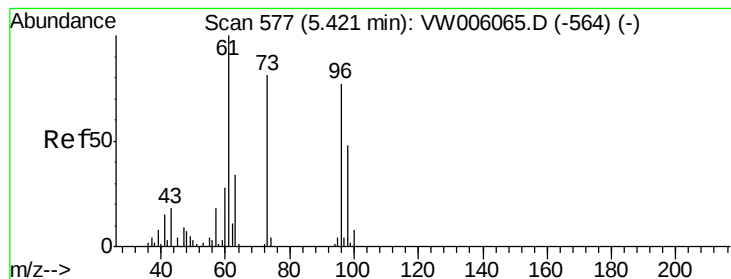
Tgt Ion: 73 Resp: 492467
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1



#20
Methylene Chloride
Concen: 126.316 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 84 Resp: 367514
Ion Ratio Lower Upper
84 100
49 105.1 88.2 132.4
51 32.8 27.0 40.6
86 63.2 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 143.053 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

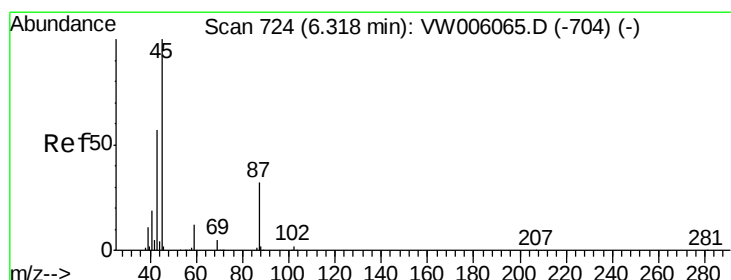
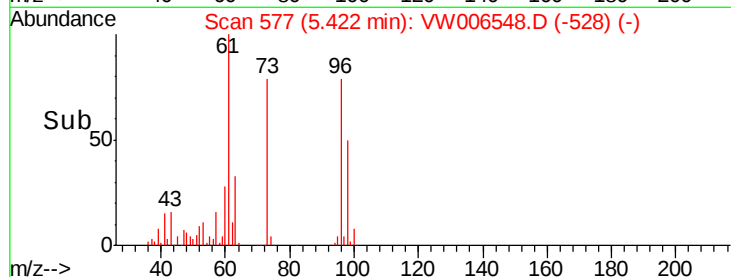
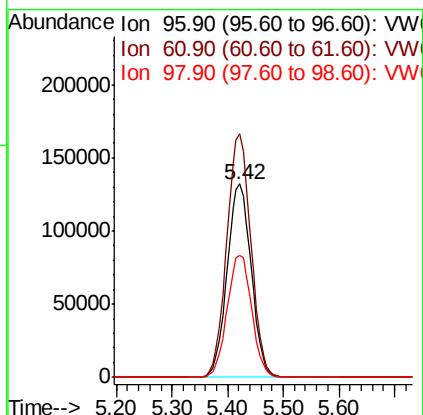
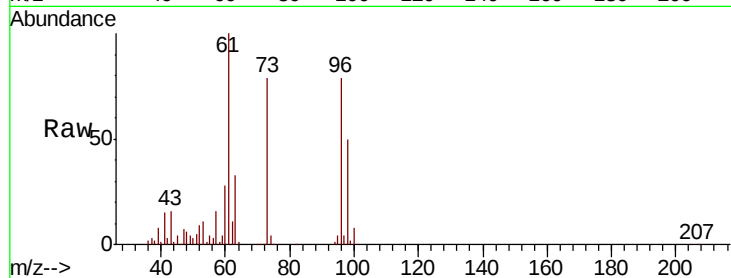
Tgt Ion: 96 Resp: 395302

Ion Ratio Lower Upper

96 100

61 126.0 100.6 150.8

98 63.2 52.9 79.3



#22

Diisopropyl ether

Concen: 137.145 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion: 45 Resp: 953957

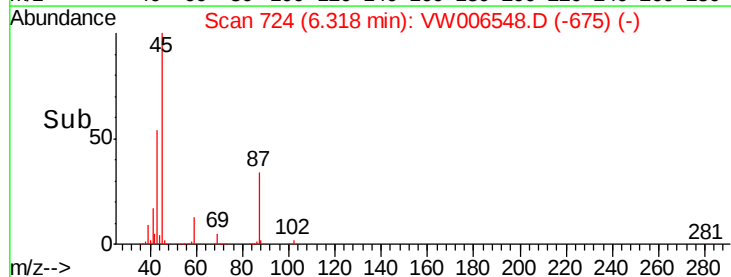
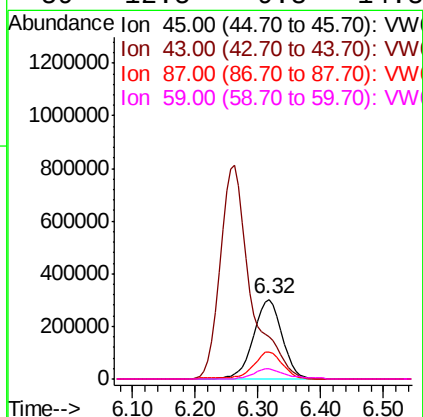
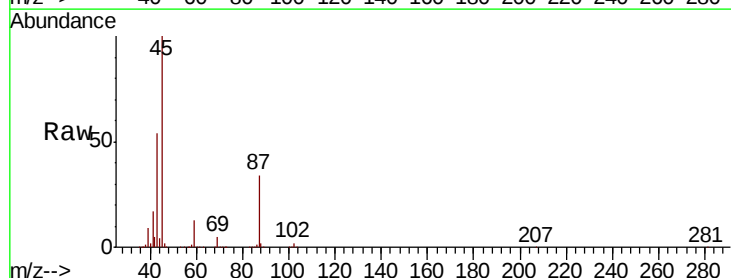
Ion Ratio Lower Upper

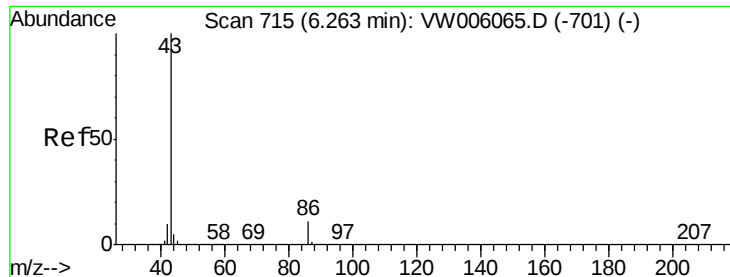
45 100

43 53.5 43.6 65.4

87 34.0 26.3 39.5

59 12.5 9.8 14.8





#23

Vinyl Acetate

Concen: 667.329 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

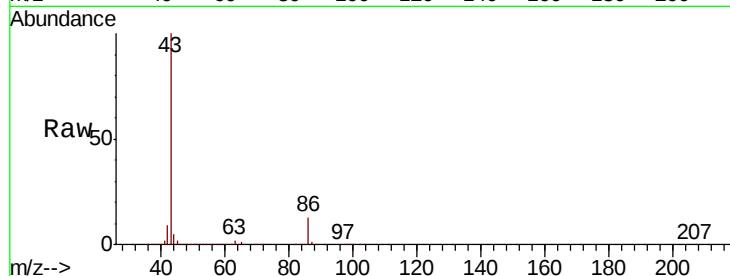
VSTDIC150

Tgt Ion: 43 Resp: 2721857

Ion Ratio Lower Upper

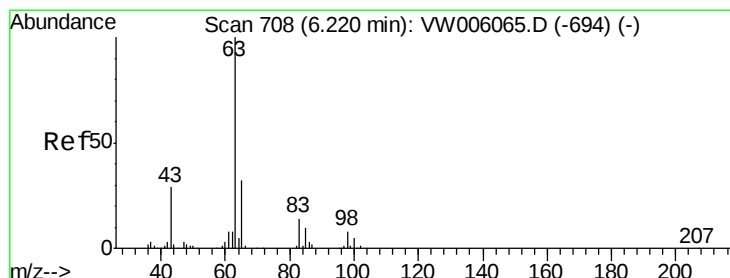
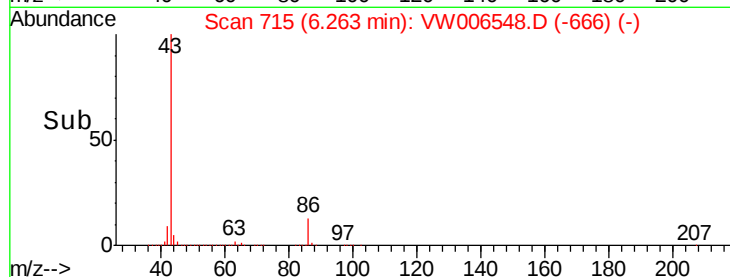
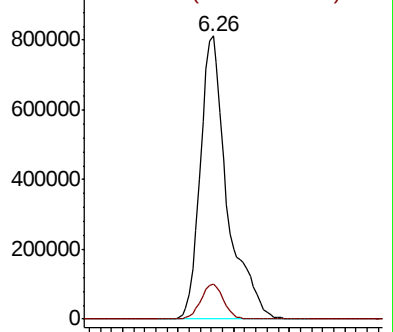
43 100

86 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 142.561 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

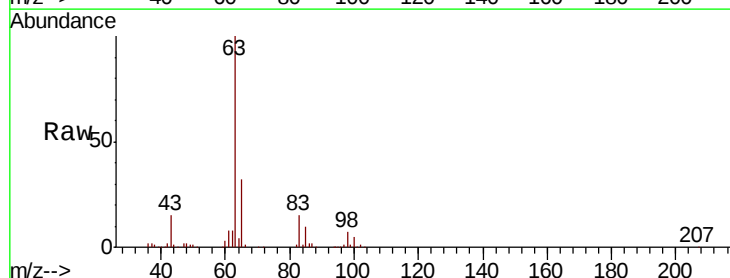
Tgt Ion: 63 Resp: 642733

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

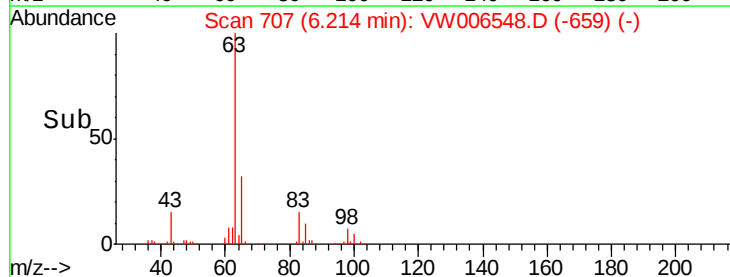
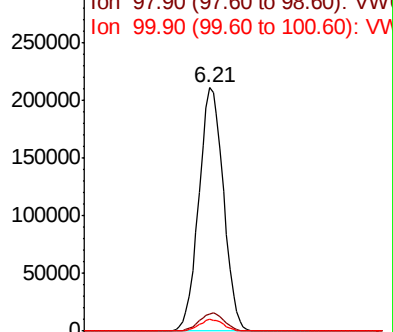
100 4.8 2.4 7.2

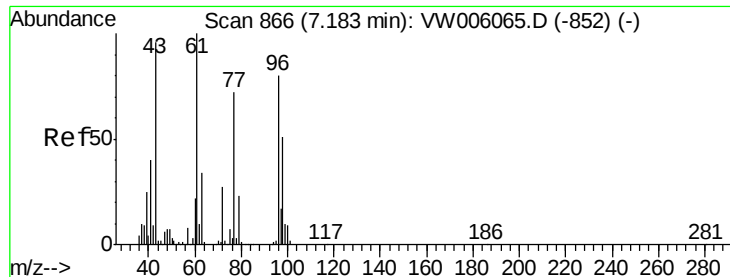


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 611.903 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

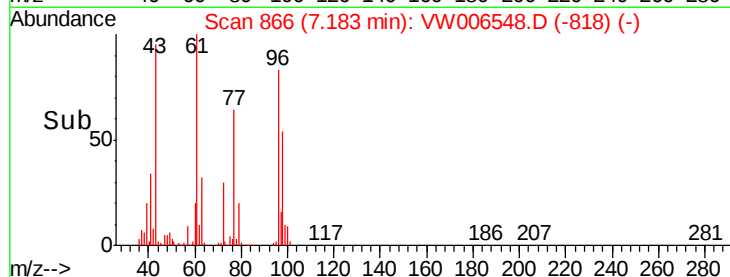
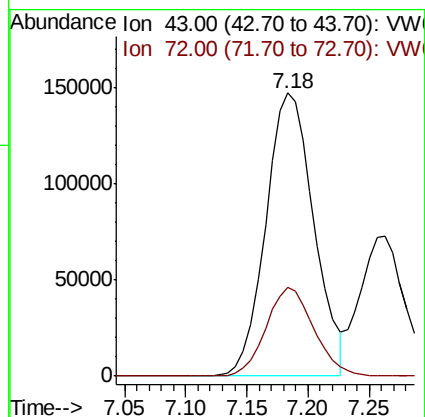
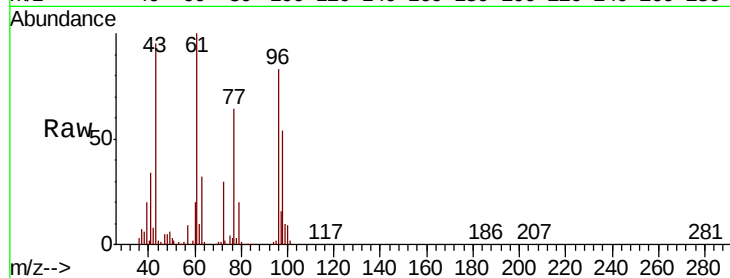
VSTDIC150

Tgt Ion: 43 Resp: 402242

Ion Ratio Lower Upper

43 100

72 31.4 23.2 34.8



#26

2,2-Dichloropropane

Concen: 121.187 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006548.D

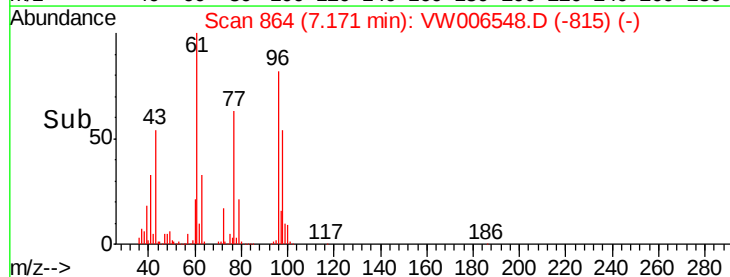
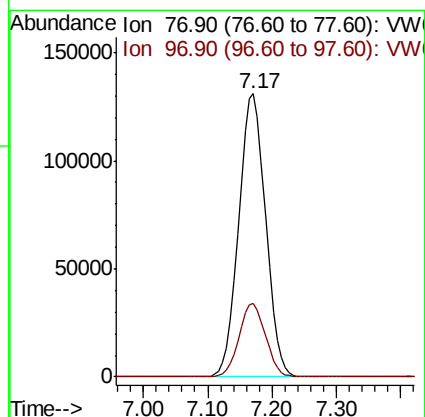
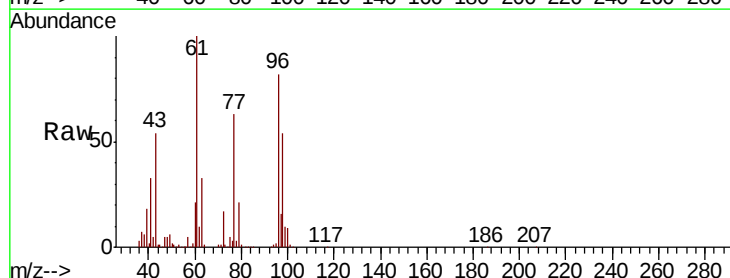
Acq: 01 Nov 2018 02:04

Tgt Ion: 77 Resp: 378044

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.4



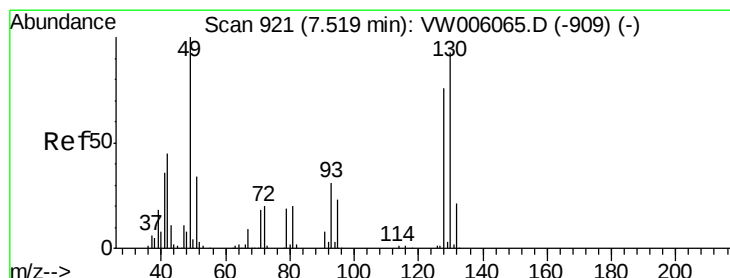
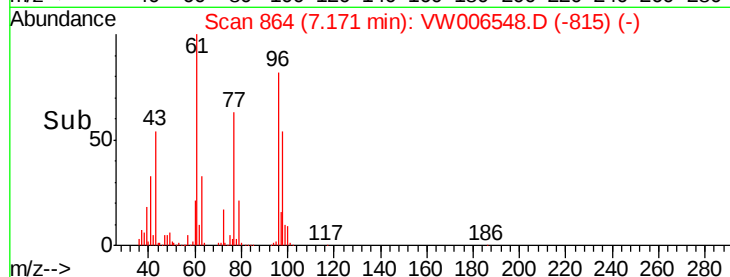
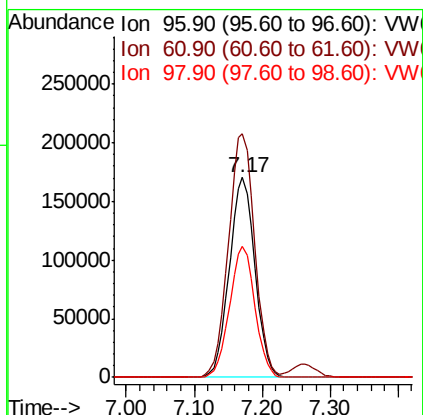
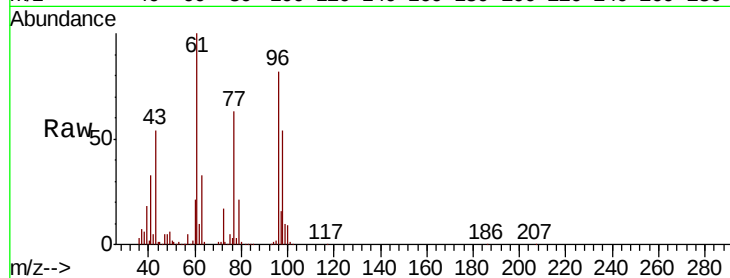


#27

cis-1,2-Dichloroethene
 Concen: 144.970 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

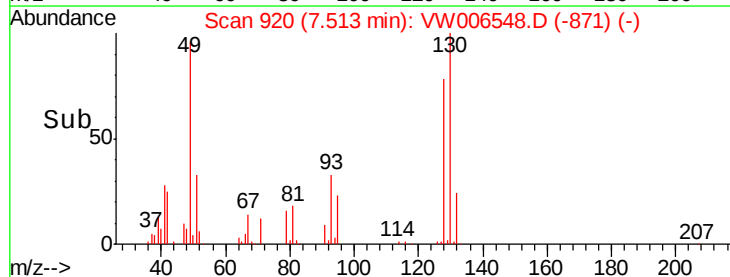
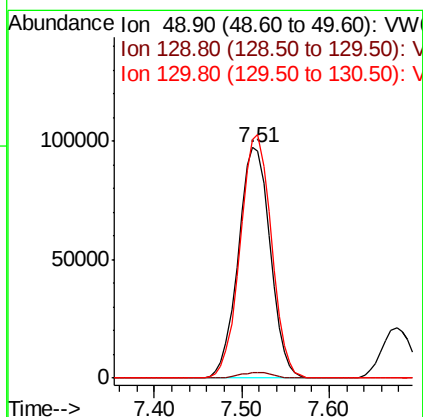
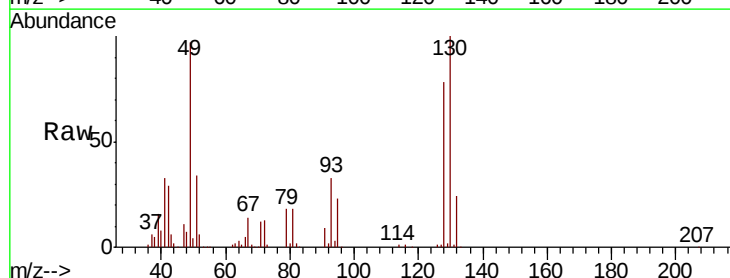
Tgt Ion: 96 Resp: 443441
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 254.2
 98 64.6 0.0 129.6

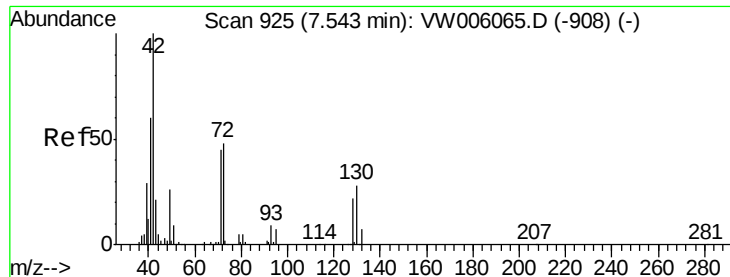


#28

Bromochloromethane
 Concen: 142.740 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 49 Resp: 247841
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 103.1 82.2 123.2

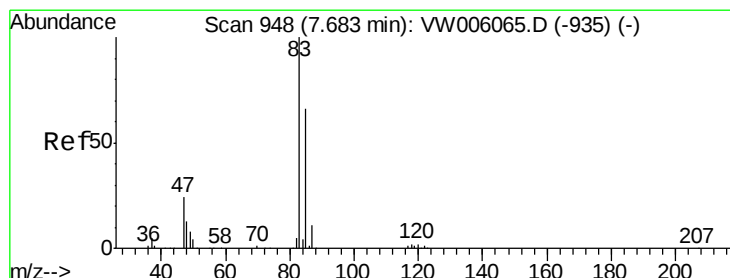
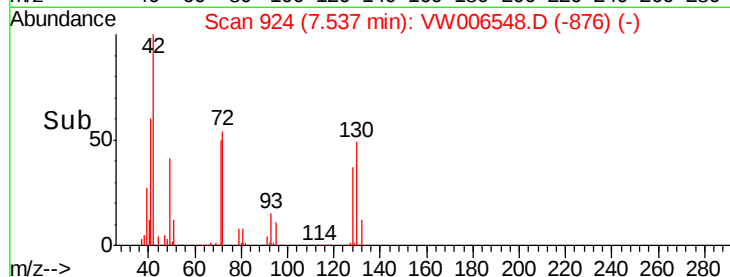
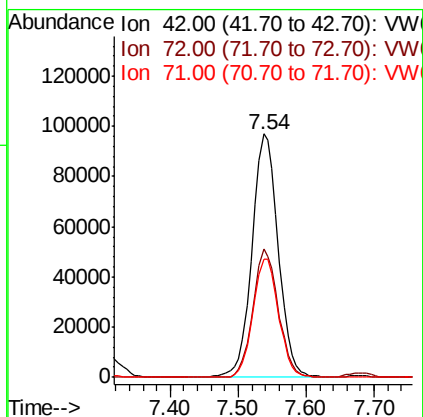
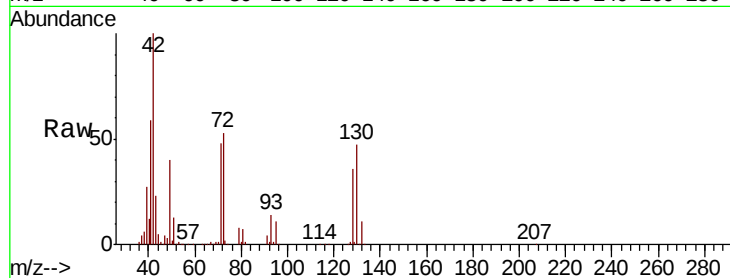




#29
Tetrahydrofuran
Concen: 646.339 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

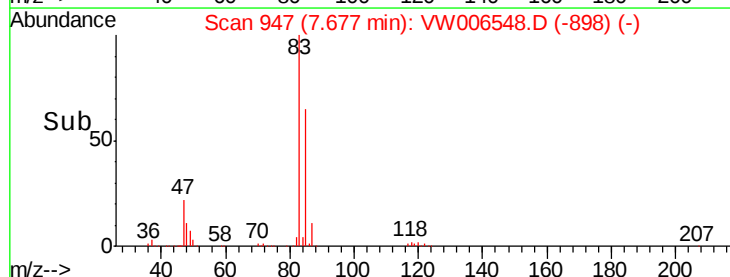
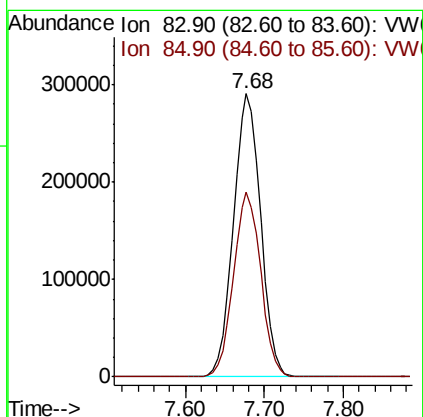
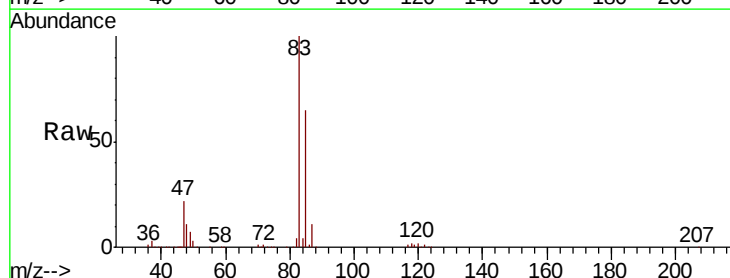
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

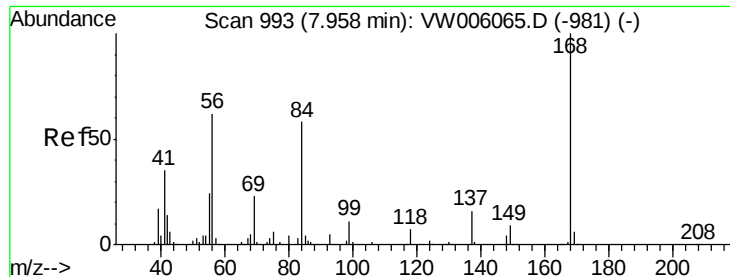
Tgt Ion: 42 Resp: 261593
Ion Ratio Lower Upper
42 100
72 50.8 39.2 58.8
71 47.6 37.6 56.4



#30
Chloroform
Concen: 141.099 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 83 Resp: 695976
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

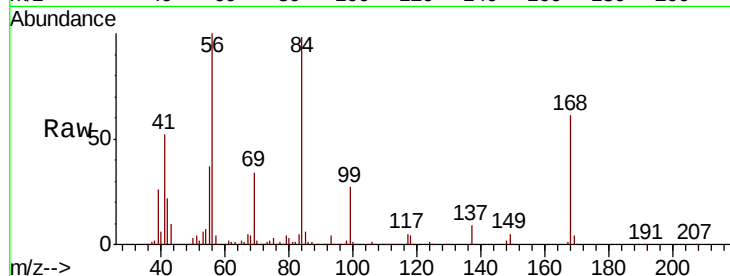




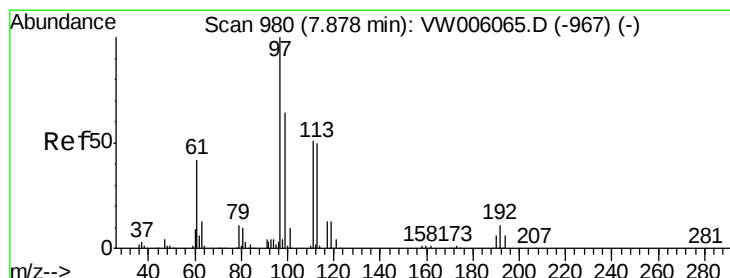
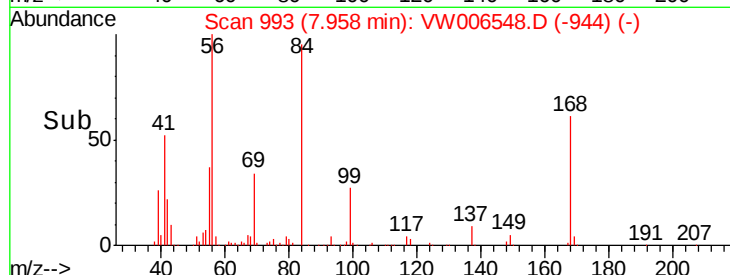
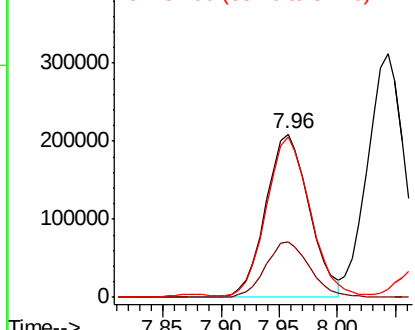
#31
Cyclohexane
Concen: 122.312 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 542614
Ion Ratio Lower Upper
56 100
69 34.1 29.0 43.4
84 96.2 77.8 116.6

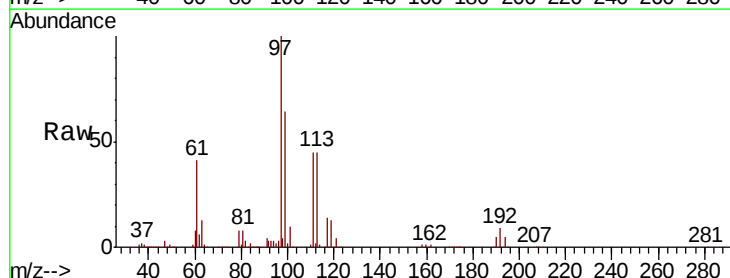


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

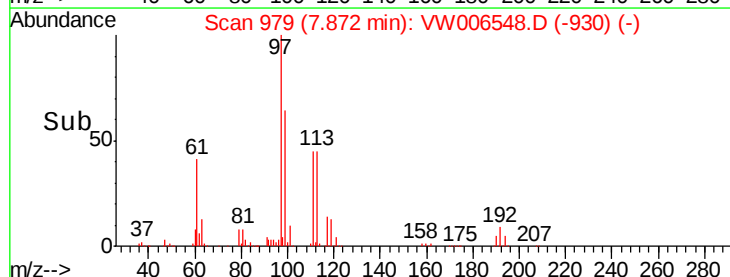
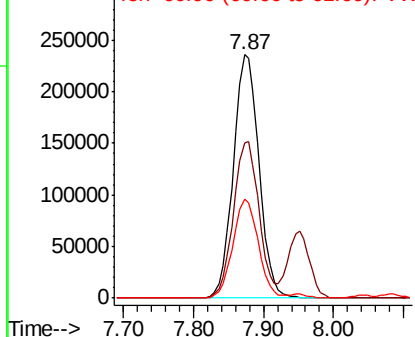


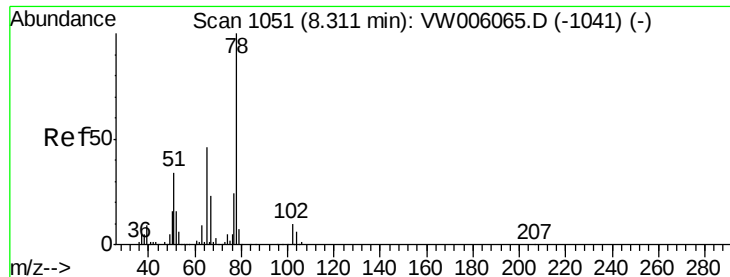
#32
1,1,1-Trichloroethane
Concen: 136.670 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 97 Resp: 601242
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 40.1 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 144.592 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

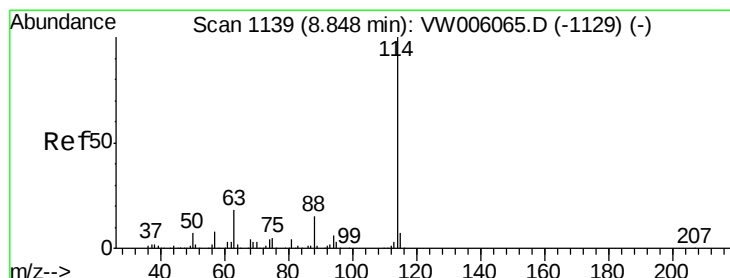
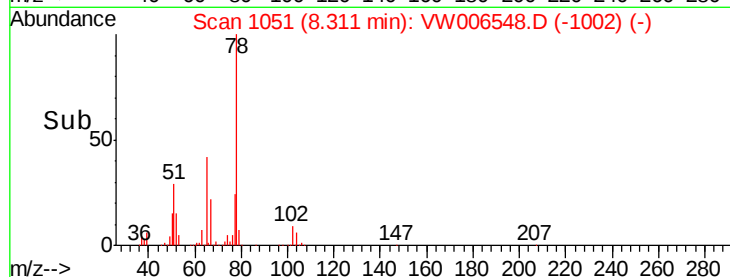
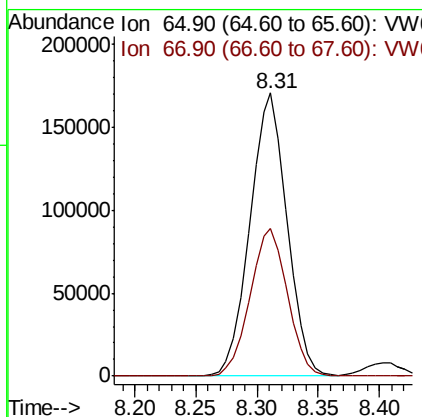
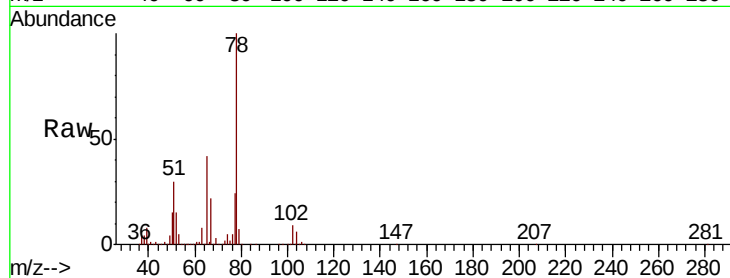
VSTDIC150

Tgt Ion: 65 Resp: 359236

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

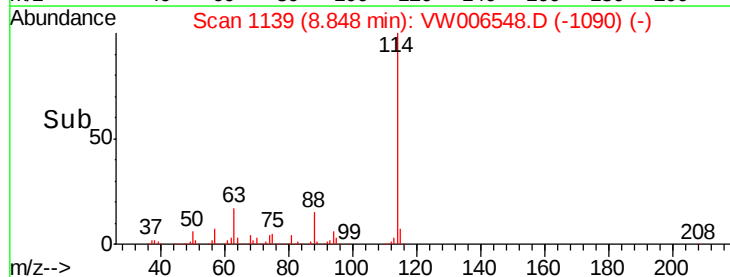
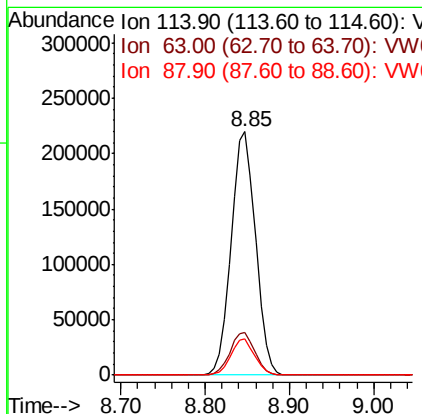
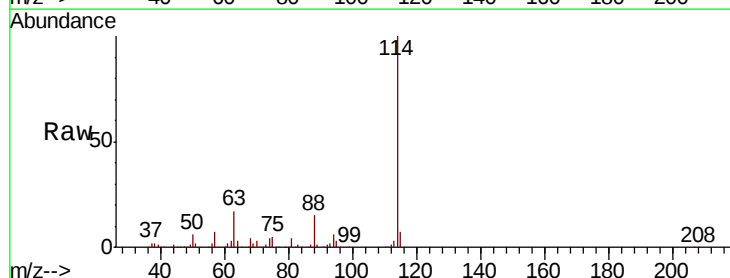
Tgt Ion: 114 Resp: 429353

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.9 0.0 29.0

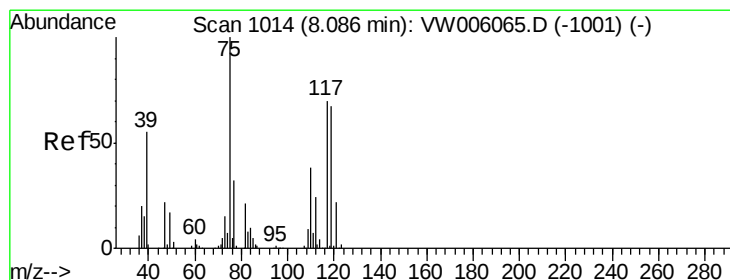
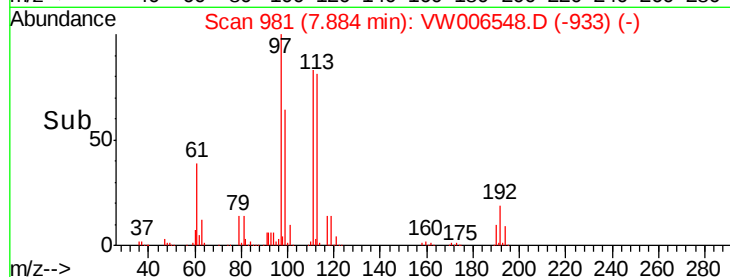
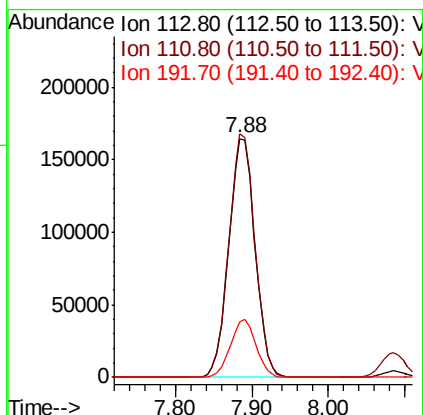
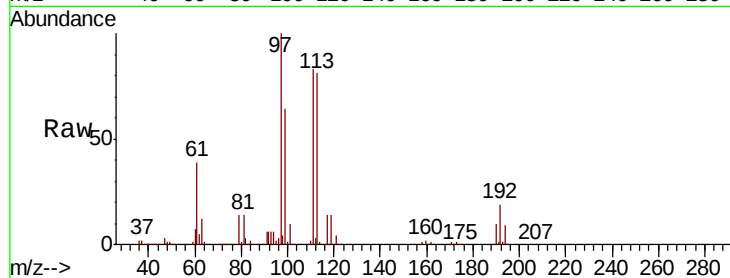




#35
 Dibromofluoromethane
 Concen: 151.792 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

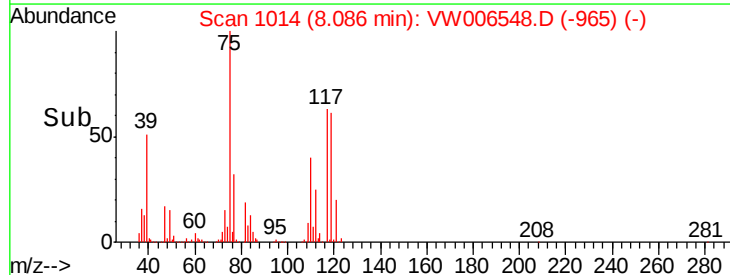
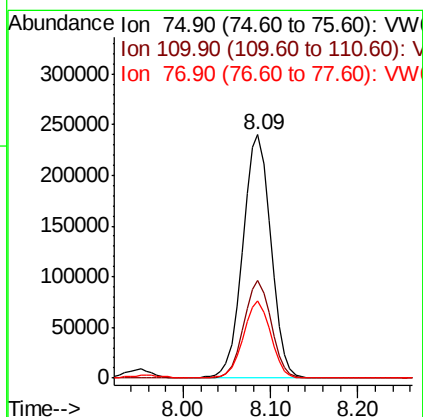
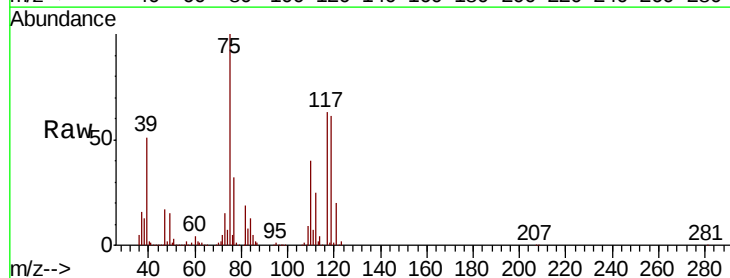
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

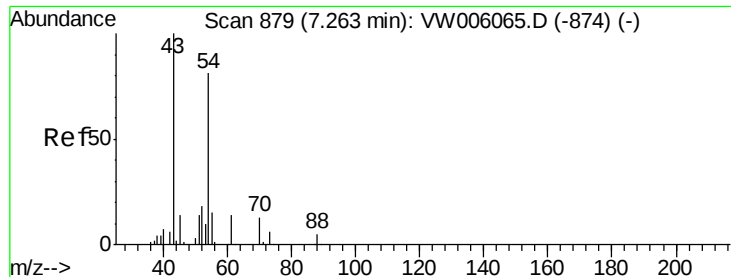
Tgt Ion: 113 Resp: 389700
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 136.047 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 75 Resp: 534472
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.5 58.5
 77 31.2 24.6 37.0

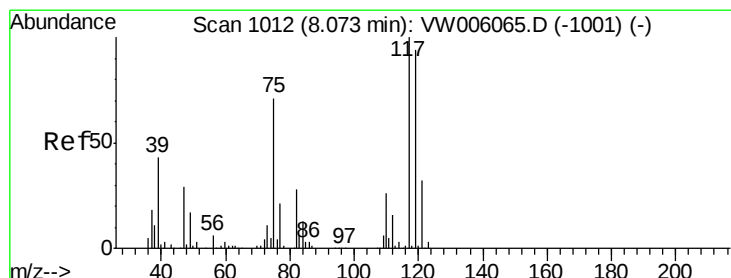
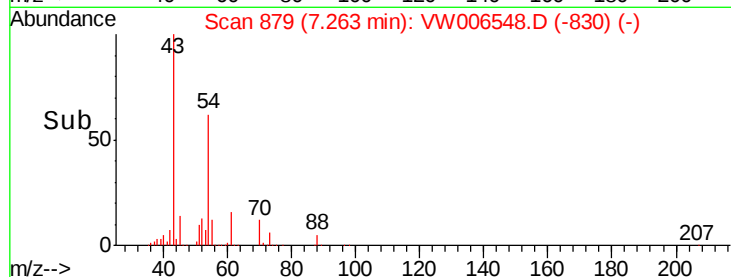
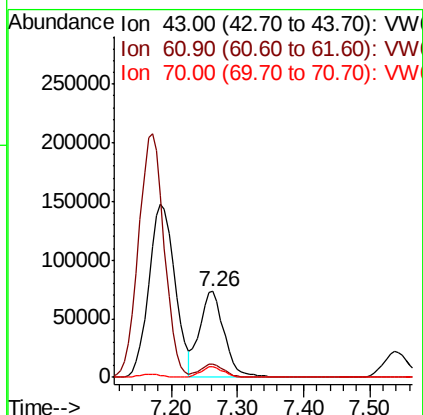
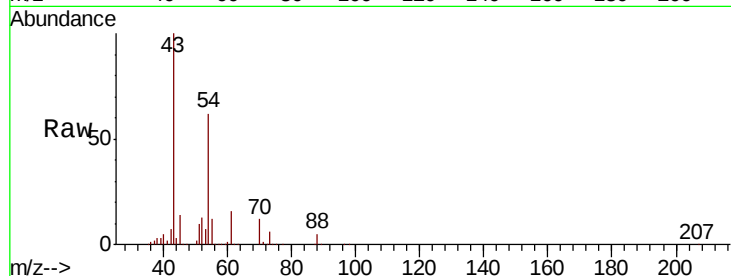




#37
Ethyl Acetate
Concen: 130.263 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

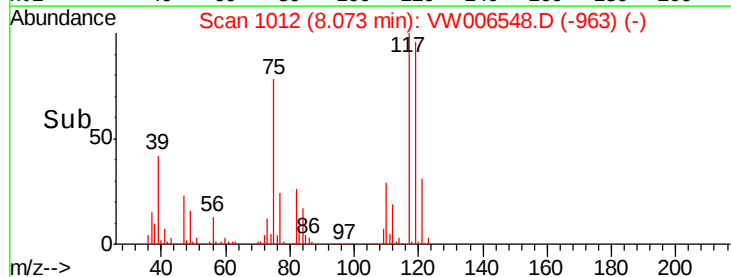
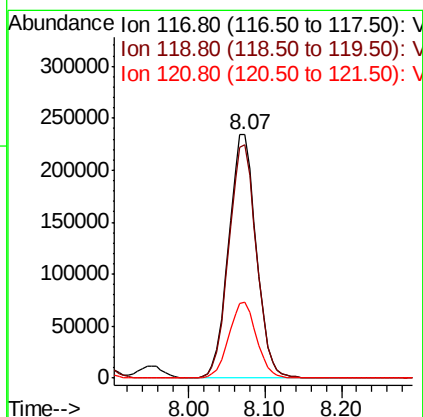
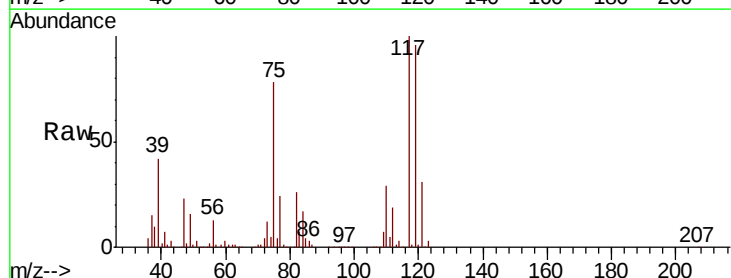
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

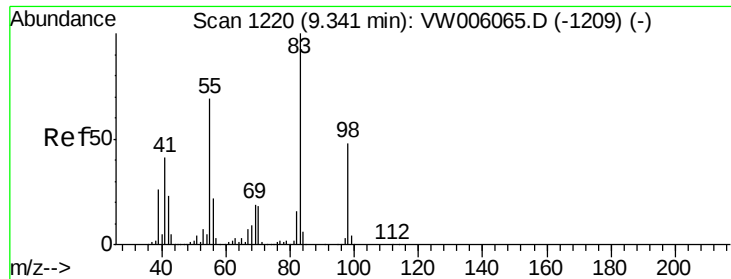
Tgt Ion: 43 Resp: 189206
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 11.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 136.328 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 117 Resp: 583059
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 31.1 24.1 36.1

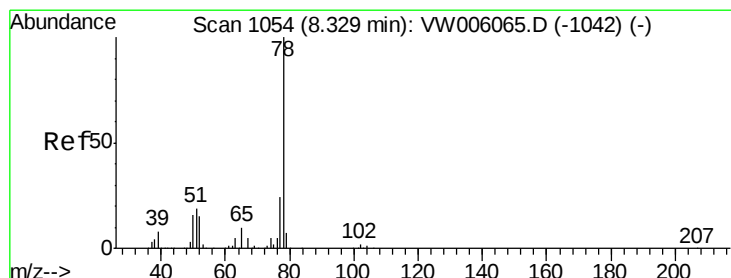
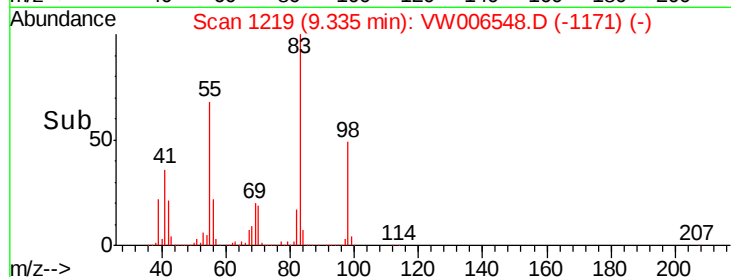
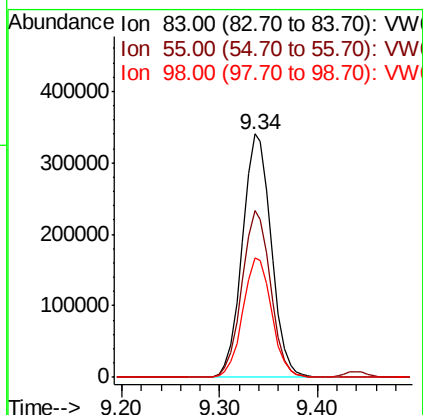
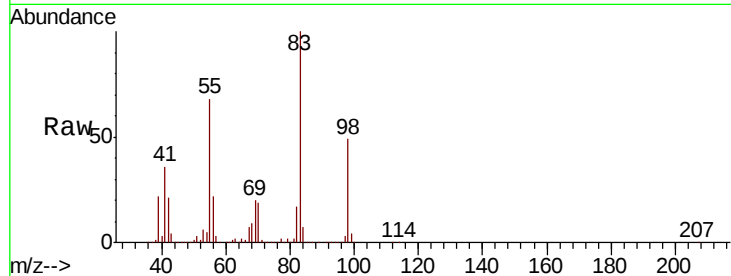




#39
Methylcyclohexane
Concen: 134.085 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

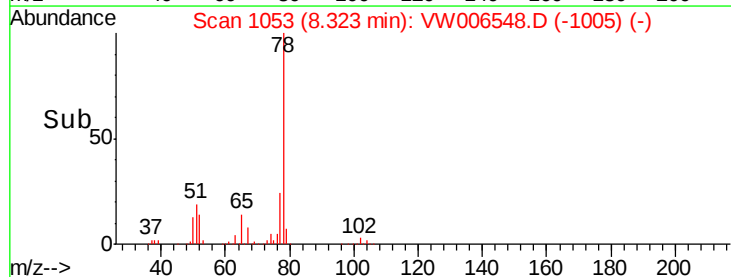
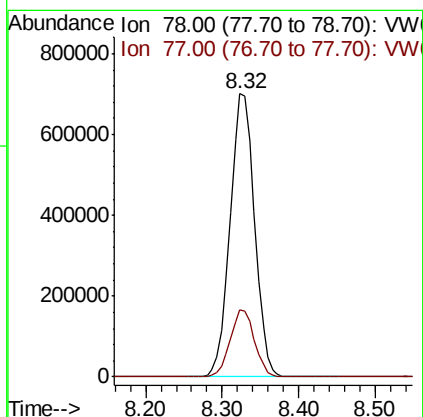
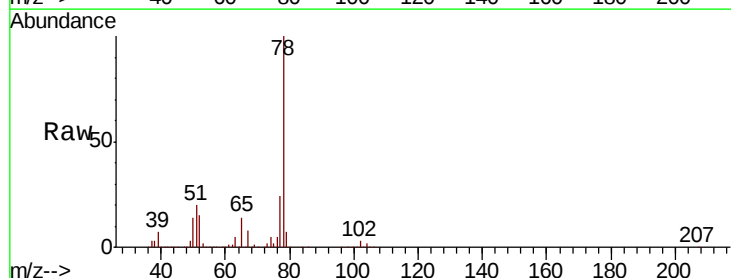
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

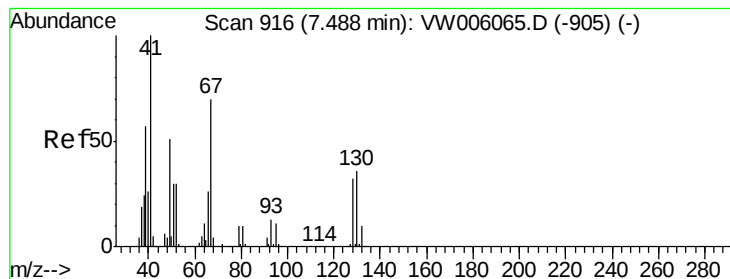
Tgt Ion: 83 Resp: 696666
Ion Ratio Lower Upper
83 100
55 68.4 53.7 80.5
98 49.0 39.2 58.8



#40
Benzene
Concen: 142.559 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 78 Resp: 1548471
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 135.932 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 118158

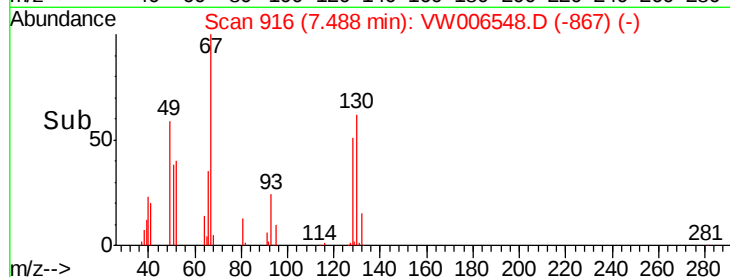
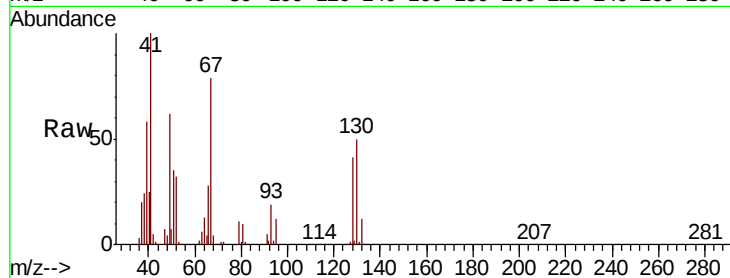
Ion Ratio Lower Upper

41 100

39 55.5 44.5 66.7

67 77.5 63.8 95.8

52 31.3 26.3 39.5

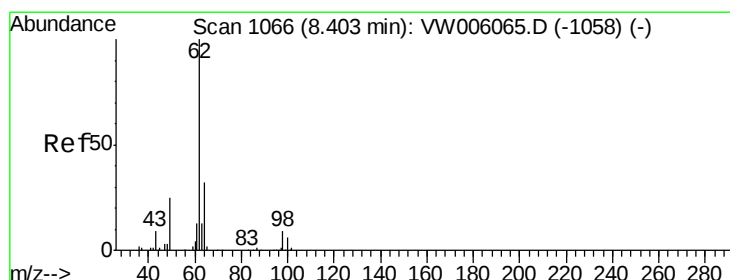
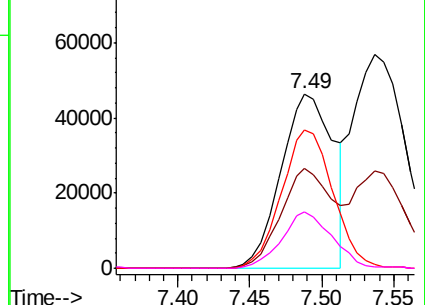


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 134.890 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006548.D

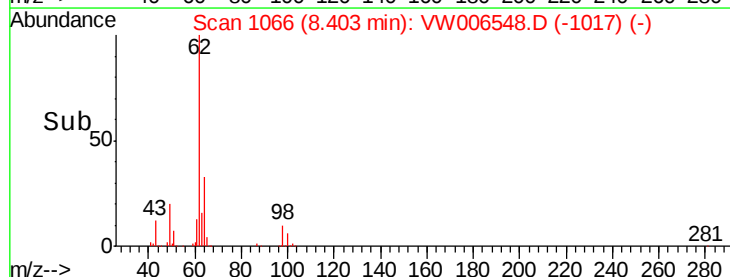
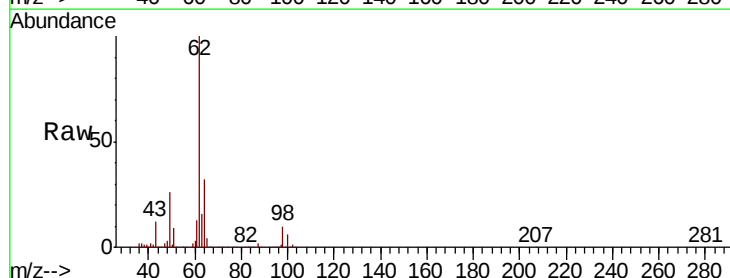
Acq: 01 Nov 2018 02:04

Tgt Ion: 62 Resp: 427664

Ion Ratio Lower Upper

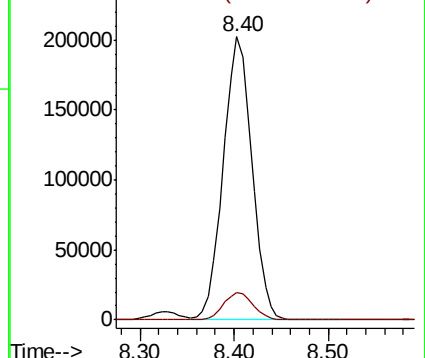
62 100

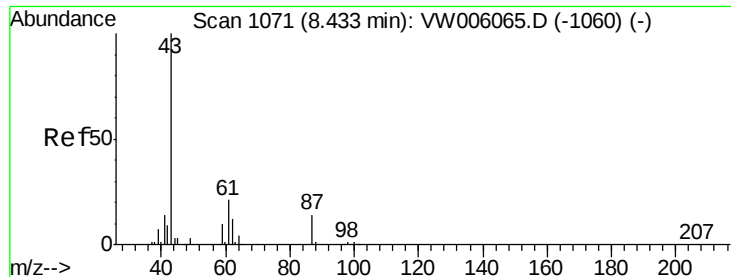
98 10.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 130.139 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

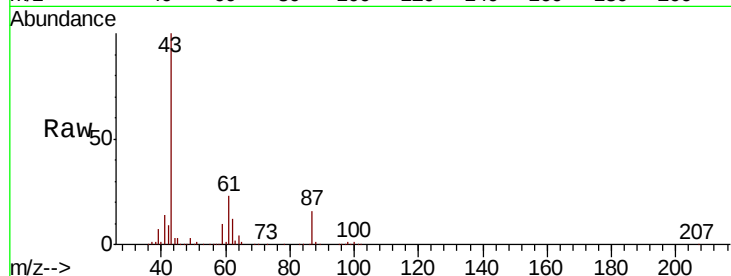
Tgt Ion: 43 Resp: 384010

Ion Ratio Lower Upper

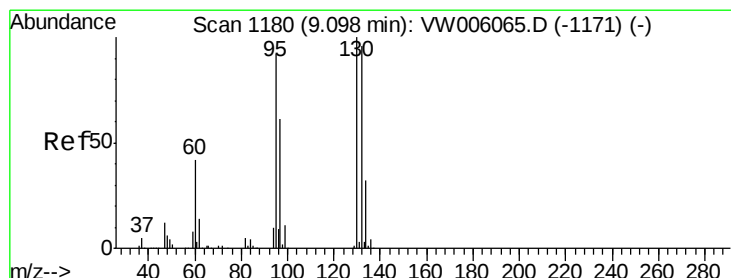
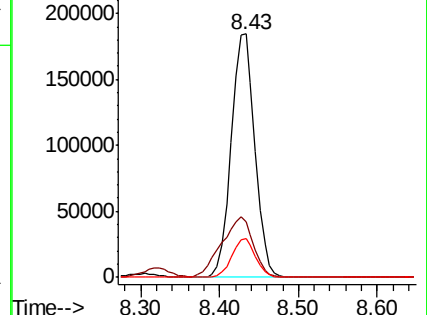
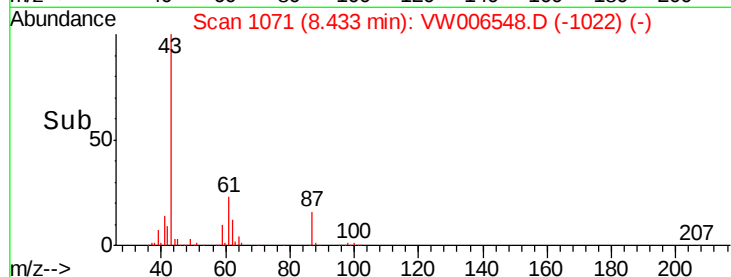
43 100

61 33.1 27.2 40.8

87 15.9 12.9 19.3



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



#44

Trichloroethene

Concen: 141.935 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006548.D

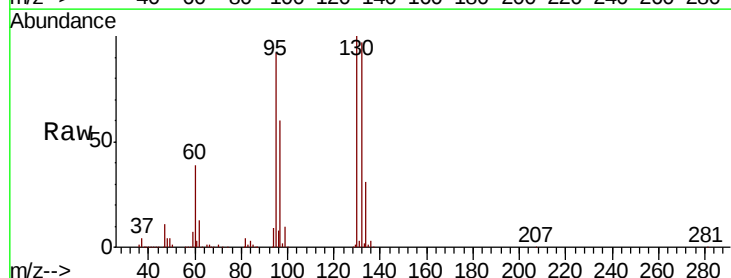
Acq: 01 Nov 2018 02:04

Tgt Ion: 130 Resp: 473221

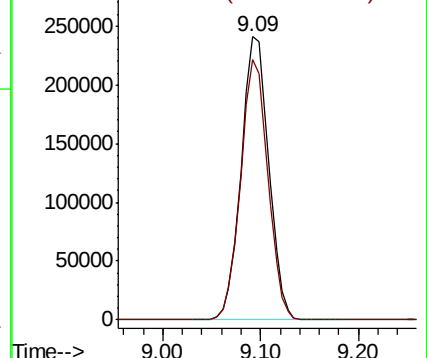
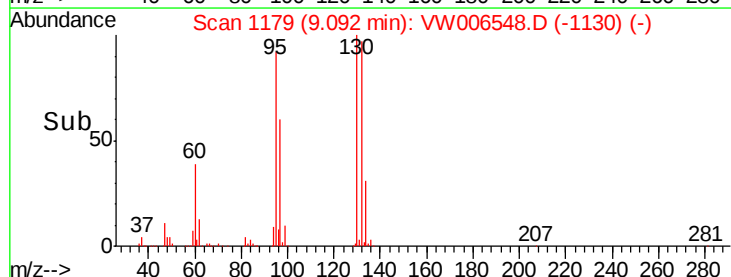
Ion Ratio Lower Upper

130 100

95 91.9 0.0 179.2



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

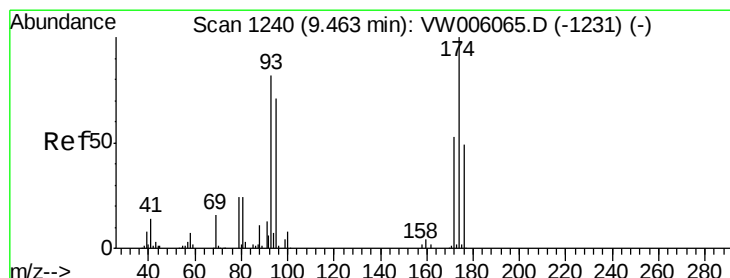
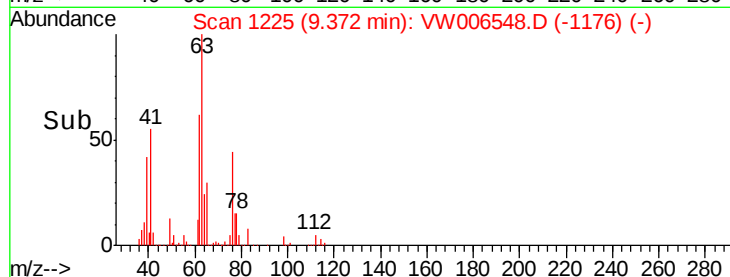
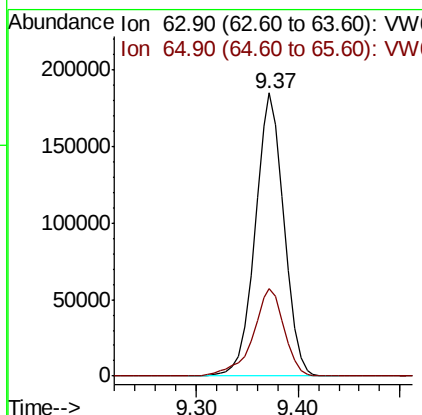
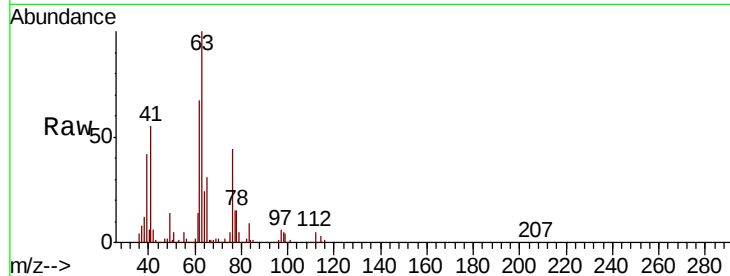




#45
 1,2-Dichloropropane
 Concen: 139.187 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

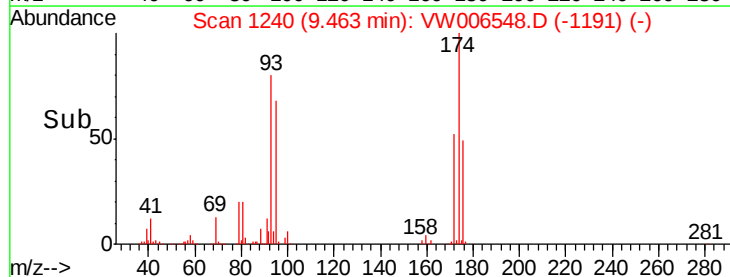
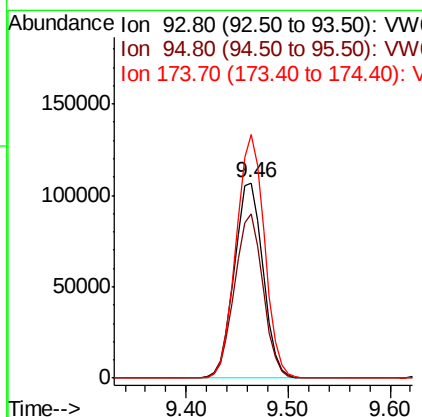
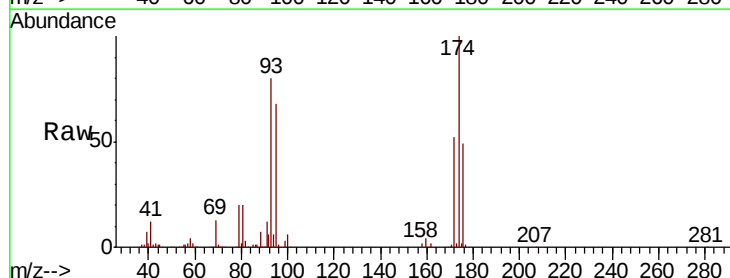
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 360342
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.1 37.7



#46
 Dibromomethane
 Concen: 140.957 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 93 Resp: 208583
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 122.9 97.3 145.9





#47

Bromodichloromethane

Concen: 143.156 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

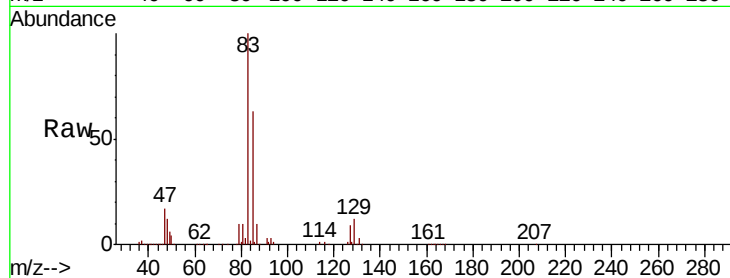
Tgt Ion: 83 Resp: 511837

Ion Ratio Lower Upper

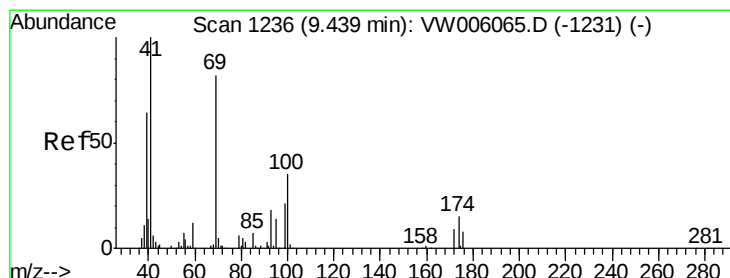
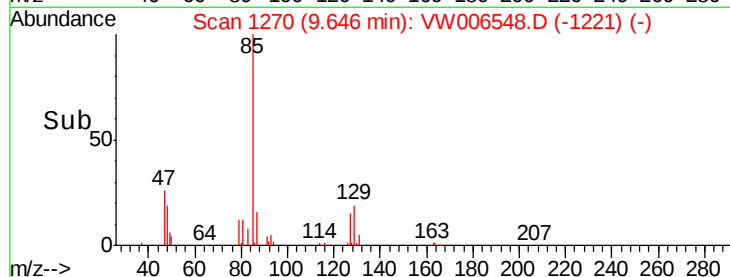
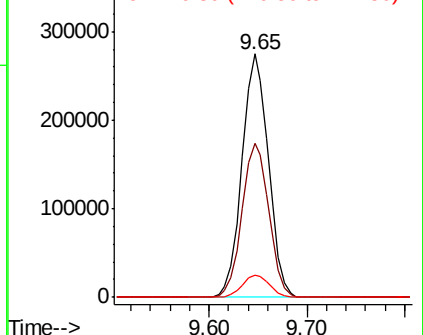
83 100

85 63.1 50.6 75.8

127 9.3 7.5 11.3



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



#48

Methyl methacrylate

Concen: 134.281 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

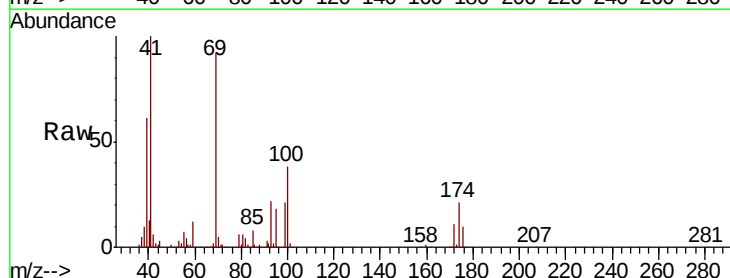
Tgt Ion: 41 Resp: 188346

Ion Ratio Lower Upper

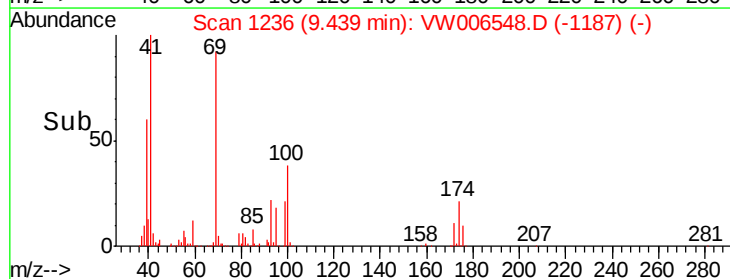
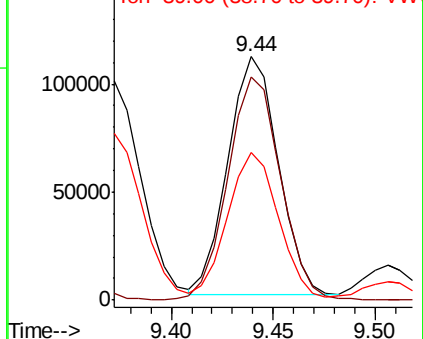
41 100

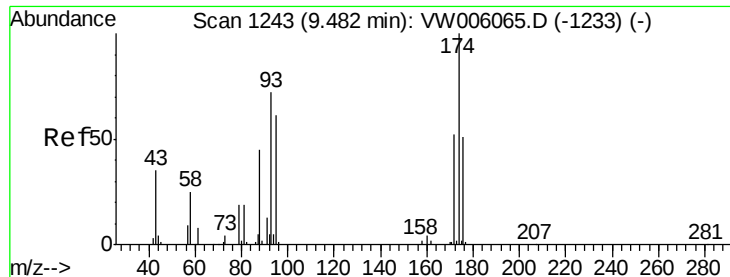
69 98.8 77.8 116.8

39 60.2 48.7 73.1



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





#49

1,4-Dioxane

Concen: 2641.806 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

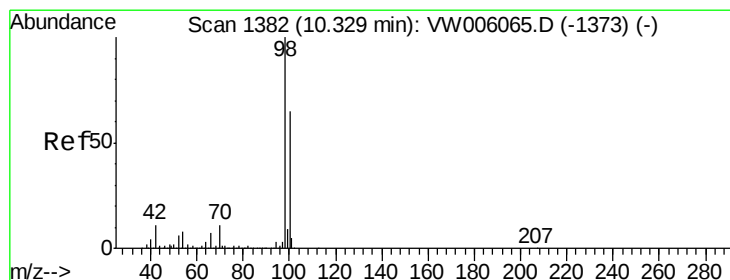
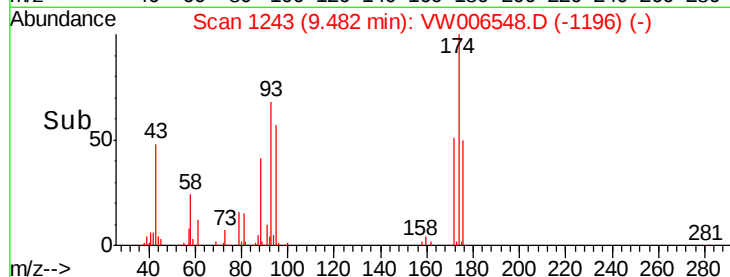
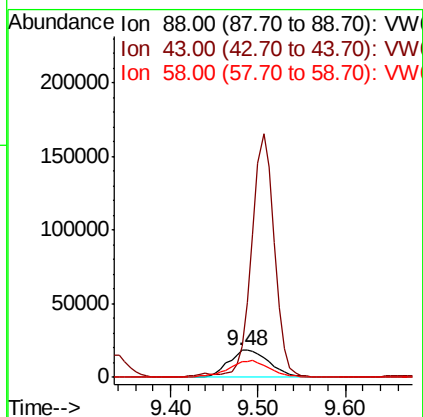
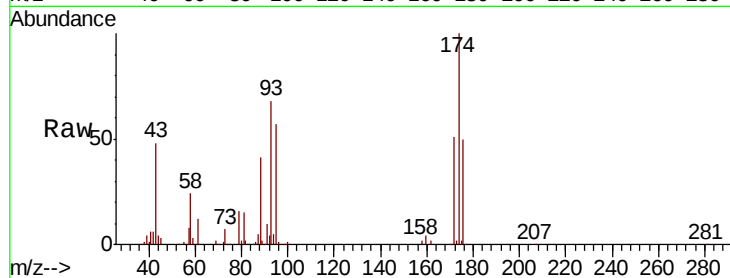
Tgt Ion: 88 Resp: 59775

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

58 0.0 51.4 77.2#



#50

Toluene-d8

Concen: 154.660 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006548.D

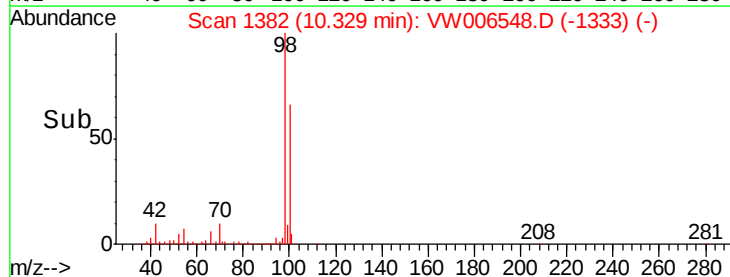
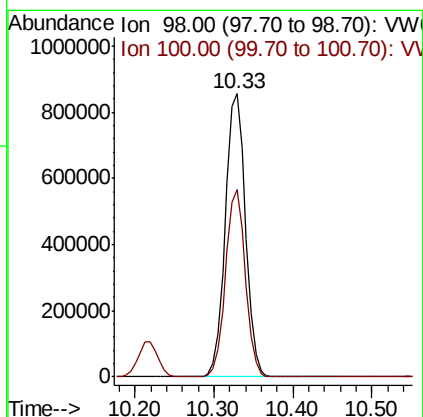
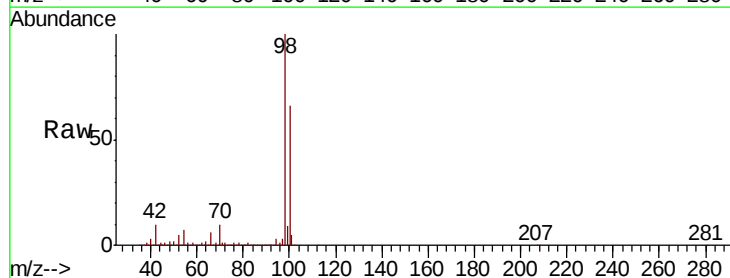
Acq: 01 Nov 2018 02:04

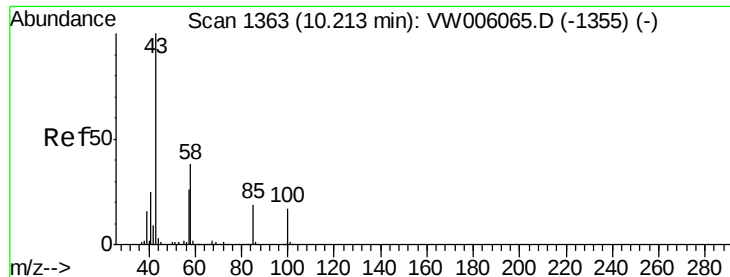
Tgt Ion: 98 Resp: 1514735

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

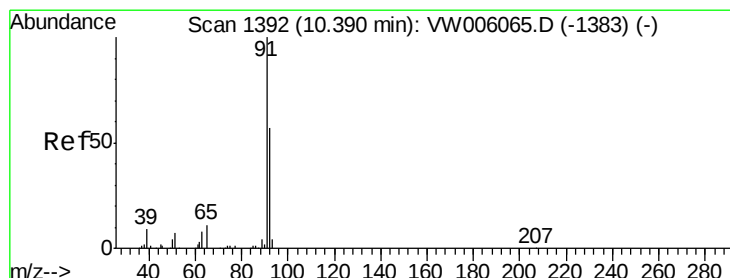
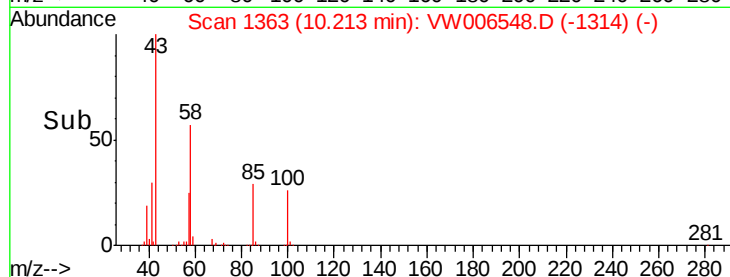
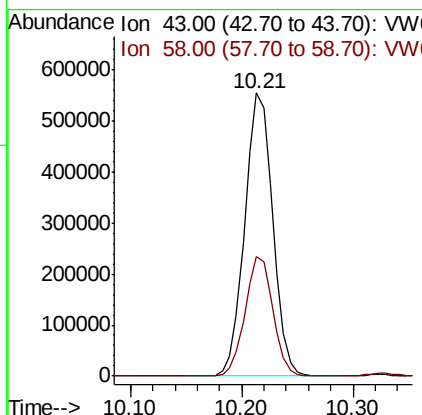
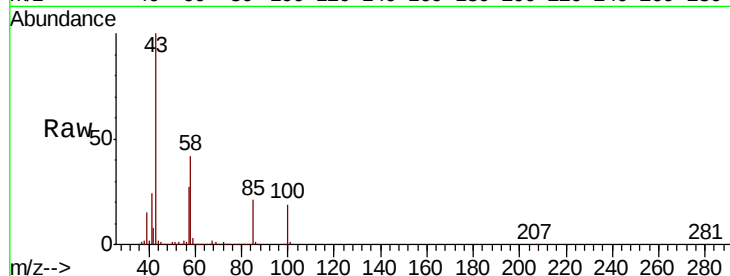




#51
 4-Methyl-2-Pentanone
 Concen: 651.856 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

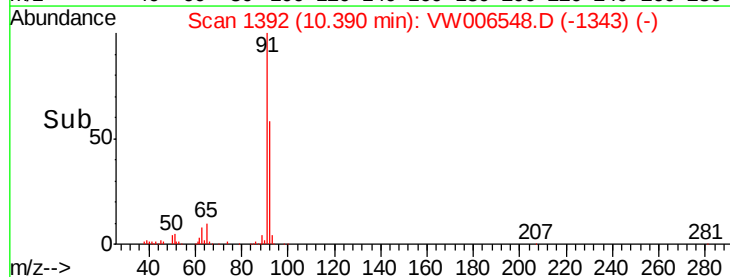
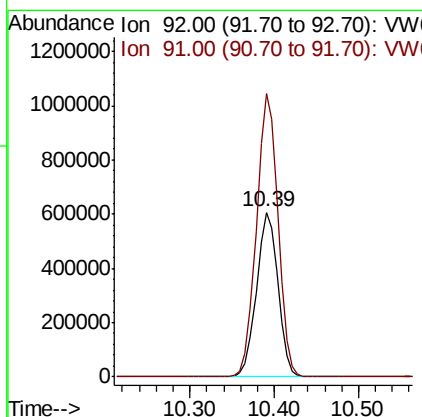
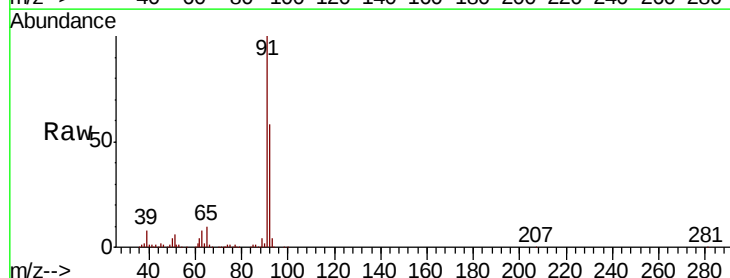
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

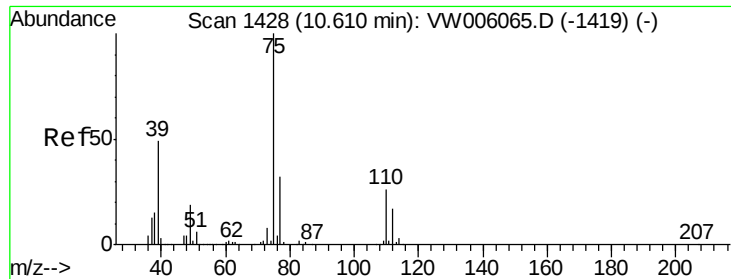
Tgt Ion: 43 Resp: 968463
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.4 50.0



#52
 Toluene
 Concen: 144.507 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 92 Resp: 1052028
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 144.152 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

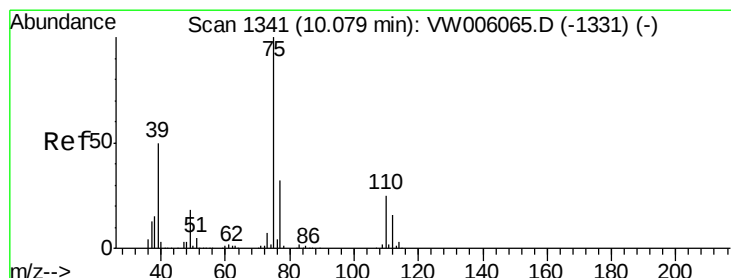
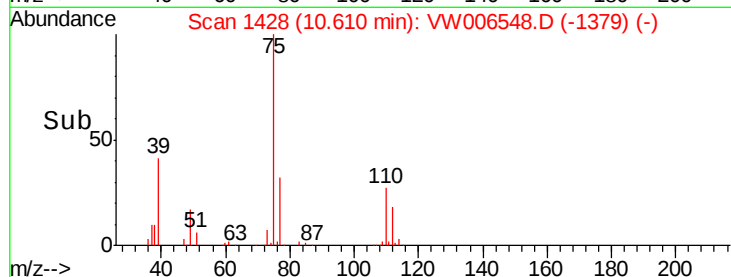
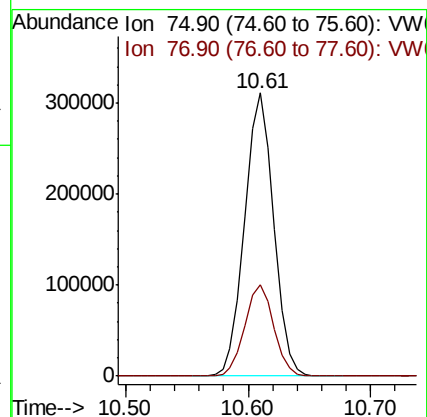
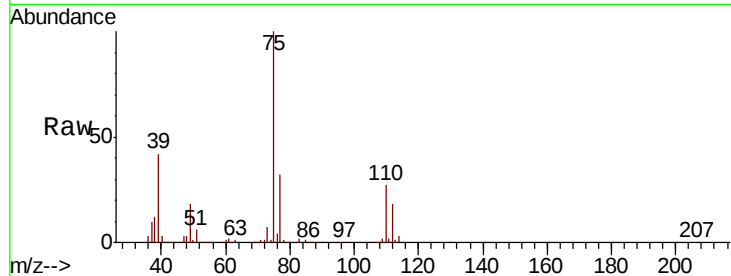
VSTDIC150

Tgt Ion: 75 Resp: 511411

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 144.154 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

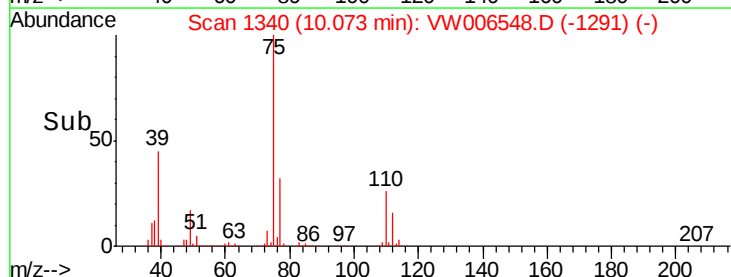
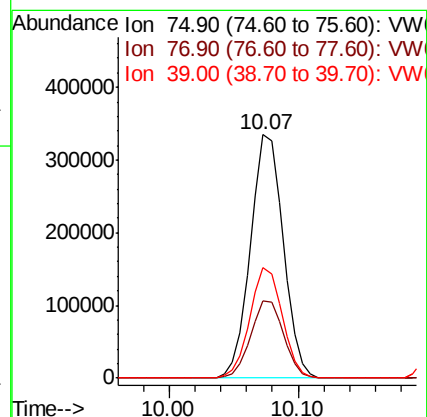
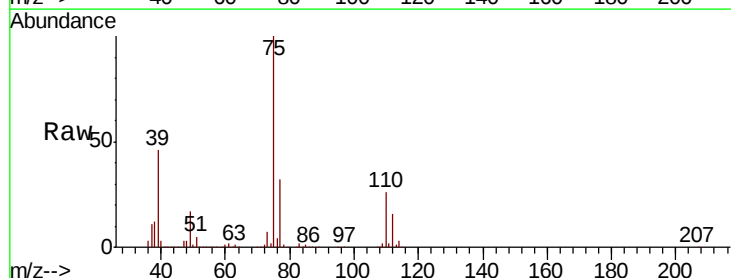
Tgt Ion: 75 Resp: 588326

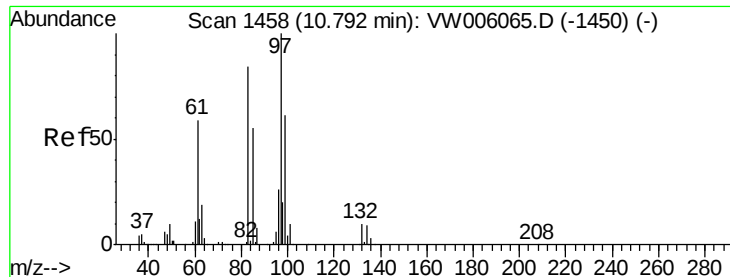
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 45.5 37.3 55.9

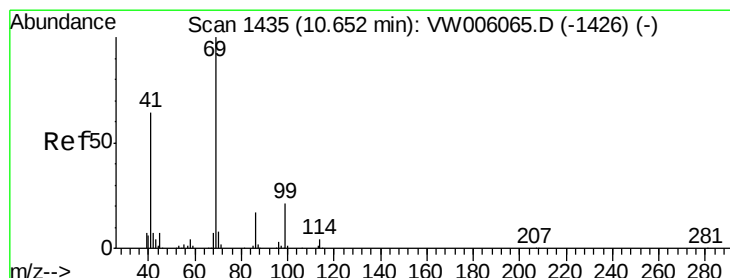
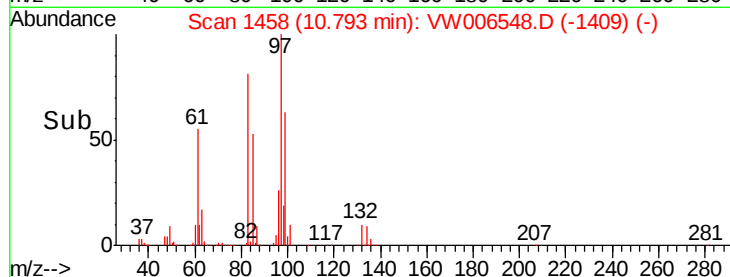
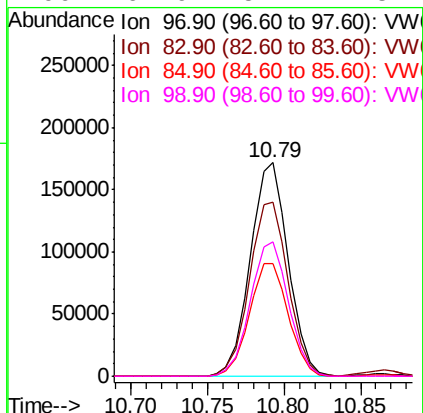
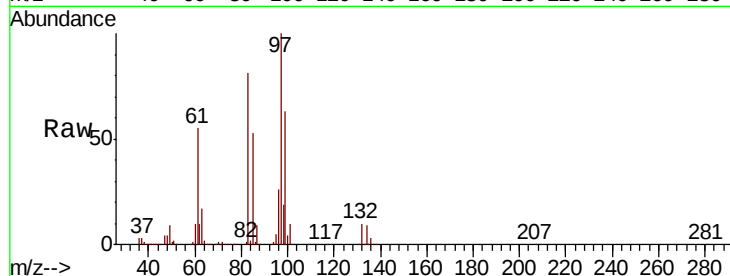




#55
 1,1,2-Trichloroethane
 Concen: 142.629 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

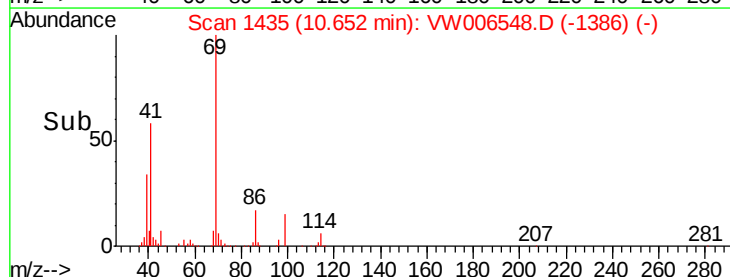
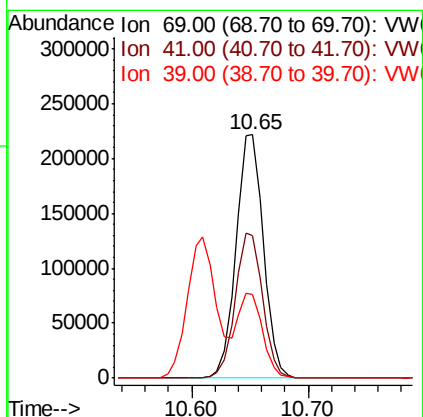
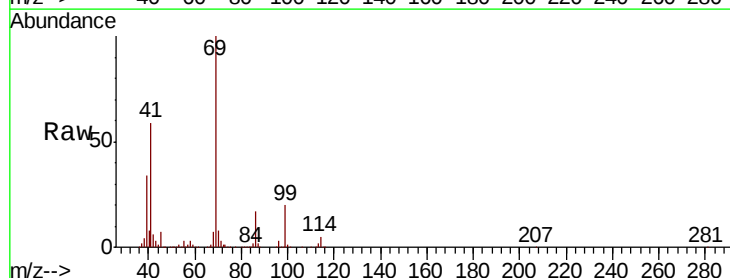
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	296019
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.9	101.9
85	52.9	44.0	66.0
99	62.9	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 144.218 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion:	69	Resp:	364462
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.4	71.2
39	30.6	25.3	37.9

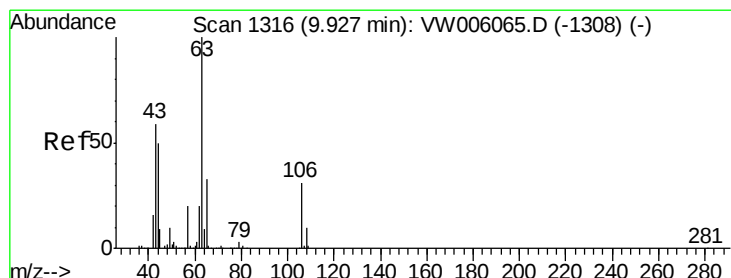
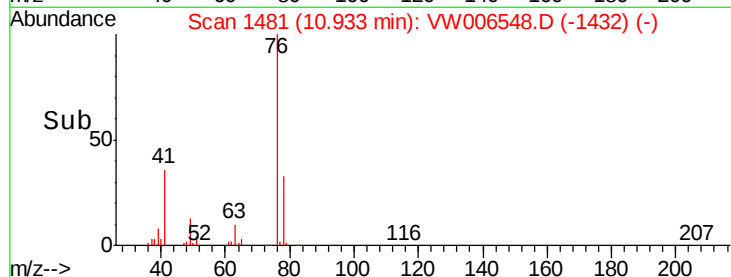
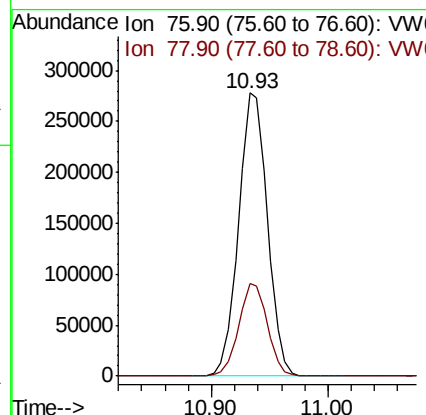
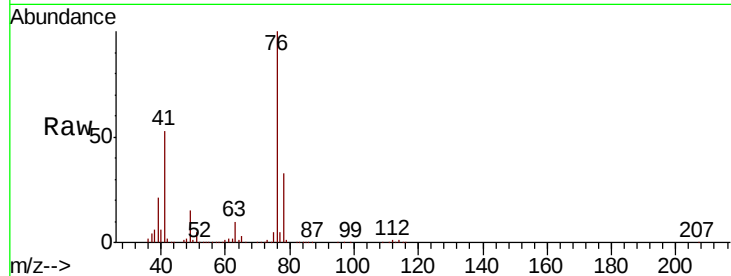




#57
 1,3-Dichloropropane
 Concen: 139.792 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

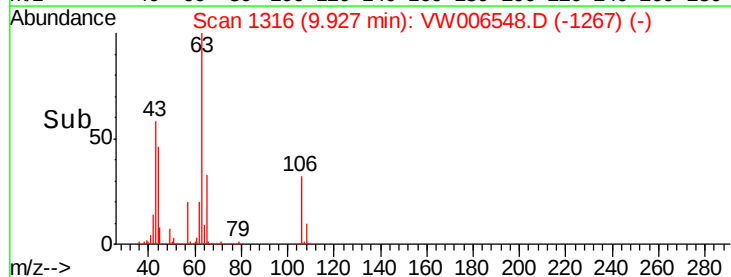
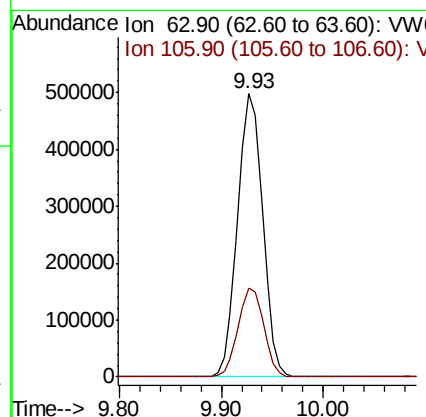
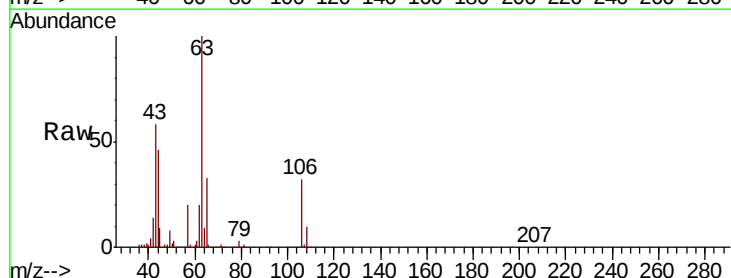
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

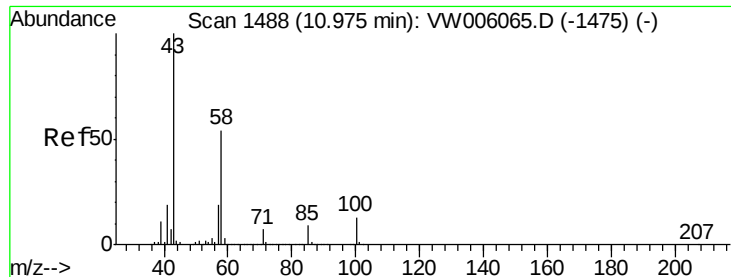
Tgt Ion: 76 Resp: 478853
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 842.611 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 63 Resp: 846016
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.4 38.2

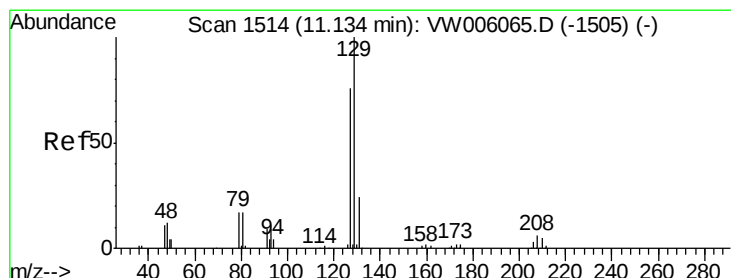
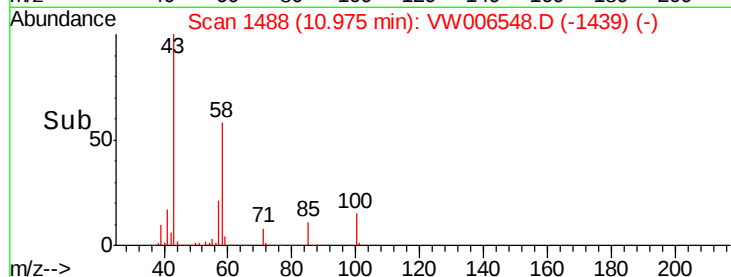
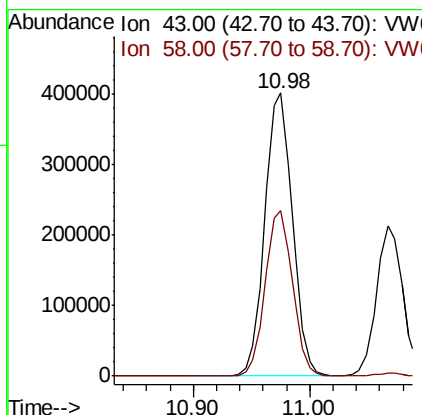
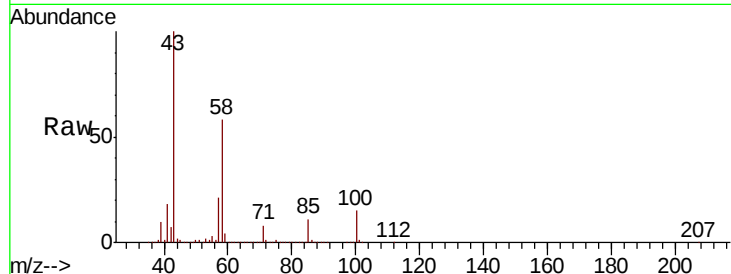




#59
2-Hexanone
Concen: 622.070 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

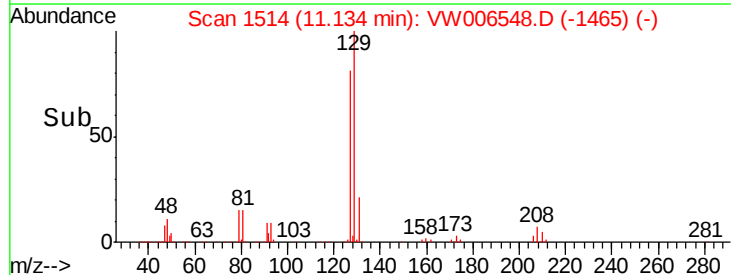
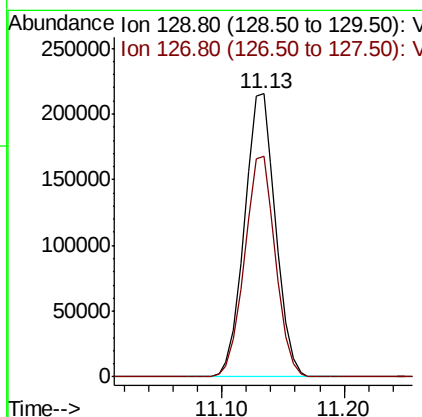
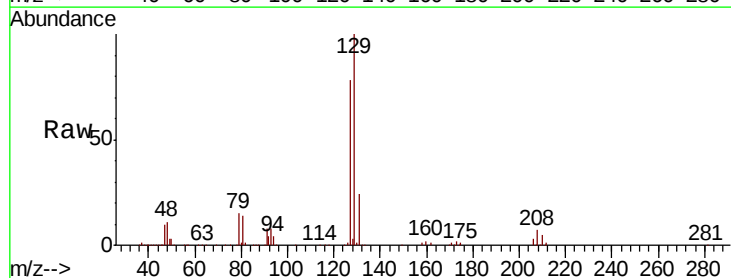
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

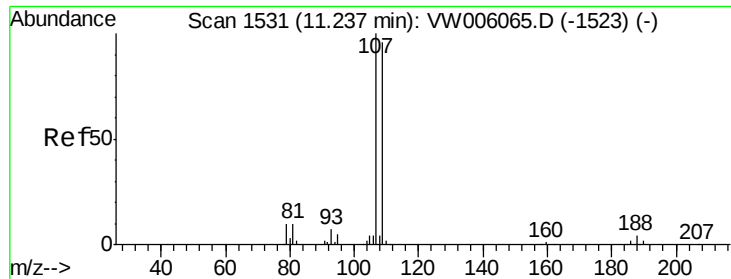
Tgt Ion: 43 Resp: 657099
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.4



#60
Dibromochloromethane
Concen: 147.823 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 129 Resp: 380384
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3

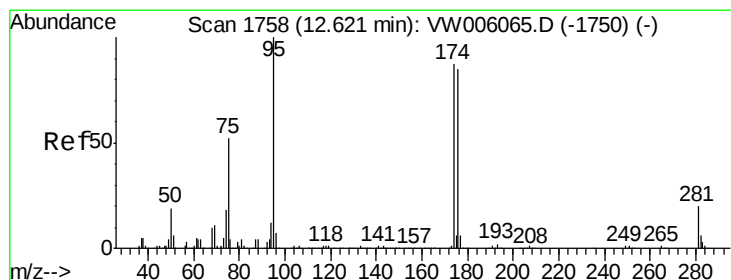
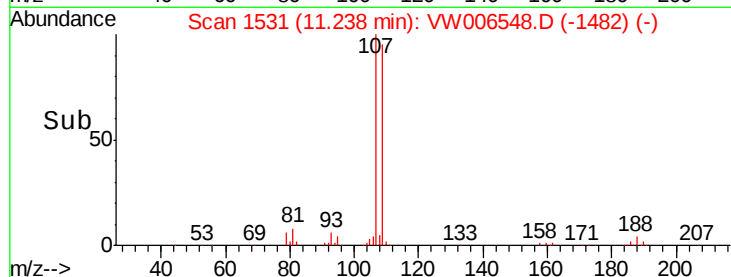
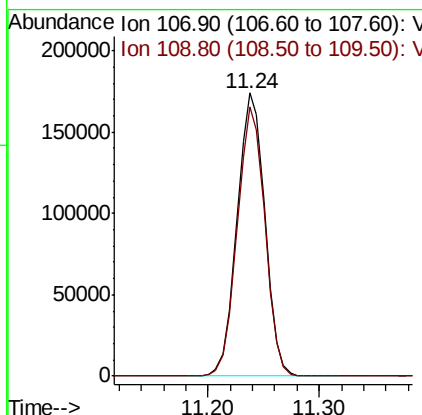
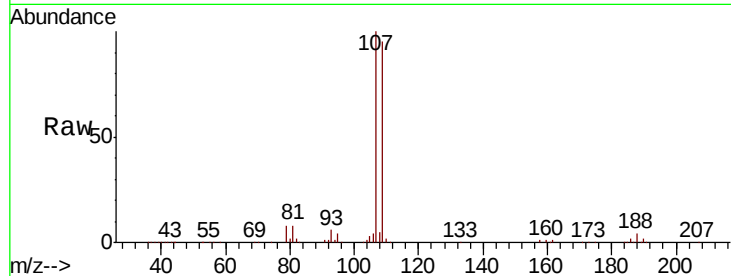




#61
 1,2-Dibromoethane
 Concen: 144.325 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

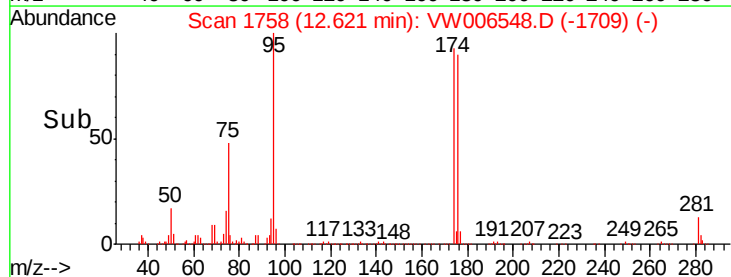
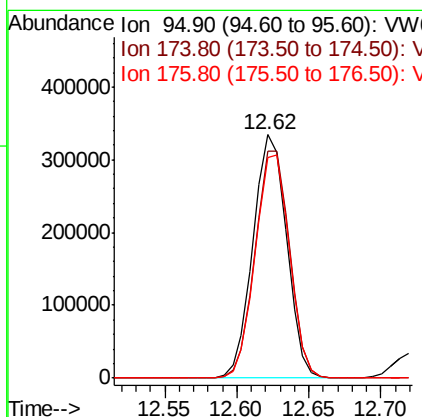
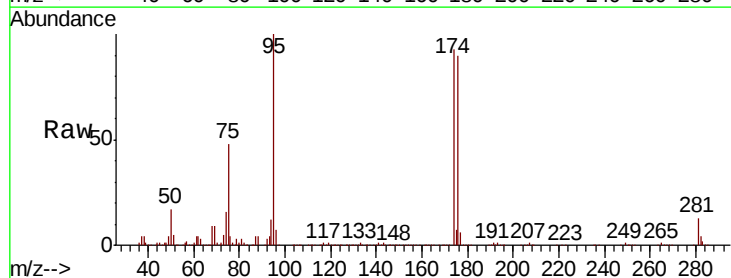
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

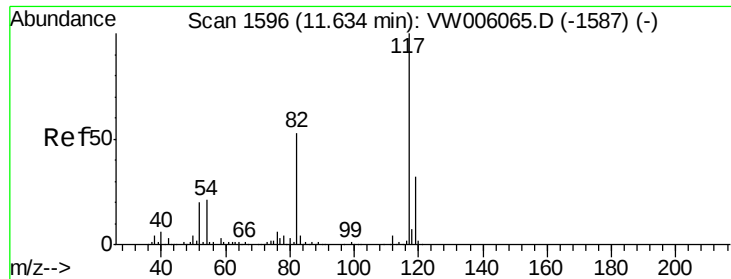
Tgt Ion: 107 Resp: 299129
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 147.904 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 95 Resp: 540428
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 192.4
 176 93.4 0.0 187.4

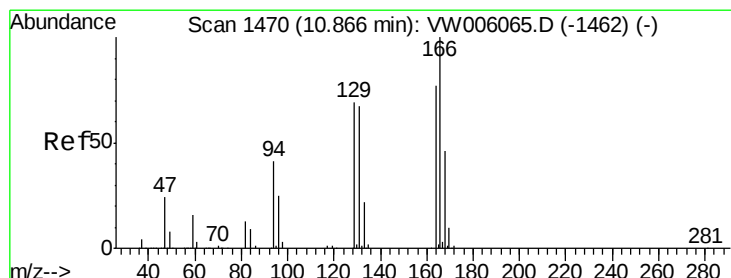
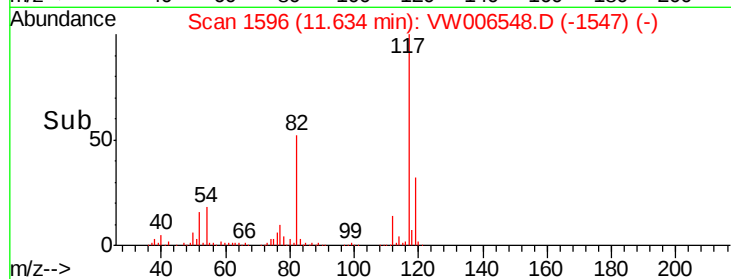
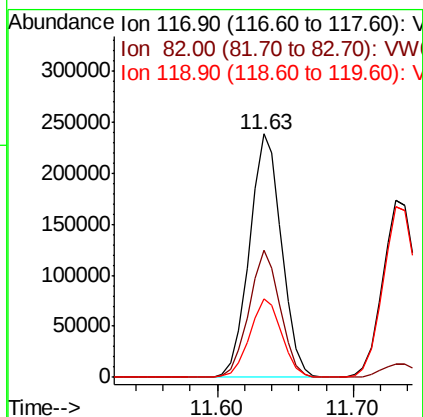
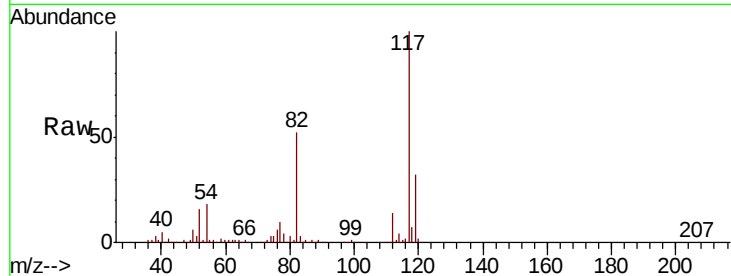




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

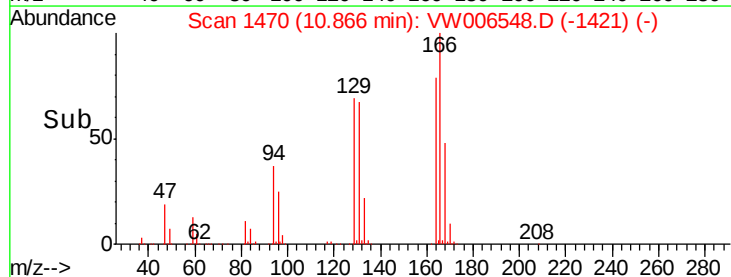
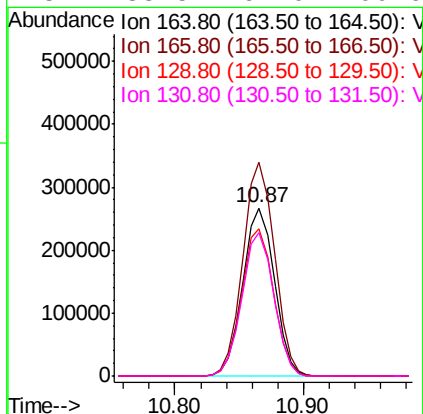
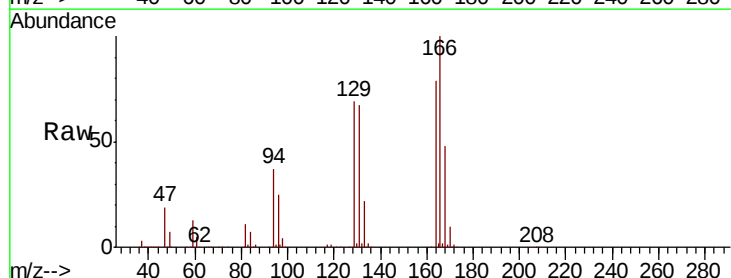
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

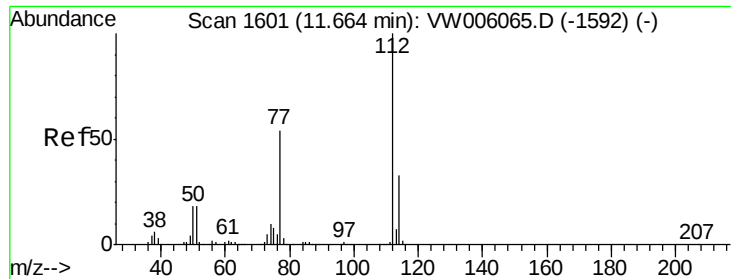
Tgt Ion:117 Resp: 393729
Ion Ratio Lower Upper
117 100
82 52.3 40.8 61.2
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 147.197 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion:164 Resp: 453389
Ion Ratio Lower Upper
164 100
166 127.3 102.8 154.2
129 87.4 70.9 106.3
131 85.5 67.0 100.6

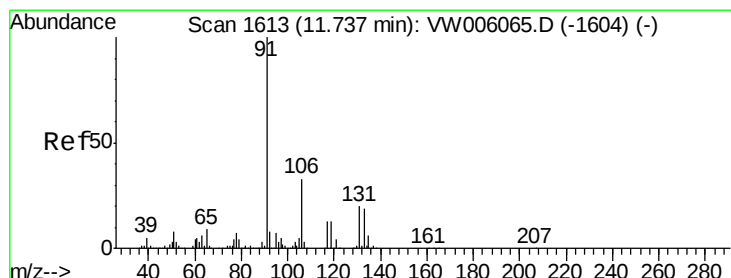
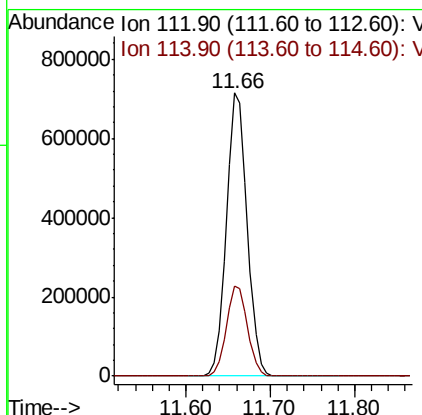
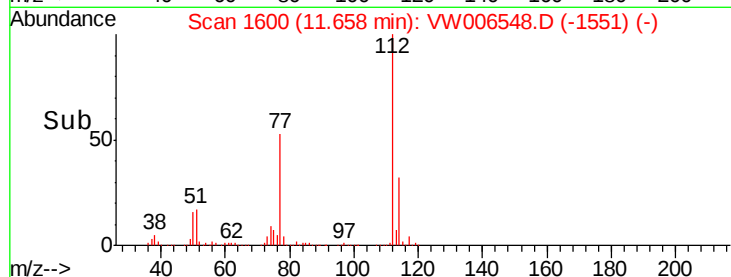
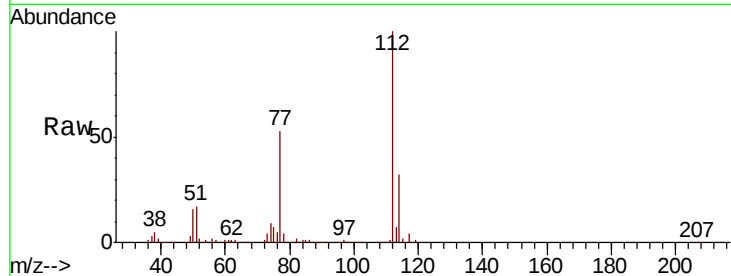




#65
Chlorobenzene
Concen: 142.463 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

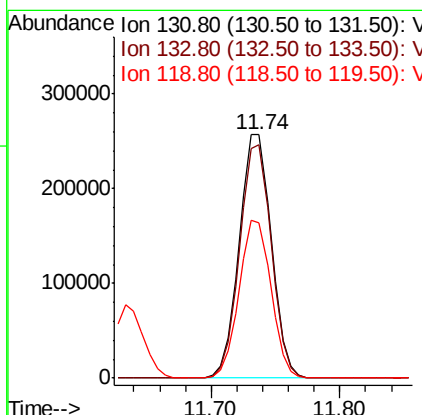
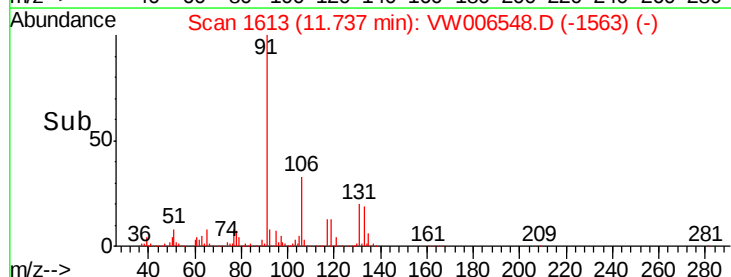
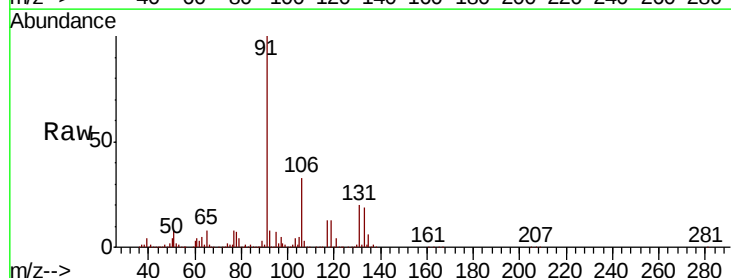
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

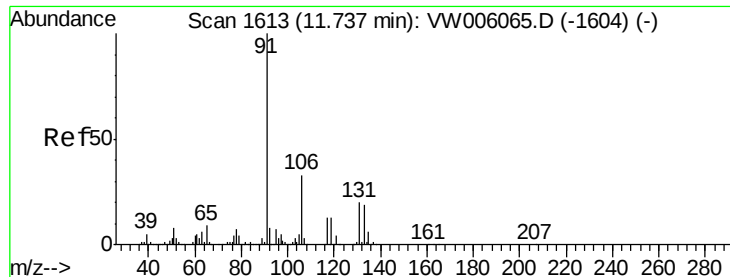
Tgt Ion:112 Resp: 1202229
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 148.417 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion:131 Resp: 443770
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 64.4 31.9 95.5





#67

Ethyl Benzene

Concen: 140.545 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

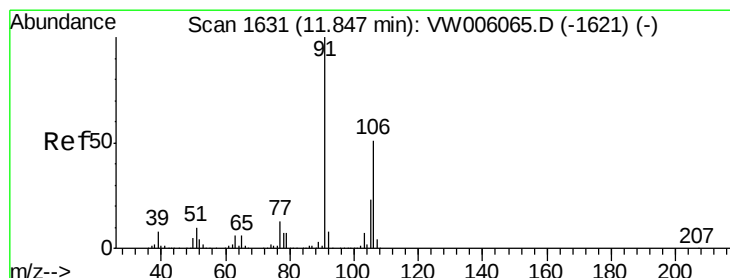
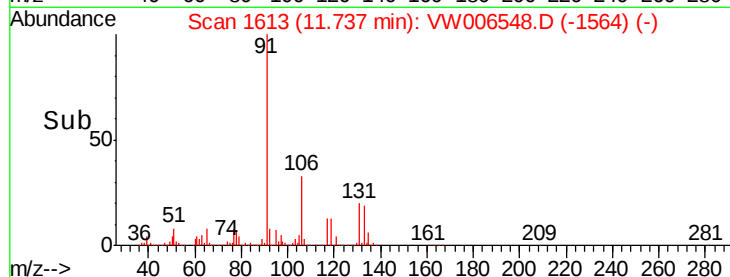
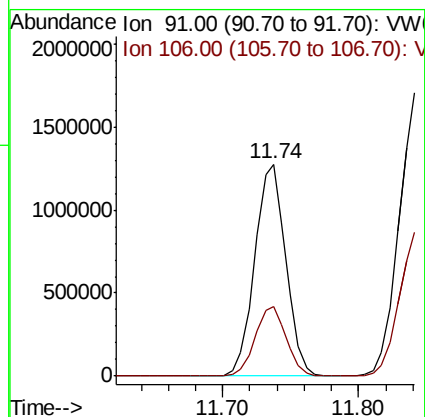
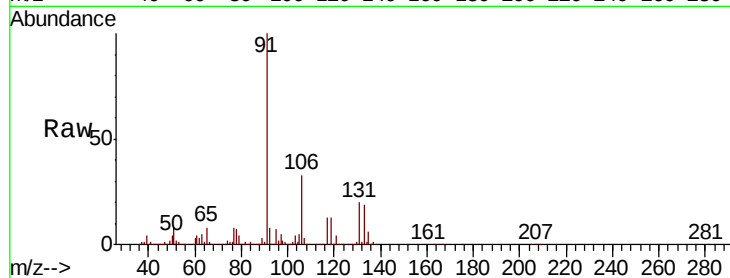
VSTDIC150

Tgt Ion: 91 Resp: 2044019

Ion Ratio Lower Upper

91 100

106 32.6 26.3 39.5



#68

m/p-Xylenes

Concen: 284.767 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006548.D

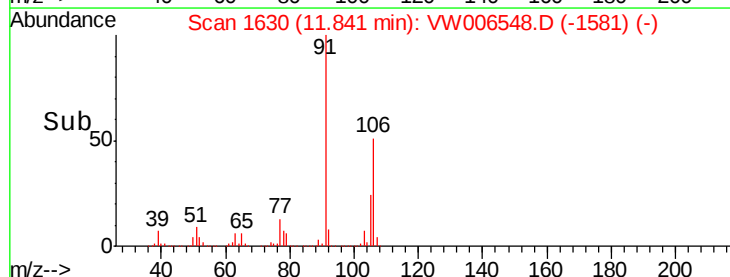
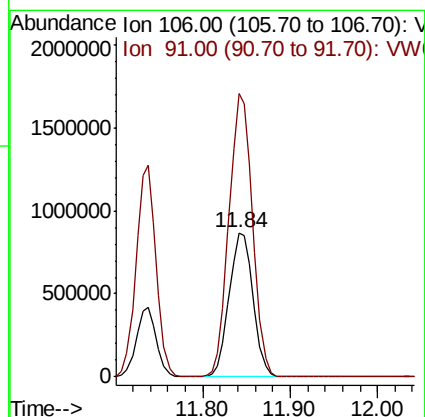
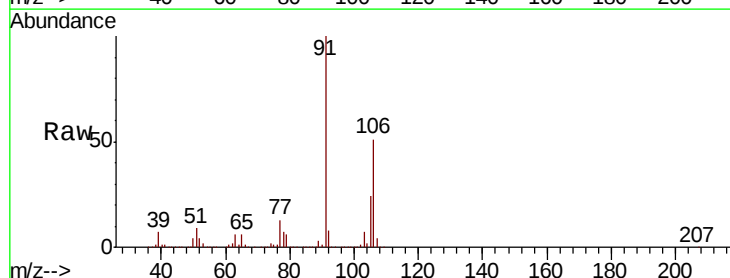
Acq: 01 Nov 2018 02:04

Tgt Ion: 106 Resp: 1640268

Ion Ratio Lower Upper

106 100

91 194.5 156.7 235.1

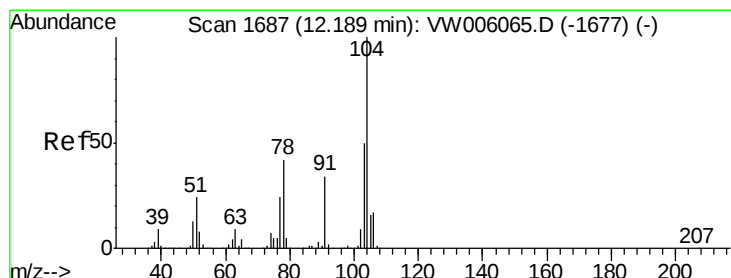
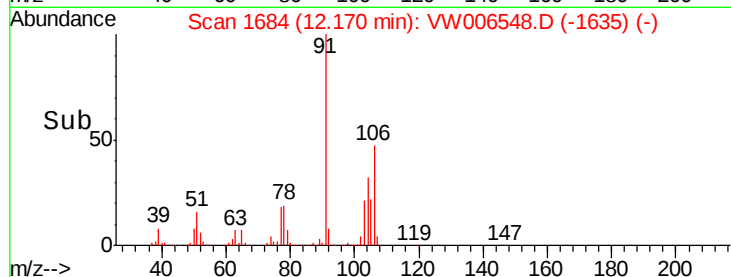
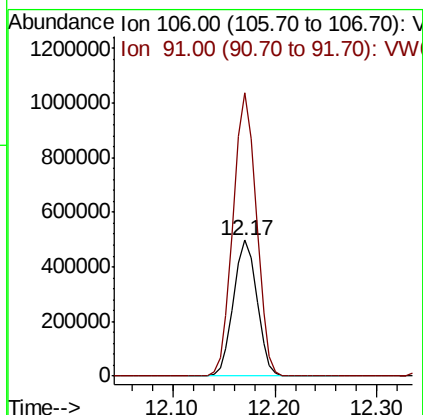
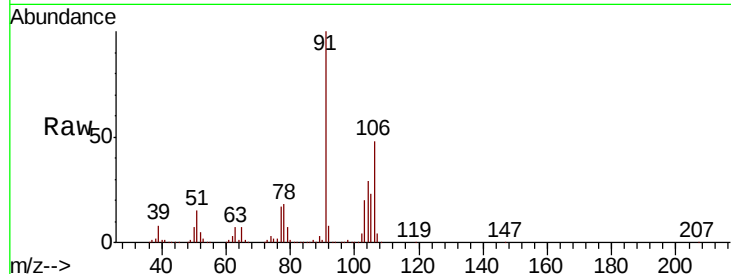




#69
o-Xylene
Concen: 144.437 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

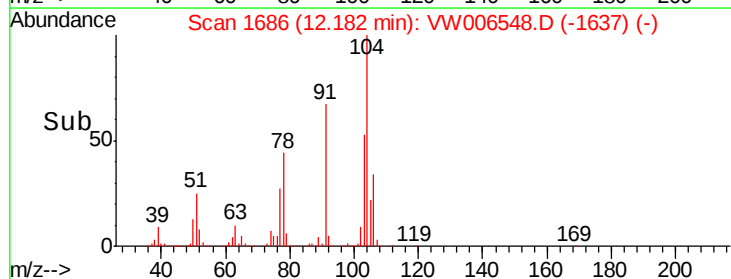
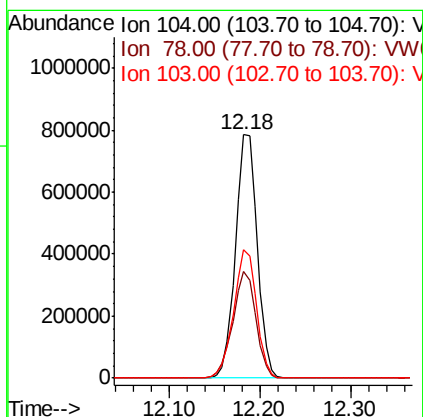
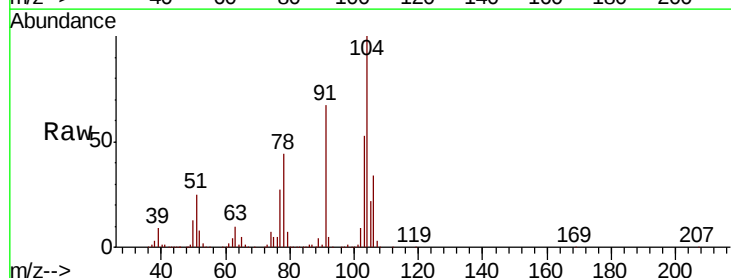
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

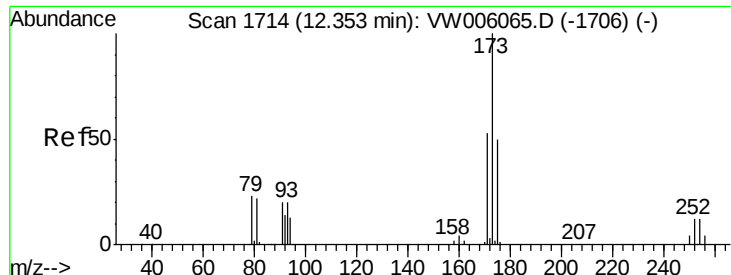
Tgt Ion:106 Resp: 793231
Ion Ratio Lower Upper
106 100
91 206.0 102.8 308.4



#70
Styrene
Concen: 146.348 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion:104 Resp: 1308347
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.3 44.2 66.2





#71

Bromoform

Concen: 149.698 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

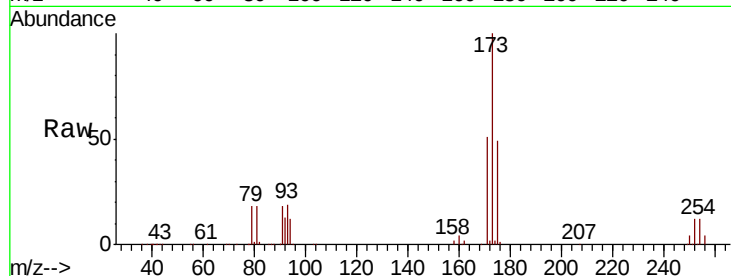
Tgt Ion:173 Resp: 247649

Ion Ratio Lower Upper

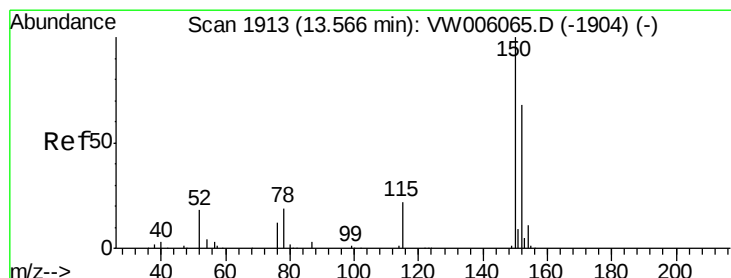
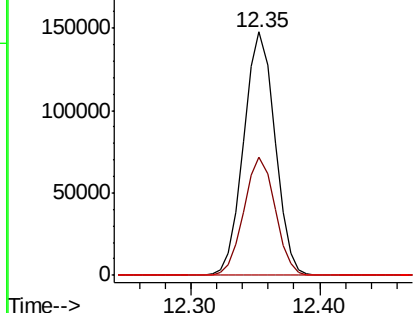
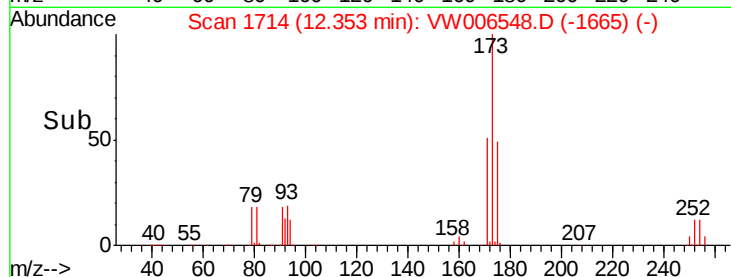
173 100

175 48.4 24.1 72.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

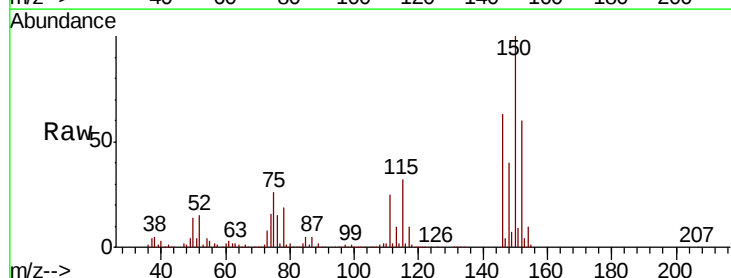
Tgt Ion:152 Resp: 217437

Ion Ratio Lower Upper

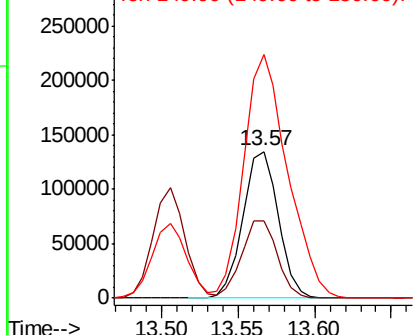
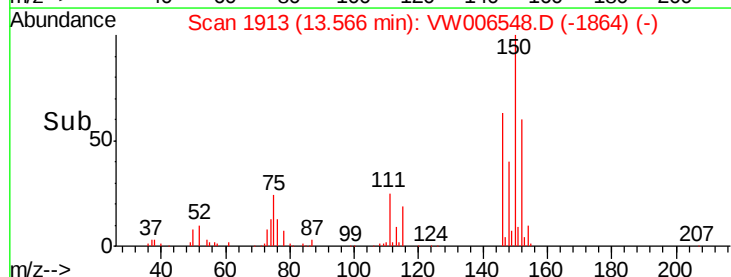
152 100

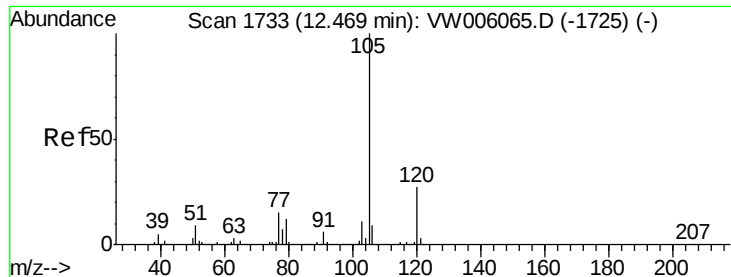
115 53.7 26.6 79.8

150 205.0 0.0 344.6



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





#73

Isopropylbenzene

Concen: 141.728 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

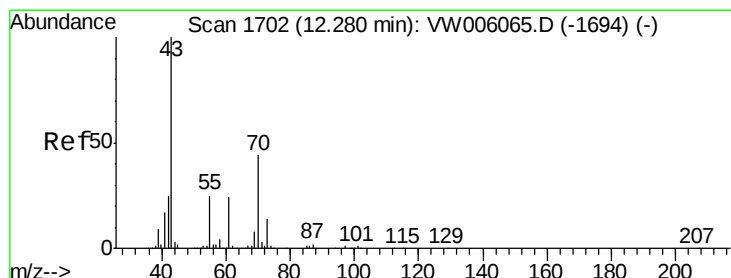
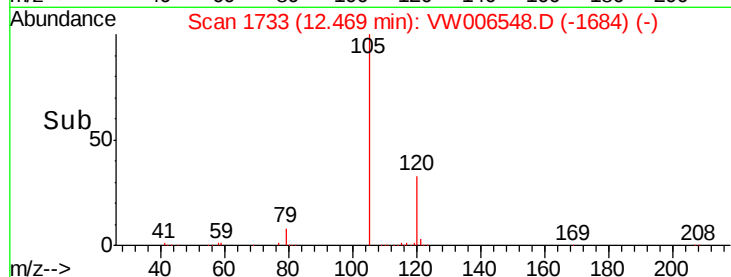
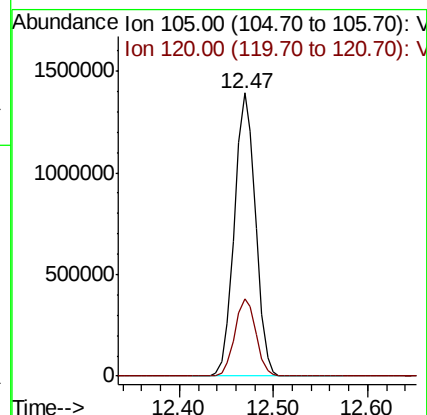
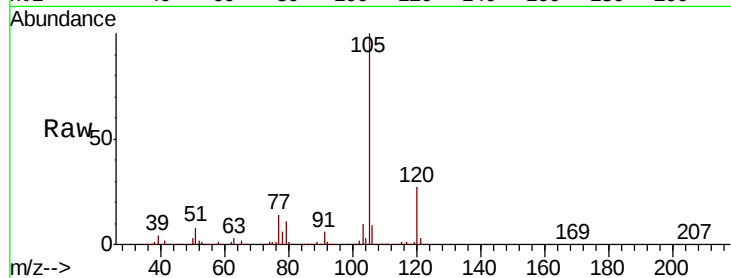
VSTDIC150

Tgt Ion:105 Resp: 2160988

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 131.871 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion: 43 Resp: 383785

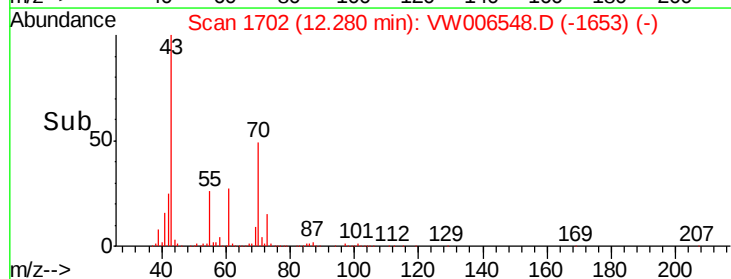
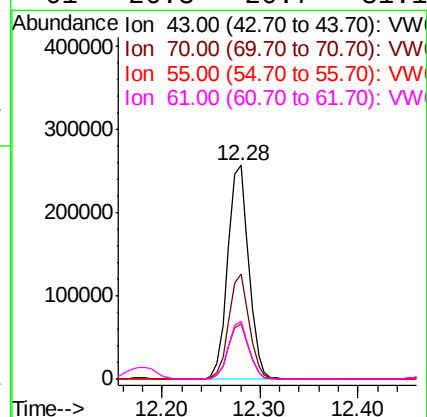
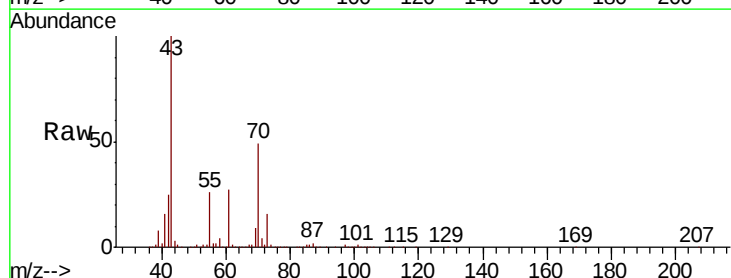
Ion Ratio Lower Upper

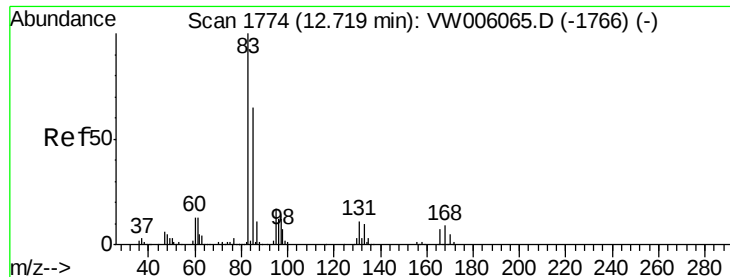
43 100

70 47.7 36.9 55.3

55 25.6 20.7 31.1

61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 141.211 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

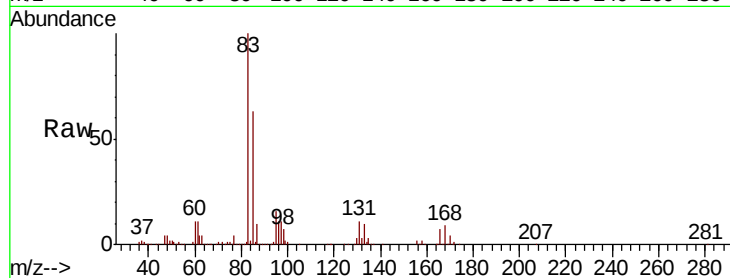
Tgt Ion: 83 Resp: 327559

Ion Ratio Lower Upper

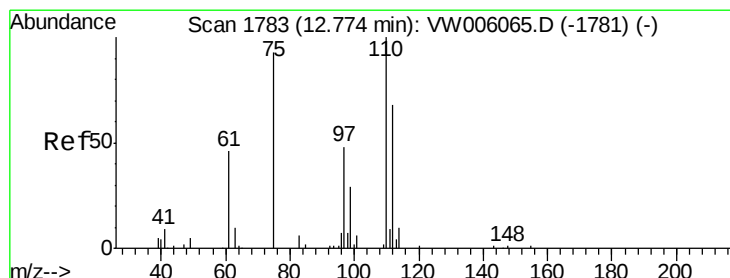
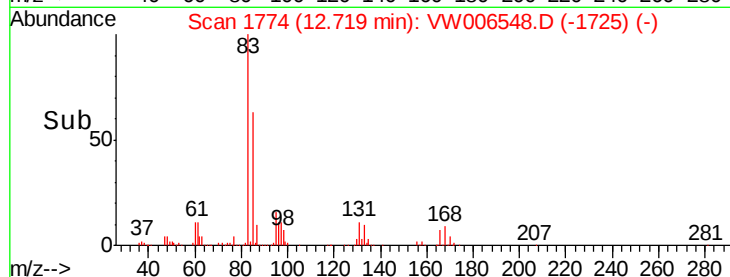
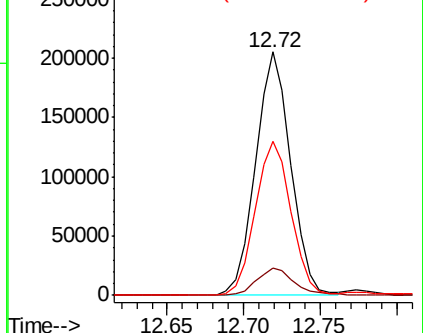
83 100

131 12.0 5.9 17.7

85 64.5 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 252.037 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006548.D

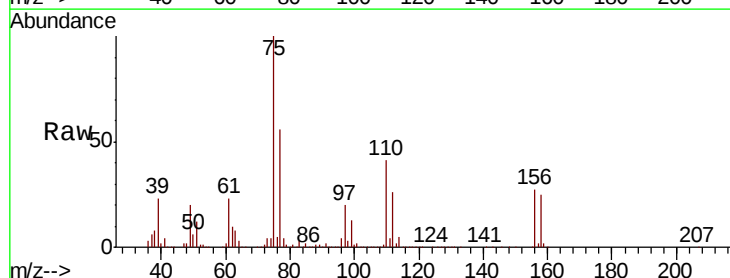
Acq: 01 Nov 2018 02:04

Tgt Ion: 75 Resp: 424083

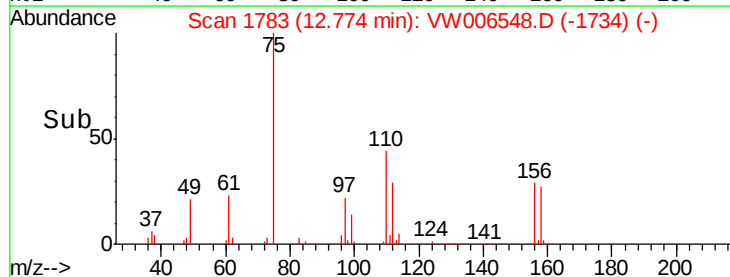
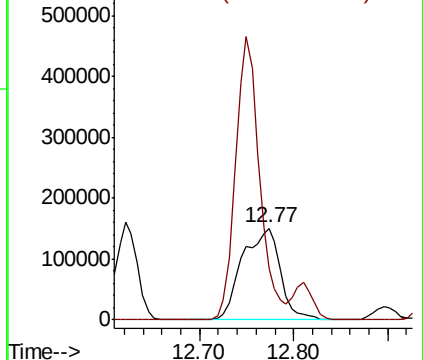
Ion Ratio Lower Upper

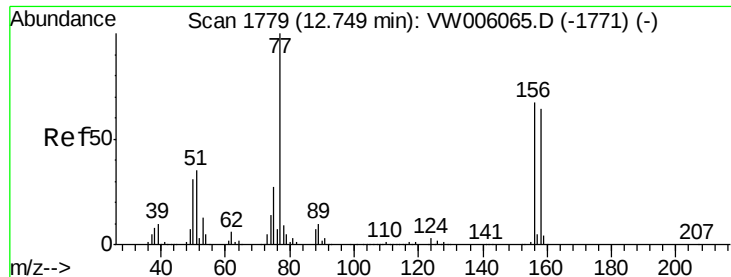
75 100

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: 143.770 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

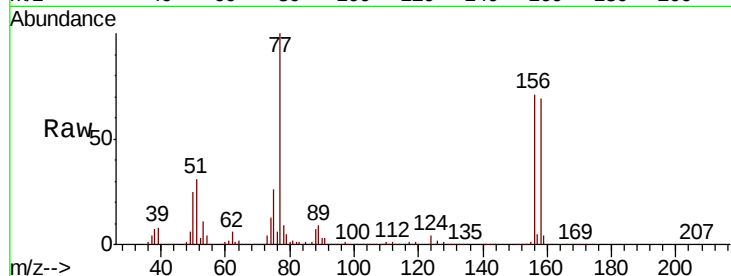
Tgt Ion:156 Resp: 540286

Ion Ratio Lower Upper

156 100

77 153.3 75.9 227.8

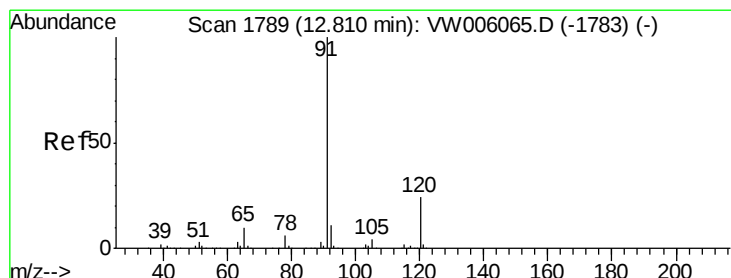
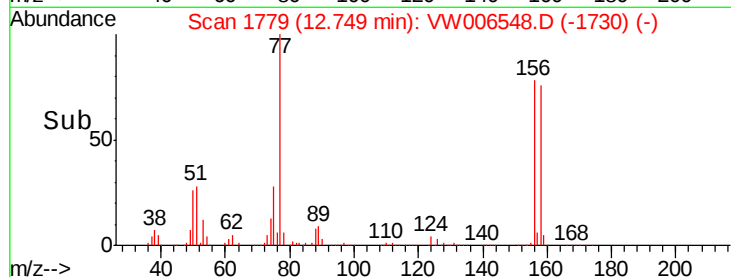
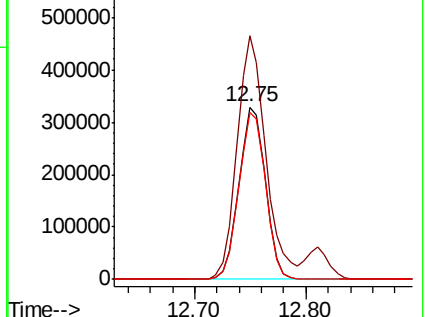
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.720 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006548.D

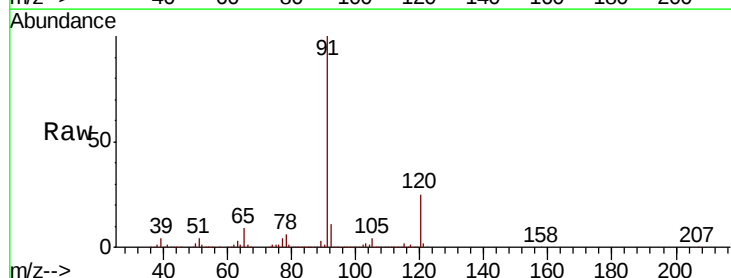
Acq: 01 Nov 2018 02:04

Tgt Ion: 91 Resp: 2435698

Ion Ratio Lower Upper

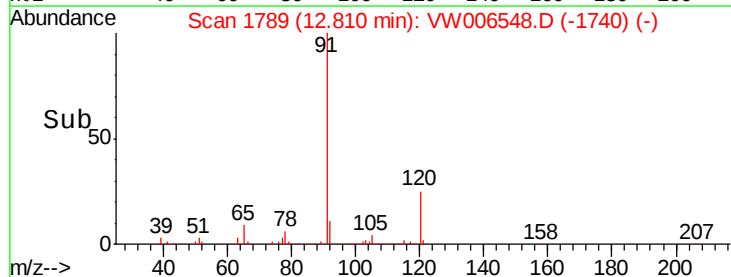
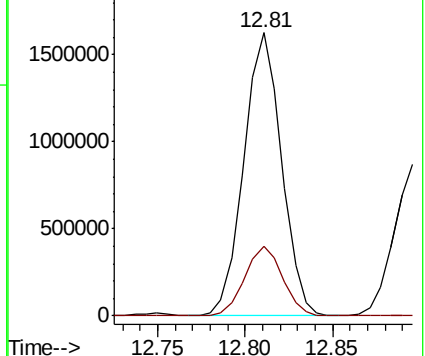
91 100

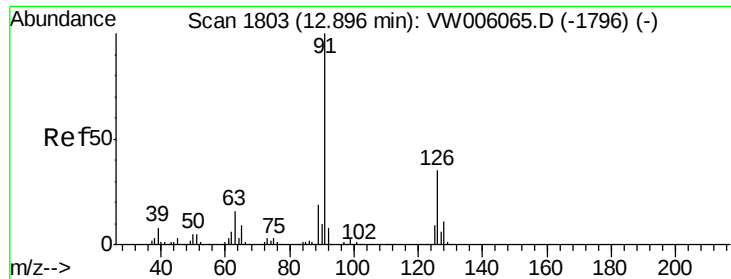
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 139.363 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

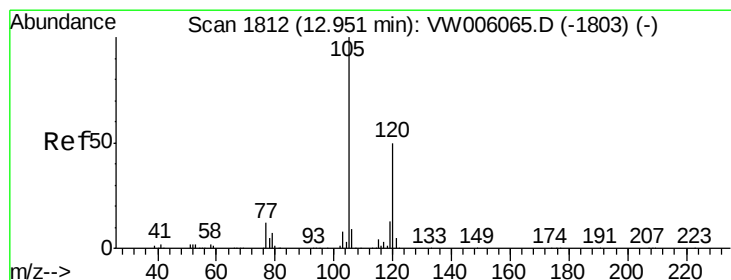
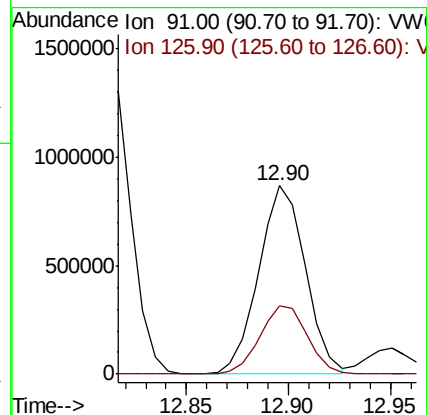
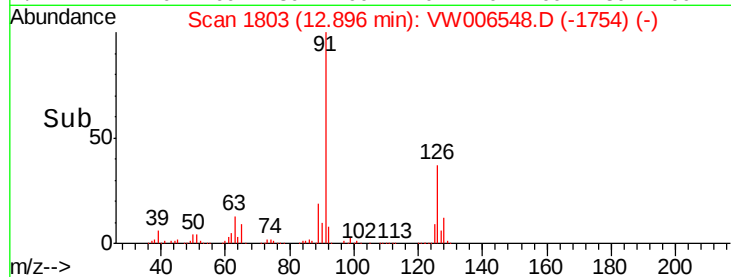
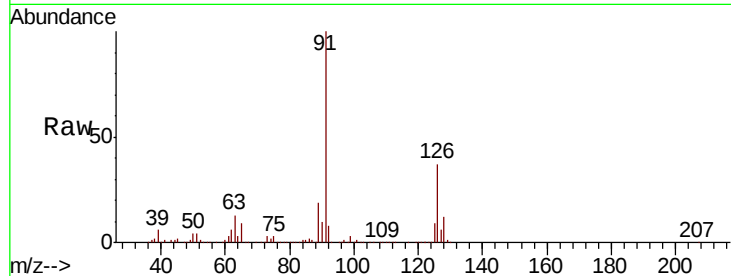
VSTDIC150

Tgt Ion: 91 Resp: 1386062

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 139.204 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006548.D

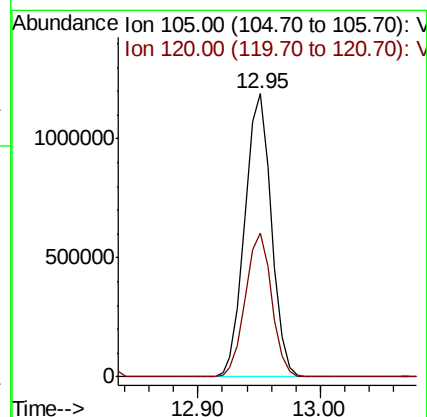
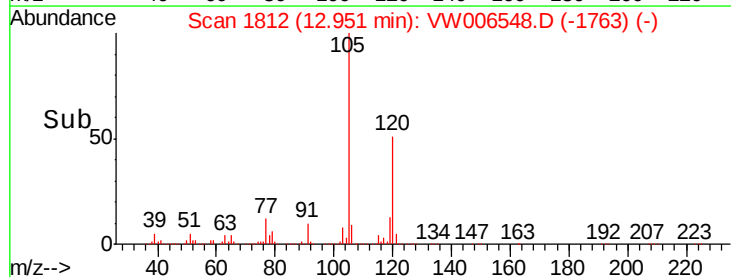
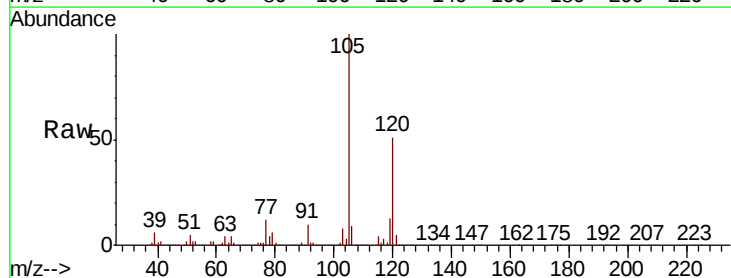
Acq: 01 Nov 2018 02:04

Tgt Ion: 105 Resp: 1786715

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 145.945 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

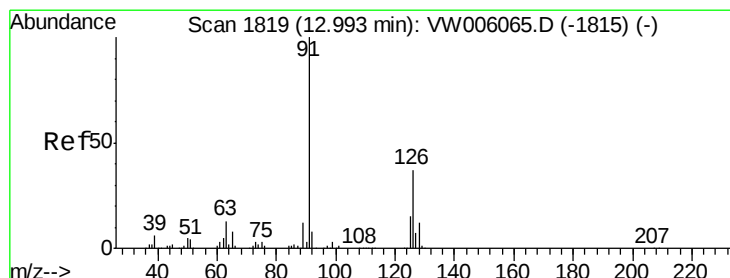
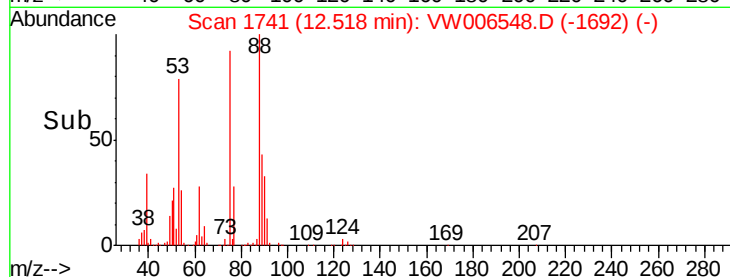
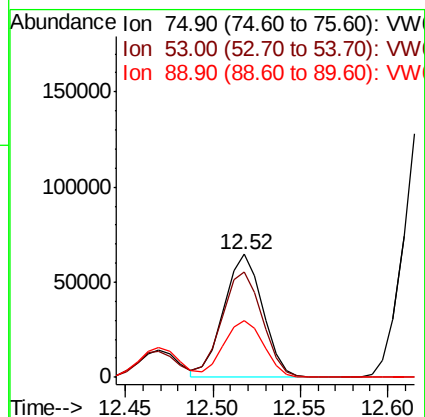
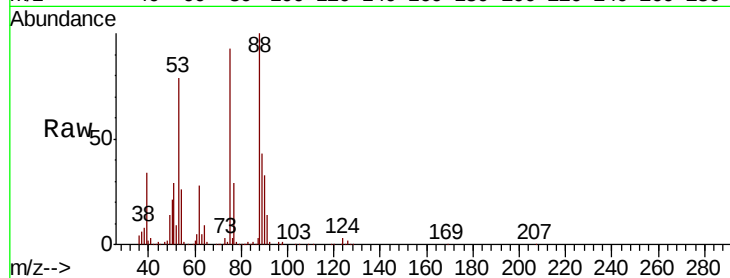
Tgt Ion: 75 Resp: 99419

Ion Ratio Lower Upper

75 100

53 89.5 77.2 115.8

89 47.9 38.6 58.0



#82

4-Chlorotoluene

Concen: 139.319 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006548.D

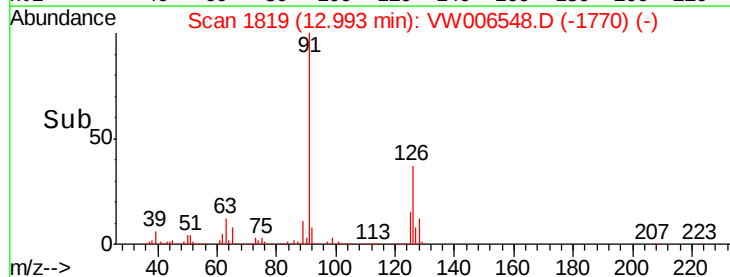
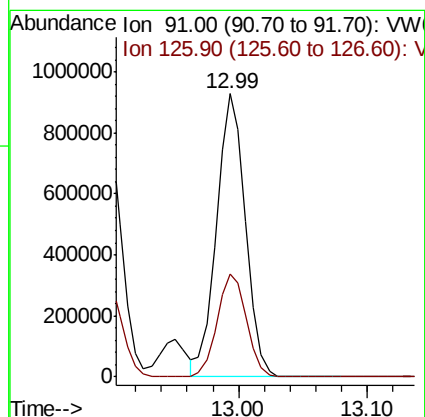
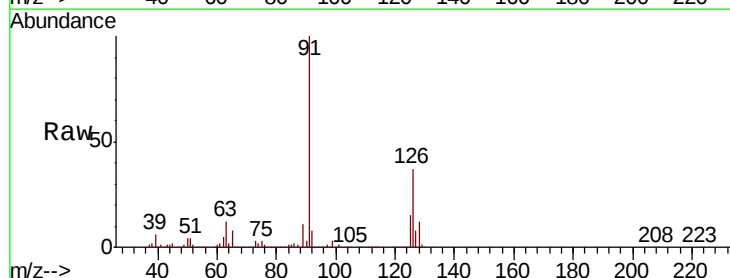
Acq: 01 Nov 2018 02:04

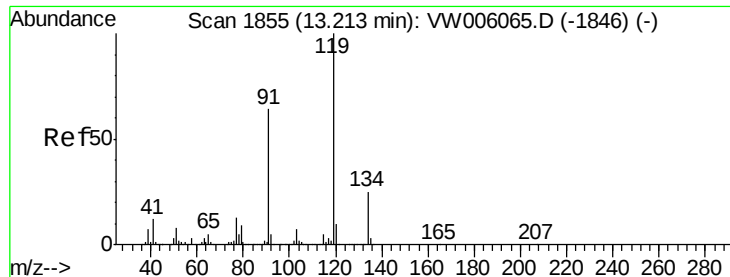
Tgt Ion: 91 Resp: 1457073

Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5





#83

tert-Butylbenzene

Concen: 139.868 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

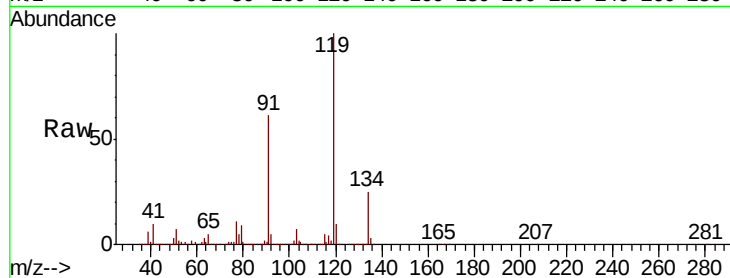
Tgt Ion:119 Resp: 1607040

Ion Ratio Lower Upper

119 100

91 61.0 30.4 91.3

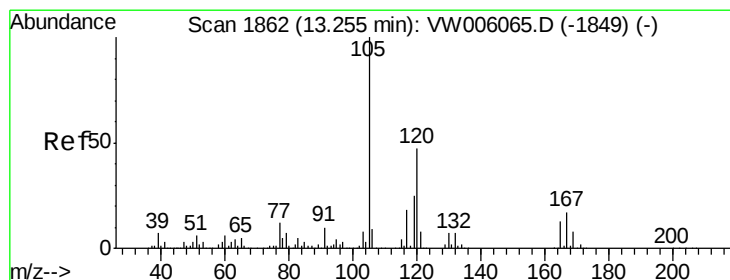
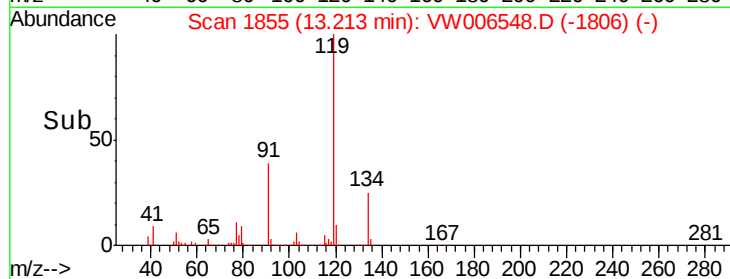
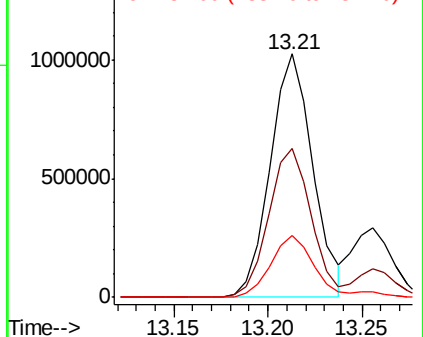
134 26.9 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 139.496 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006548.D

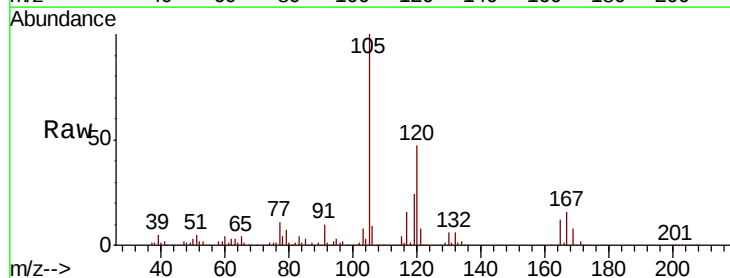
Acq: 01 Nov 2018 02:04

Tgt Ion:105 Resp: 1817237

Ion Ratio Lower Upper

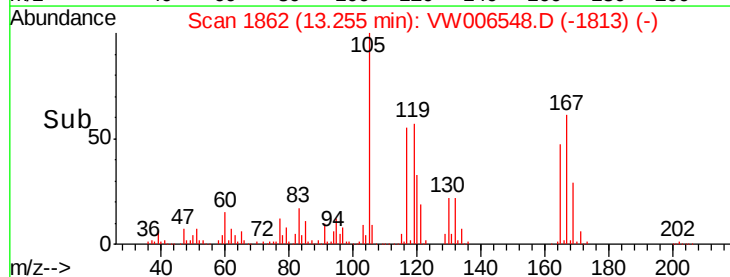
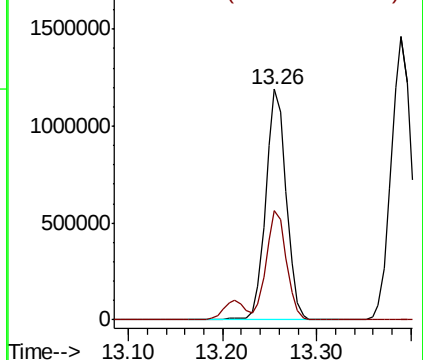
105 100

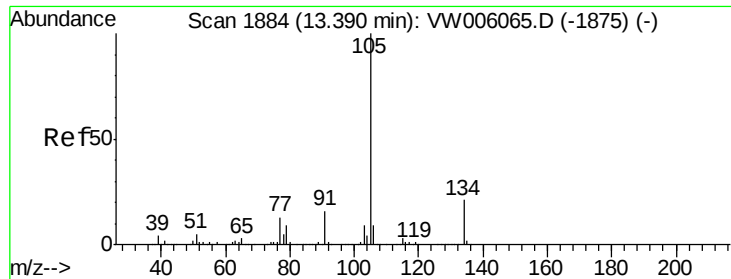
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

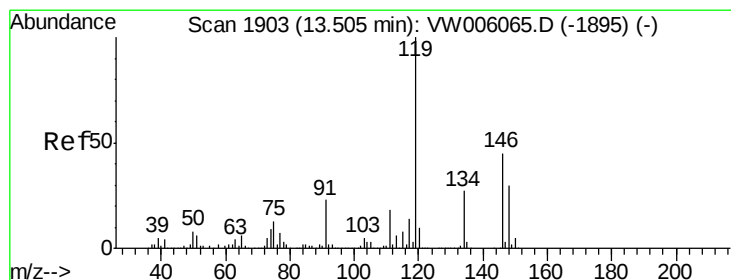
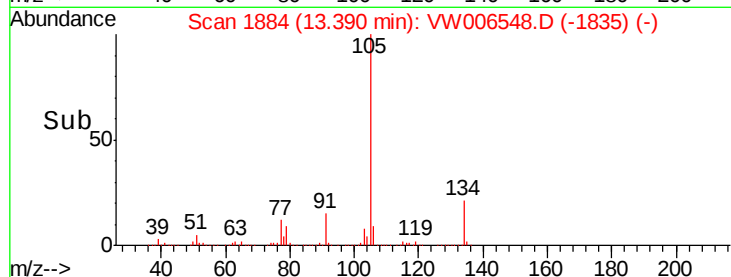
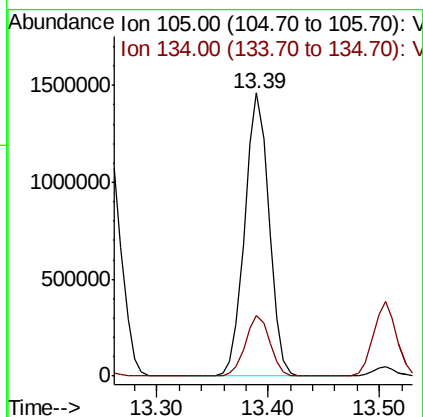
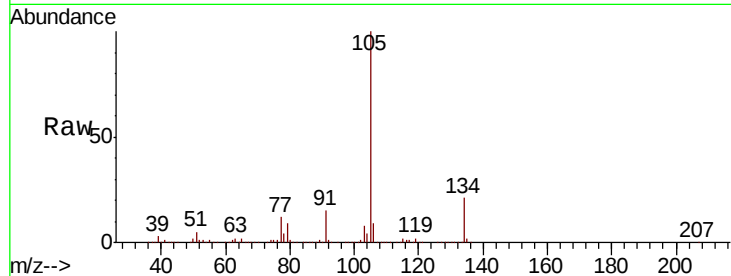




#85
 sec-Butylbenzene
 Concen: 136.768 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

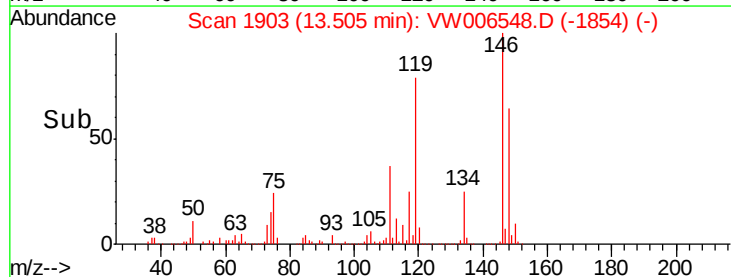
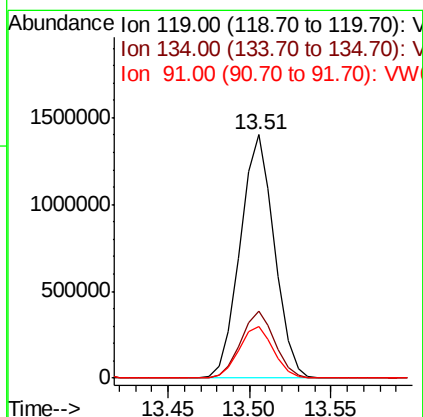
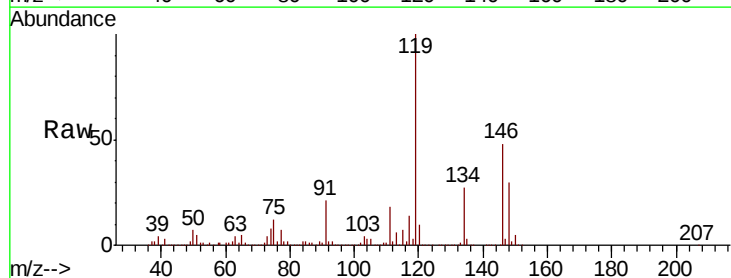
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

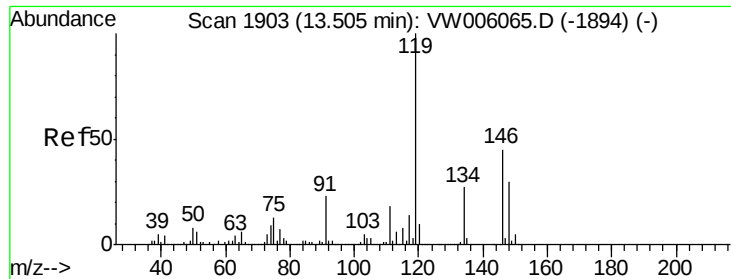
Tgt Ion:105 Resp: 2213457
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 139.472 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion:119 Resp: 2043445
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 21.6 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 141.038 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

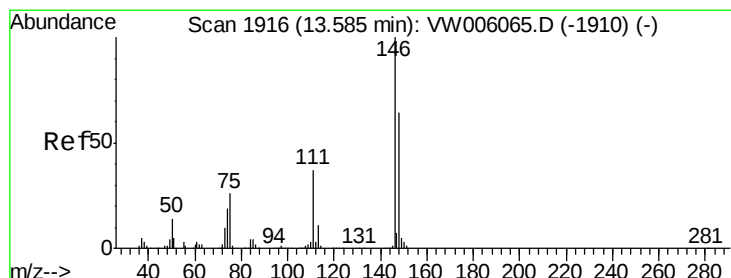
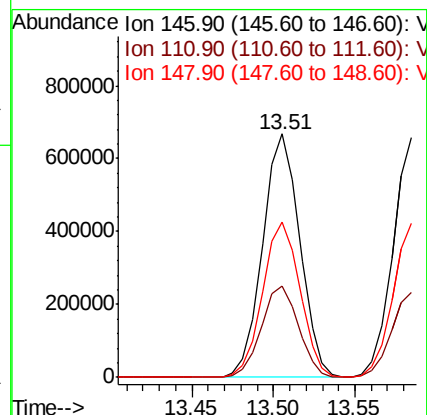
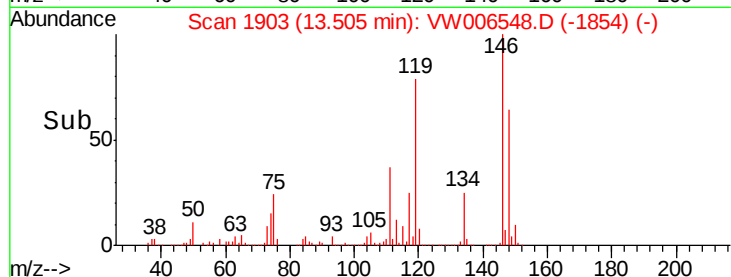
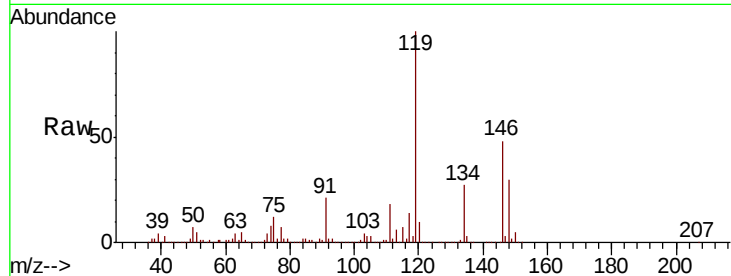
Tgt Ion:146 Resp: 1054655

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.6

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 138.417 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

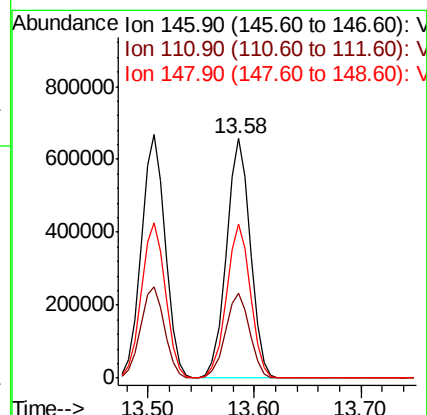
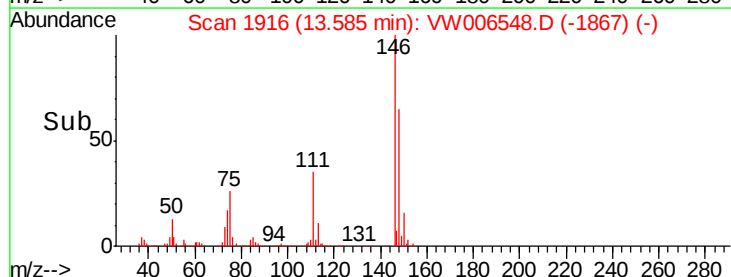
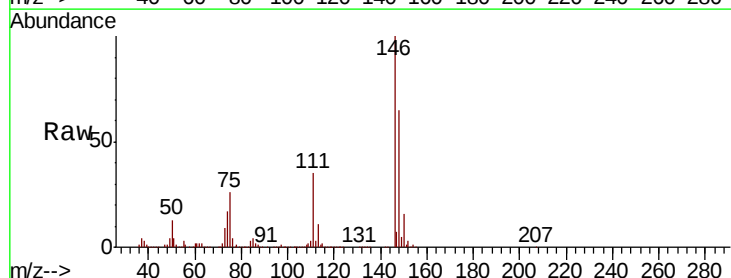
Tgt Ion:146 Resp: 1029869

Ion Ratio Lower Upper

146 100

111 35.8 17.9 53.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 135.223 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

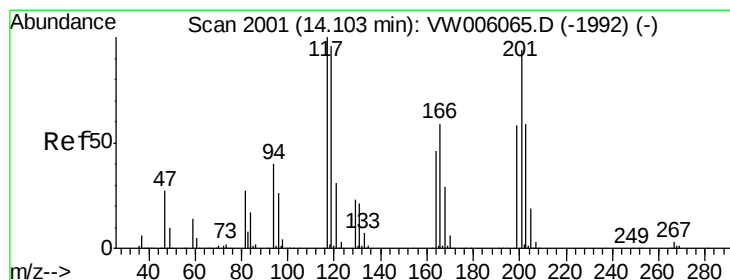
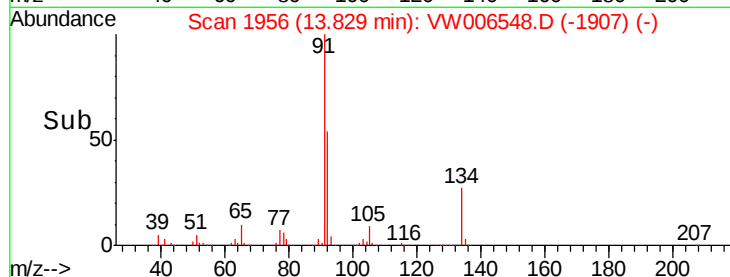
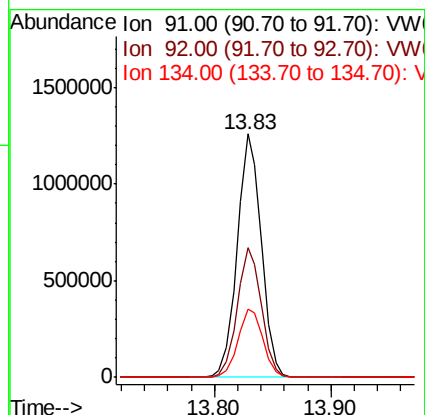
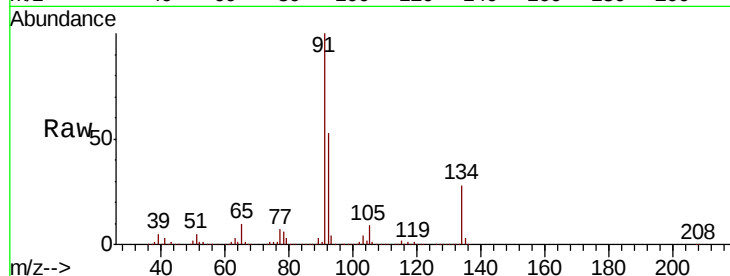
Tgt Ion: 91 Resp: 1806835

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 28.9 14.3 42.9



#90

Hexachloroethane

Concen: 143.692 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006548.D

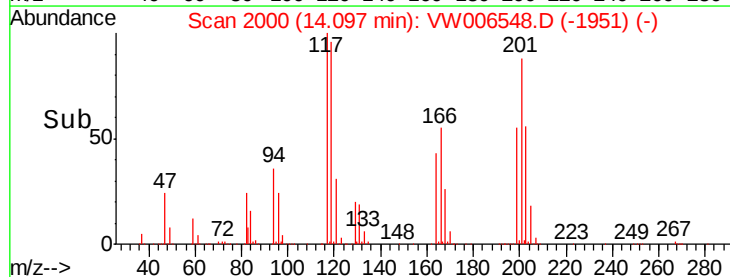
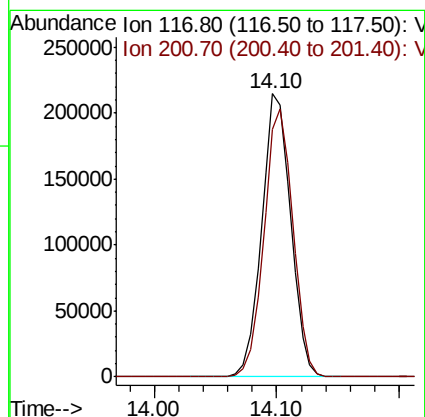
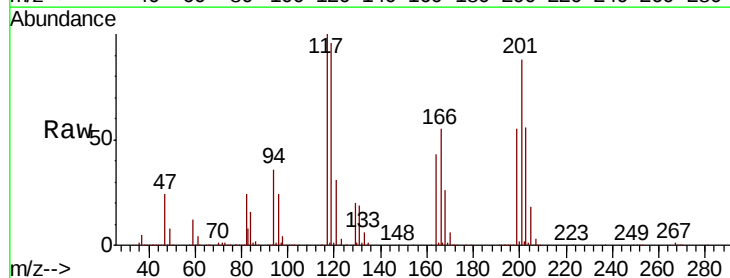
Acq: 01 Nov 2018 02:04

Tgt Ion: 117 Resp: 354829

Ion Ratio Lower Upper

117 100

201 94.4 46.8 140.3

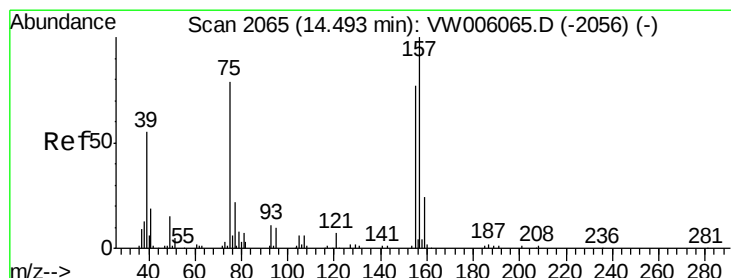
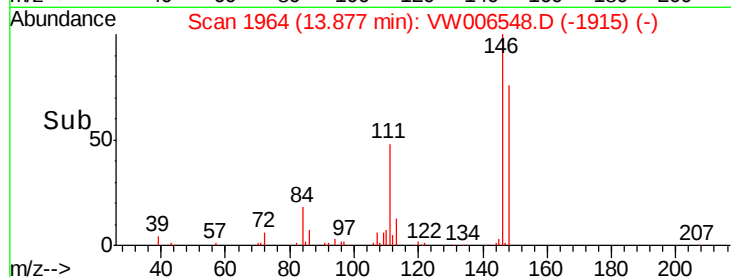
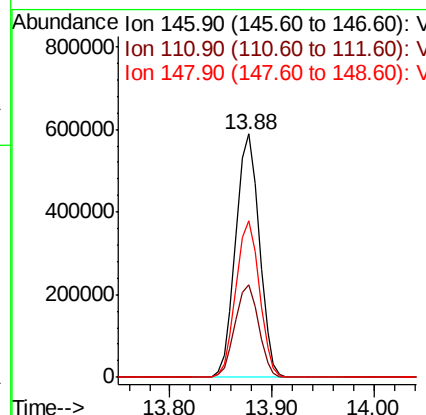
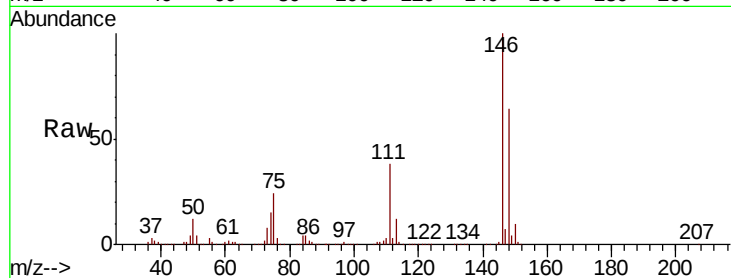




#91
 1,2-Dichlorobenzene
 Concen: 141.026 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

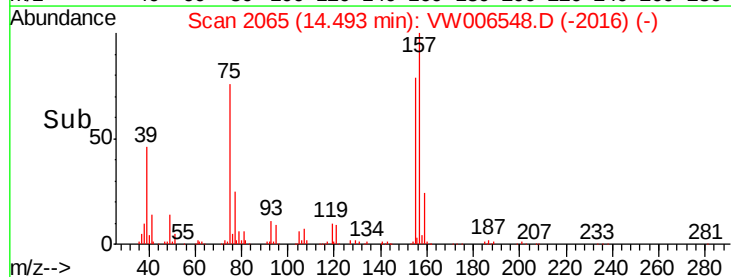
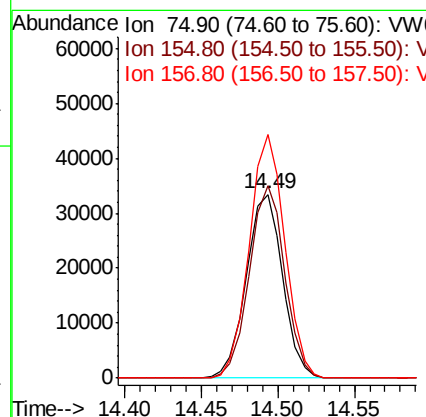
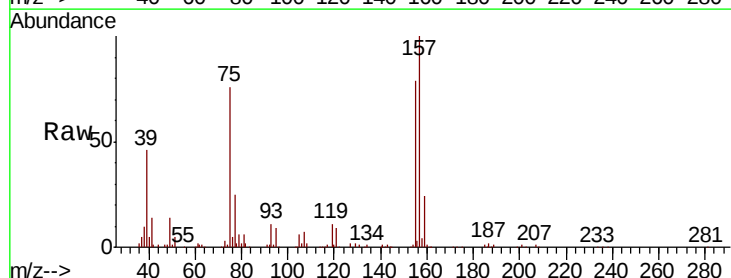
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

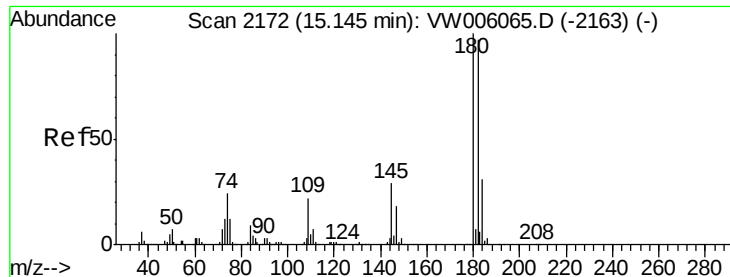
Tgt Ion:146 Resp: 940924
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.900 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 75 Resp: 55195
 Ion Ratio Lower Upper
 75 100
 155 102.2 50.6 151.8
 157 129.8 65.0 195.0

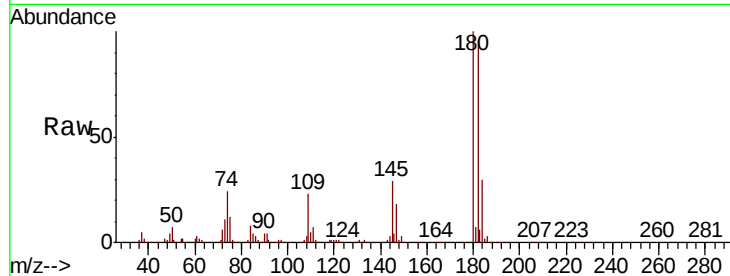




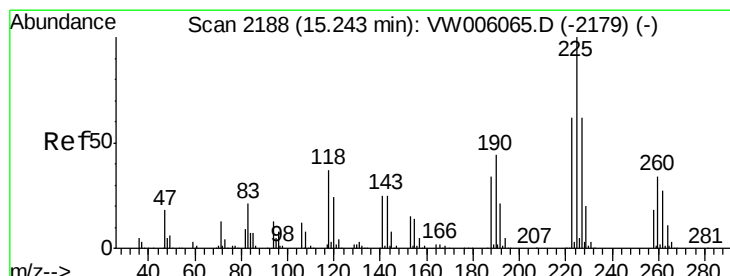
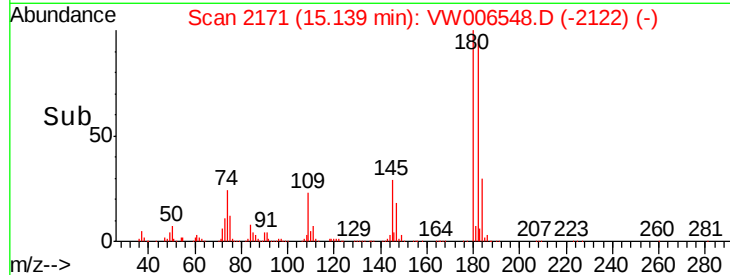
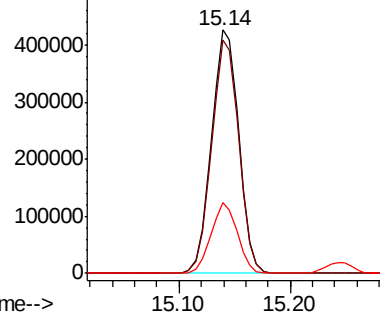
#93
 1,2,4-Trichlorobenzene
 Concen: 140.034 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 719436
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.6
 145 28.1 14.0 42.0

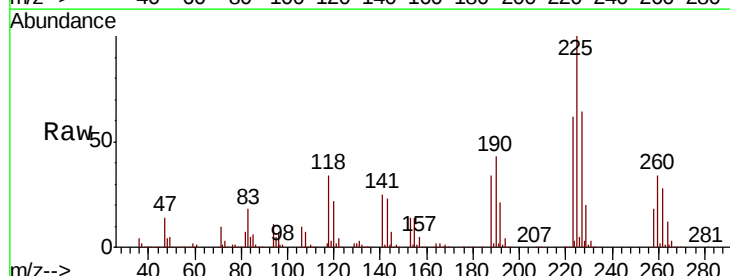


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

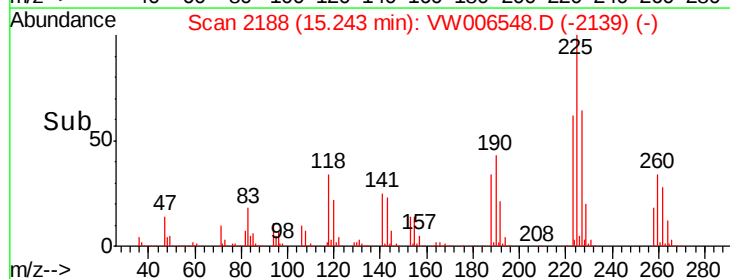
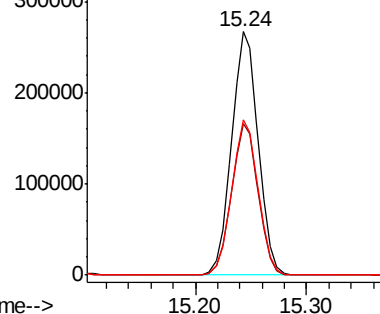


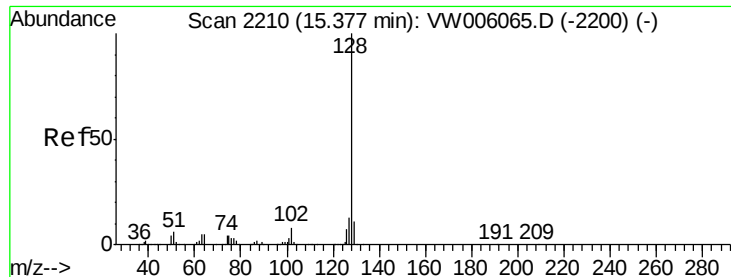
#94
 Hexachlorobutadiene
 Concen: 138.169 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion:225 Resp: 443068
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 63.4 32.2 96.6



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

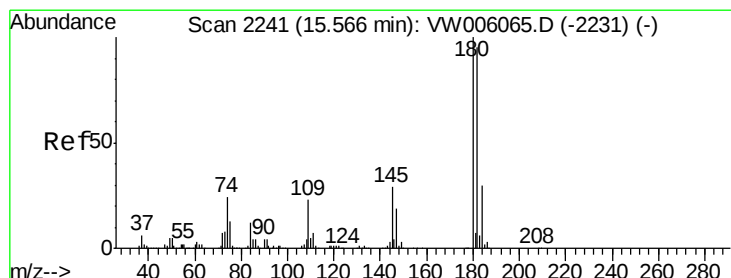
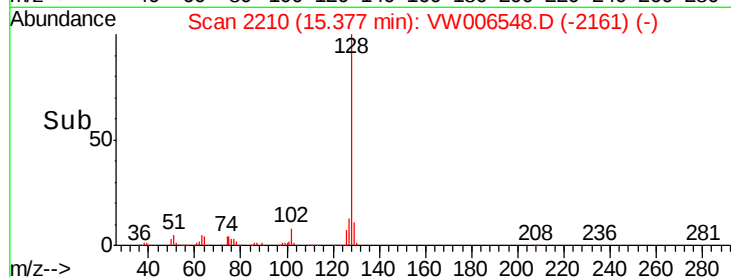
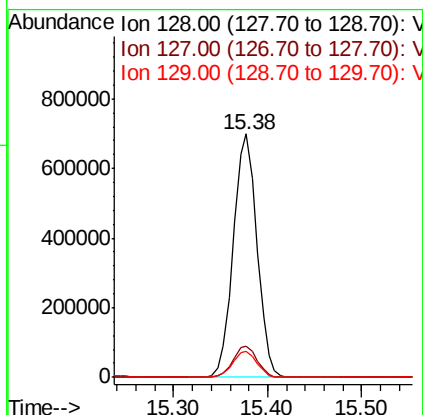
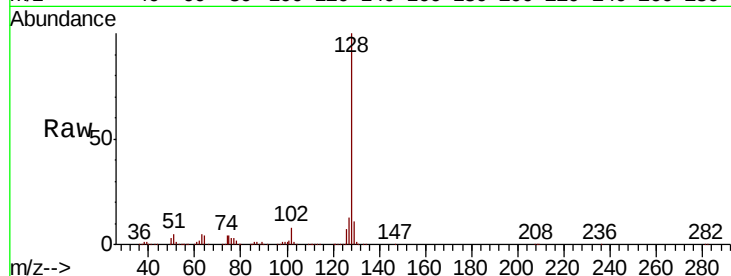




#95
Naphthalene
Concen: 142.799 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1215602
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 141.134 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion:180 Resp: 628043
Ion Ratio Lower Upper
180 100
182 95.6 48.2 144.6
145 30.0 14.9 44.5

