

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007176.D
 Acq On : 04 Dec 2018 02:35
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 03:49:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	178775	163.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.46%	
35) Dibromofluoromethane	7.88	113	173243	167.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.22%	
50) Toluene-d8	10.32	98	668033	147.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.68%	
62) 4-Bromofluorobenzene	12.62	95	255534	143.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	147555	135.029	ug/l	98
3) Chloromethane	2.21	50	218262	214.498	ug/l	99
4) Vinyl Chloride	2.35	62	125496	140.462	ug/l	95
5) Bromomethane	2.72	94	54104	118.645	ug/l	98
6) Chloroethane	2.89	64	73083	148.139	ug/l	96
7) Trichlorofluoromethane	3.24	101	273833	154.707	ug/l	95
8) Diethyl Ether	3.68	74	90381	157.744	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	165389	144.483	ug/l	99
10) Methyl Iodide	4.26	142	144544	121.037	ug/l	99
11) Tert butyl alcohol	5.17	59	79548	1043.118	ug/l	98
12) 1,1-Dichloroethene	4.03	96	159927	158.146	ug/l	95
13) Acrolein	3.89	56	60224	814.932	ug/l	98
14) Allyl chloride	4.67	41	269329	160.314	ug/l	99
15) Acrylonitrile	5.36	53	186507	859.580	ug/l	100
16) Acetone	4.12	43	162605	982.213	ug/l	99
17) Carbon Disulfide	4.37	76	531047	160.843	ug/l	99
18) Methyl Acetate	4.67	43	98417	172.275	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	425468	161.930	ug/l	97
20) Methylene Chloride	4.91	84	180017	114.574	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	185493	157.063	ug/l	97
22) Diisopropyl ether	6.31	45	486794	149.543	ug/l	99
23) Vinyl Acetate	6.26	43	1385097	802.711	ug/l	98
24) 1,1-Dichloroethane	6.21	63	315079	158.653	ug/l	98
25) 2-Butanone	7.17	43	234030	858.285	ug/l	100
26) 2,2-Dichloropropane	7.16	77	261293	146.950	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	208433	165.236	ug/l	99
28) Bromochloromethane	7.51	49	119128	161.006	ug/l	# 100
29) Tetrahydrofuran	7.52	42	154270	875.094	ug/l	100
30) Chloroform	7.67	83	336725	159.438	ug/l	97
31) Cyclohexane	7.95	56	267718	128.899	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	292334	153.898	ug/l	100
36) 1,1-Dichloropropene	8.08	75	241837	136.574	ug/l	100
37) Ethyl Acetate	7.25	43	103642	159.750	ug/l	99
38) Carbon Tetrachloride	8.07	117	250183	146.776	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	307860	138.792	ug/l	94
40) Benzene	8.32	78	688421	143.082	ug/l	99
41) Methacrylonitrile	7.49	41	63709	156.622	ug/l	91
42) 1,2-Dichloroethane	8.40	62	216885	155.398	ug/l	99
43) Isopropyl Acetate	8.43	43	205446	165.264	ug/l	99
44) Trichloroethene	9.09	130	195415	144.801	ug/l	99
45) 1,2-Dichloropropane	9.37	63	169182	143.436	ug/l	99
46) Dibromomethane	9.46	93	96401	161.127	ug/l	100
47) Bromodichloromethane	9.65	83	242315	154.527	ug/l	100
48) Methyl methacrylate	9.44	41	100863	168.877	ug/l	95
49) 1,4-Dioxane	9.45	88	30022	3296.823	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	483462	773.954	ug/l	100
52) Toluene	10.39	92	470471	143.689	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	241056	158.284	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	275463	150.959	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	130326	148.941	ug/l	97
56) Ethyl methacrylate	10.65	69	175565	170.353	ug/l	99
57) 1,3-Dichloropropane	10.93	76	222347	151.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	353158	677.219	ug/l	99
59) 2-Hexanone	10.97	43	334044	783.287	ug/l	98
60) Dibromochloromethane	11.13	129	162283	161.526	ug/l	99
61) 1,2-Dibromoethane	11.24	107	128437	158.929	ug/l	99
64) Tetrachloroethene	10.87	164	172961	156.570	ug/l	96
65) Chlorobenzene	11.66	112	516097	145.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	169275	156.032	ug/l	98
67) Ethyl Benzene	11.73	91	912794	140.654	ug/l	96
68) m/p-Xylenes	11.84	106	706203	277.167	ug/l	95
69) o-Xylene	12.17	106	349238	145.455	ug/l	95
70) Styrene	12.18	104	562621	146.750	ug/l	98
71) Bromoform	12.35	173	90161	174.746	ug/l #	96
73) Isopropylbenzene	12.47	105	956101	148.922	ug/l	99
74) N-amyl acetate	12.27	43	171822	156.776	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	134067	154.798	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	189390	279.483	ug/l #	1
77) Bromobenzene	12.75	156	210027	151.921	ug/l	94
78) n-propylbenzene	12.81	91	1115706	143.811	ug/l	98
79) 2-Chlorotoluene	12.90	91	622260	138.854	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	800617	144.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45902	173.895	ug/l	99
82) 4-Chlorotoluene	12.99	91	672346	143.144	ug/l	100
83) tert-Butylbenzene	13.21	119	673057	139.811	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	814377	147.060	ug/l	99
85) sec-Butylbenzene	13.39	105	981290	144.748	ug/l	100
86) p-Isopropyltoluene	13.51	119	859745	143.574	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	414183	147.117	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	400060	141.751	ug/l	99
89) n-Butylbenzene	13.83	91	805661	143.224	ug/l	96
90) Hexachloroethane	14.10	117	143374	161.965	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	366875	148.181	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25777	173.150	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Dec 04 03:43:44 2018
Response via : Initial Calibration

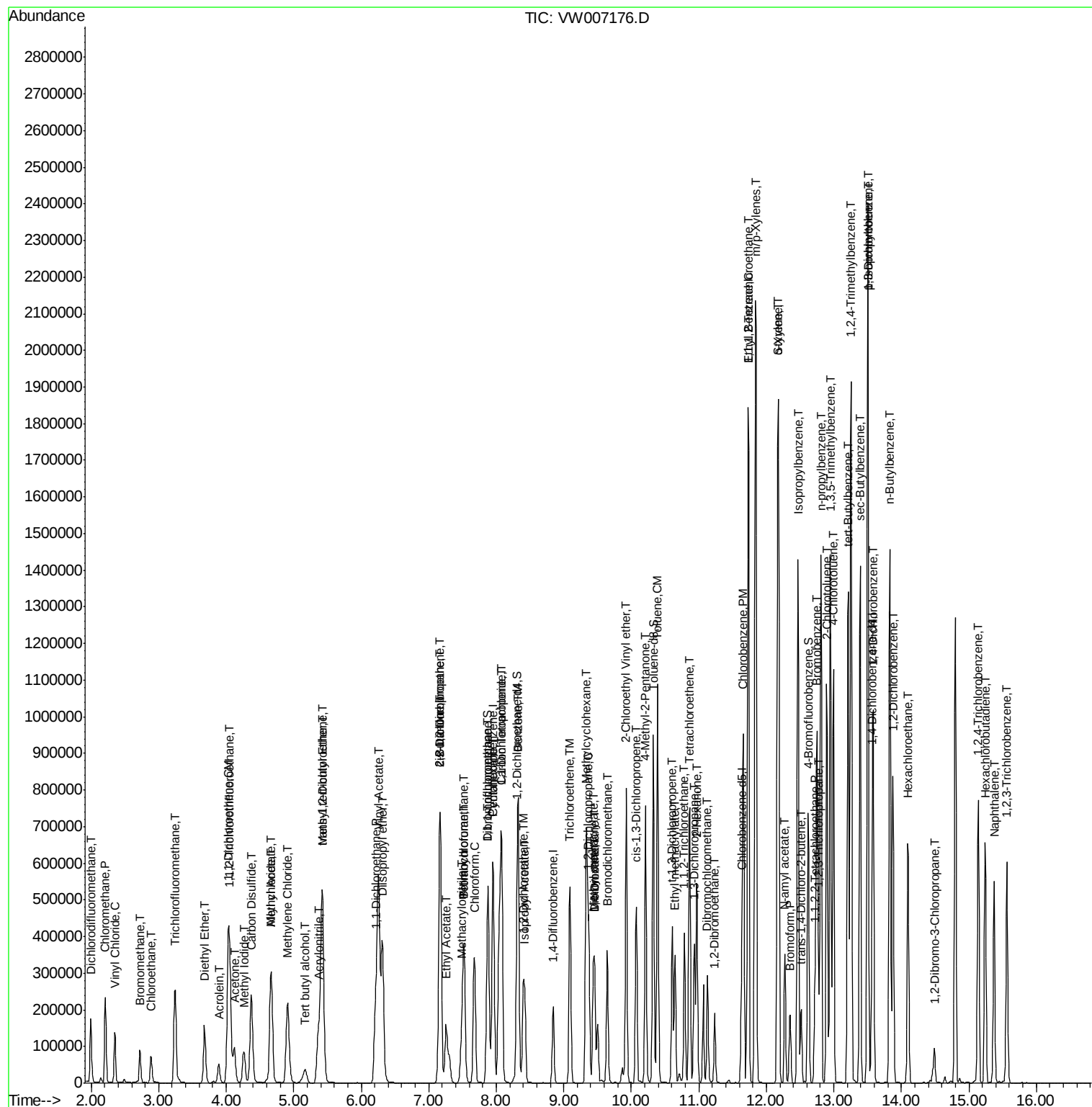
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	251103	152.716	ug/l	99
94) Hexachlorobutadiene	15.24	225	121612	137.935	ug/l	99
95) Naphthalene	15.38	128	486656	162.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	208236	152.694	ug/l	99

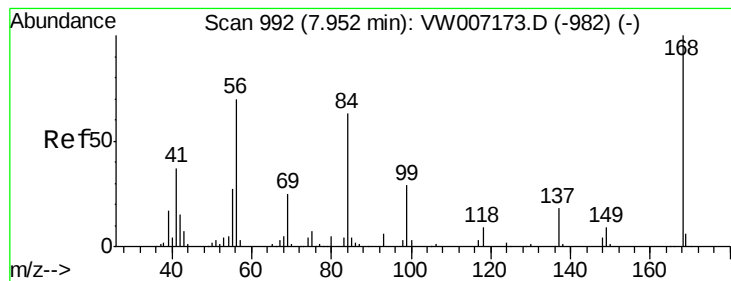
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007176.D
 Acq On : 04 Dec 2018 02:35
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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Quant Time: Dec 04 03:49:36 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

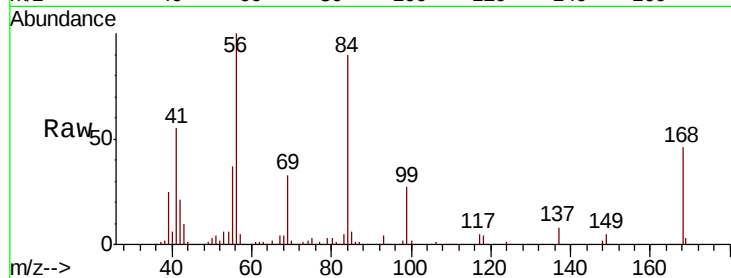
VSTDIC150

Tgt Ion:168 Resp: 111967

Ion Ratio Lower Upper

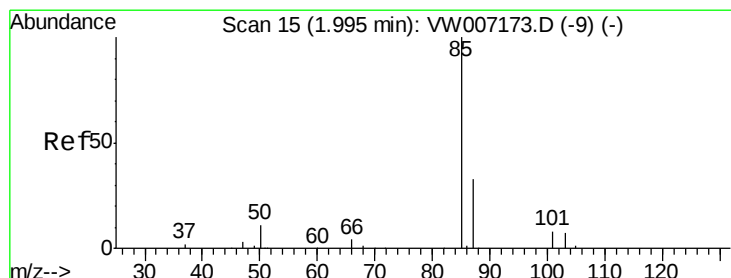
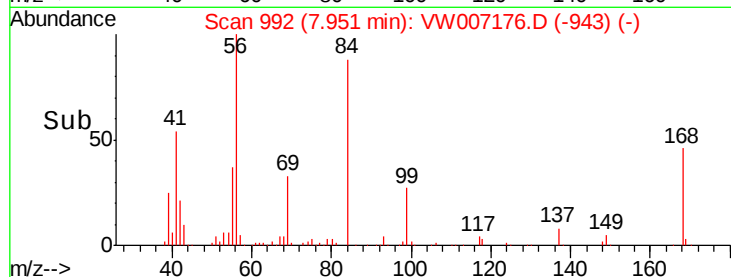
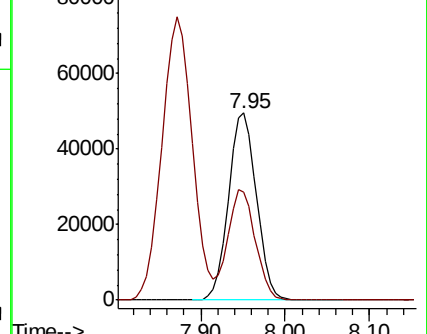
168 100

99 57.5 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 135.029 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW007176.D

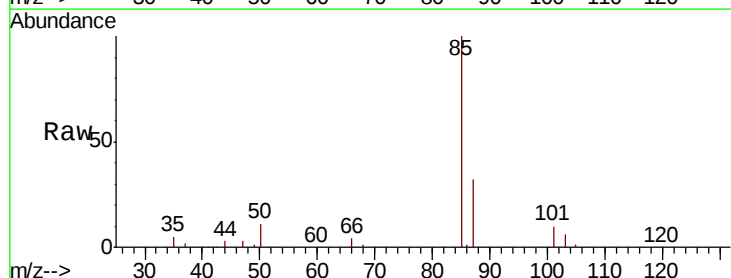
Acq: 04 Dec 2018 02:35

Tgt Ion: 85 Resp: 147555

Ion Ratio Lower Upper

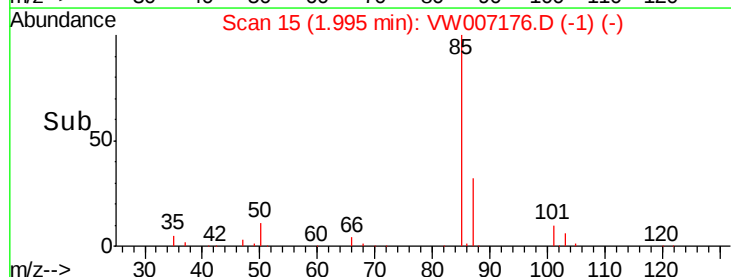
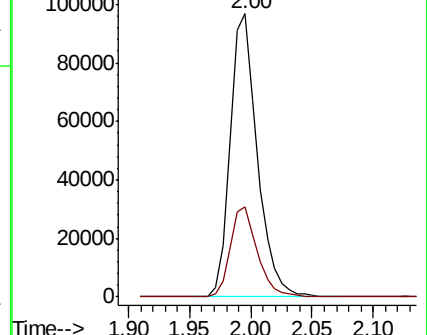
85 100

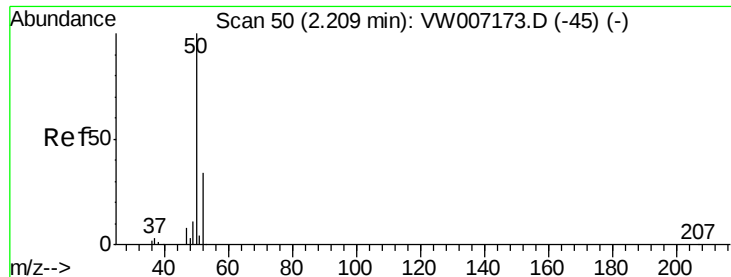
87 31.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 214.498 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

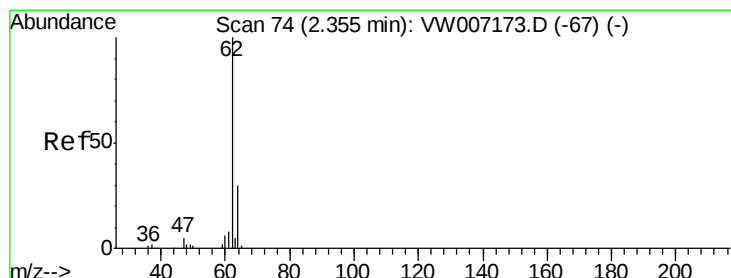
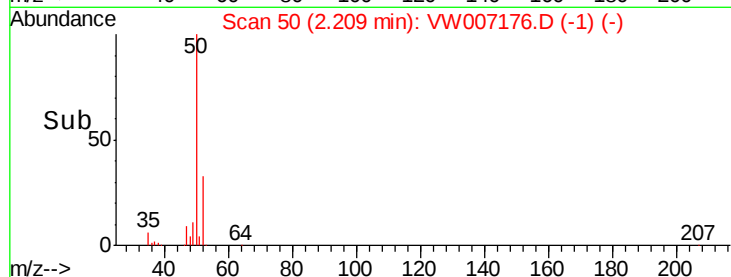
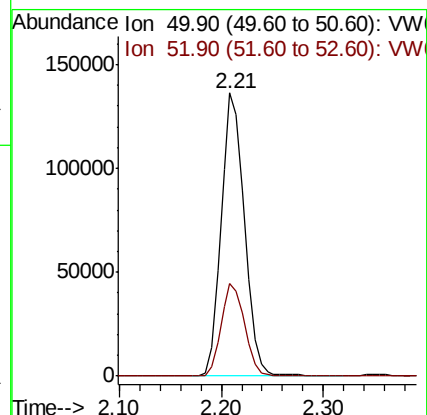
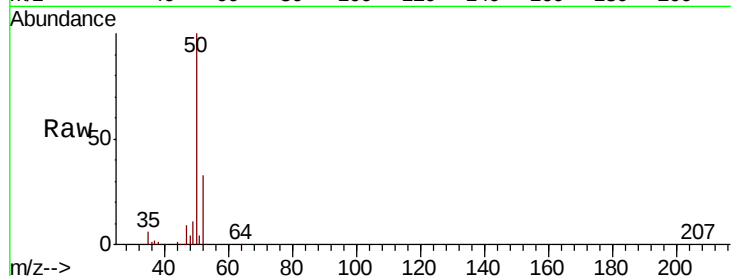
VSTDIC150

Tgt Ion: 50 Resp: 218262

Ion Ratio Lower Upper

50 100

52 32.9 26.9 40.3



#4

Vinyl Chloride

Concen: 140.462 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW007176.D

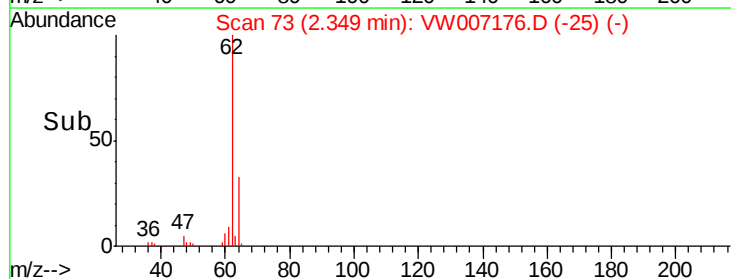
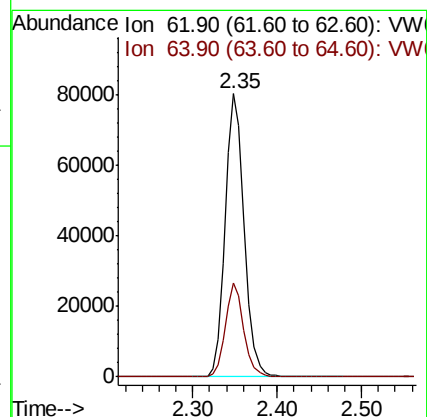
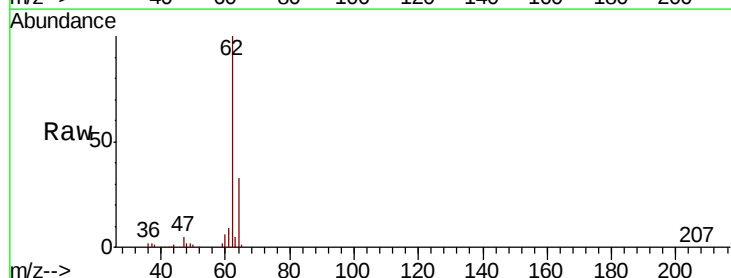
Acq: 04 Dec 2018 02:35

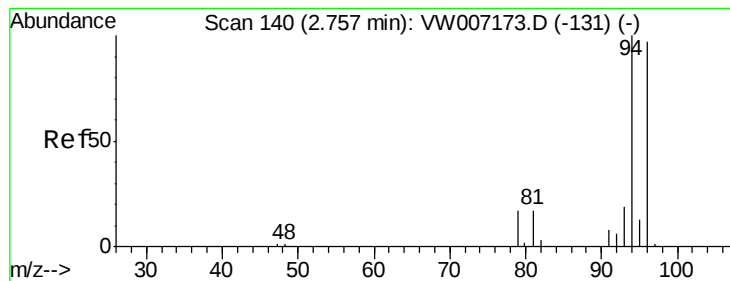
Tgt Ion: 62 Resp: 125496

Ion Ratio Lower Upper

62 100

64 33.0 24.3 36.5





#5

Bromomethane

Concen: 118.645 ug/l

RT: 2.72 min Scan# 134

Delta R.T. -0.04 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

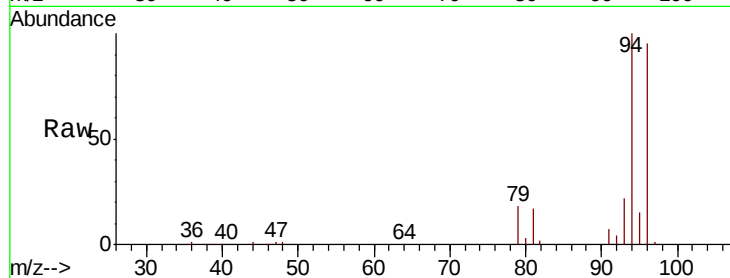
VSTDIC150

Tgt Ion: 94 Resp: 54104

Ion Ratio Lower Upper

94 100

96 94.5 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.72

30000

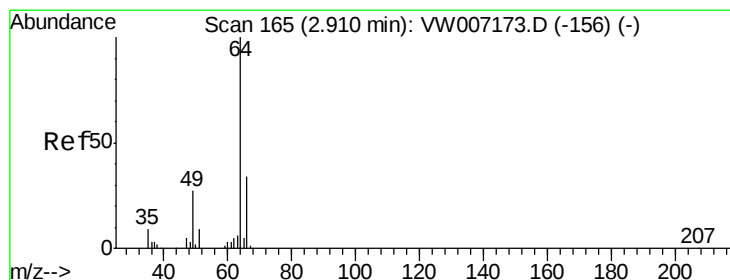
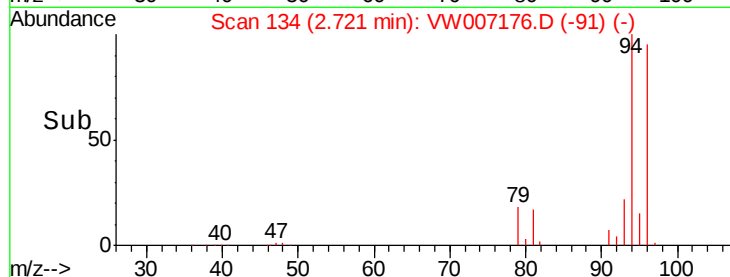
20000

10000

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Time-->

2.65 2.70 2.75 2.80



#6

Chloroethane

Concen: 148.139 ug/l

RT: 2.89 min Scan# 161

Delta R.T. -0.02 min

Lab File: VW007176.D

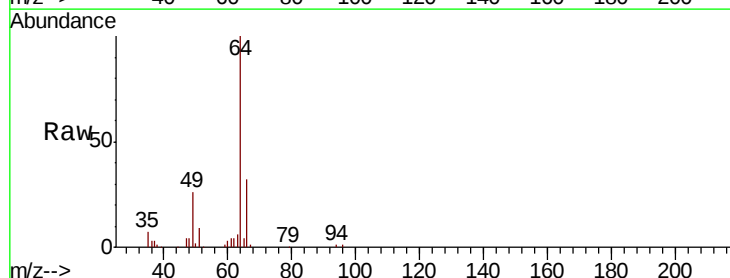
Acq: 04 Dec 2018 02:35

Tgt Ion: 64 Resp: 73083

Ion Ratio Lower Upper

64 100

66 31.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

40000

30000

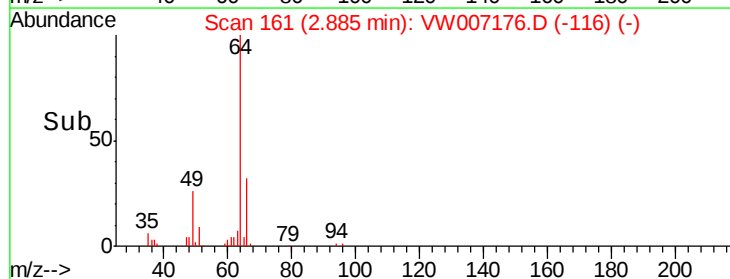
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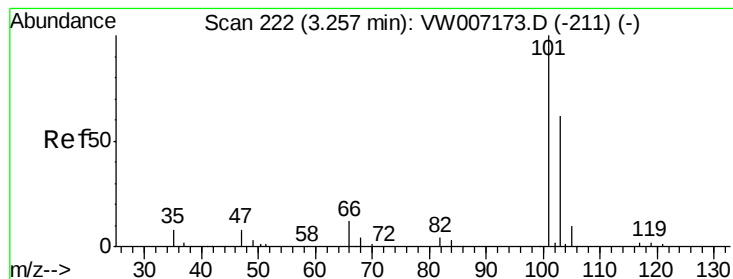
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Time-->

2.80 2.90 3.00



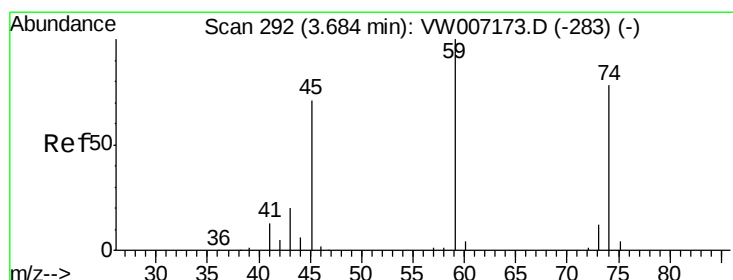
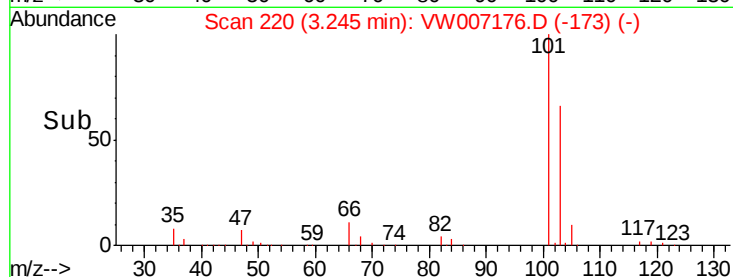
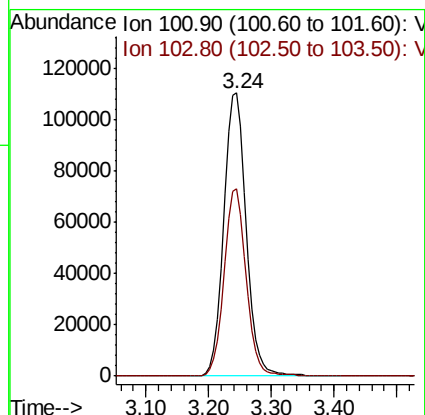
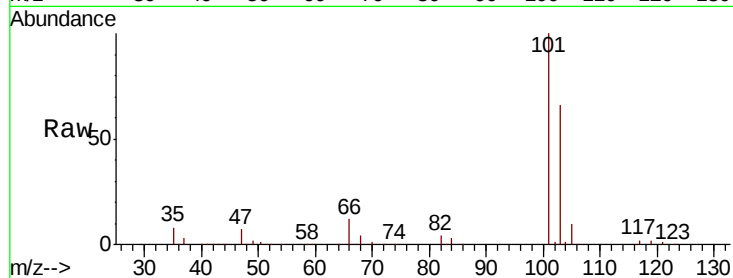


#7

Trichlorofluoromethane
Concen: 154.707 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Instrument :
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ClientSampleId :
VSTDIC150

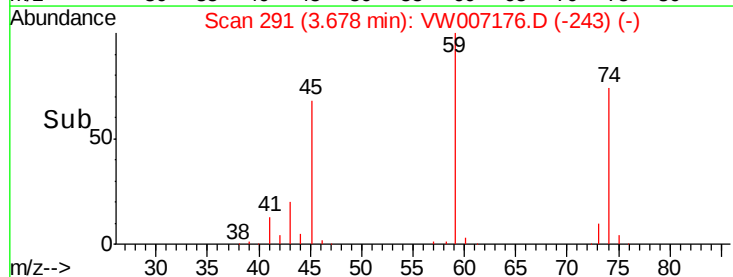
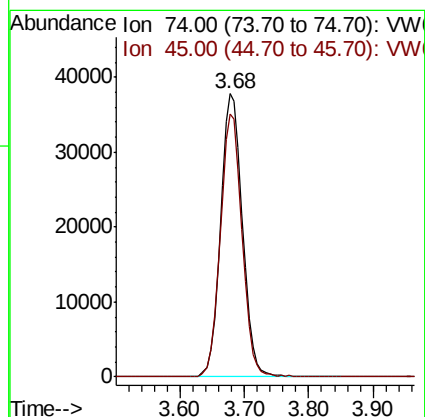
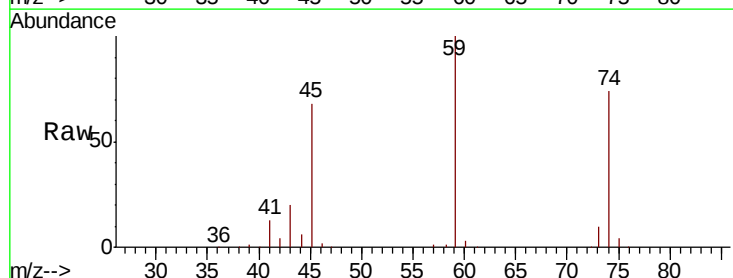
Tgt Ion: 101 Resp: 273833
Ion Ratio Lower Upper
101 100
103 66.0 49.6 74.4

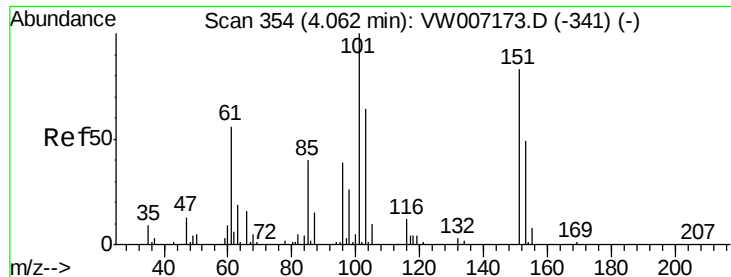


#8

Diethyl Ether
Concen: 157.744 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 74 Resp: 90381
Ion Ratio Lower Upper
74 100
45 92.3 45.6 136.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.483 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

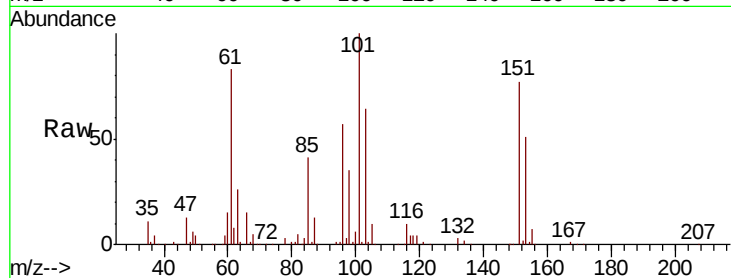
Tgt Ion:101 Resp: 165389

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.2

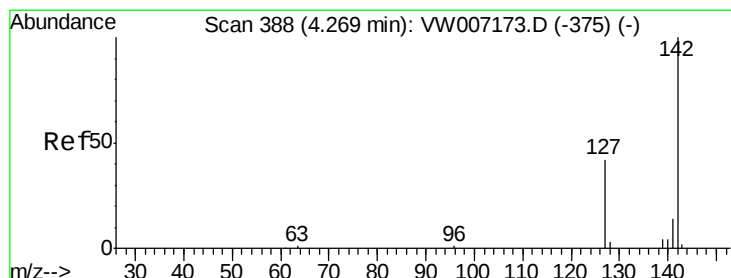
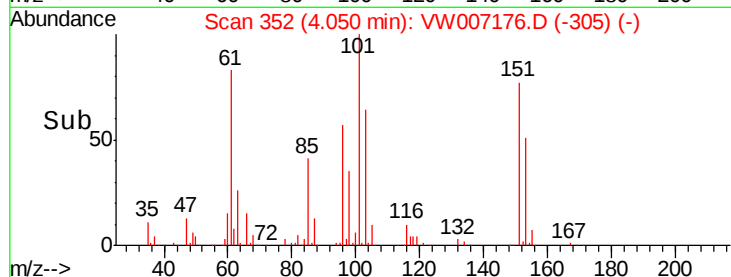
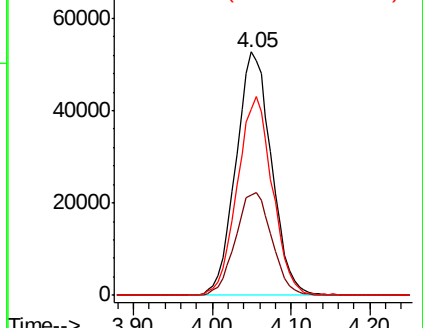
151 80.6 63.8 95.6



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: 121.037 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

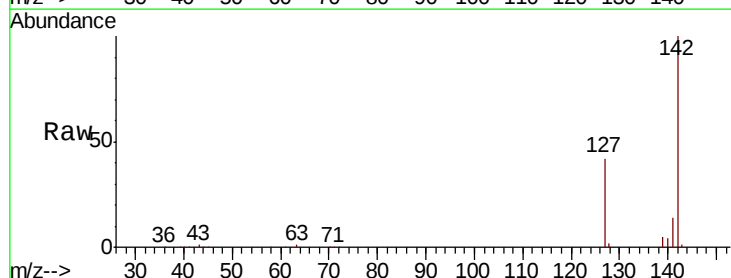
Tgt Ion:142 Resp: 144544

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.8

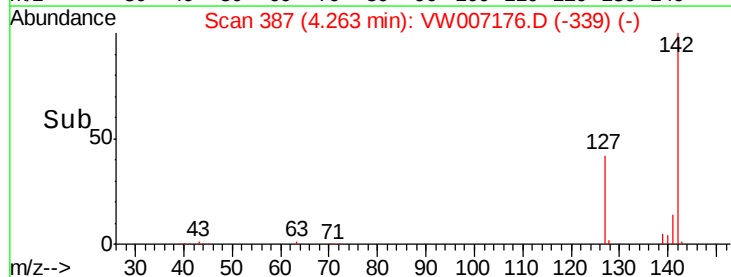
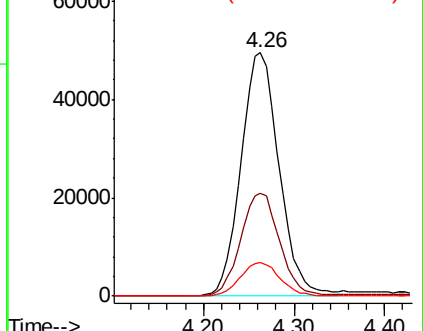
141 14.6 11.7 17.5

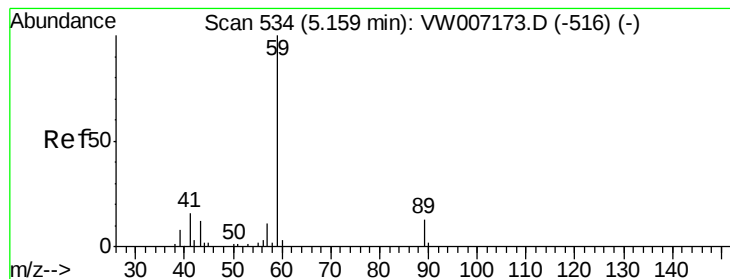


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



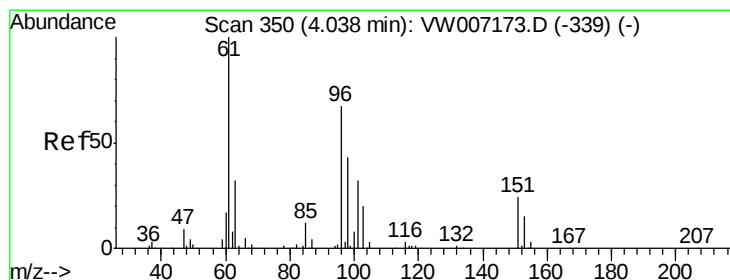
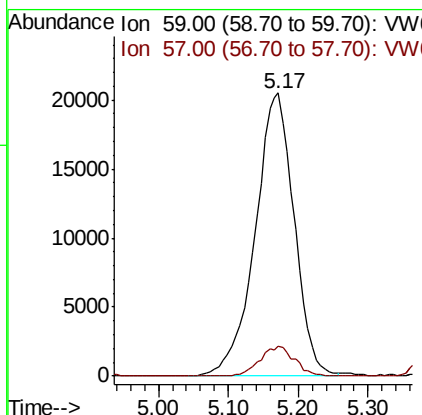
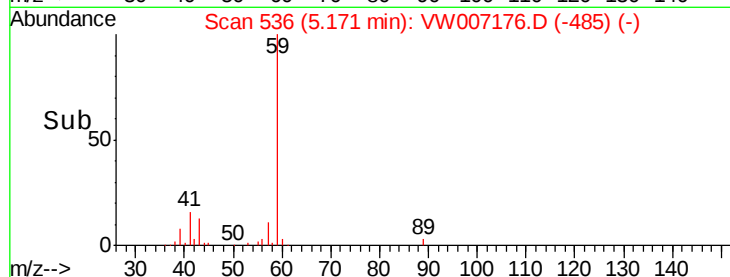
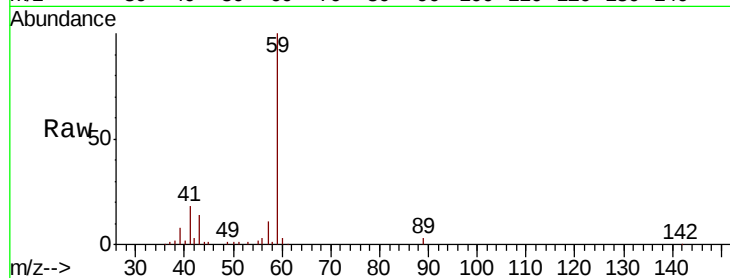


#11

Tert butyl alcohol
 Concen: 1043.118 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

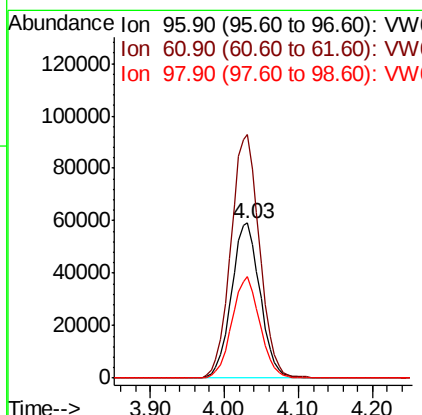
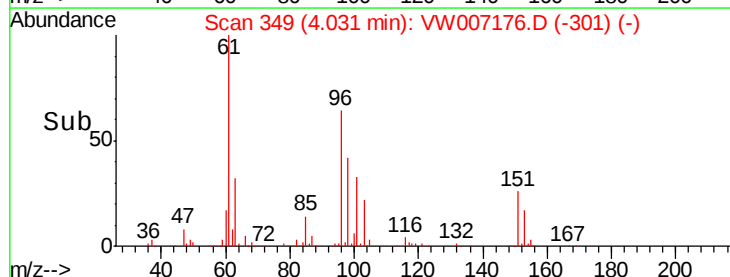
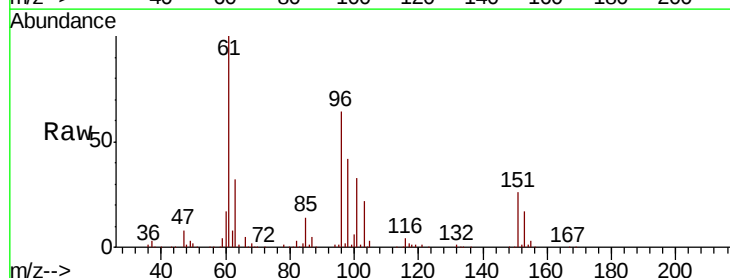
Tgt Ion: 59 Resp: 79548
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.0 10.4

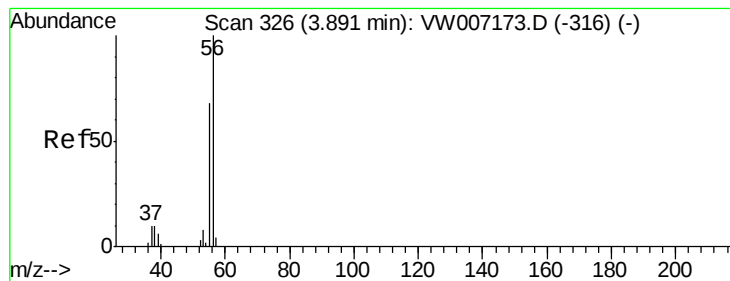


#12

1,1-Dichloroethene
 Concen: 158.146 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 96 Resp: 159927
 Ion Ratio Lower Upper
 96 100
 61 157.1 119.4 179.2
 98 65.4 51.0 76.6





#13

Acrolein

Concen: 814.932 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

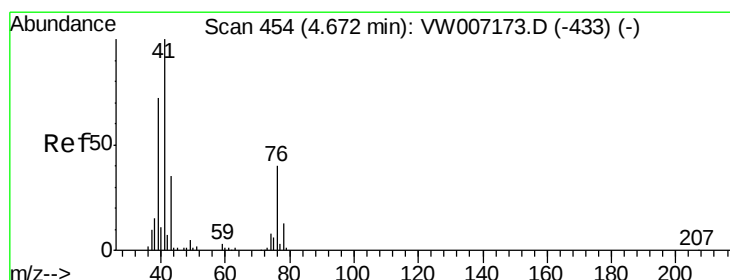
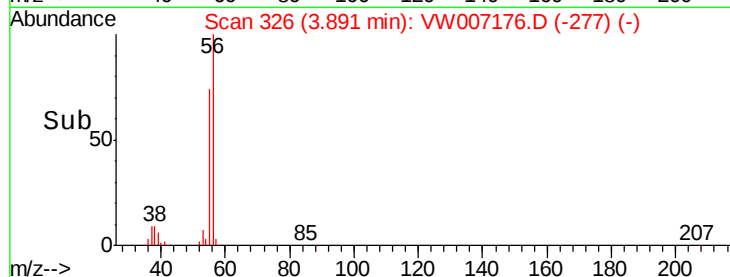
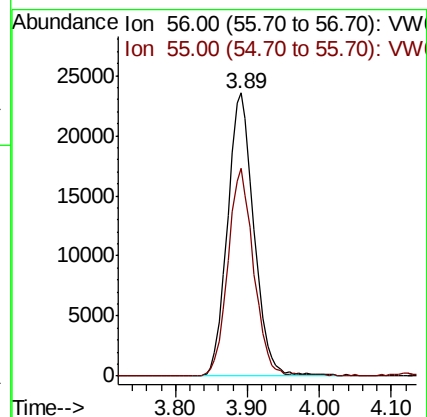
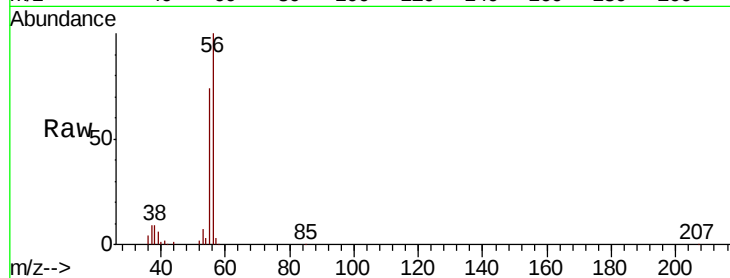
VSTDIC150

Tgt Ion: 56 Resp: 60224

Ion Ratio Lower Upper

56 100

55 71.1 55.8 83.6



#14

Allyl chloride

Concen: 160.314 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

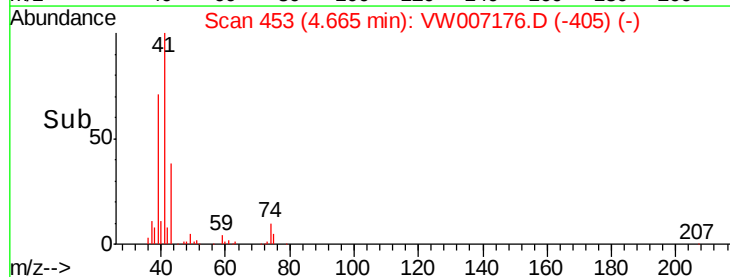
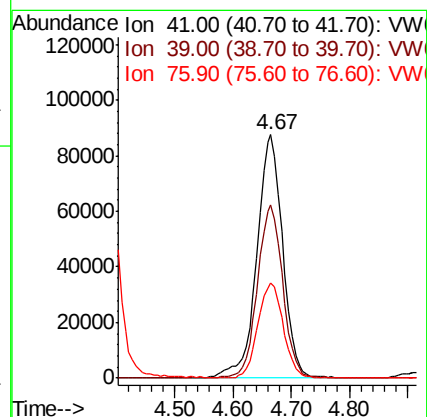
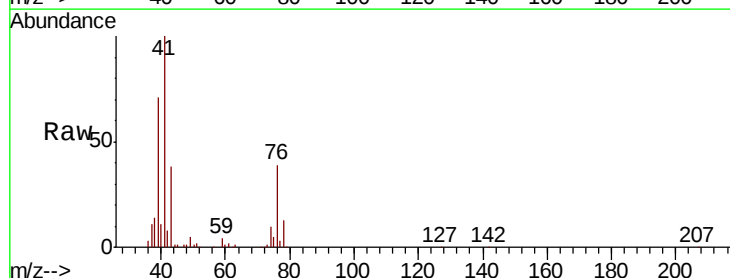
Tgt Ion: 41 Resp: 269329

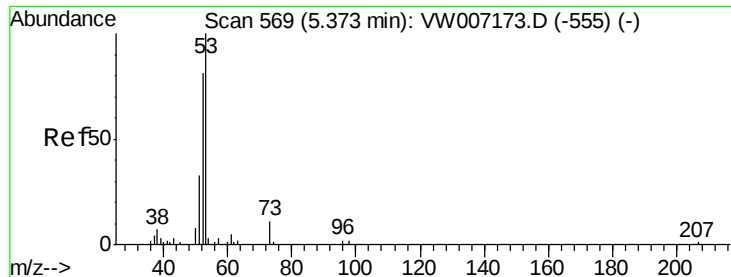
Ion Ratio Lower Upper

41 100

39 69.8 55.1 82.7

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 859.580 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

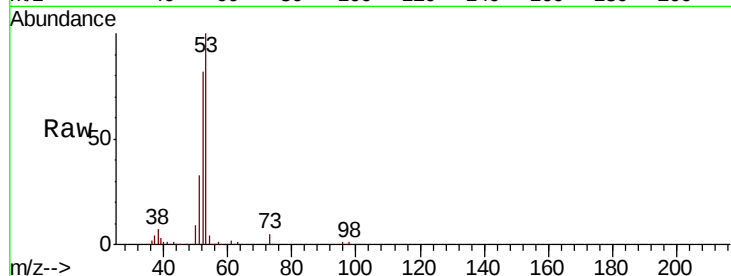
Tgt Ion: 53 Resp: 186507

Ion Ratio Lower Upper

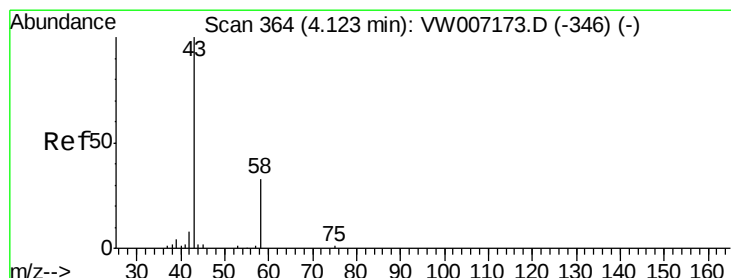
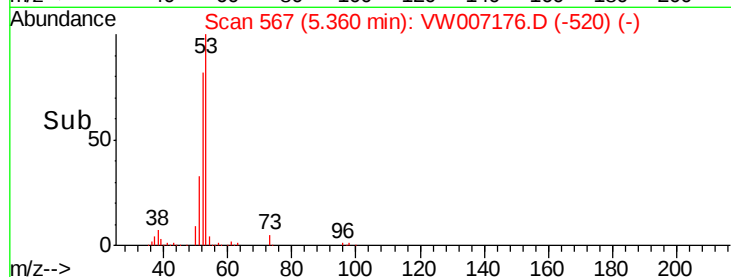
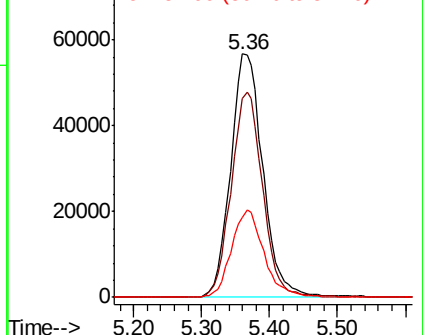
53 100

52 82.0 65.2 97.8

51 36.4 29.2 43.8



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: 982.213 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007176.D

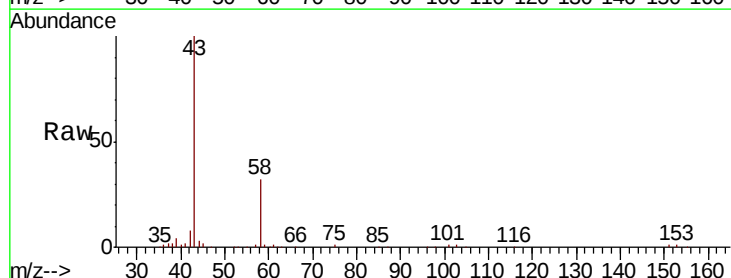
Acq: 04 Dec 2018 02:35

Tgt Ion: 43 Resp: 162605

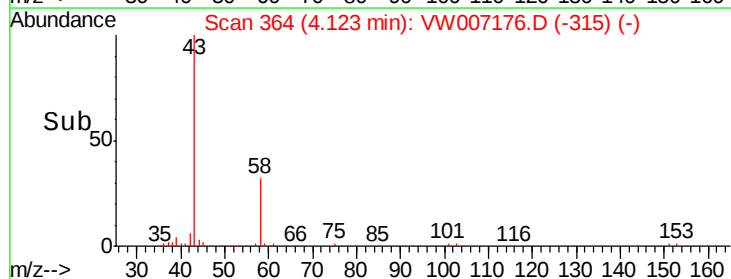
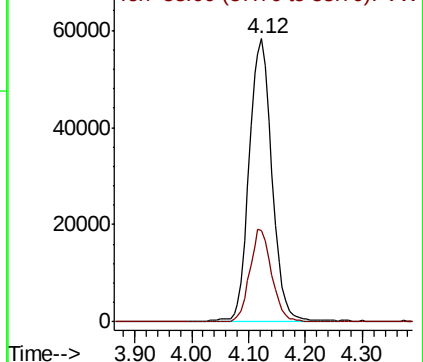
Ion Ratio Lower Upper

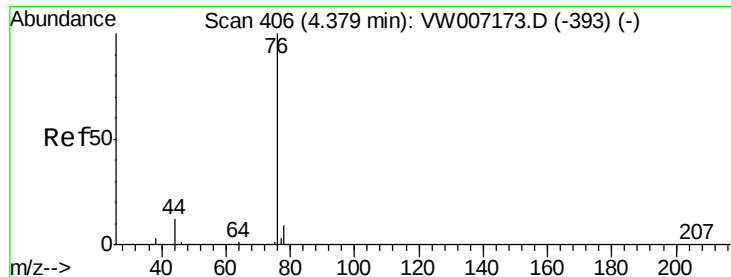
43 100

58 32.3 26.5 39.7



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

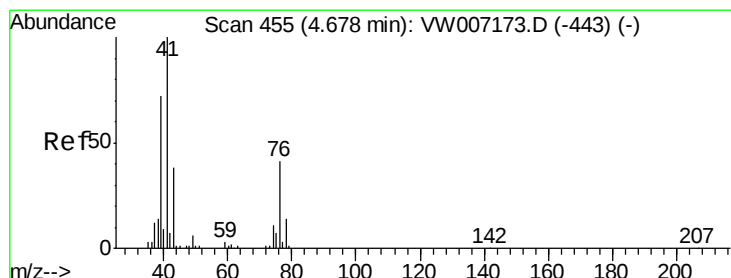
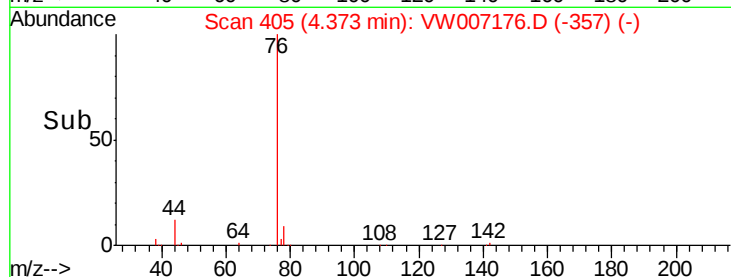
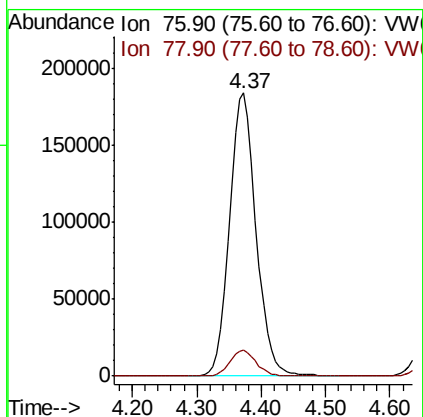
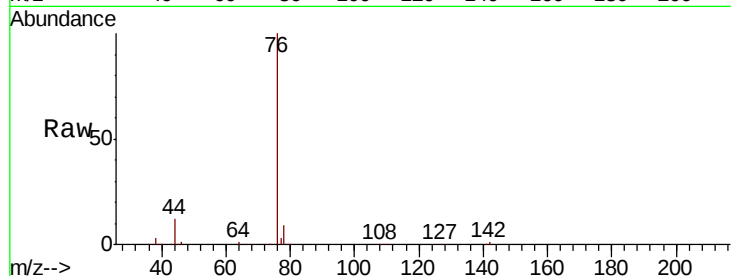




#17
Carbon Disulfide
Concen: 160.843 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

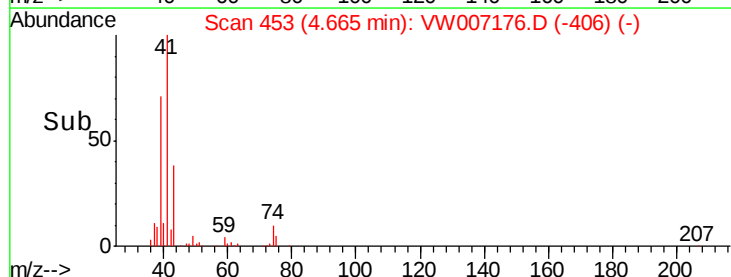
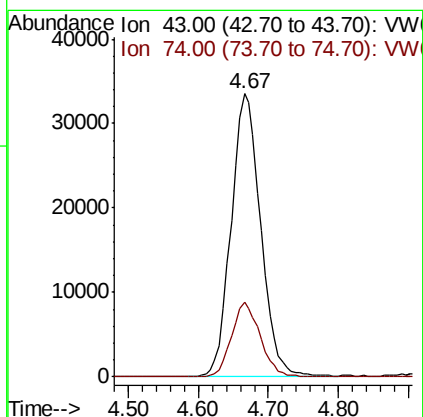
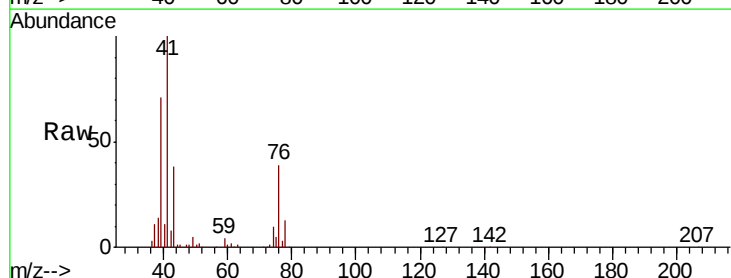
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

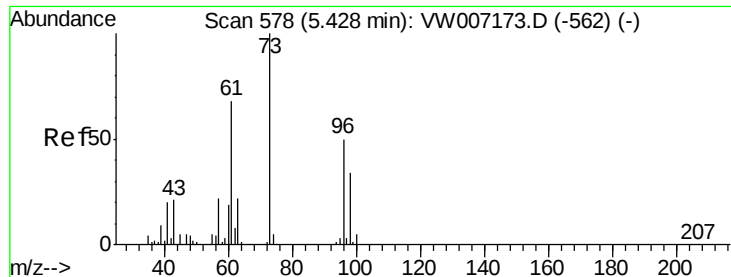
Tgt Ion: 76 Resp: 531047
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 172.275 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 43 Resp: 98417
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.4

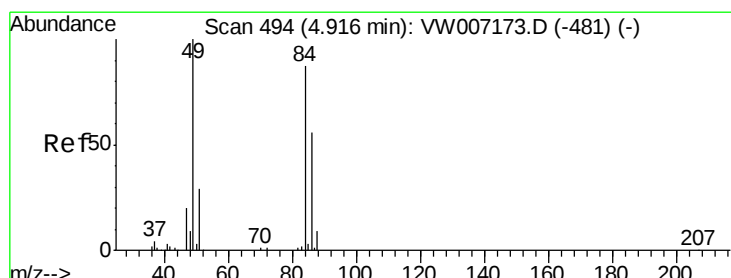
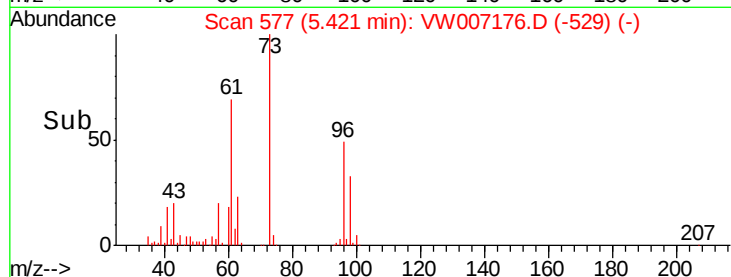
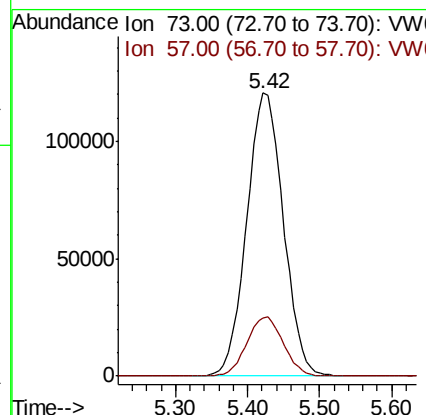
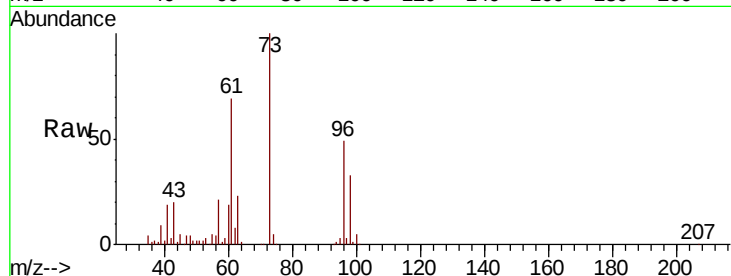




#19
Methyl tert-butyl Ether
Concen: 161.930 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

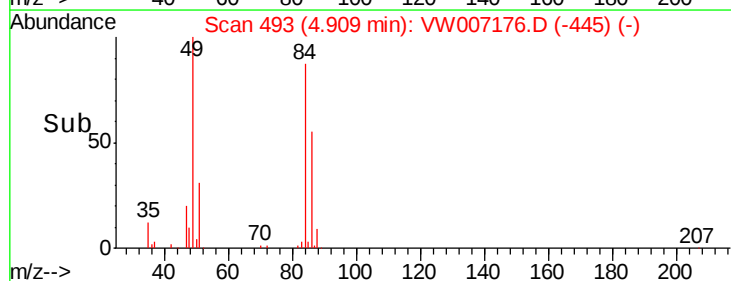
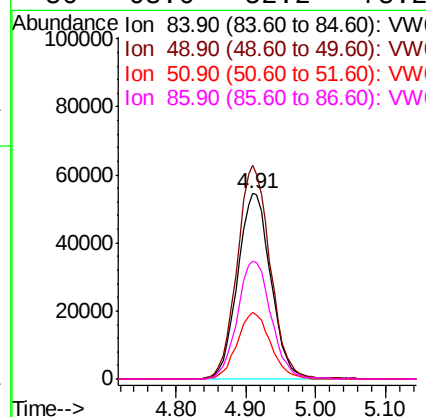
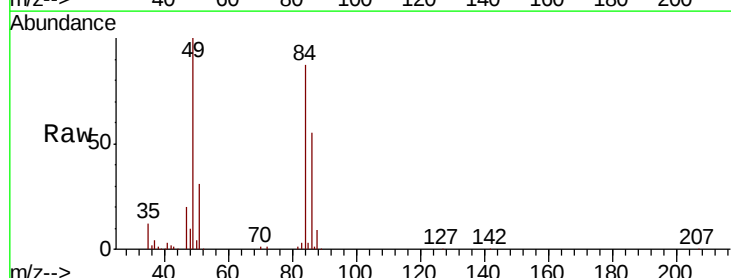
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

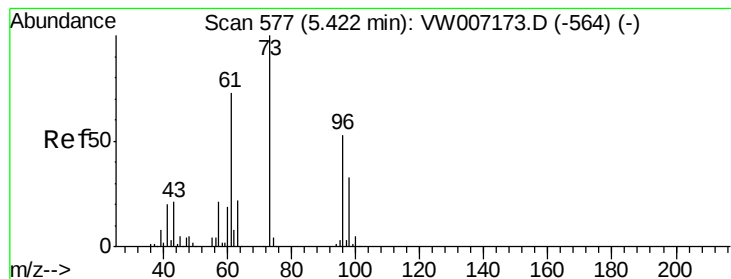
Tgt Ion: 73 Resp: 425468
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5



#20
Methylene Chloride
Concen: 114.574 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 84 Resp: 180017
Ion Ratio Lower Upper
84 100
49 115.3 92.5 138.7
51 36.1 27.1 40.7
86 63.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 157.063 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

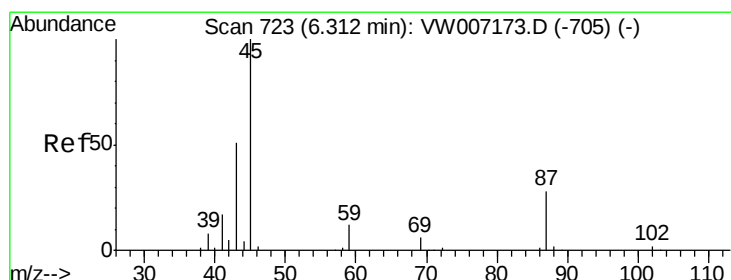
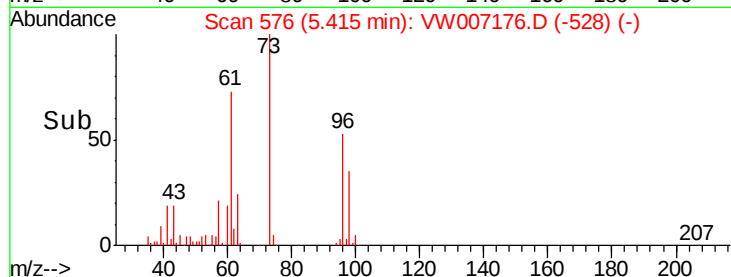
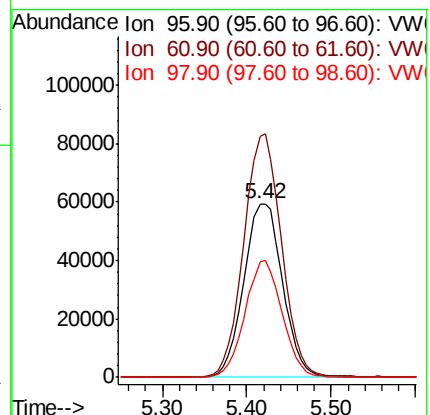
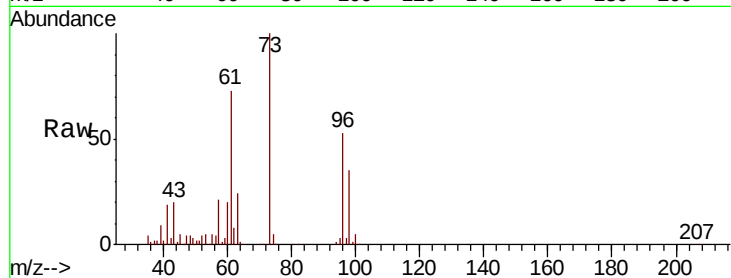
Tgt Ion: 96 Resp: 185493

Ion Ratio Lower Upper

96 100

61 139.0 109.8 164.8

98 66.4 50.0 75.0



#22

Diisopropyl ether

Concen: 149.543 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Tgt Ion: 45 Resp: 486794

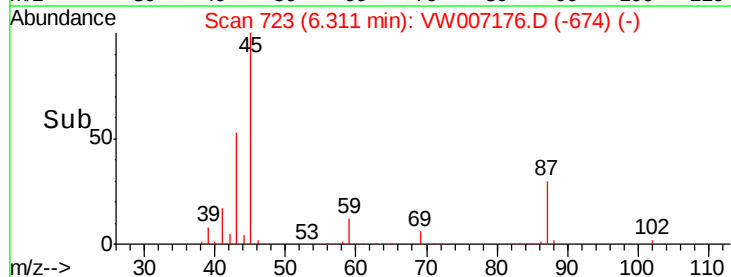
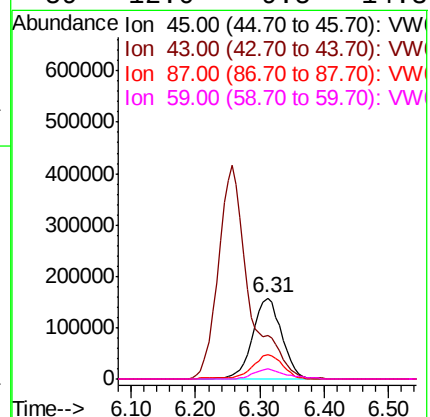
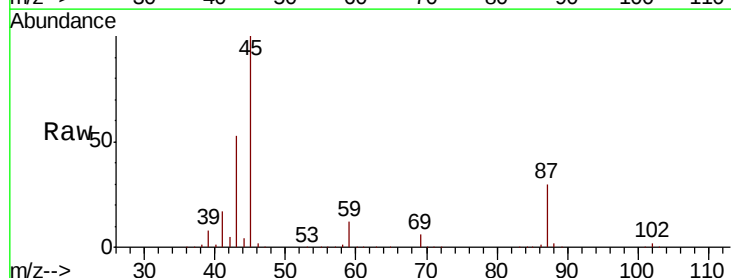
Ion Ratio Lower Upper

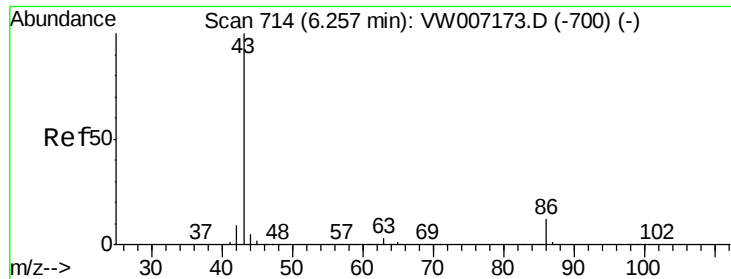
45 100

43 53.0 42.2 63.4

87 29.5 22.8 34.2

59 12.0 9.5 14.3

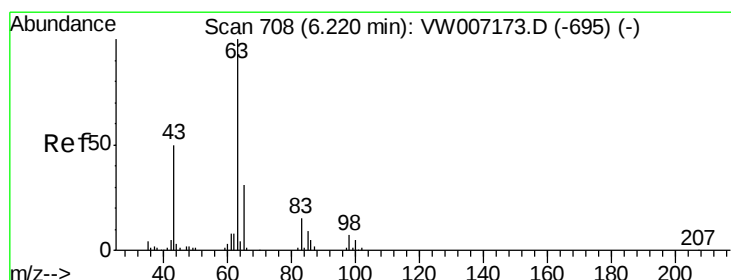
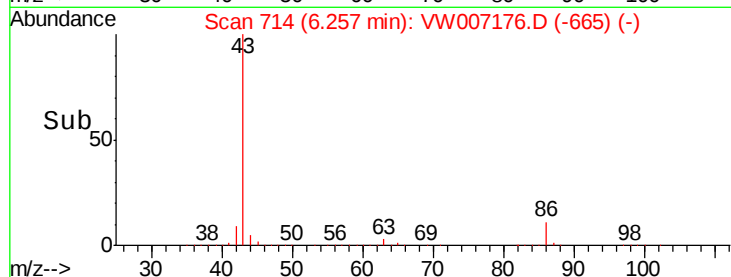
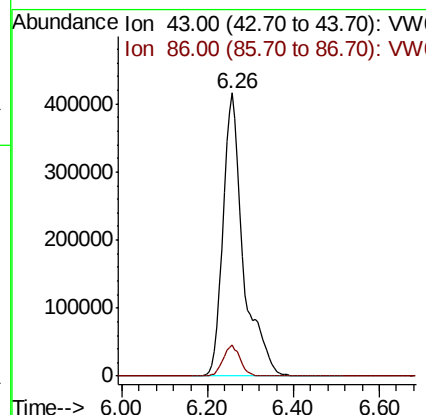
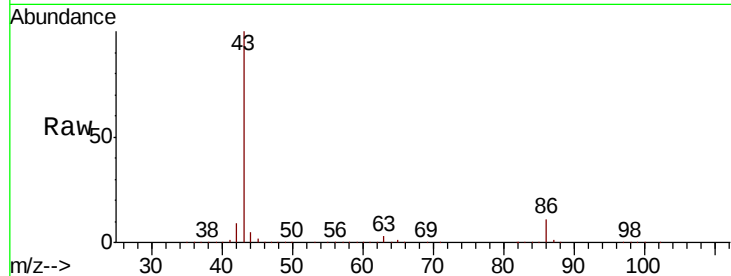




#23
 Vinyl Acetate
 Concen: 802.711 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

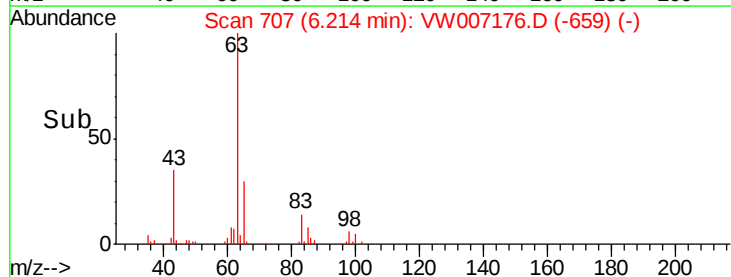
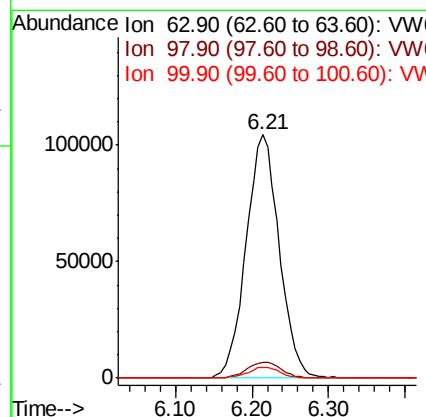
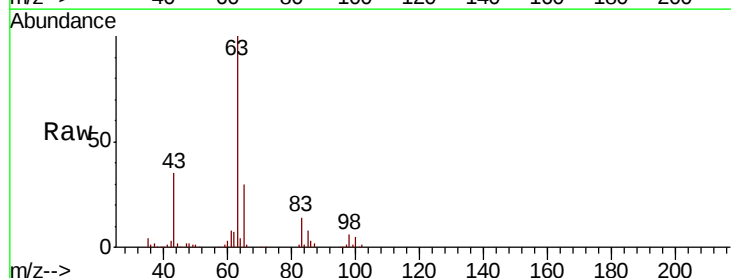
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

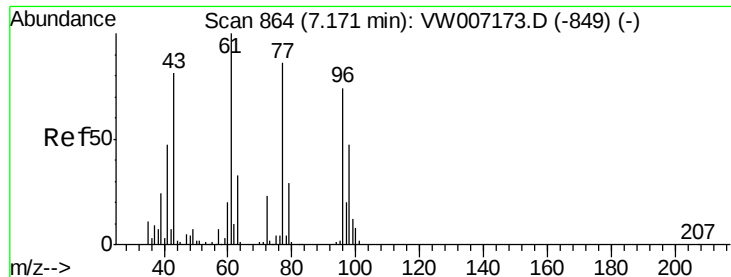
Tgt Ion: 43 Resp: 1385097
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 158.653 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 63 Resp: 315079
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 858.285 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

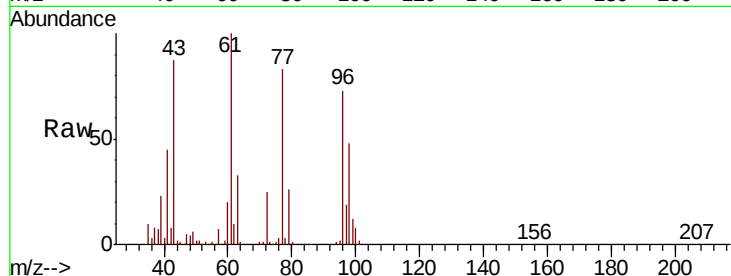
VSTDIC150

Tgt Ion: 43 Resp: 234030

Ion Ratio Lower Upper

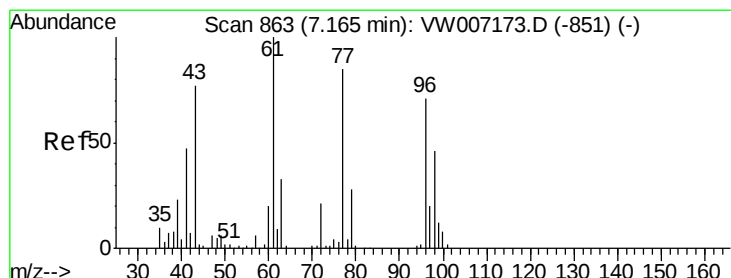
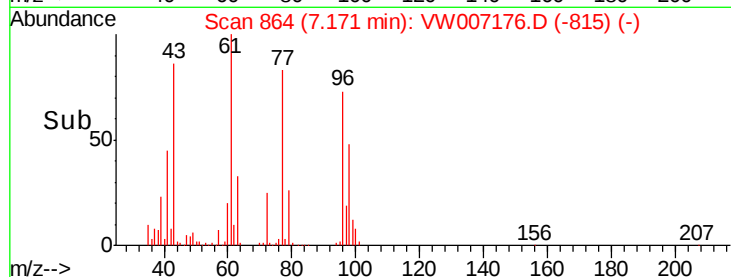
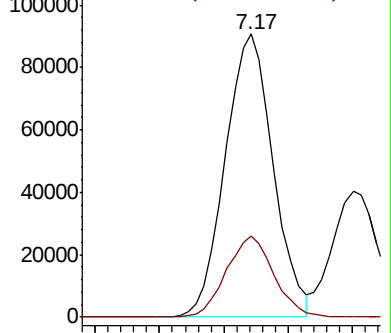
43 100

72 28.5 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 146.950 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007176.D

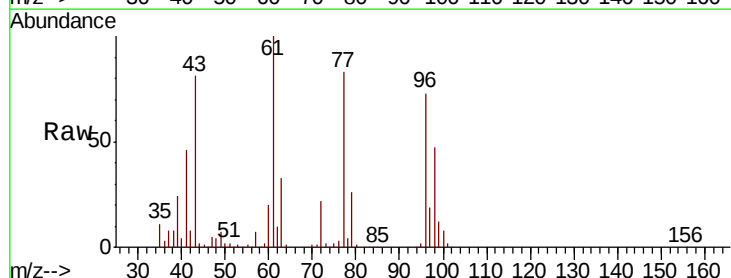
Acq: 04 Dec 2018 02:35

Tgt Ion: 77 Resp: 261293

Ion Ratio Lower Upper

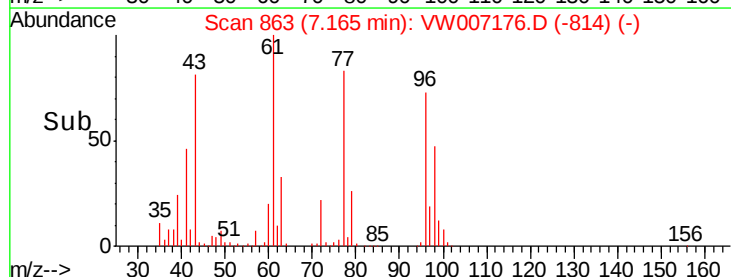
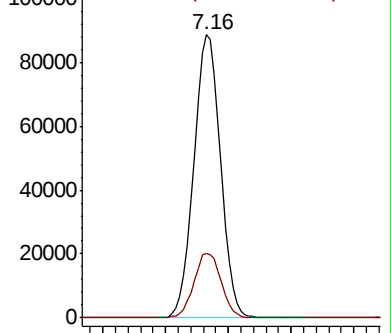
77 100

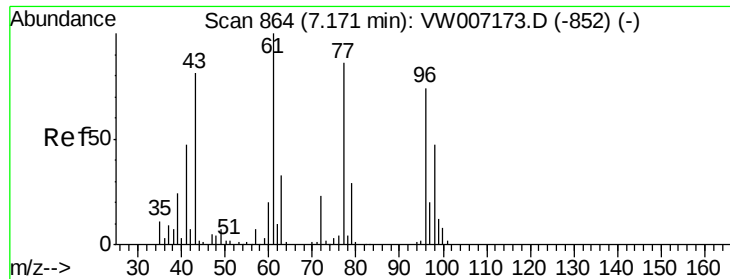
97 23.3 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

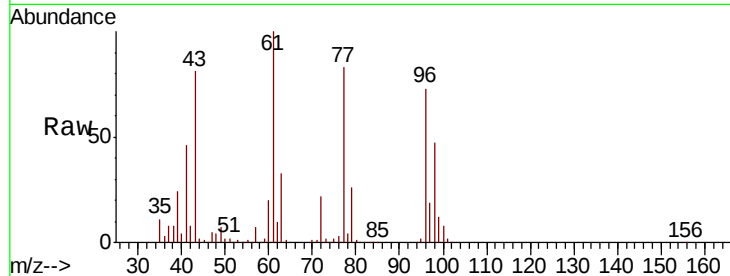




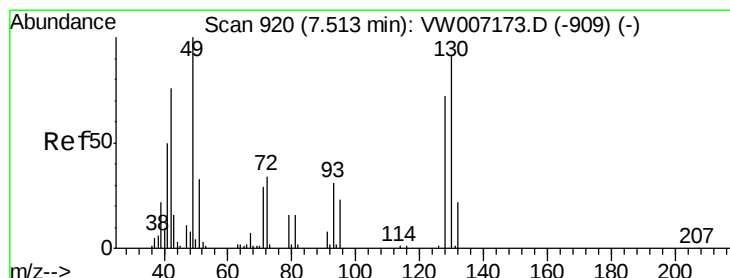
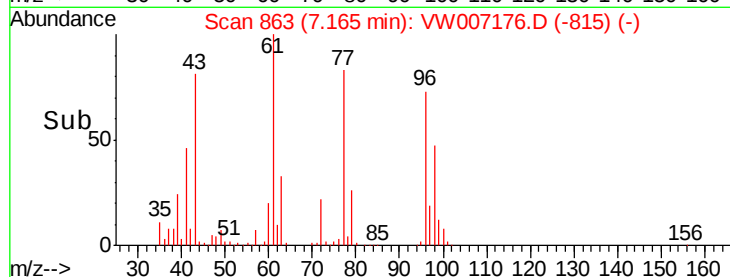
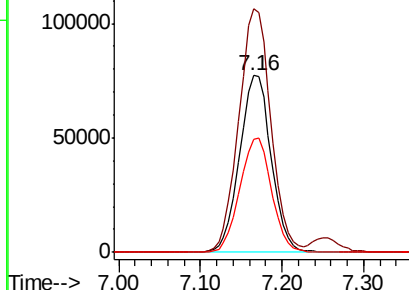
#27
 cis-1,2-Dichloroethene
 Concen: 165.236 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 208433
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 282.2
 98 64.9 0.0 129.8

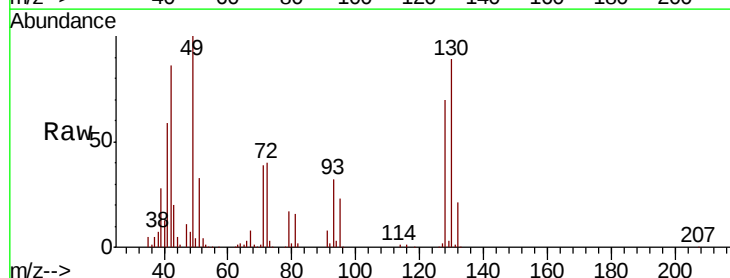


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

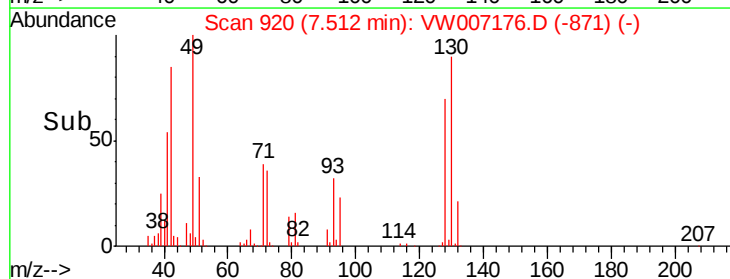
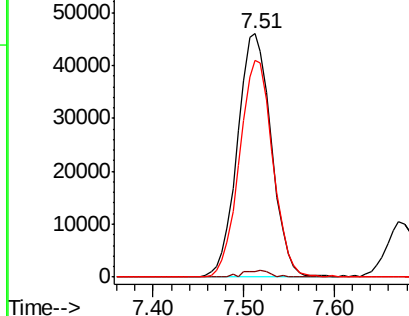


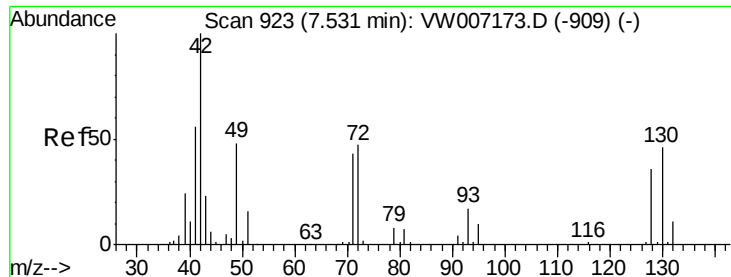
#28
 Bromochloromethane
 Concen: 161.006 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 49 Resp: 119128
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.8#
 130 87.8 70.5 105.7



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

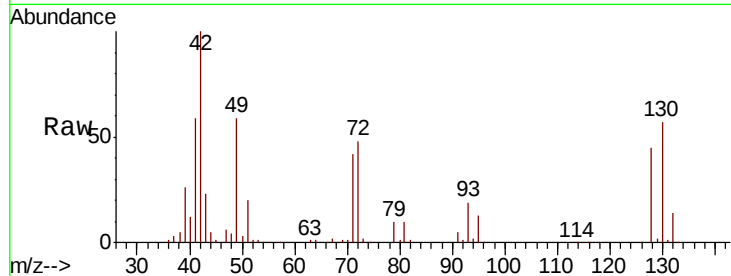




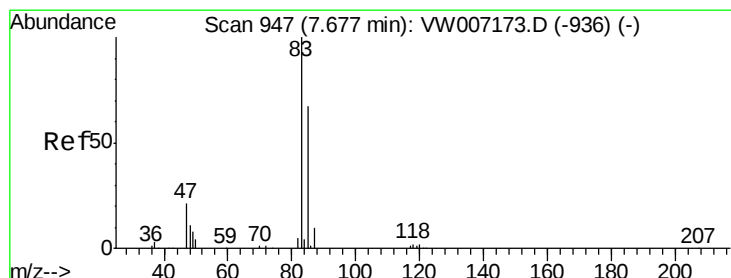
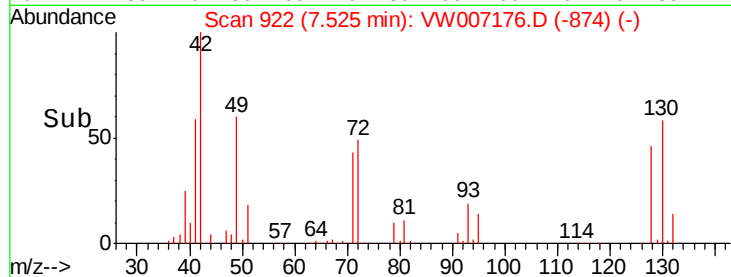
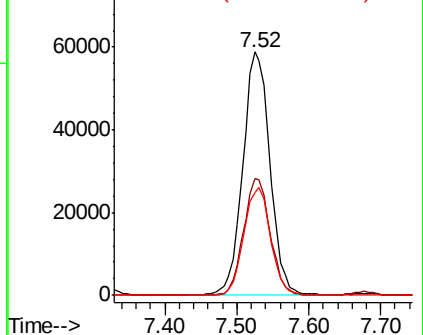
#29
Tetrahydrofuran
Concen: 875.094 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 154270
Ion Ratio Lower Upper
42 100
72 46.8 37.3 55.9
71 43.5 35.0 52.6

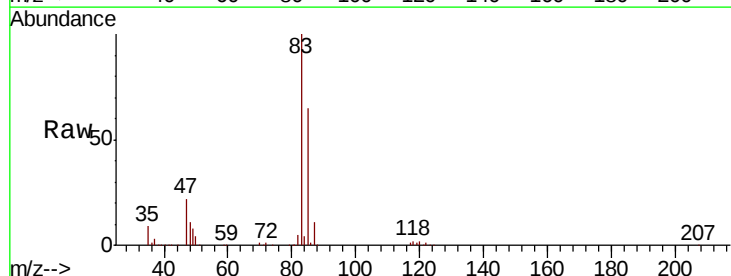


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

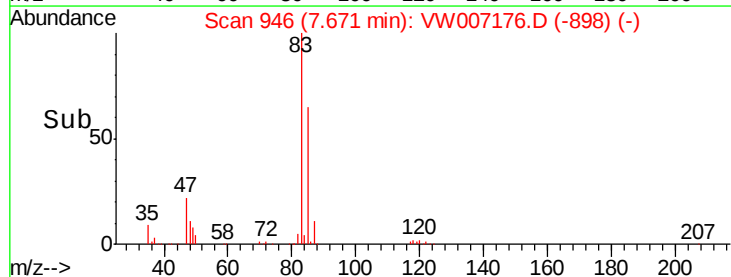
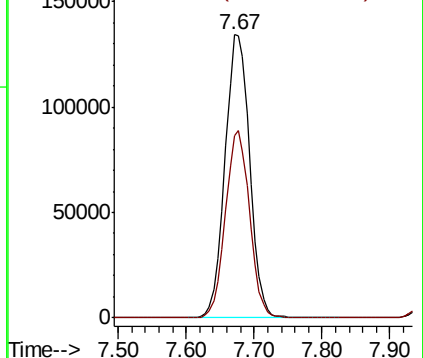


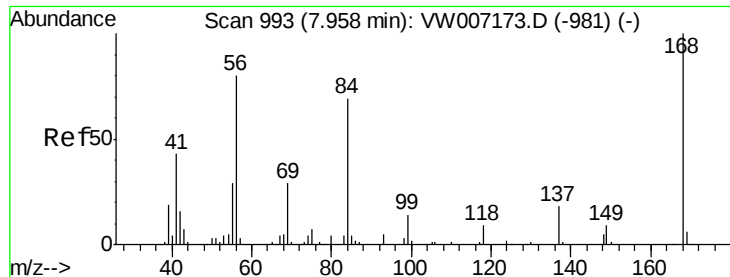
#30
Chloroform
Concen: 159.438 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 83 Resp: 336725
Ion Ratio Lower Upper
83 100
85 64.6 53.8 80.6



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

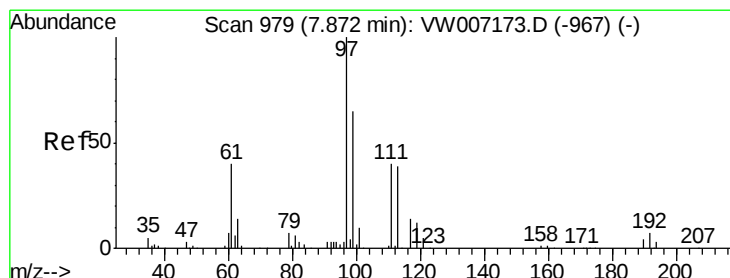
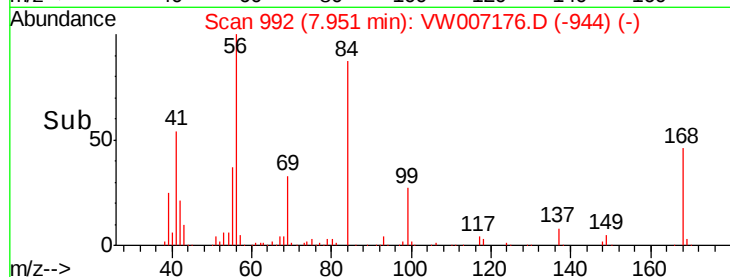
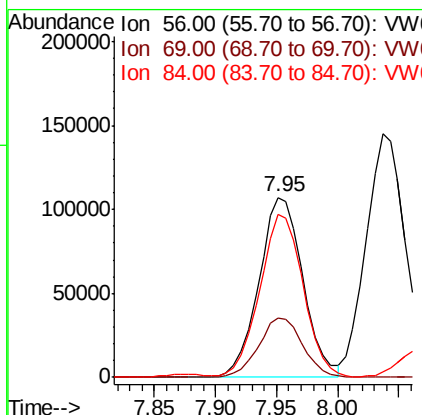
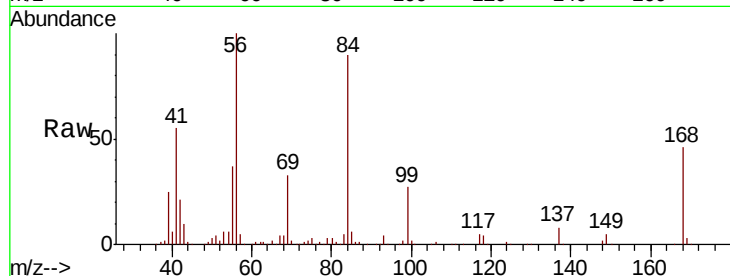




#31
Cyclohexane
Concen: 128.899 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

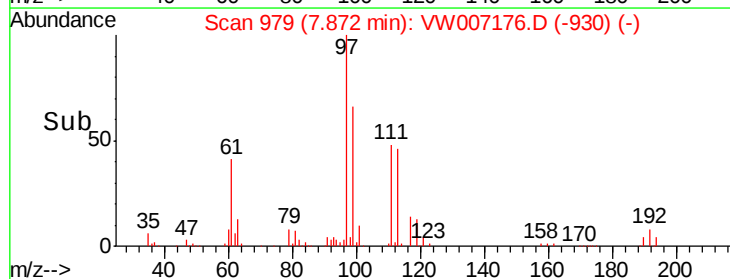
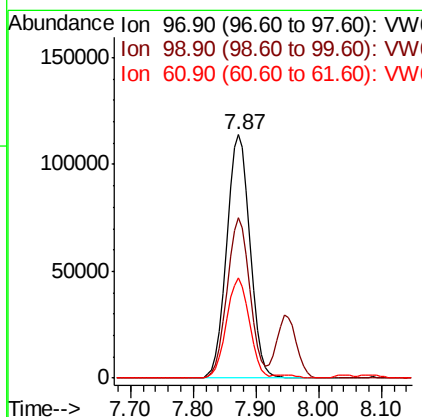
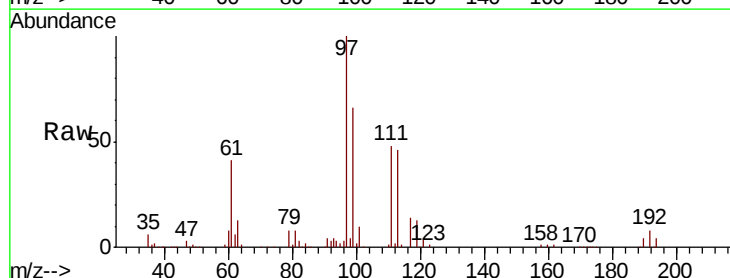
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

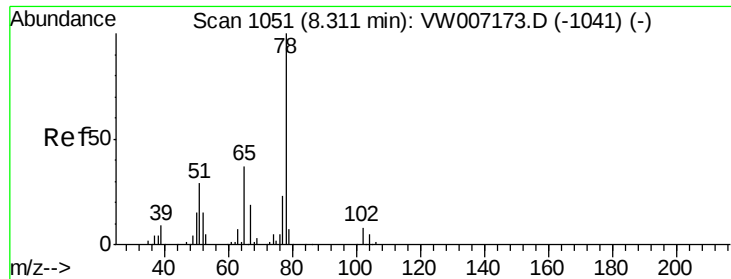
Tgt Ion: 56 Resp: 267718
Ion Ratio Lower Upper
56 100
69 33.2 29.2 43.8
84 88.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 153.898 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 97 Resp: 292334
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 40.7 32.7 49.1

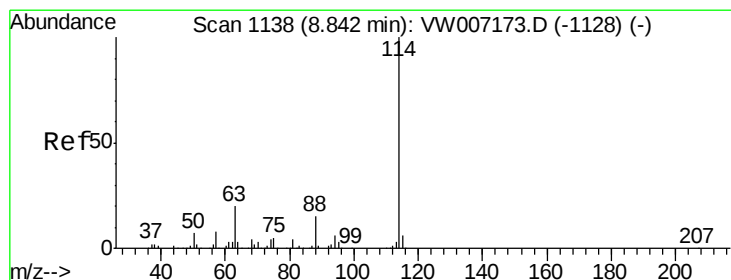
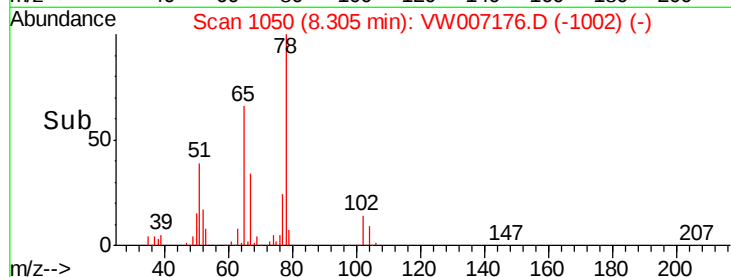
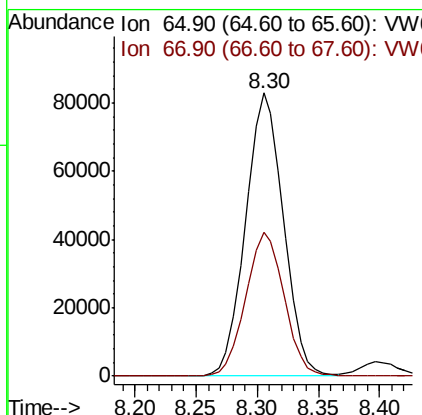
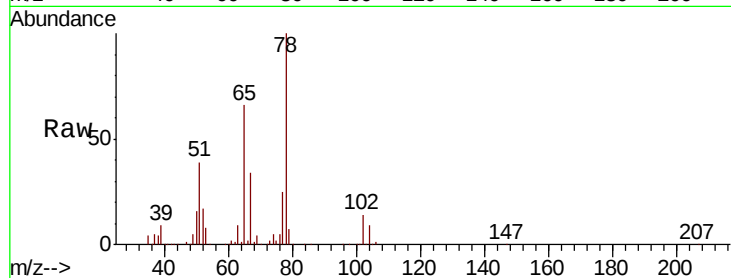




#33
 1,2-Dichloroethane-d4
 Concen: 163.730 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

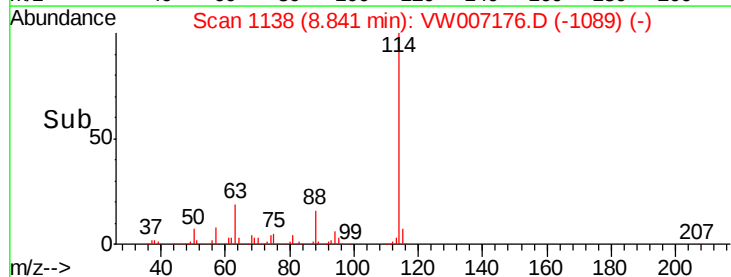
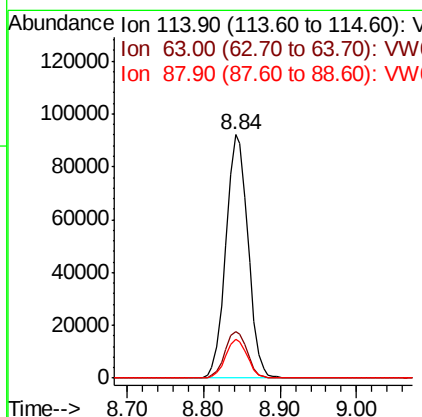
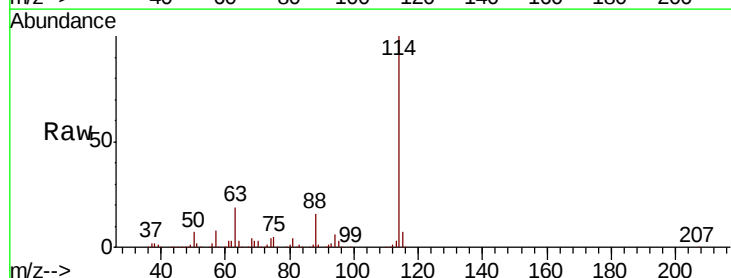
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

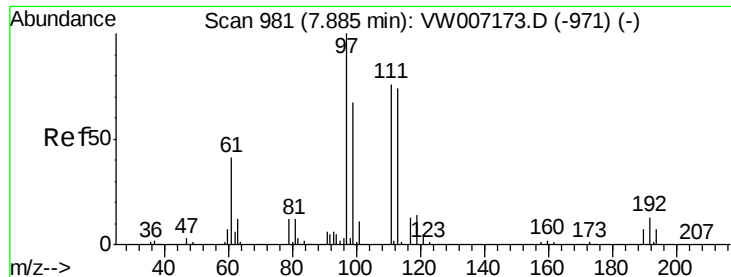
Tgt Ion: 65 Resp: 178775
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 114 Resp: 183846
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.8 0.0 30.8

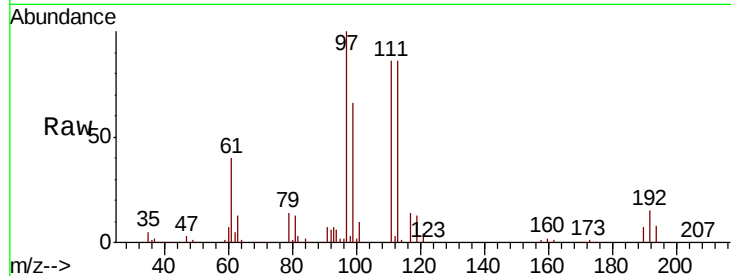




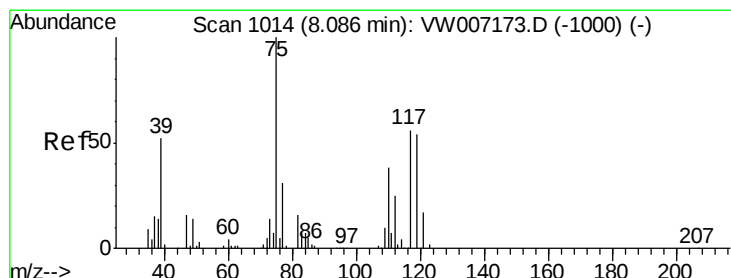
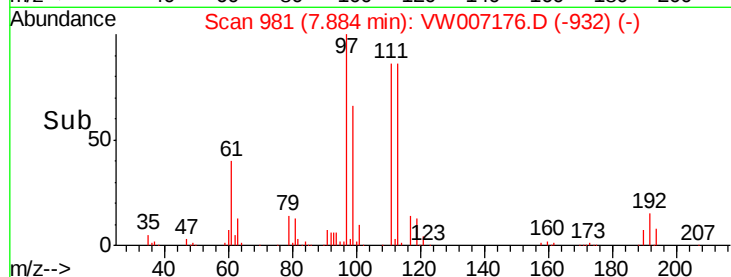
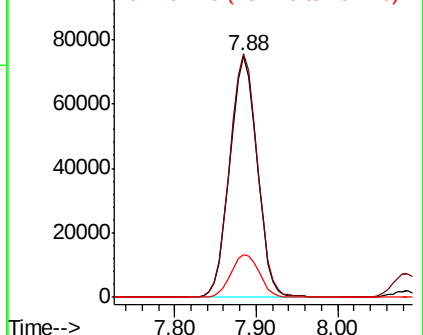
#35
 Dibromofluoromethane
 Concen: 167.613 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 113 Resp: 173243
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 18.2 14.7 22.1

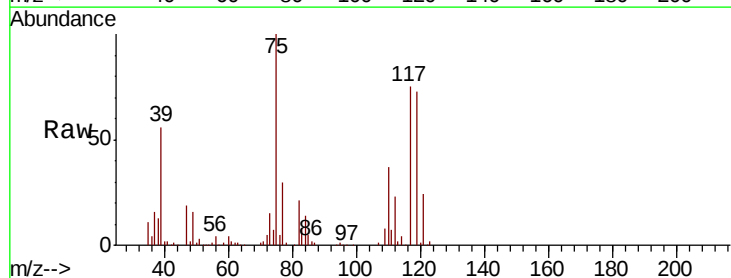


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

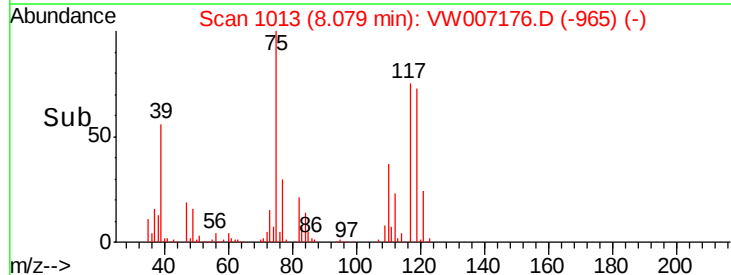
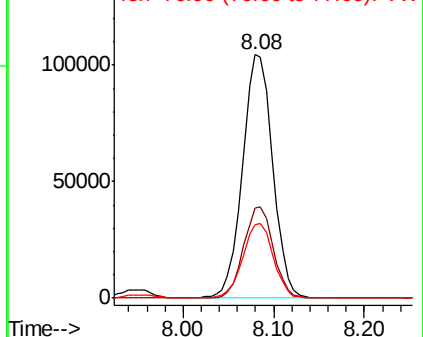


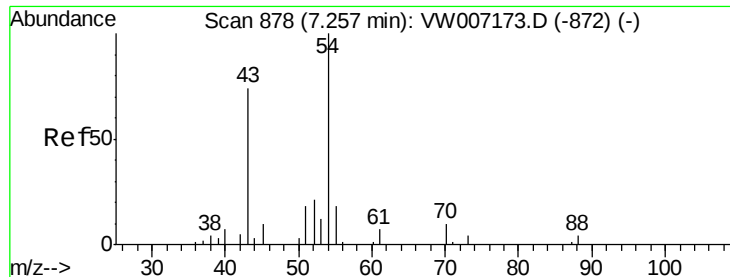
#36
 1,1-Dichloropropene
 Concen: 136.574 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 75 Resp: 241837
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.4 55.2
 77 31.2 24.9 37.3



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

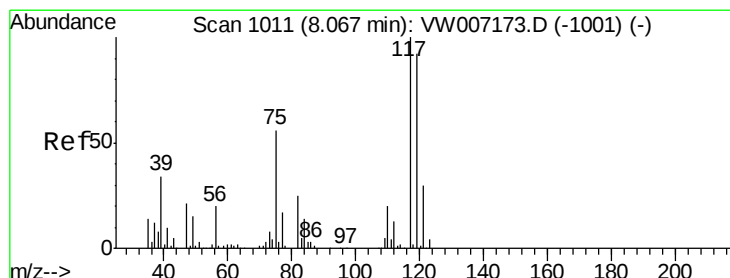
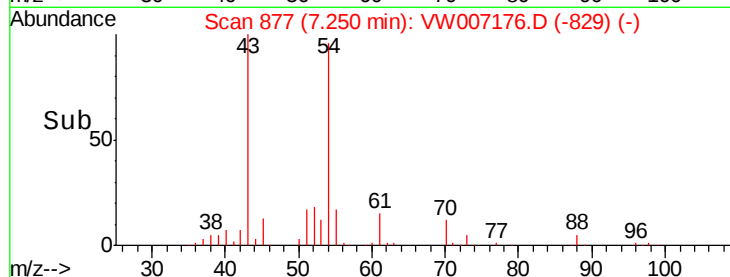
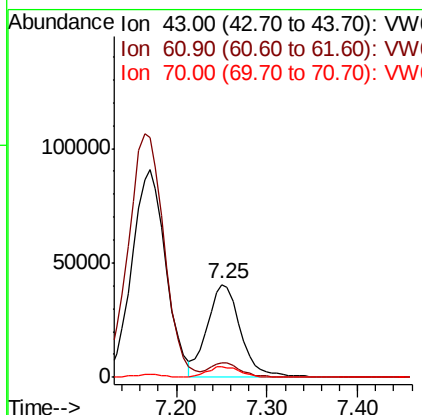
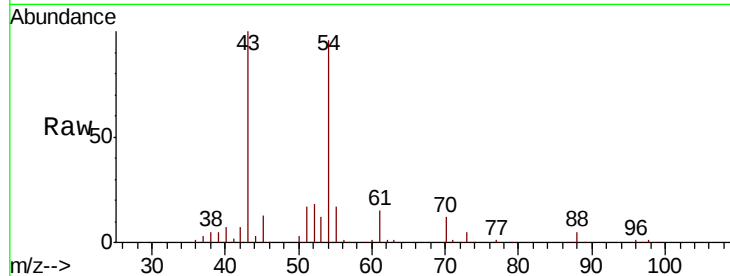




#37
Ethyl Acetate
Concen: 159.750 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

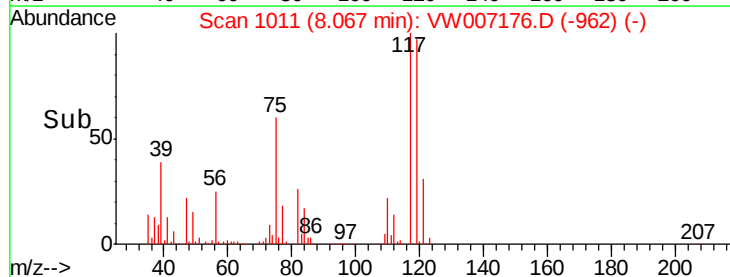
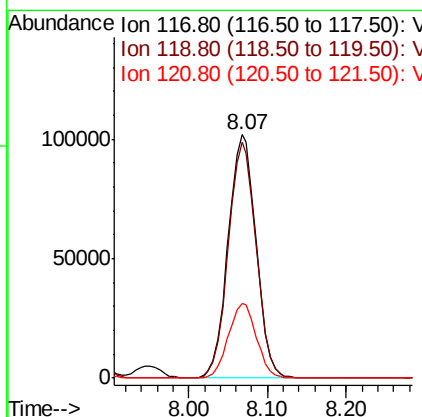
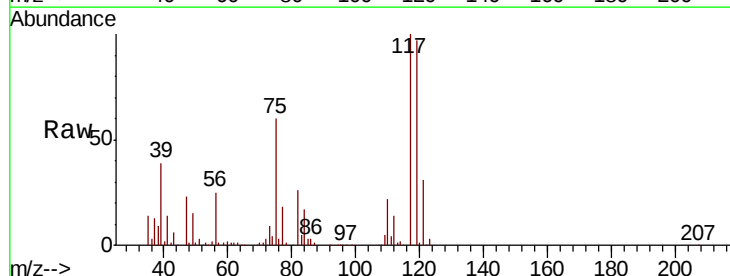
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

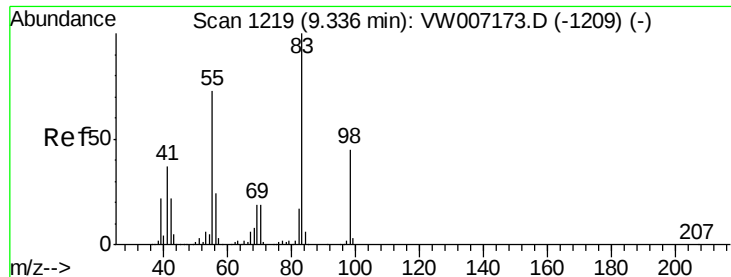
Tgt Ion: 43 Resp: 103642
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.4
70 11.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 146.776 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 117 Resp: 250183
Ion Ratio Lower Upper
117 100
119 97.1 73.8 110.6
121 30.9 24.1 36.1

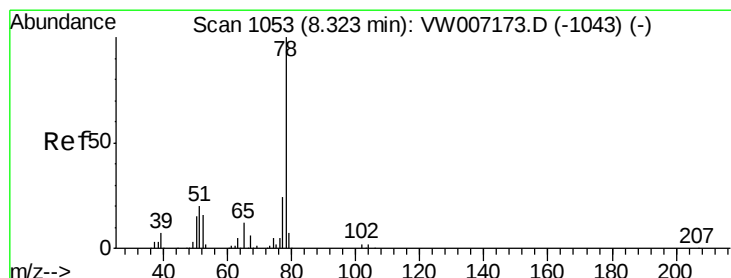
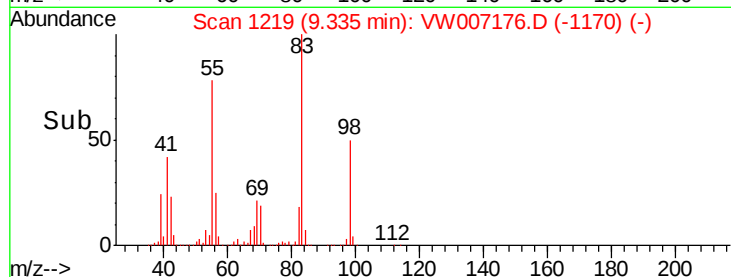
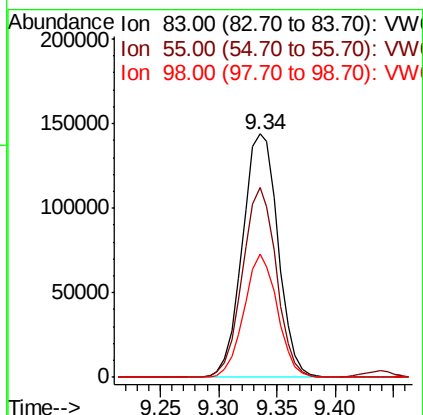
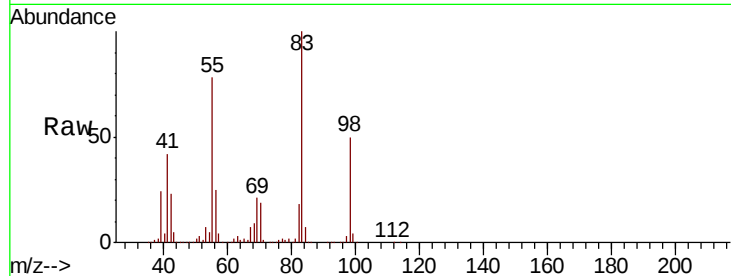




#39
Methylcyclohexane
Concen: 138.792 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

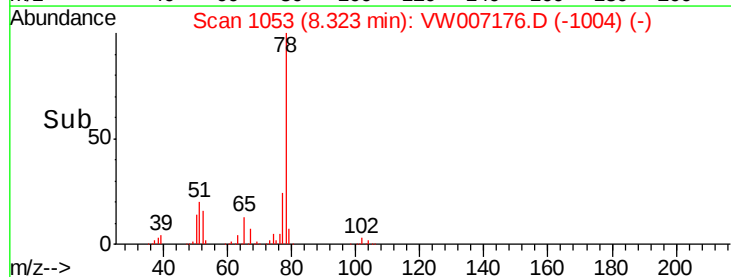
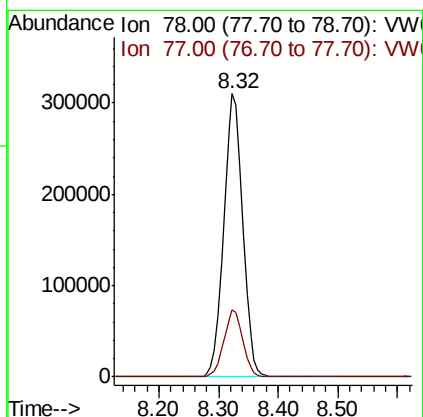
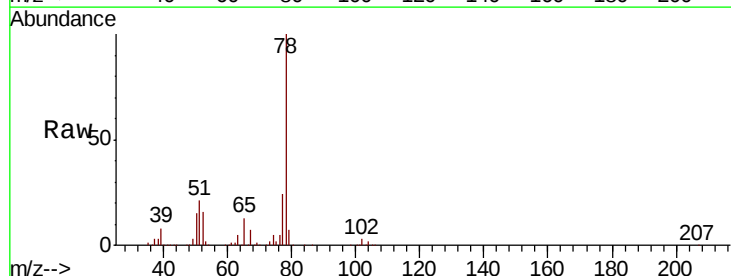
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

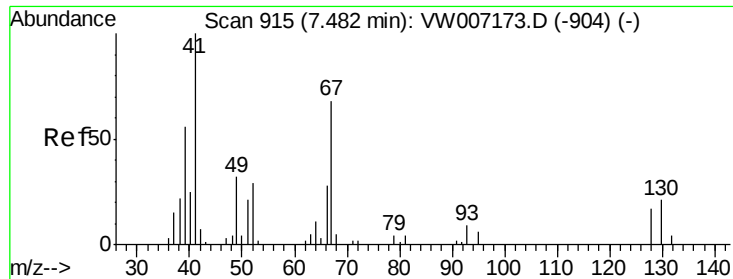
Tgt Ion: 83 Resp: 307860
Ion Ratio Lower Upper
83 100
55 77.9 58.7 88.1
98 50.4 36.3 54.5



#40
Benzene
Concen: 143.082 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 78 Resp: 688421
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41

Methacrylonitrile

Concen: 156.622 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 63709

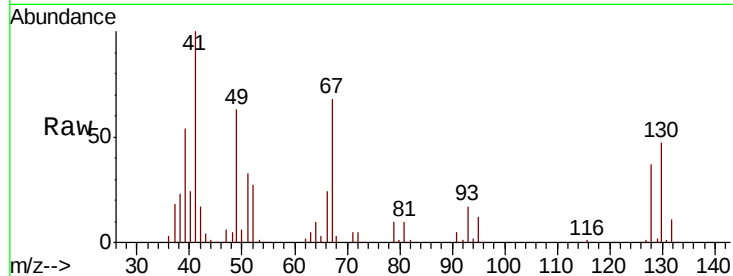
Ion Ratio Lower Upper

41 100

39 60.8 43.4 65.2

67 75.7 54.3 81.5

52 30.9 21.4 32.2



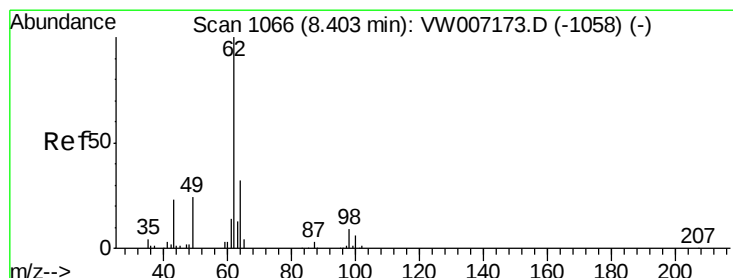
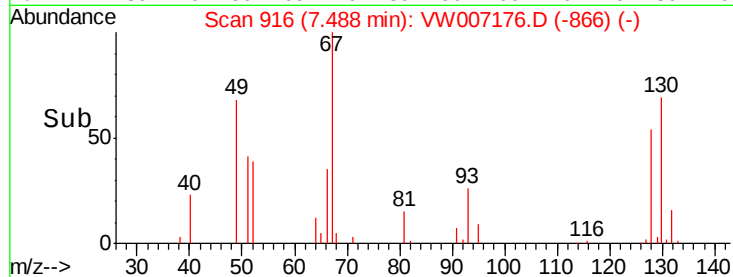
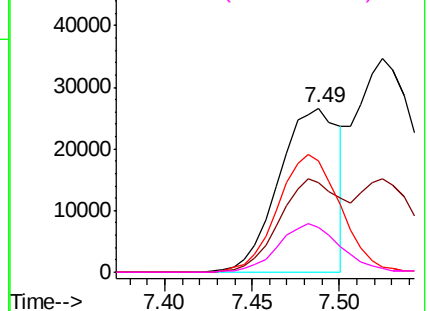
Abundance

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: 155.398 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007176.D

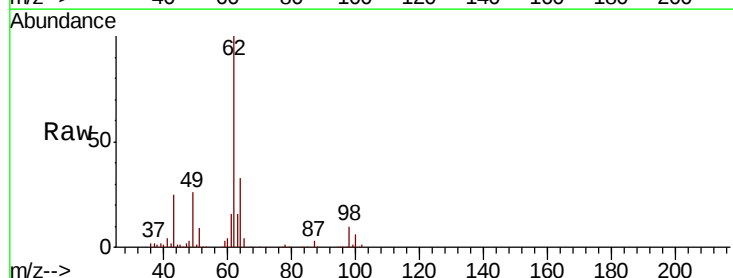
Acq: 04 Dec 2018 02:35

Tgt Ion: 62 Resp: 216885

Ion Ratio Lower Upper

62 100

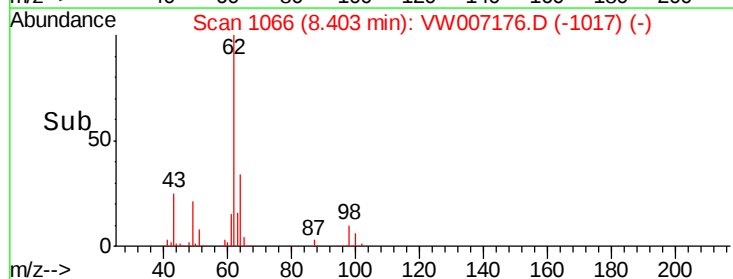
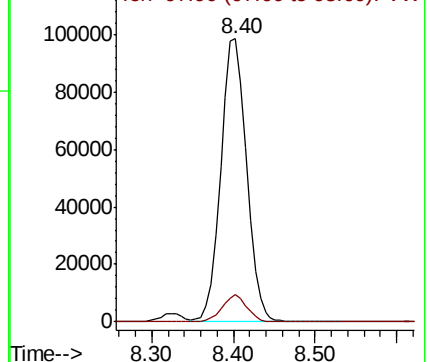
98 9.1 0.0 18.8

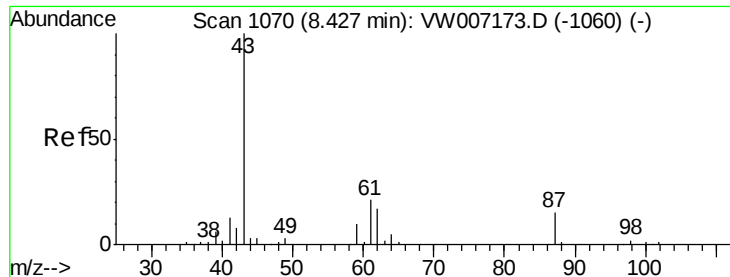


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 165.264 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

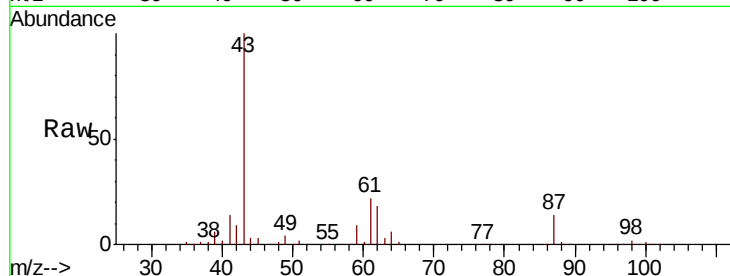
Tgt Ion: 43 Resp: 205446

Ion Ratio Lower Upper

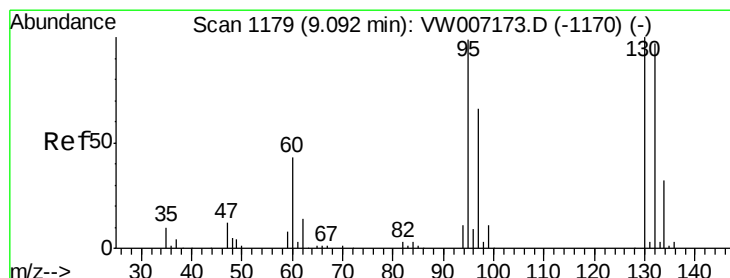
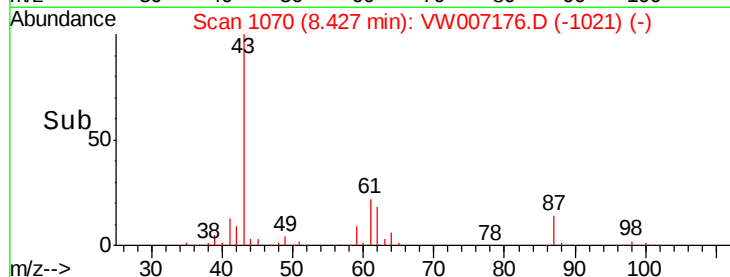
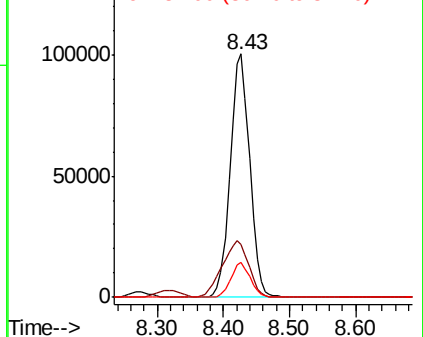
43 100

61 31.3 24.7 37.1

87 14.0 11.3 16.9



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: 144.801 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007176.D

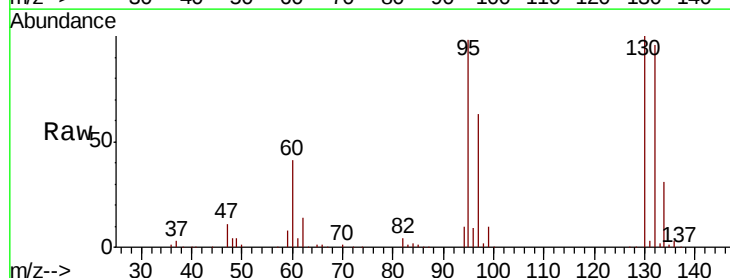
Acq: 04 Dec 2018 02:35

Tgt Ion: 130 Resp: 195415

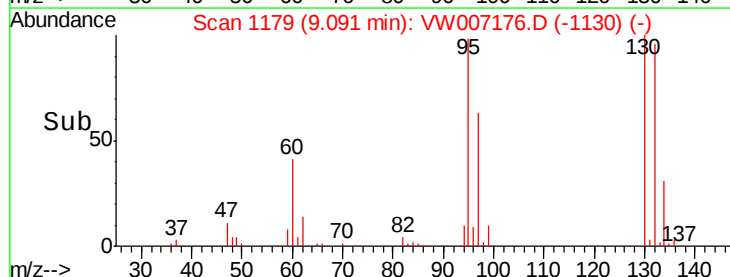
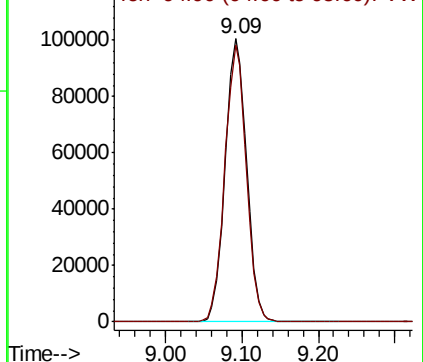
Ion Ratio Lower Upper

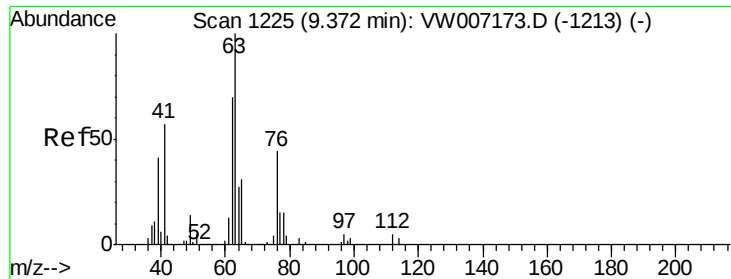
130 100

95 97.9 0.0 198.8



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

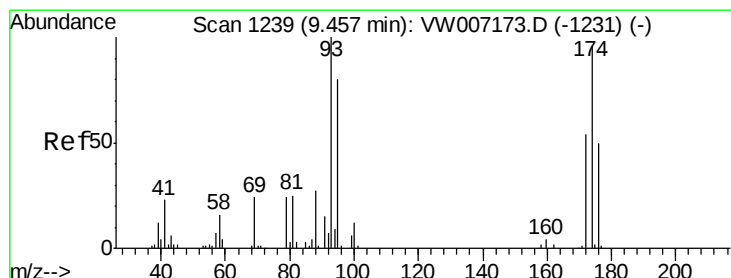
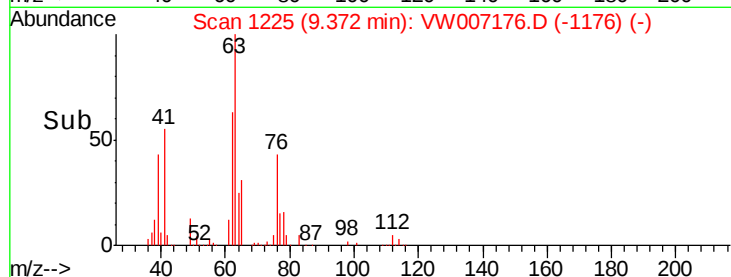
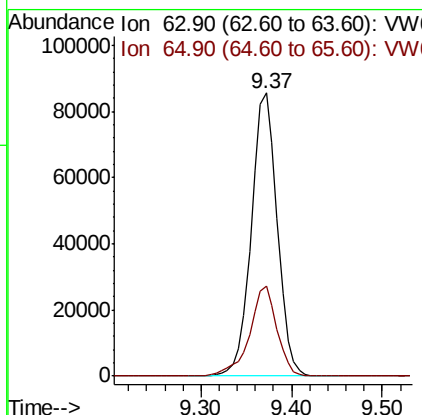
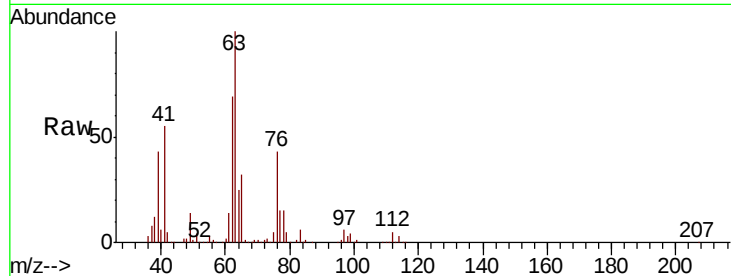




#45
 1,2-Dichloropropane
 Concen: 143.436 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

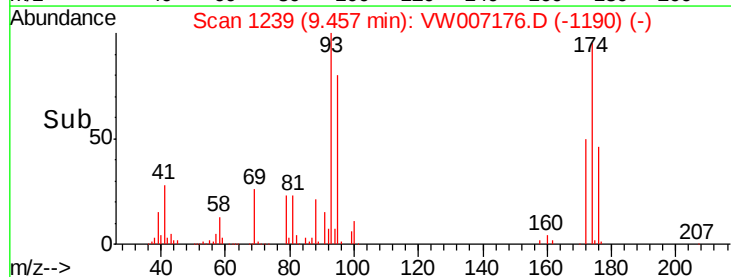
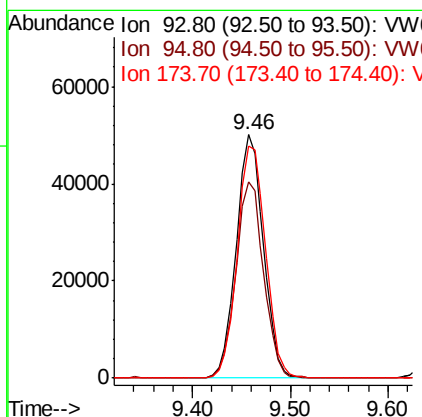
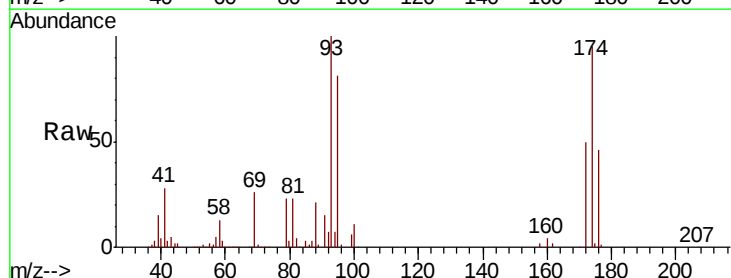
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

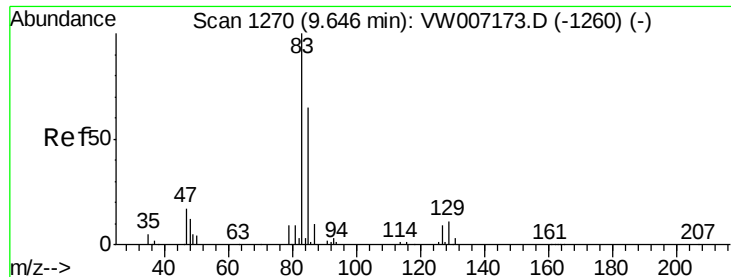
Tgt Ion: 63 Resp: 169182
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.1 37.7



#46
 Dibromomethane
 Concen: 161.127 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 93 Resp: 96401
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 99.4 79.3 118.9

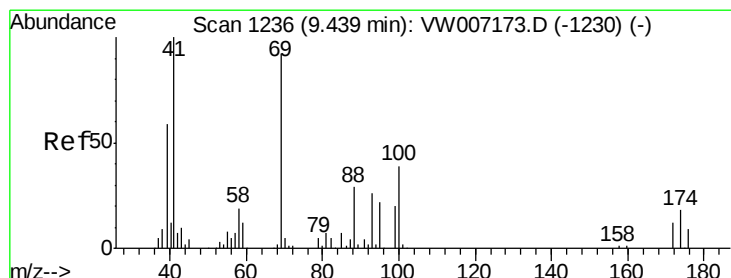
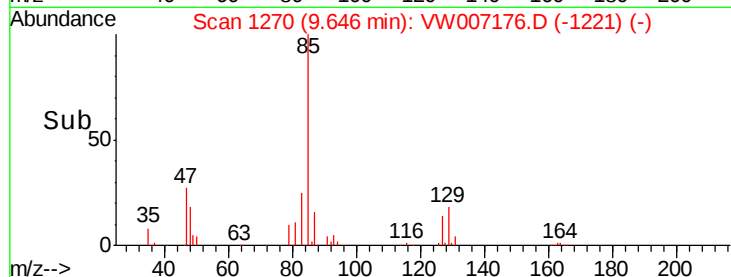
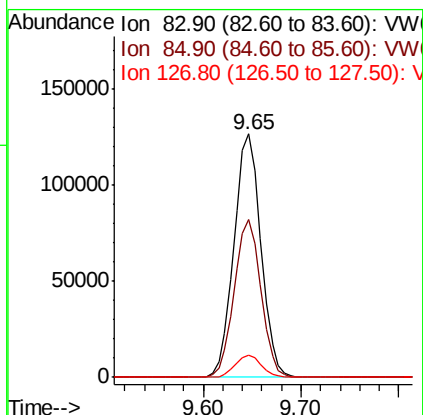
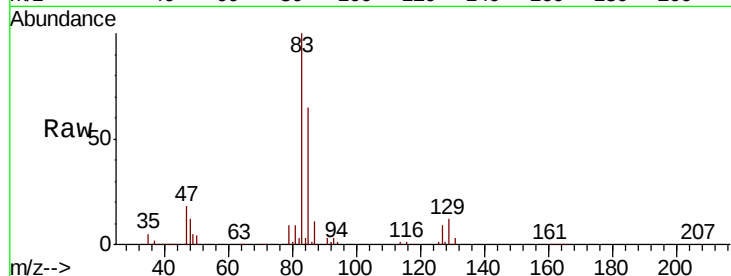




#47
Bromodichloromethane
Concen: 154.527 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

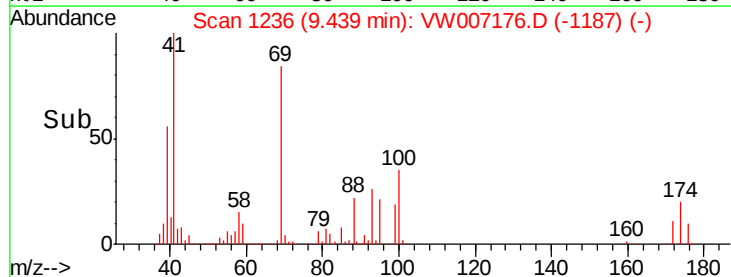
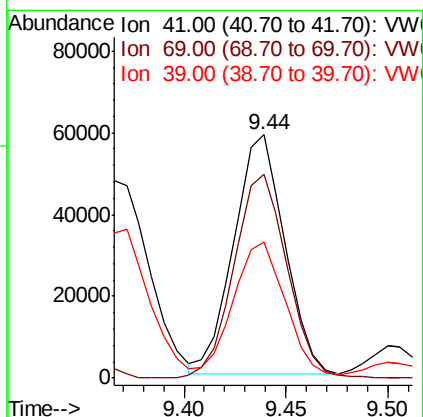
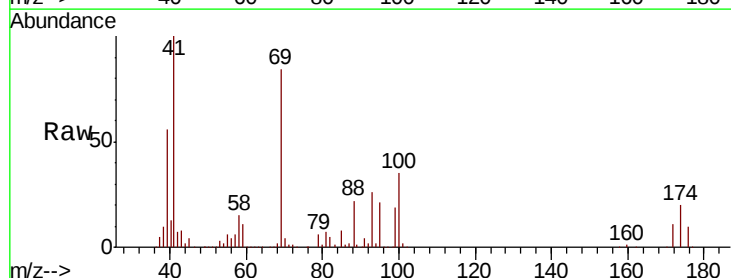
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

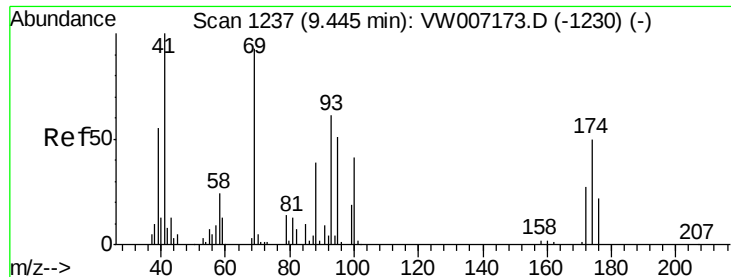
Tgt Ion: 83 Resp: 242315
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 168.877 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 41 Resp: 100863
Ion Ratio Lower Upper
41 100
69 89.1 74.9 112.3
39 55.9 47.5 71.3

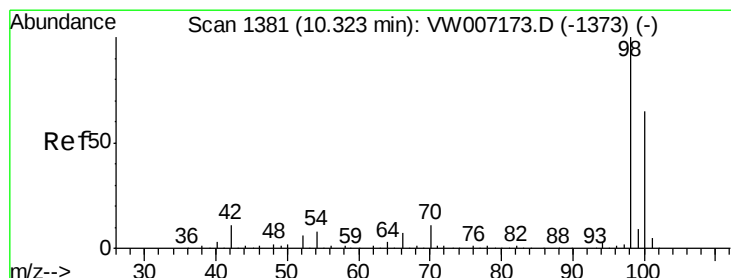
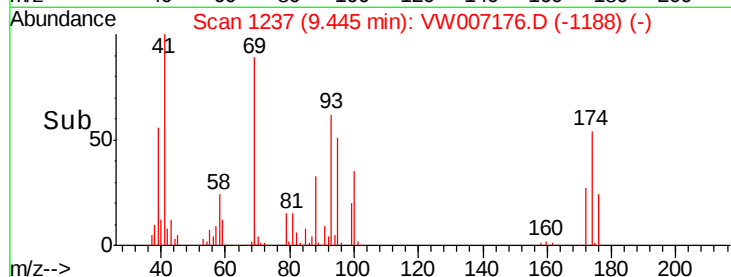
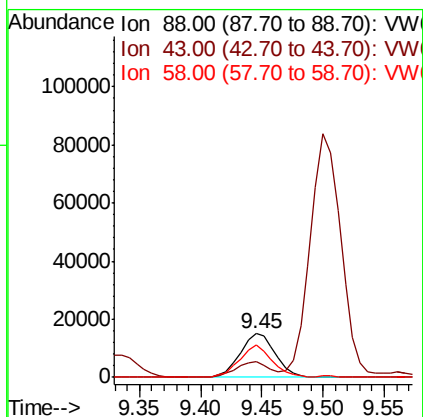
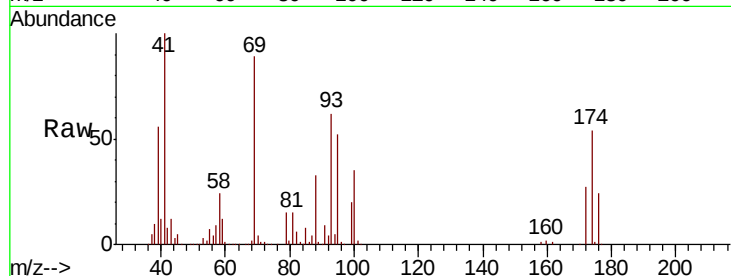




#49
1,4-Dioxane
Concen: 3296.823 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

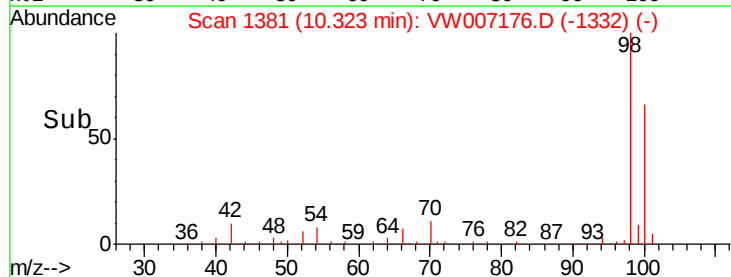
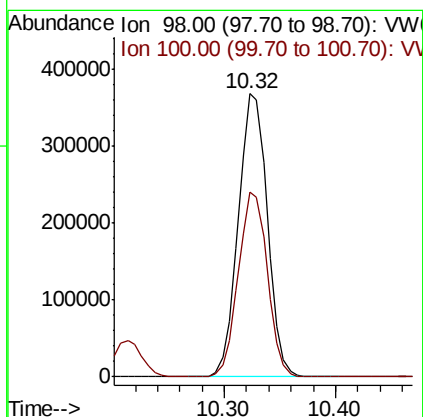
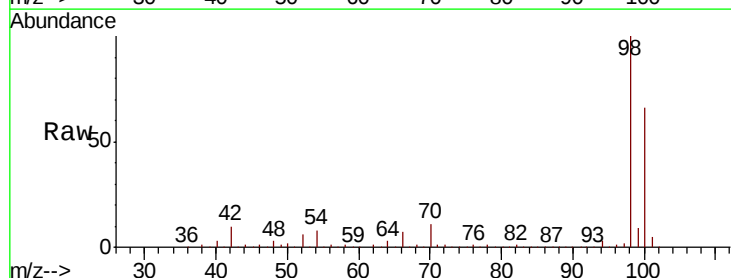
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

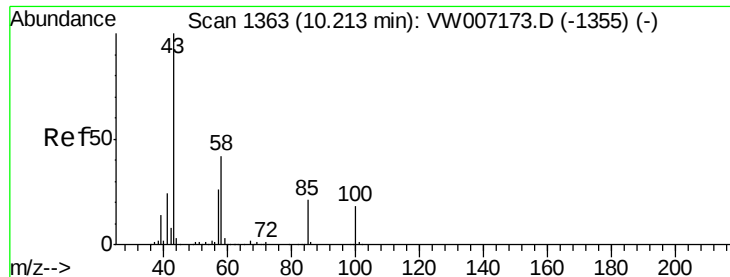
Tgt Ion: 88 Resp: 30022
Ion Ratio Lower Upper
88 100
43 31.5 27.7 41.5
58 68.6 52.1 78.1



#50
Toluene-d8
Concen: 147.342 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 98 Resp: 668033
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 773.954 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

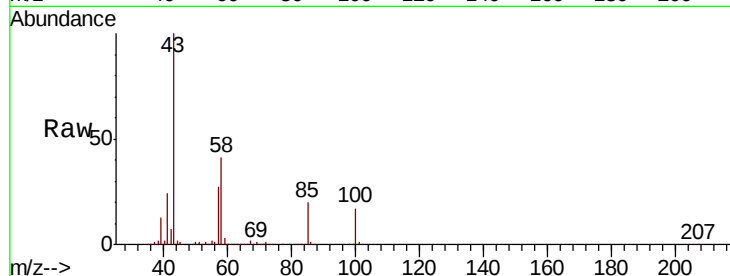
VSTDIC150

Tgt Ion: 43 Resp: 483462

Ion Ratio Lower Upper

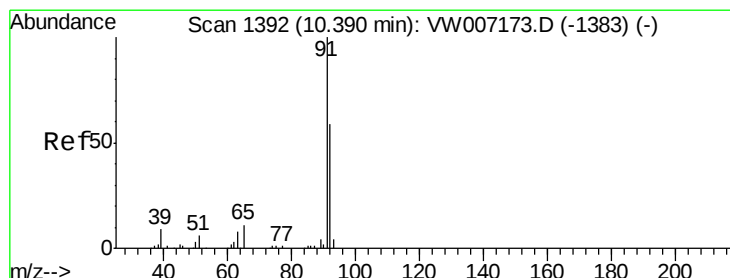
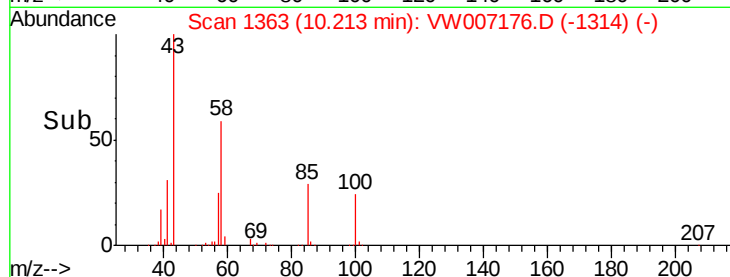
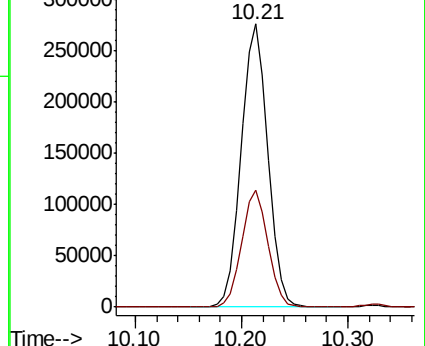
43 100

58 40.7 32.6 49.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 143.689 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007176.D

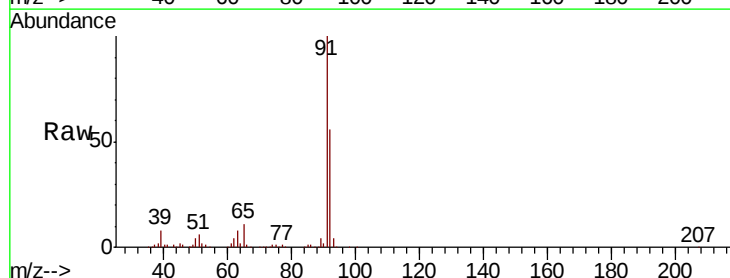
Acq: 04 Dec 2018 02:35

Tgt Ion: 92 Resp: 470471

Ion Ratio Lower Upper

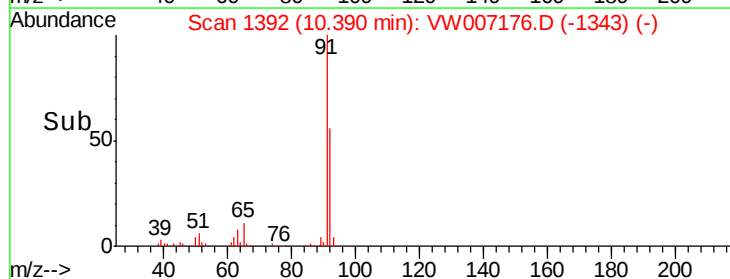
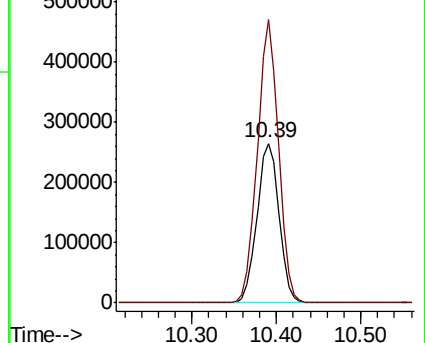
92 100

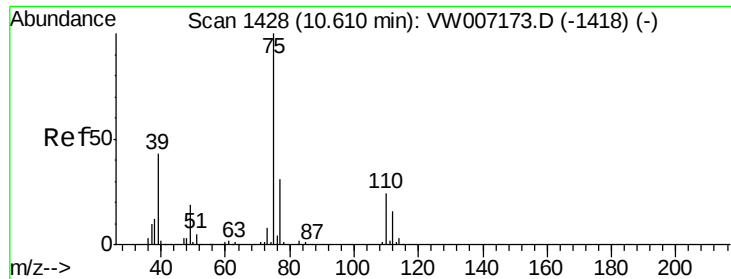
91 170.7 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 158.284 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

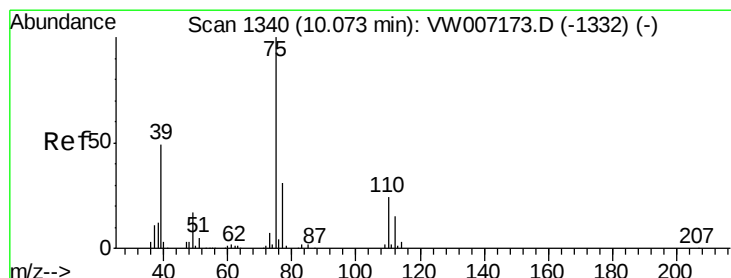
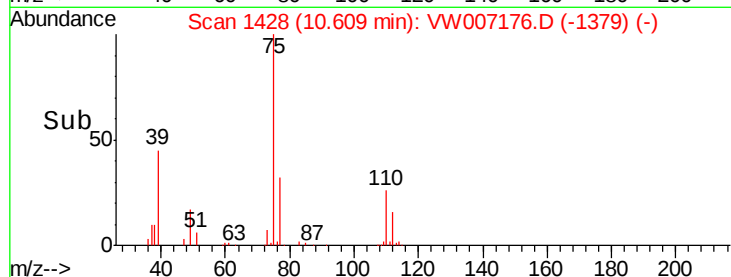
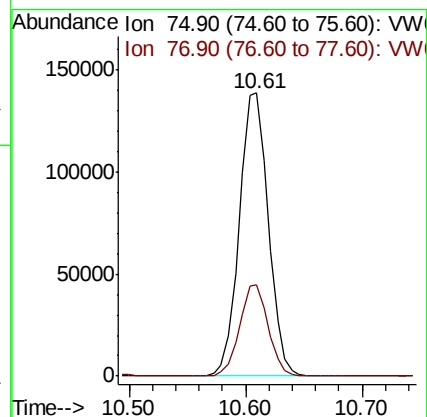
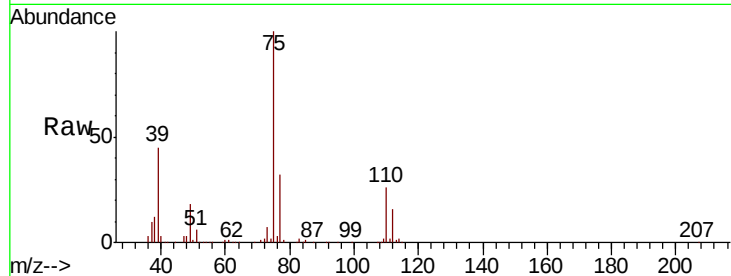
VSTDIC150

Tgt Ion: 75 Resp: 241056

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 150.959 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

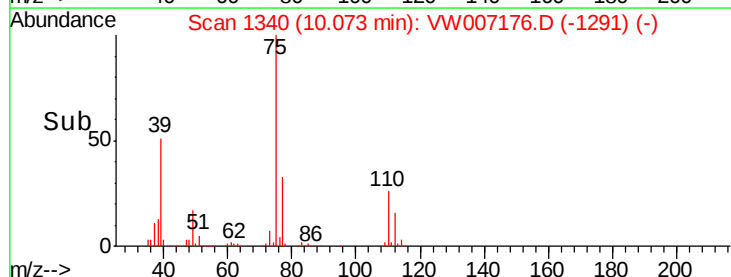
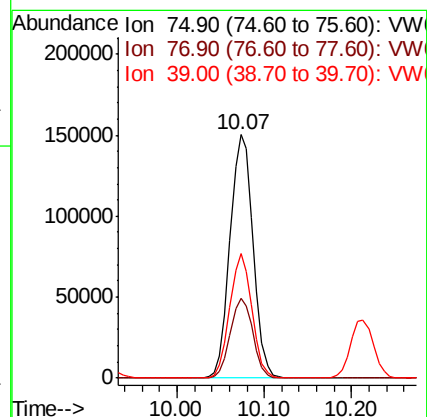
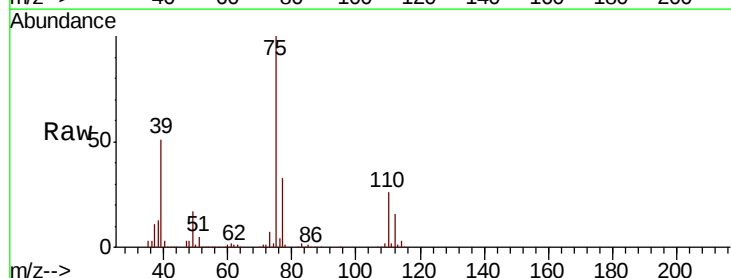
Tgt Ion: 75 Resp: 275463

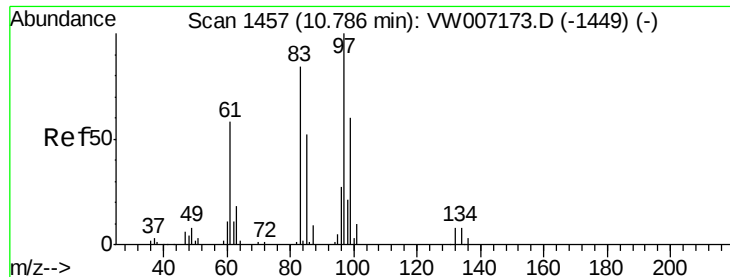
Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2

39 50.9 39.0 58.6

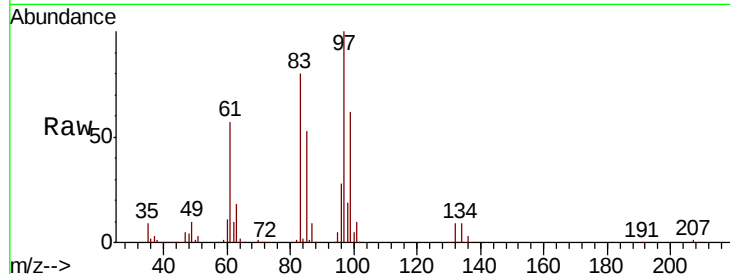




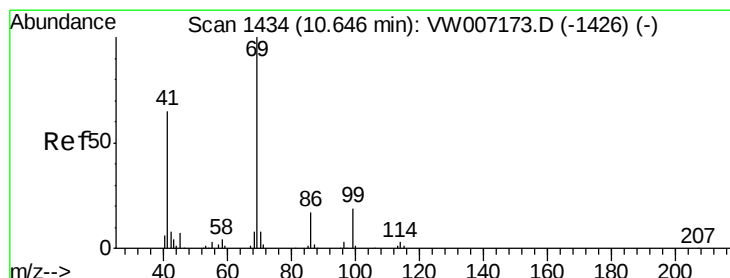
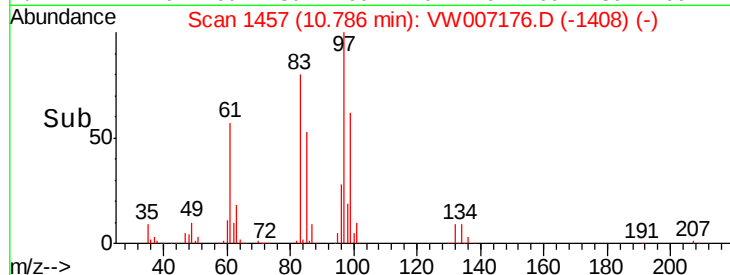
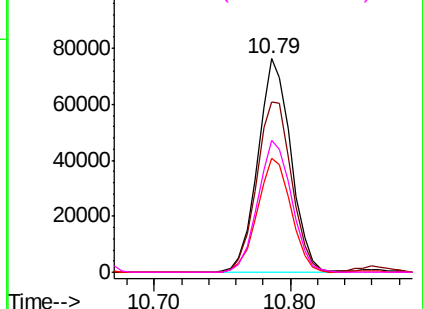
#55
 1,1,2-Trichloroethane
 Concen: 148.941 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 130326
 Ion Ratio Lower Upper
 97 100
 83 79.5 67.0 100.4
 85 53.2 41.5 62.3
 99 61.6 48.4 72.6

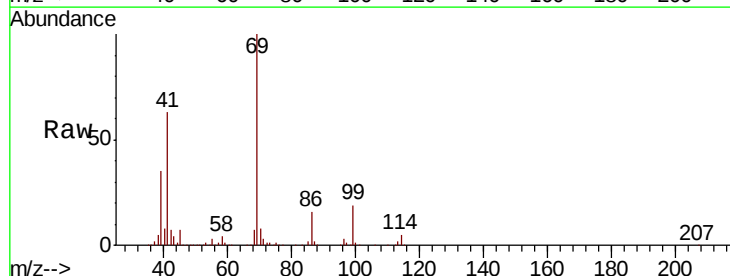


Abundance Ion 96.90 (96.60 to 97.60): VW
 120000 Ion 82.90 (82.60 to 83.60): VW
 100000 Ion 84.90 (84.60 to 85.60): VW
 80000 Ion 98.90 (98.60 to 99.60): VW

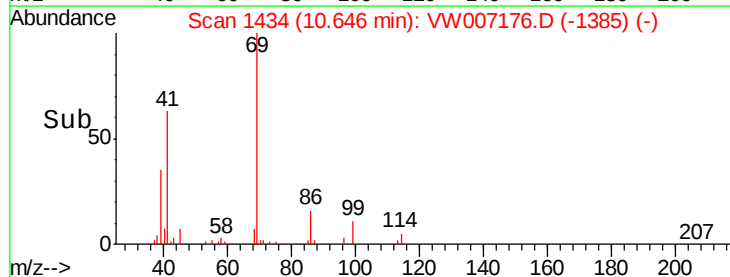
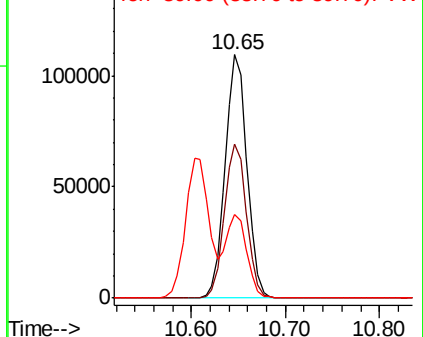


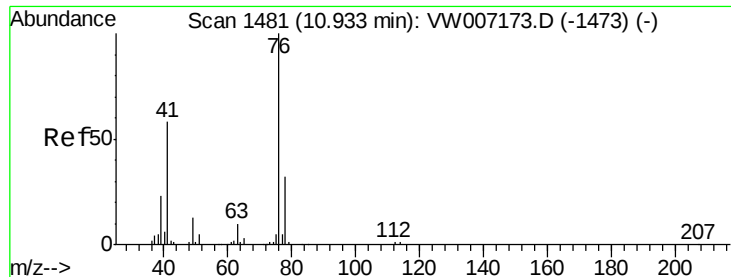
#56
 Ethyl methacrylate
 Concen: 170.353 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 69 Resp: 175565
 Ion Ratio Lower Upper
 69 100
 41 63.5 51.2 76.8
 39 33.9 26.7 40.1



Abundance Ion 69.00 (68.70 to 69.70): VW
 150000 Ion 41.00 (40.70 to 41.70): VW
 100000 Ion 39.00 (38.70 to 39.70): VW

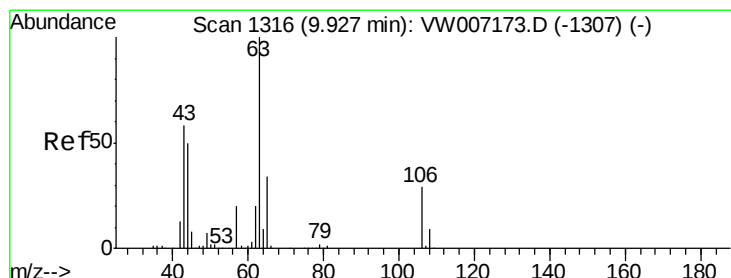
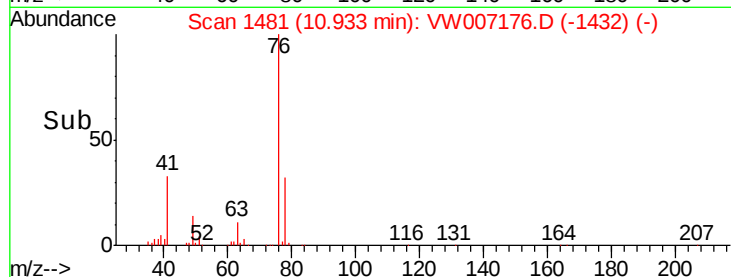
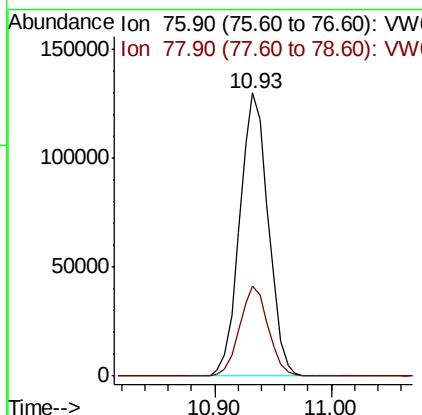
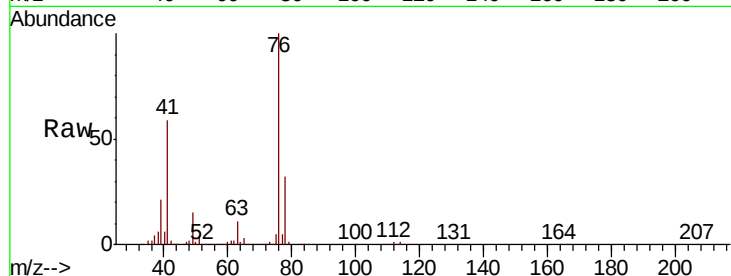




#57
 1,3-Dichloropropane
 Concen: 151.561 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

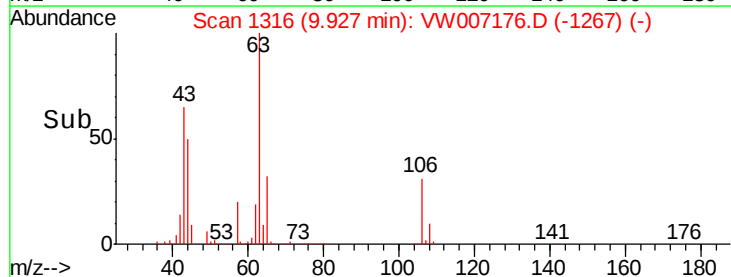
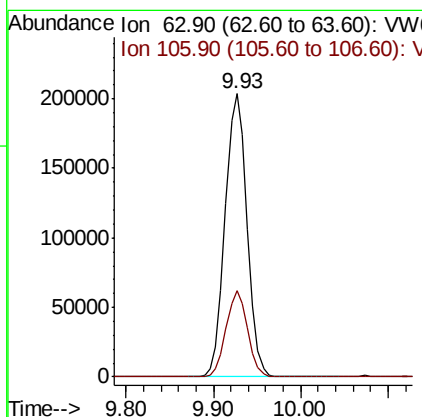
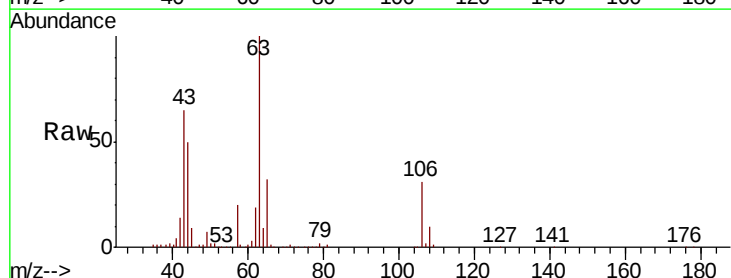
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

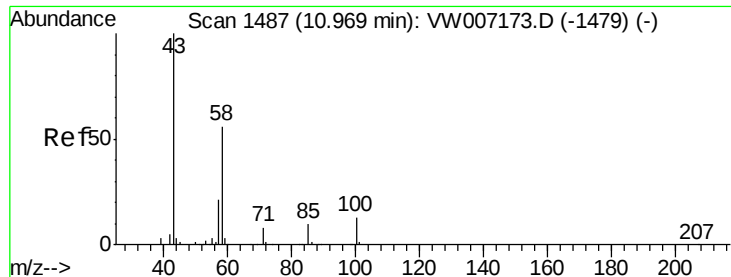
Tgt Ion: 76 Resp: 222347
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 677.219 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 63 Resp: 353158
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.5 35.3

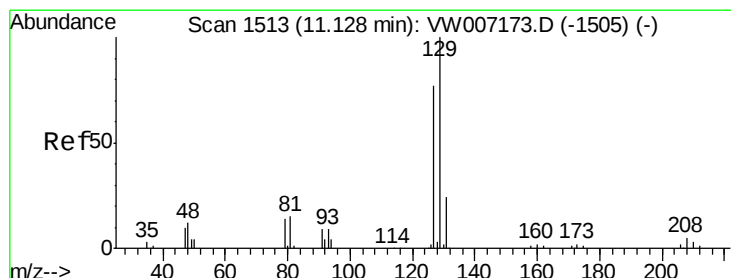
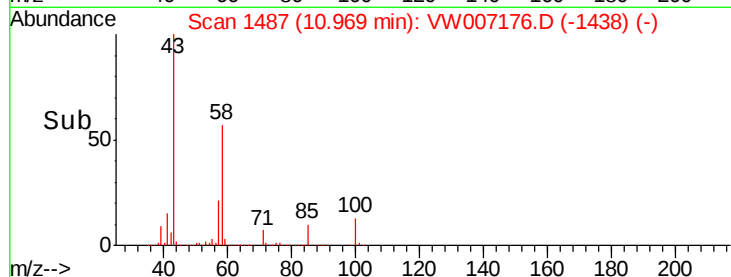
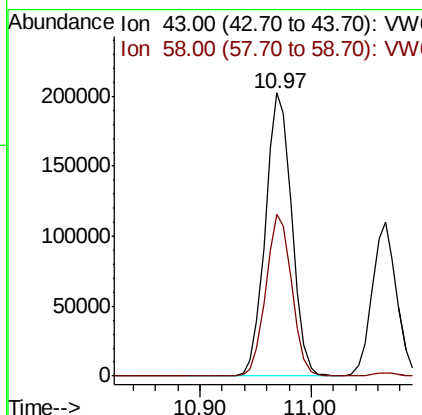
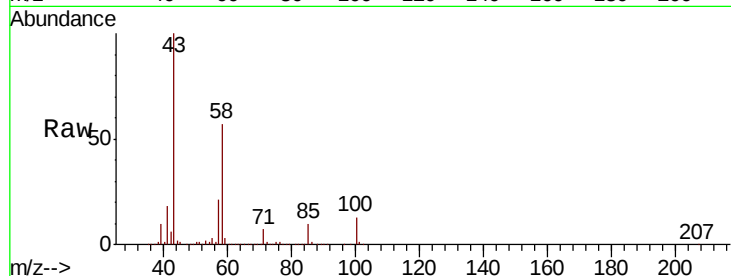




#59
2-Hexanone
Concen: 783.287 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

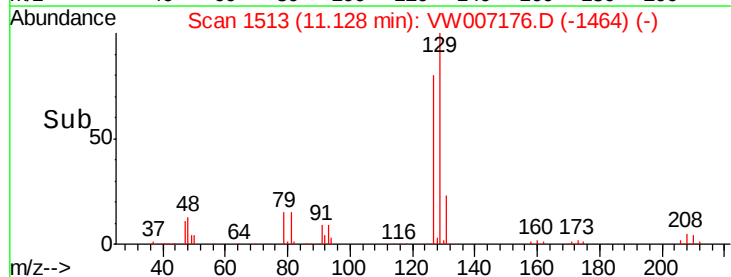
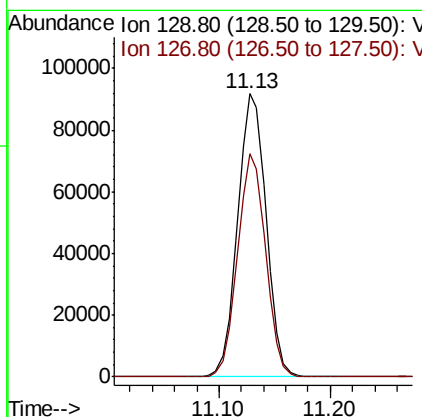
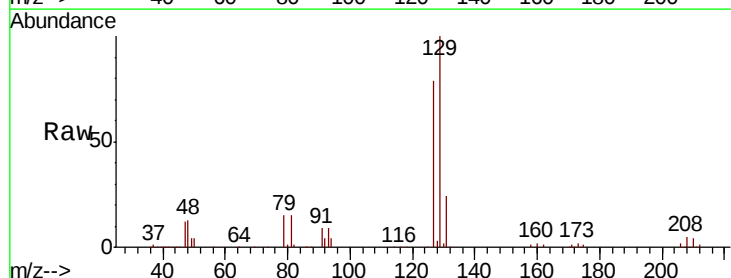
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

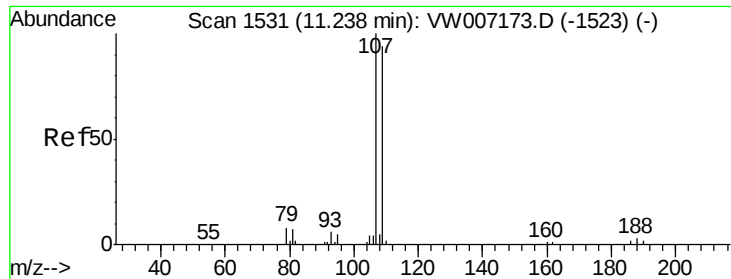
Tgt Ion: 43 Resp: 334044
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.9



#60
Dibromochloromethane
Concen: 161.526 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 129 Resp: 162283
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 158.929 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

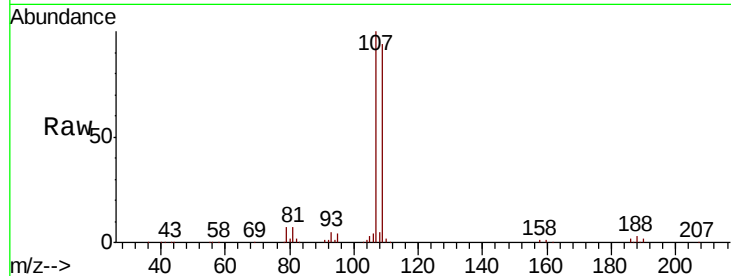
VSTDIC150

Tgt Ion: 107 Resp: 128437

Ion Ratio Lower Upper

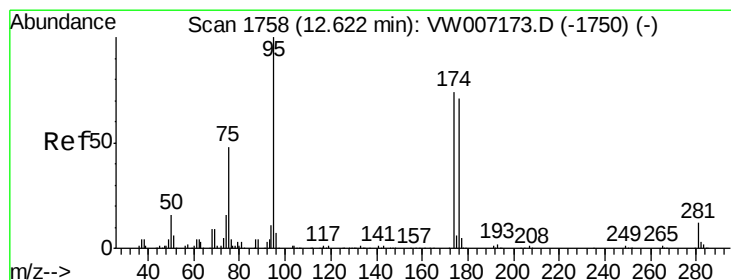
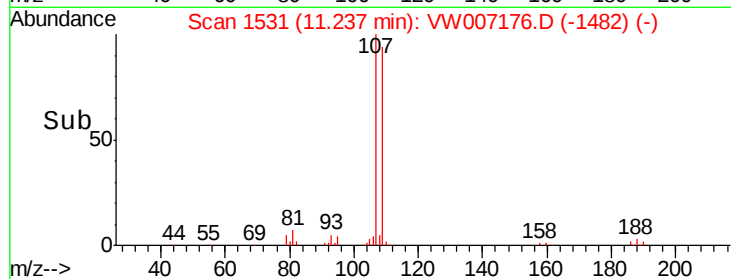
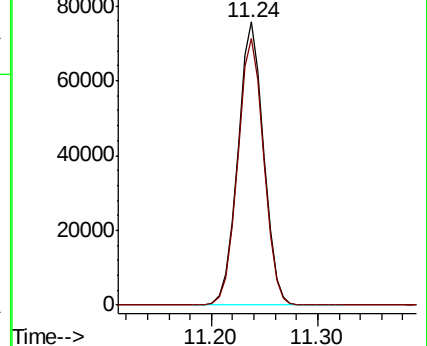
107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 143.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

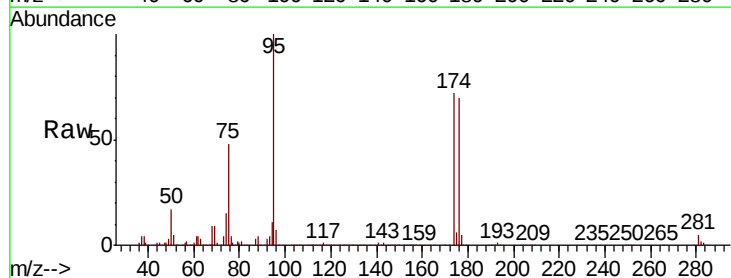
Tgt Ion: 95 Resp: 255534

Ion Ratio Lower Upper

95 100

174 74.7 0.0 148.4

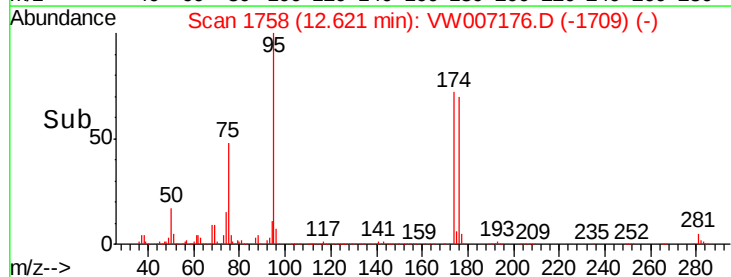
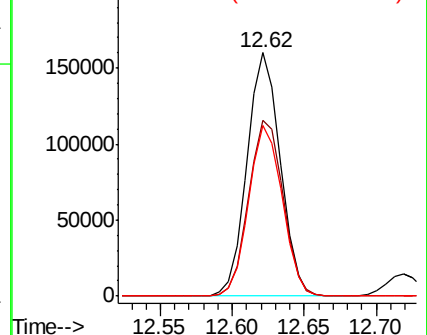
176 70.8 0.0 141.8

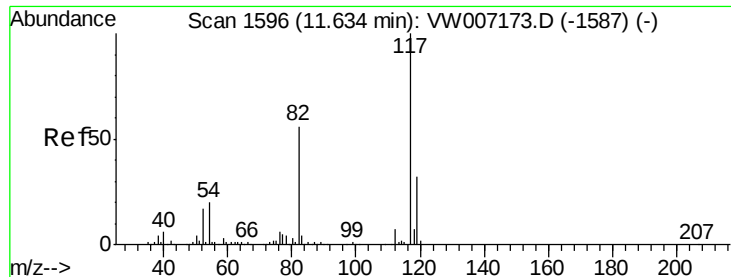


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

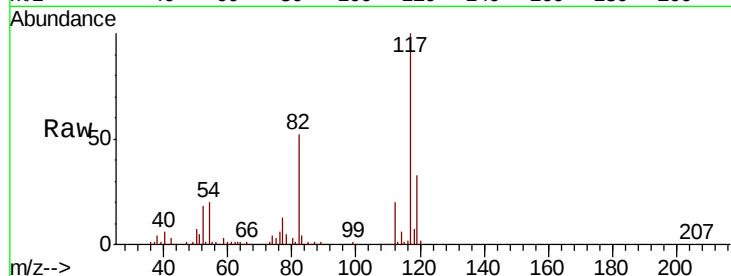
Tgt Ion:117 Resp: 170179

Ion Ratio Lower Upper

117 100

82 51.8 44.5 66.7

119 32.9 25.8 38.6

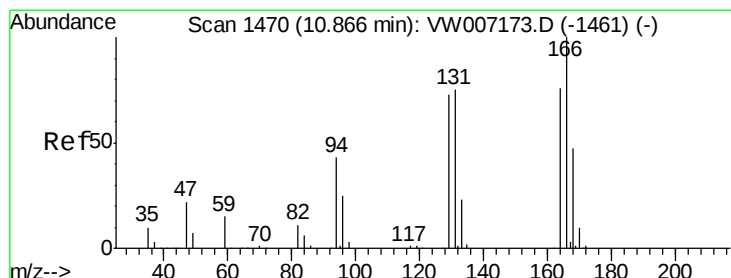
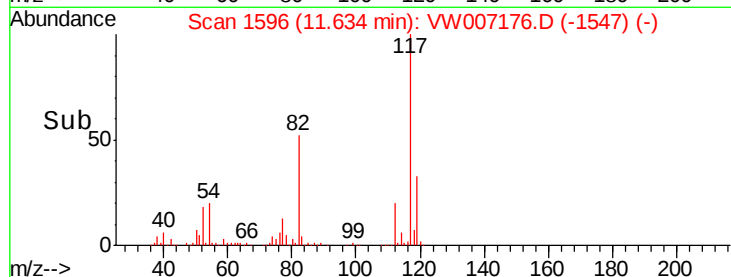
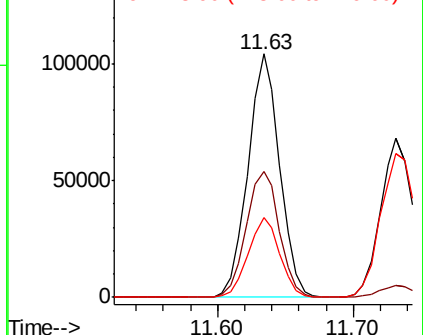


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 156.570 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Tgt Ion:164 Resp: 172961

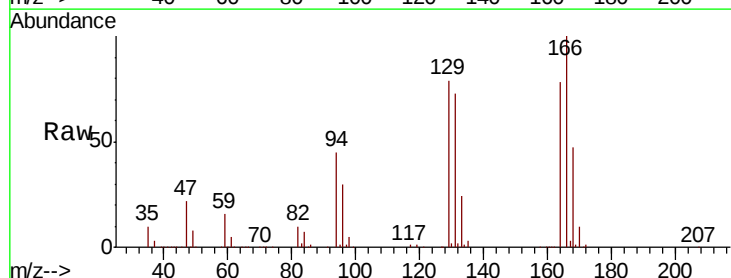
Ion Ratio Lower Upper

164 100

166 128.1 104.6 157.0

129 101.1 76.1 114.1

131 93.4 78.0 117.0



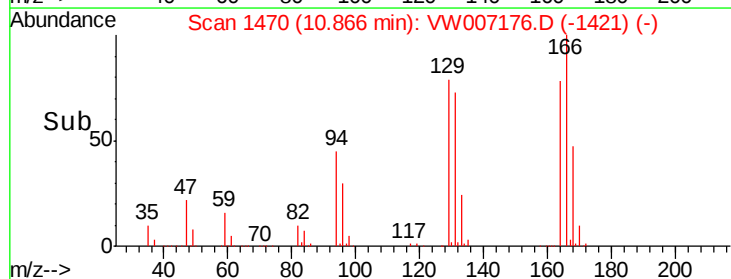
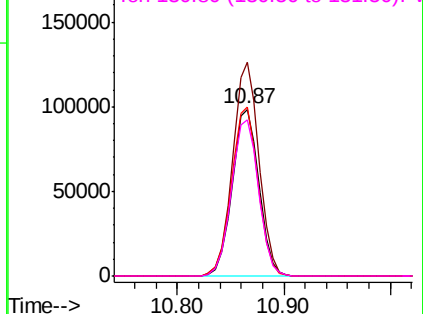
Abundance

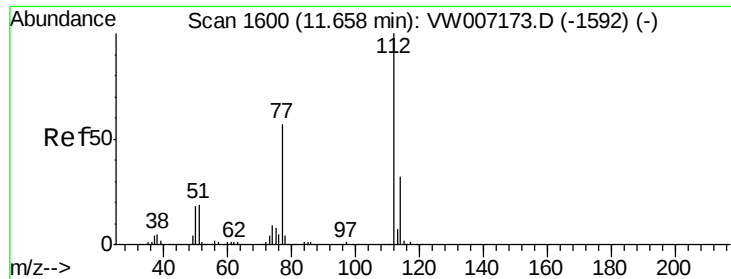
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

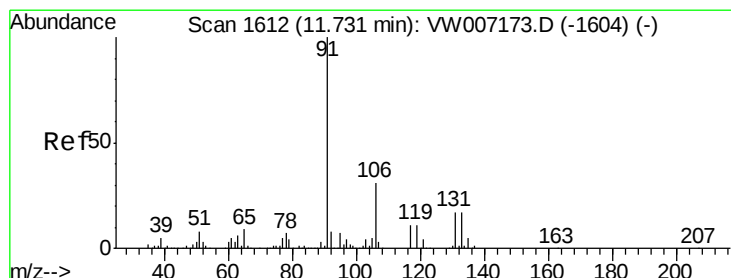
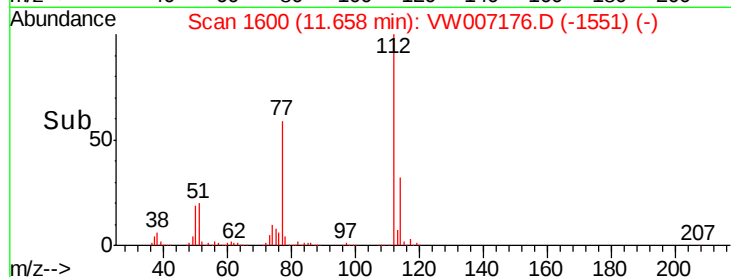
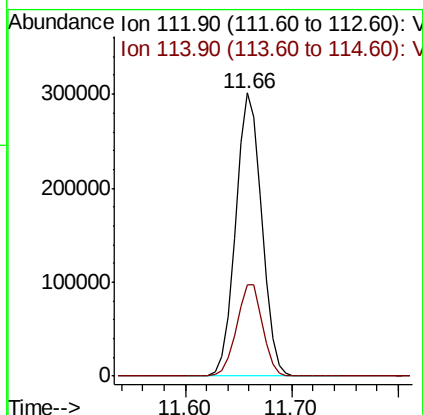
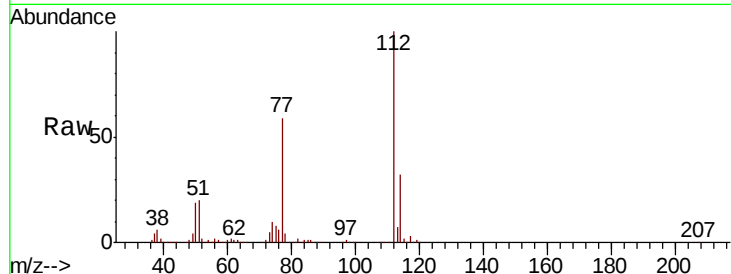




#65
Chlorobenzene
Concen: 145.822 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

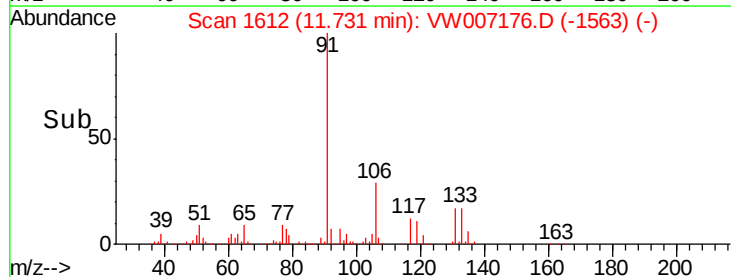
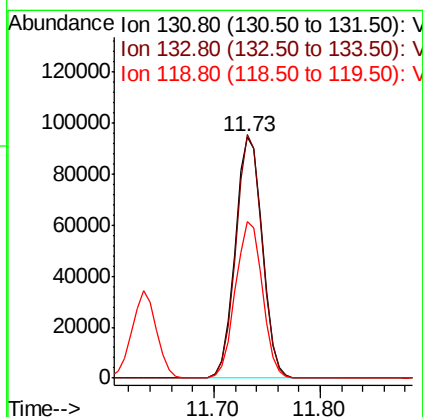
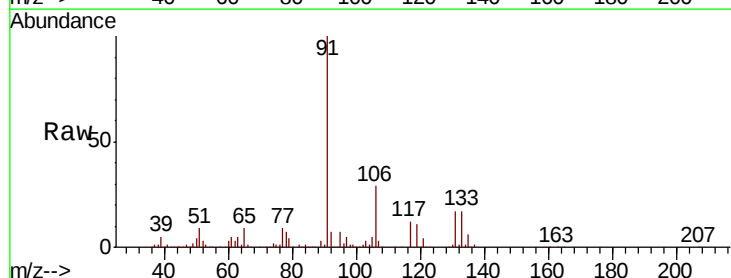
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

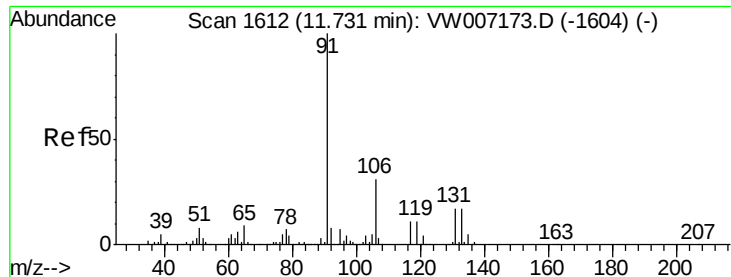
Tgt Ion:112 Resp: 516097
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 156.032 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion:131 Resp: 169275
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.8
119 64.8 31.7 95.1

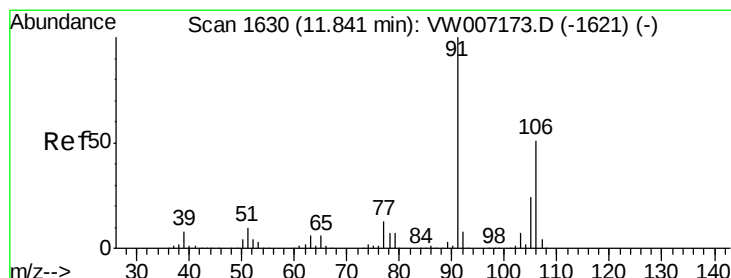
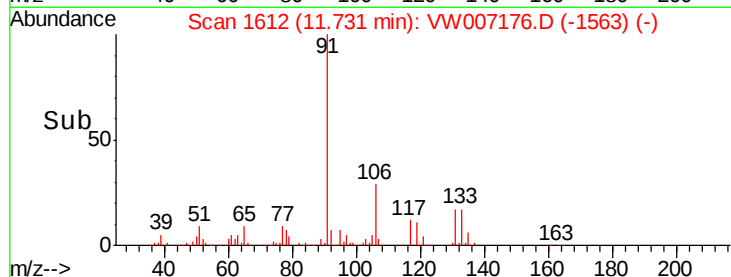
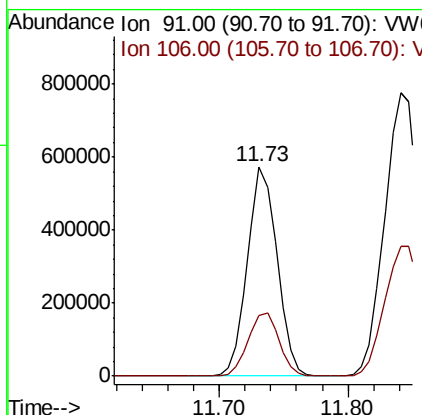
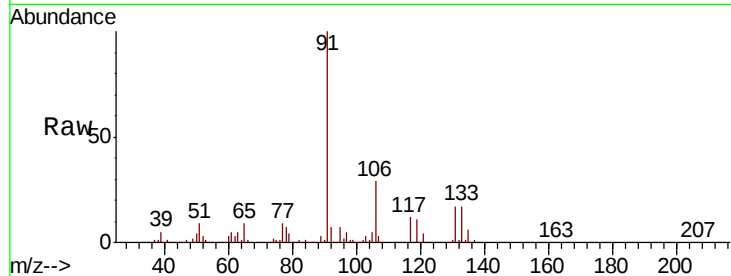




#67
Ethyl Benzene
Concen: 140.654 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

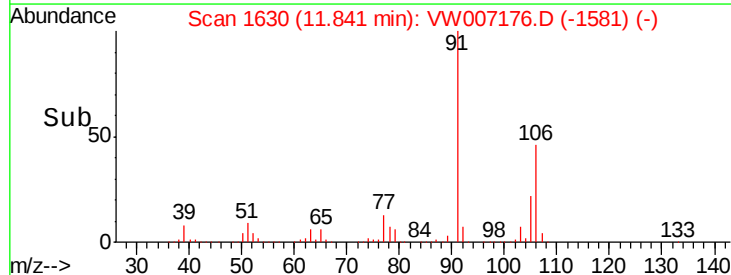
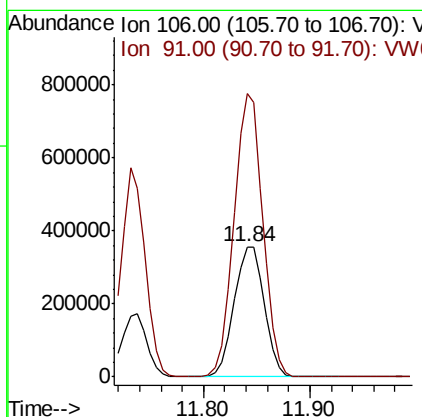
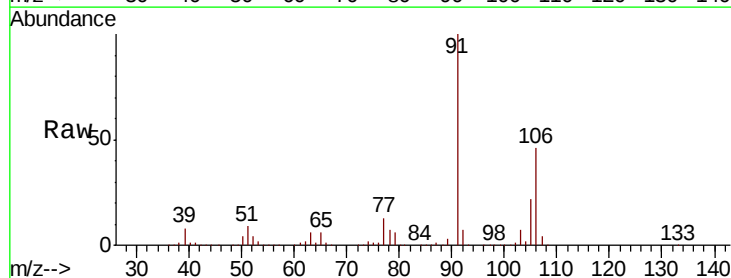
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

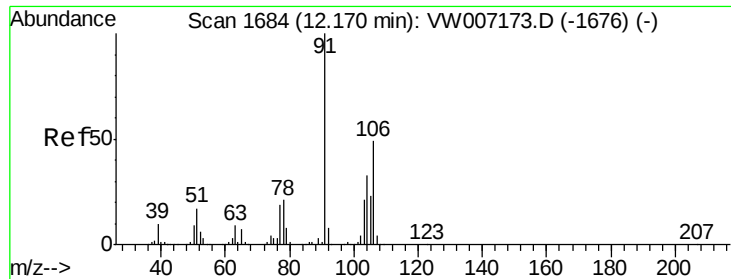
Tgt Ion: 91 Resp: 912794
Ion Ratio Lower Upper
91 100
106 28.9 25.0 37.6



#68
m/p-Xylenes
Concen: 277.167 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion: 106 Resp: 706203
Ion Ratio Lower Upper
106 100
91 208.8 161.4 242.2

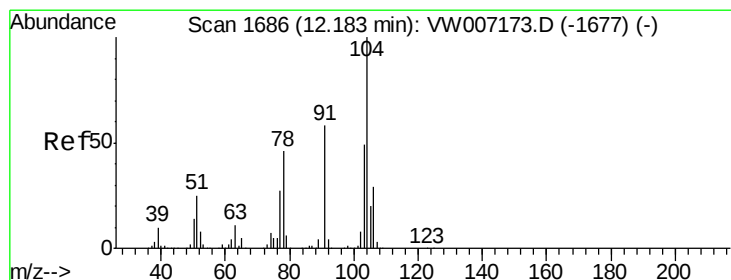
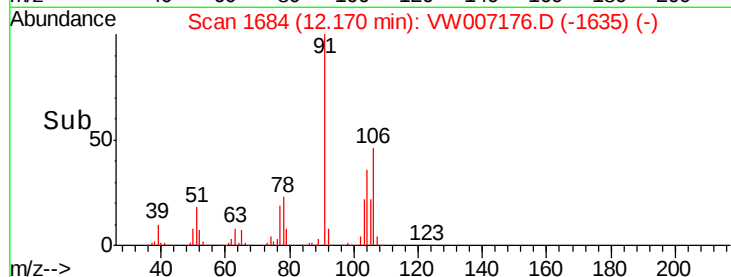
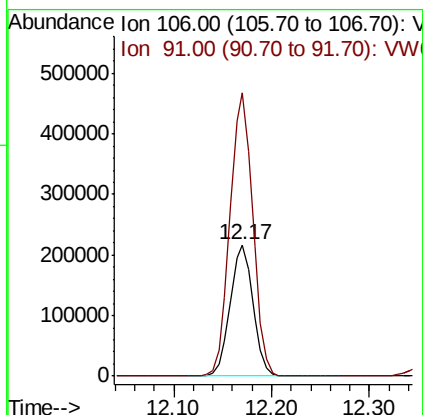
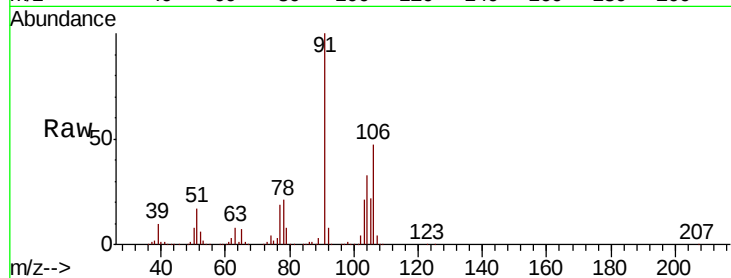




#69
o-Xylene
Concen: 145.455 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

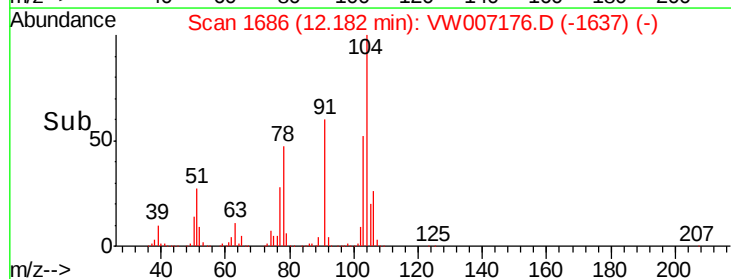
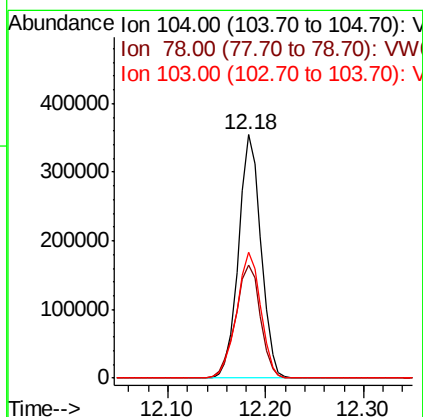
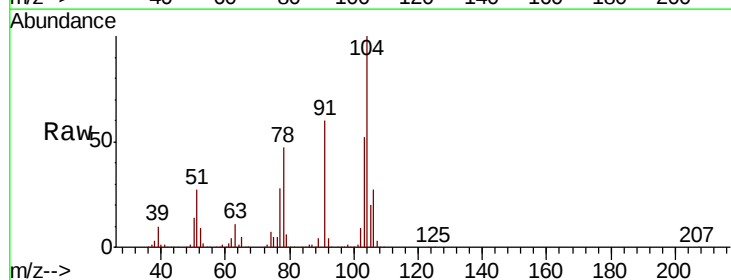
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

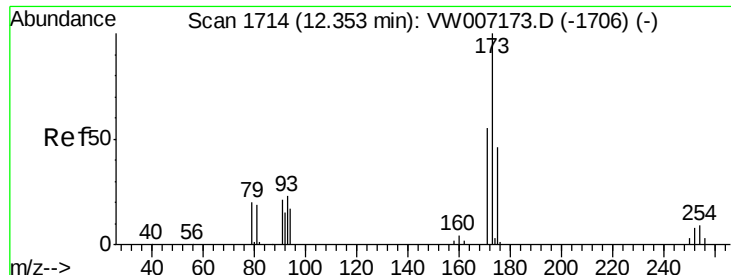
Tgt Ion:106 Resp: 349238
Ion Ratio Lower Upper
106 100
91 216.3 104.6 313.8



#70
Styrene
Concen: 146.750 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion:104 Resp: 562621
Ion Ratio Lower Upper
104 100
78 52.0 40.7 61.1
103 55.8 43.7 65.5





#71

Bromoform

Concen: 174.746 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

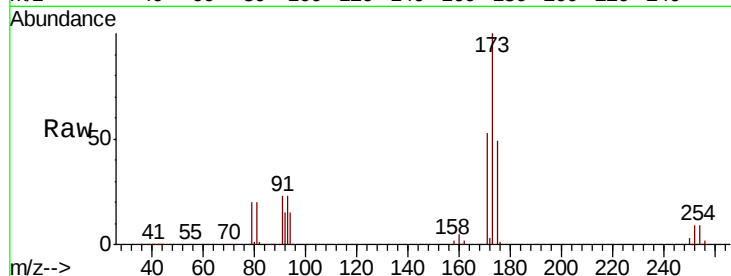
Tgt Ion:173 Resp: 90161

Ion Ratio Lower Upper

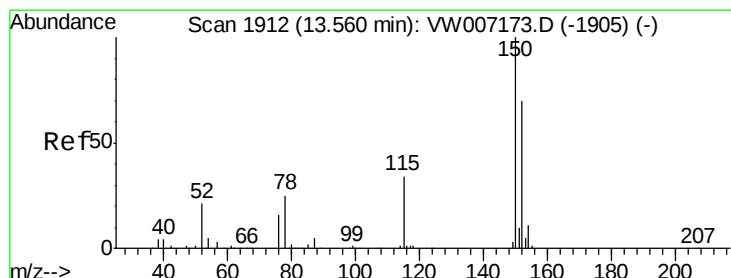
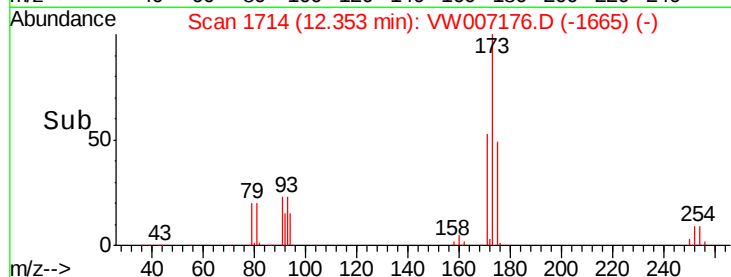
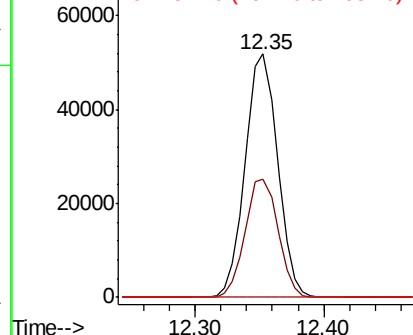
173 100

175 49.5 23.5 70.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

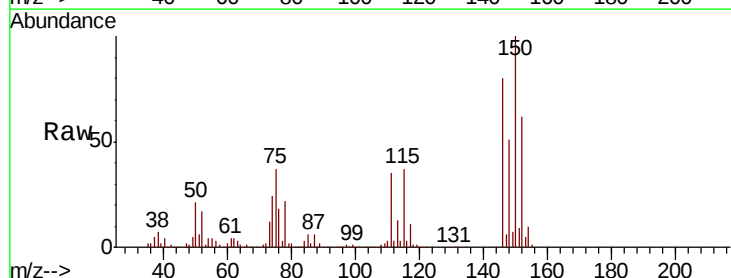
Tgt Ion:152 Resp: 83592

Ion Ratio Lower Upper

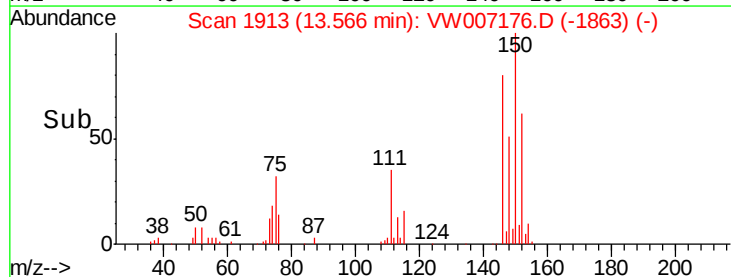
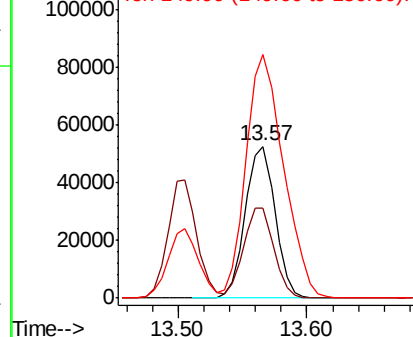
152 100

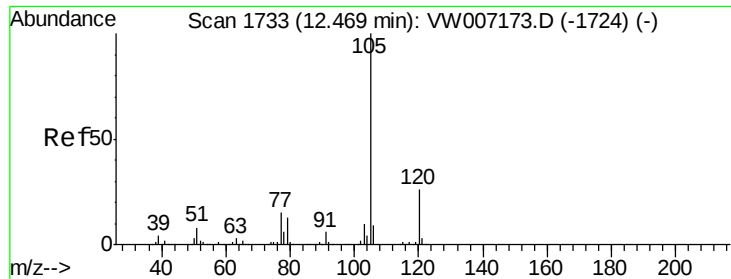
115 60.6 29.6 88.9

150 204.2 0.0 341.6



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: 148.922 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

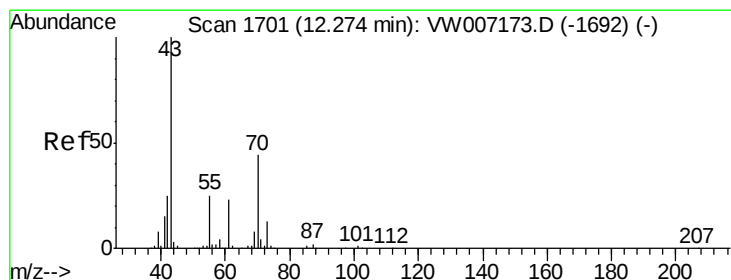
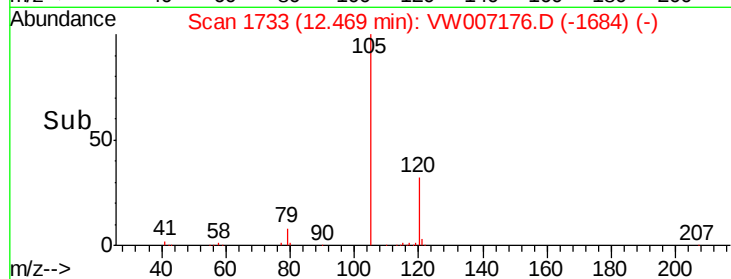
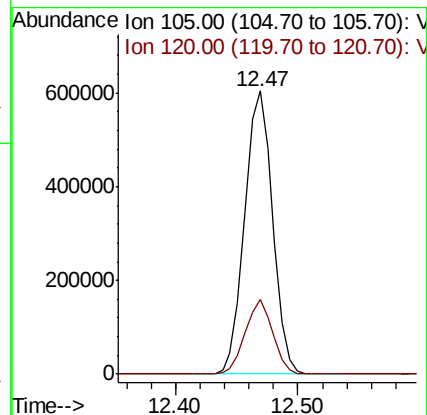
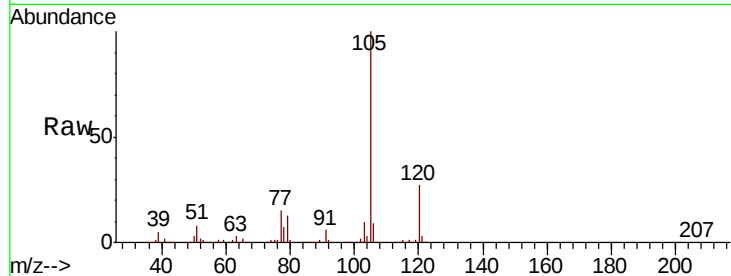
VSTDIC150

Tgt Ion: 105 Resp: 956101

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 156.776 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Tgt Ion: 43 Resp: 171822

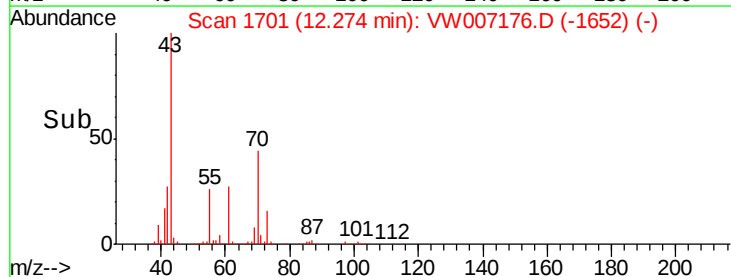
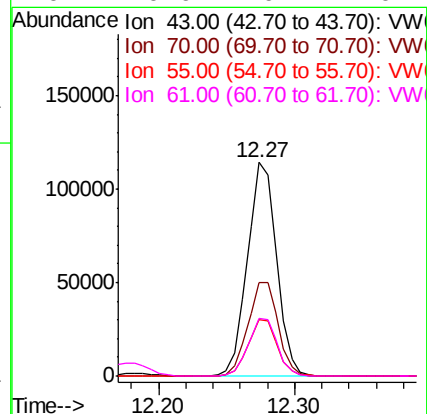
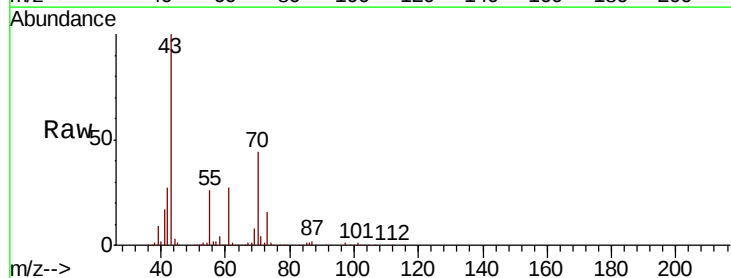
Ion Ratio Lower Upper

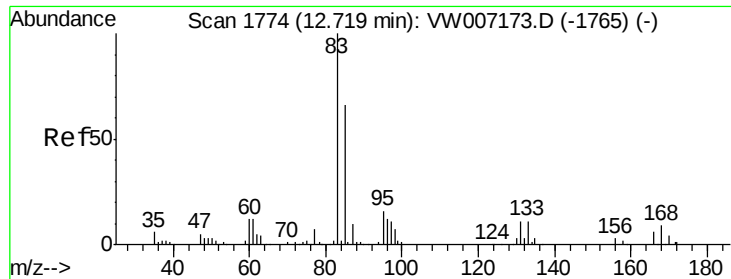
43 100

70 45.4 35.1 52.7

55 26.3 19.4 29.2

61 26.9 19.4 29.2

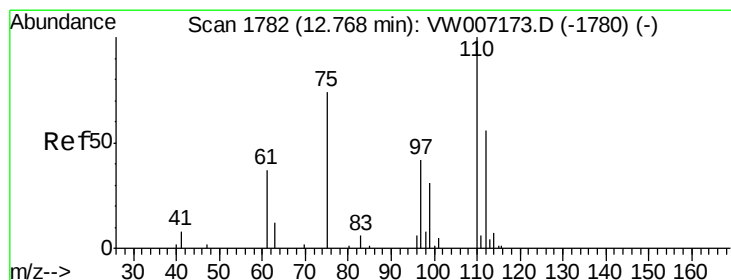
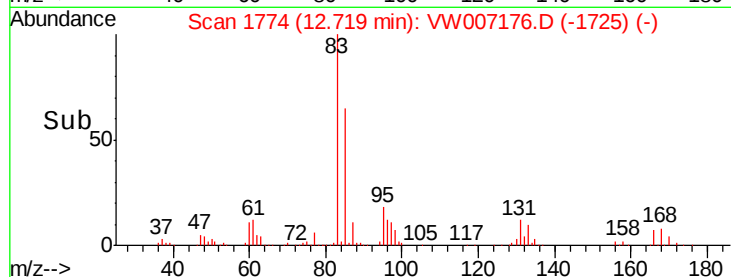
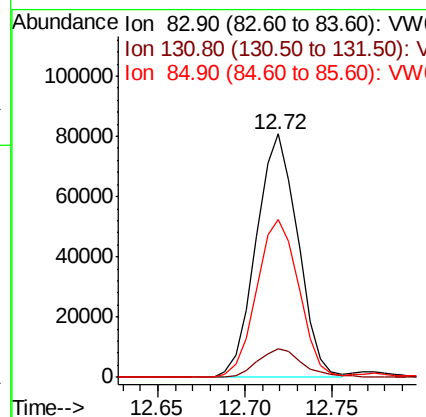
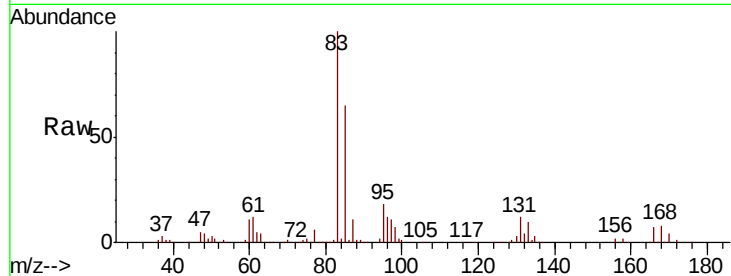




#75
 1,1,2,2-Tetrachloroethane
 Concen: 154.798 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

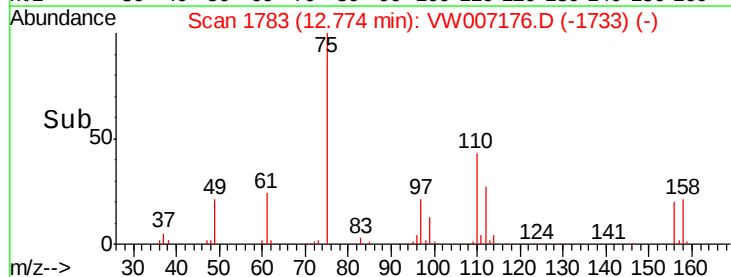
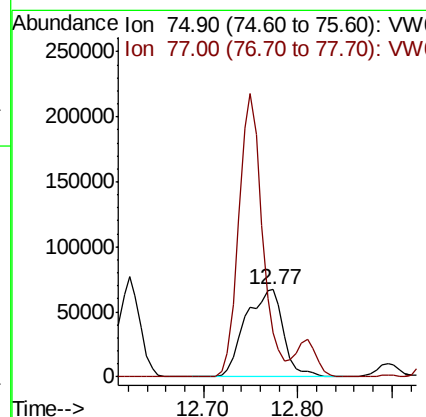
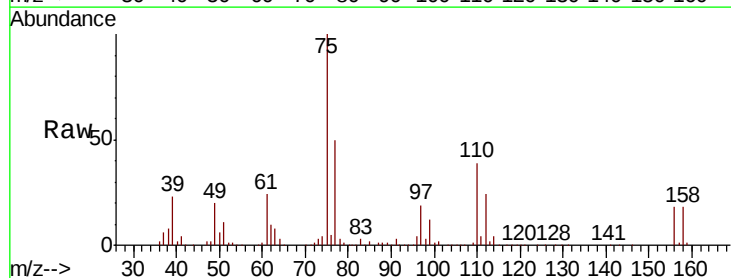
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

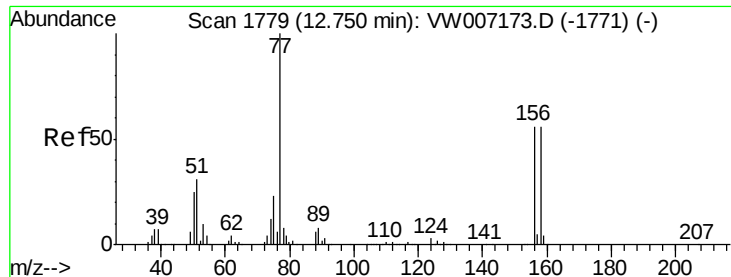
Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.3	6.2	18.6
85	65.7	32.6	98.0



#76
 1,2,3-Trichloropropane
 Concen: 279.483 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	186.5	559.5#





#77

Bromobenzene

Concen: 151.921 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

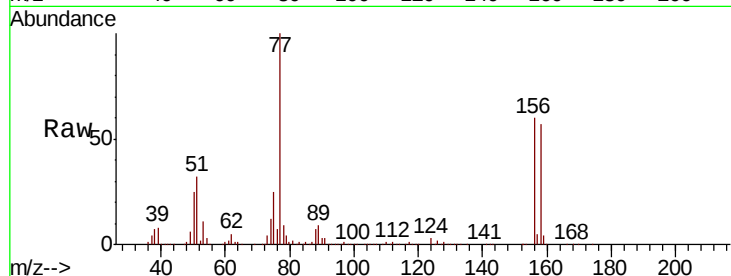
Tgt Ion:156 Resp: 210027

Ion Ratio Lower Upper

156 100

77 181.3 95.0 285.2

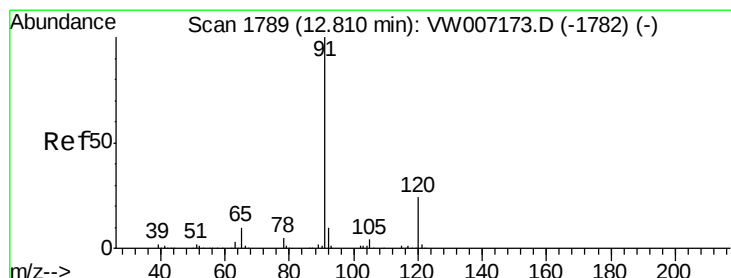
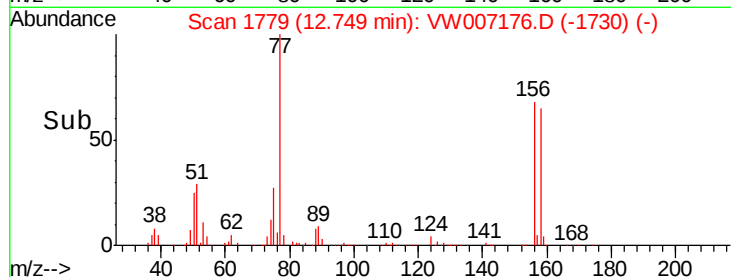
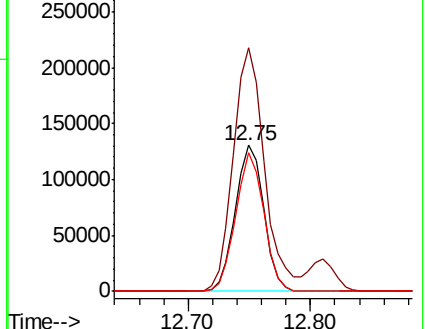
158 94.0 49.7 149.1



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: 143.811 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007176.D

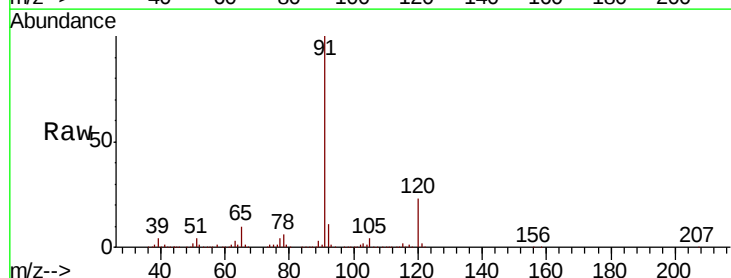
Acq: 04 Dec 2018 02:35

Tgt Ion: 91 Resp: 1115706

Ion Ratio Lower Upper

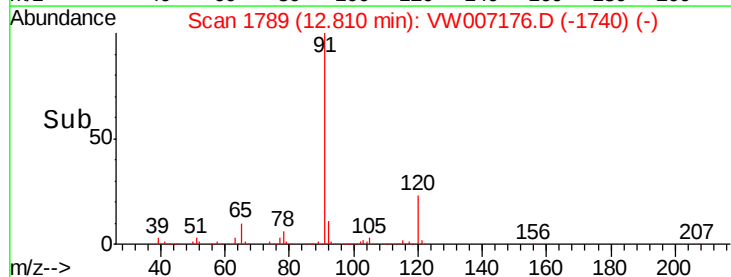
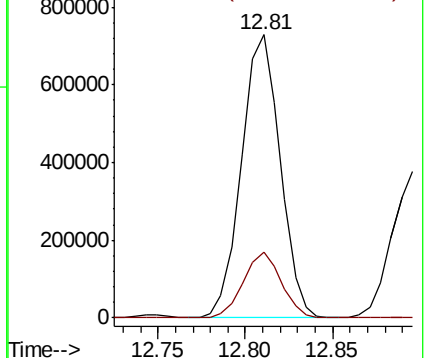
91 100

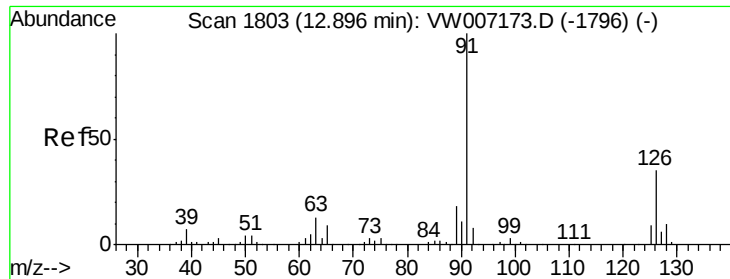
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

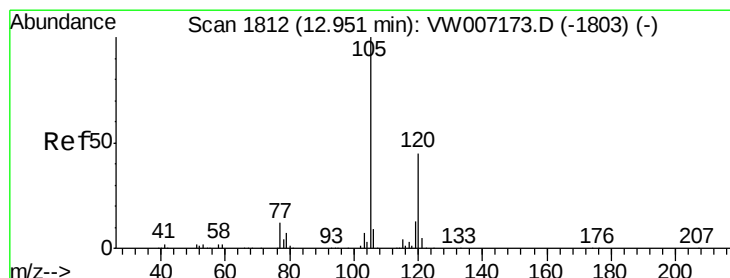
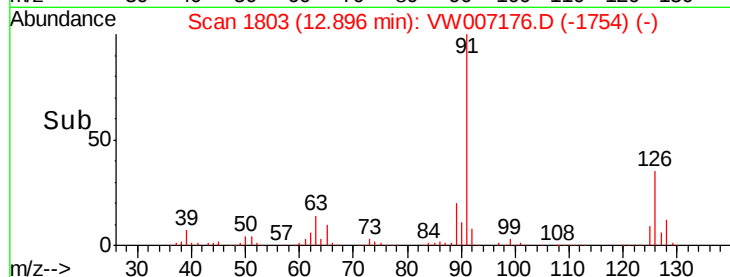
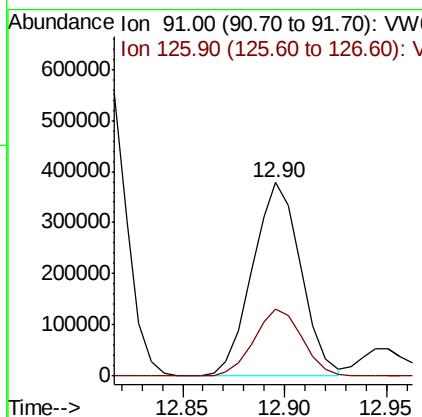
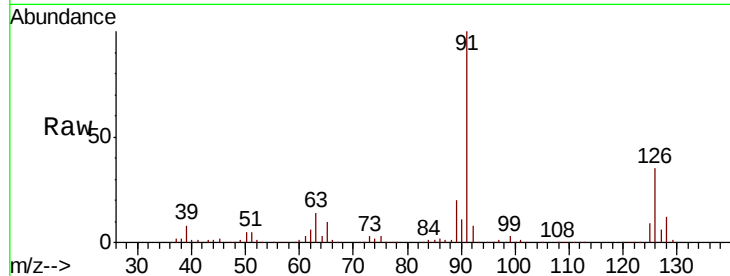




#79
 2-Chlorotoluene
 Concen: 138.854 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

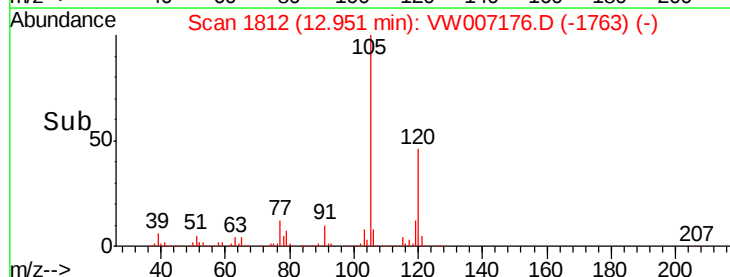
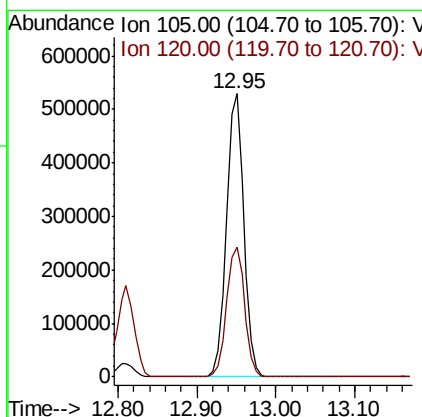
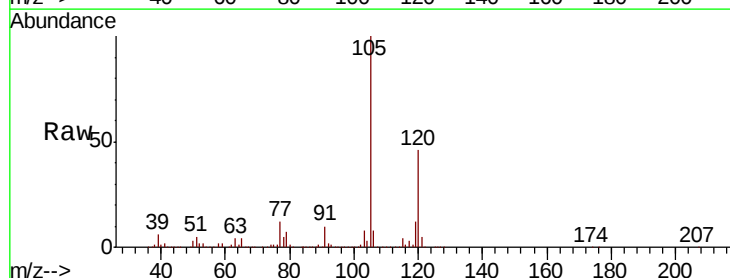
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

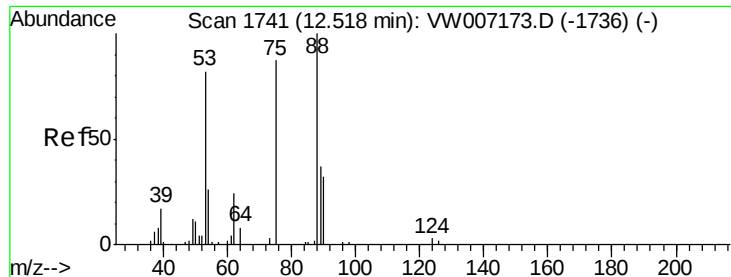
Tgt Ion: 91 Resp: 622260
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 144.222 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion: 105 Resp: 800617
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 173.895 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

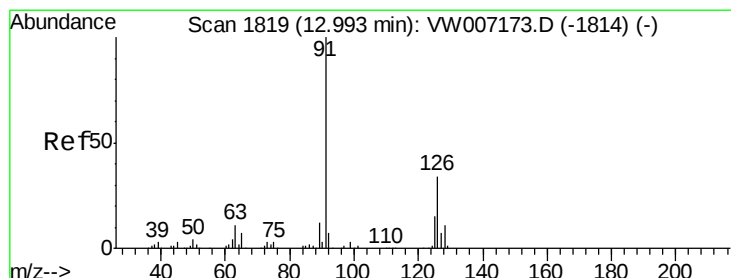
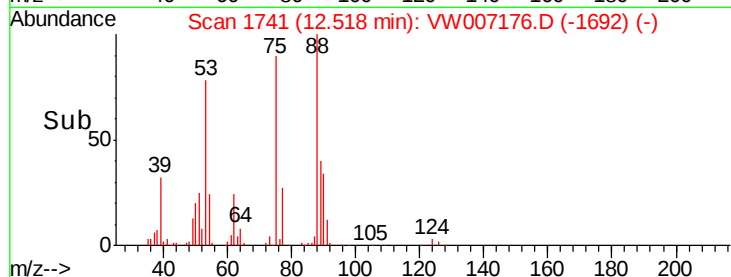
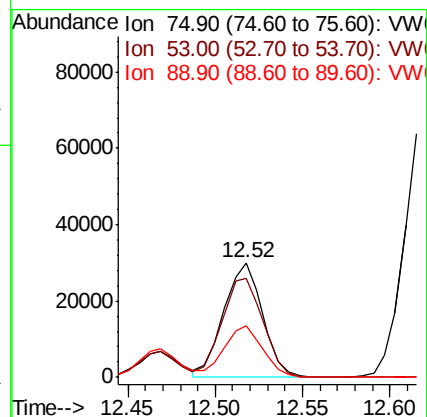
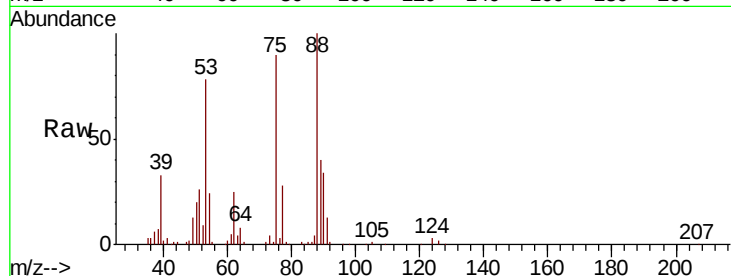
Tgt Ion: 75 Resp: 45902

Ion Ratio Lower Upper

75 100

53 92.5 73.5 110.3

89 46.0 36.4 54.6



#82

4-Chlorotoluene

Concen: 143.144 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007176.D

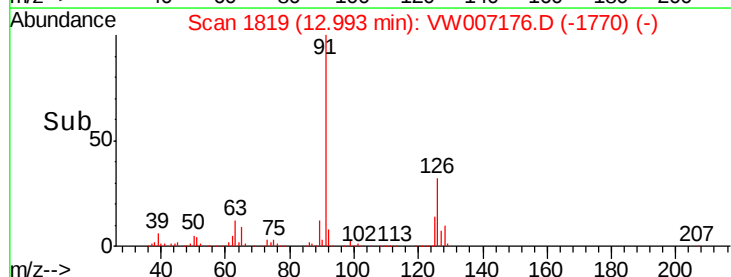
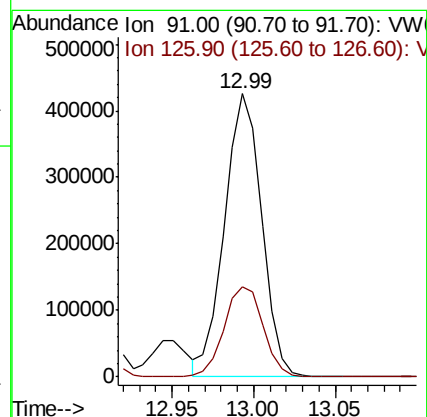
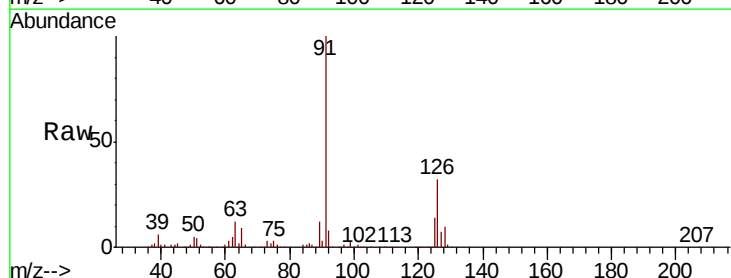
Acq: 04 Dec 2018 02:35

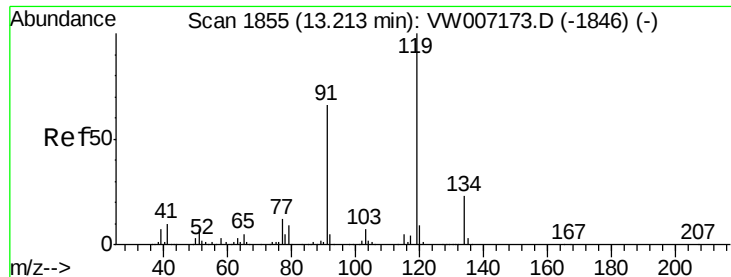
Tgt Ion: 91 Resp: 672346

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.7

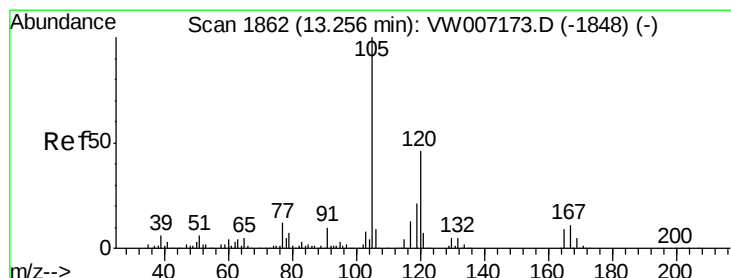
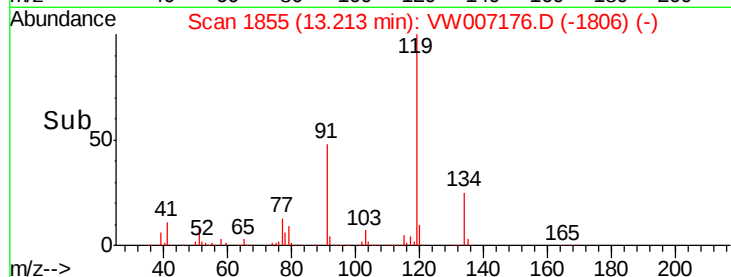
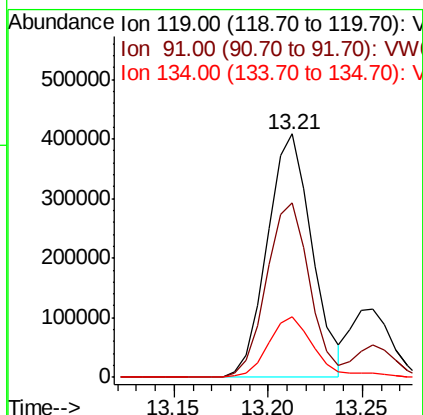
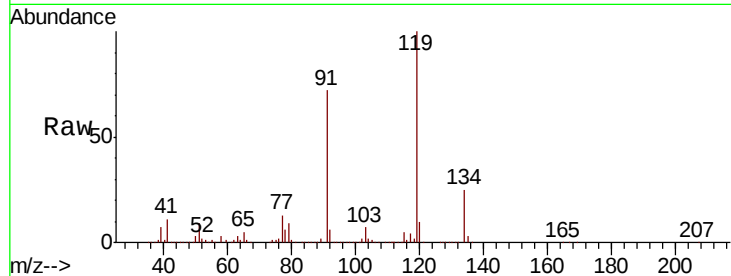




#83
 tert-Butylbenzene
 Concen: 139.811 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

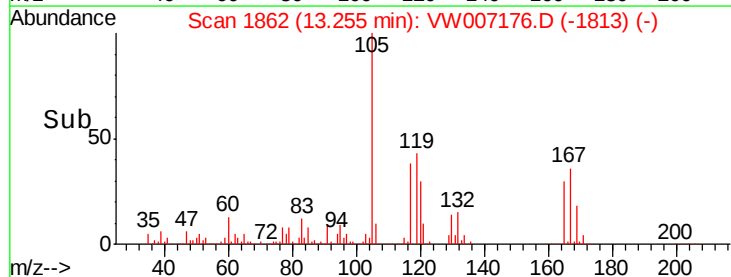
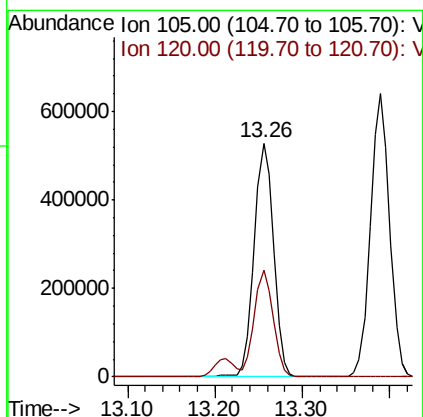
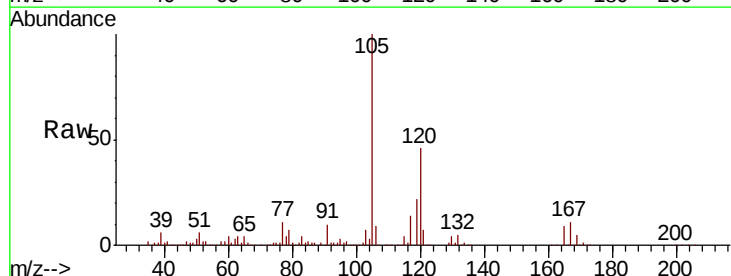
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

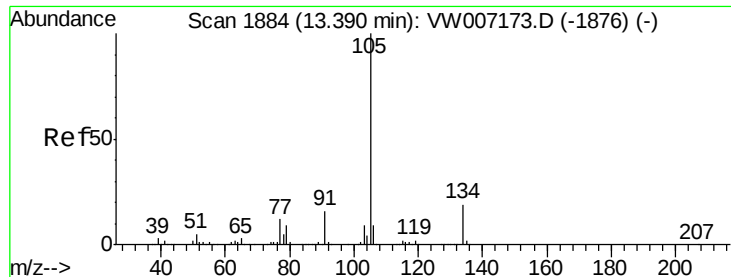
Tgt Ion:119 Resp: 673057
 Ion Ratio Lower Upper
 119 100
 91 68.9 33.3 99.8
 134 25.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 147.060 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion:105 Resp: 814377
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.0

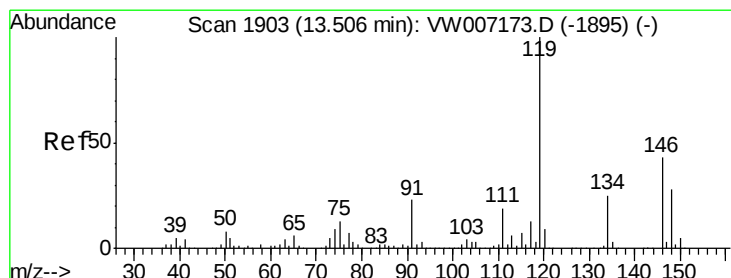
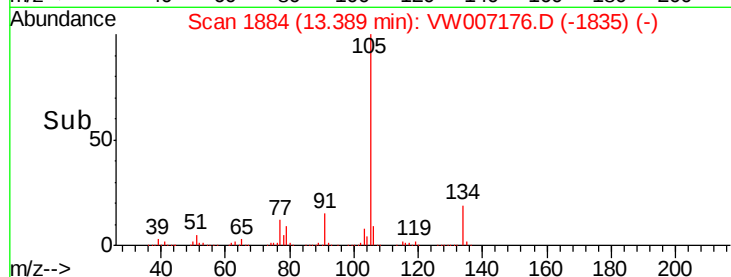
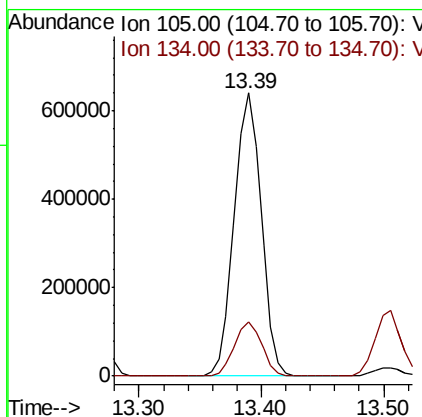
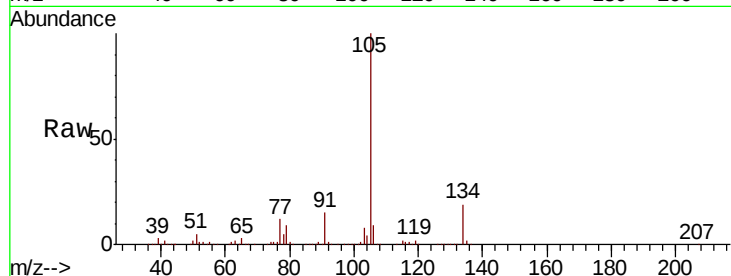




#85
 sec-Butylbenzene
 Concen: 144.748 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

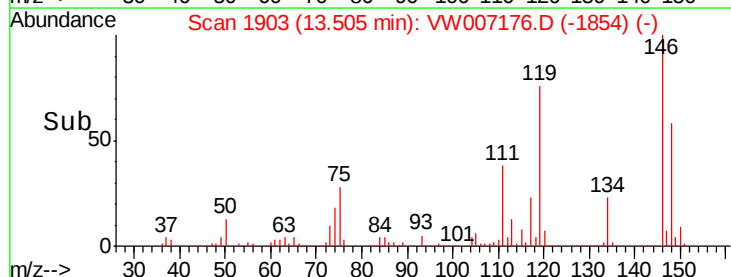
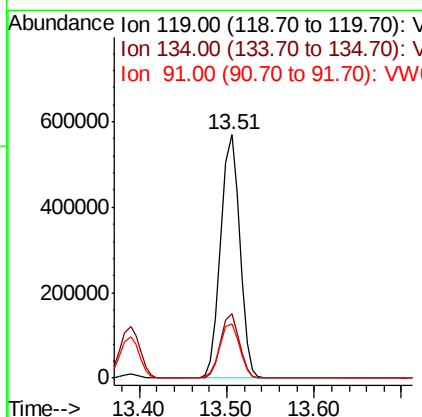
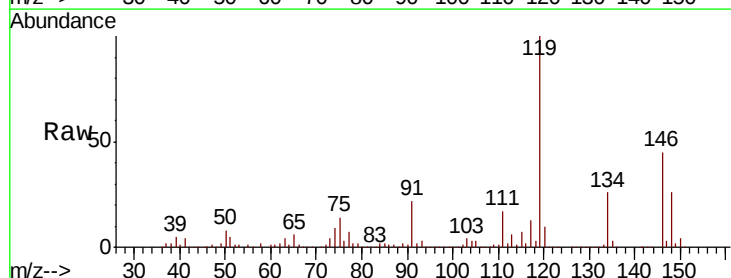
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

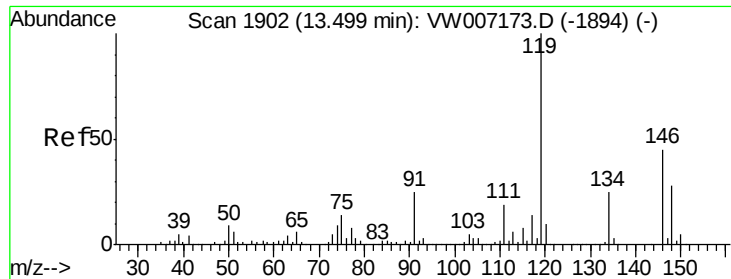
Tgt Ion:105 Resp: 981290
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 143.574 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion:119 Resp: 859745
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.0
 91 23.4 11.9 35.7

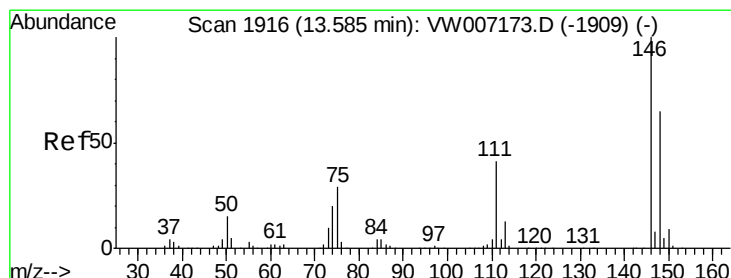
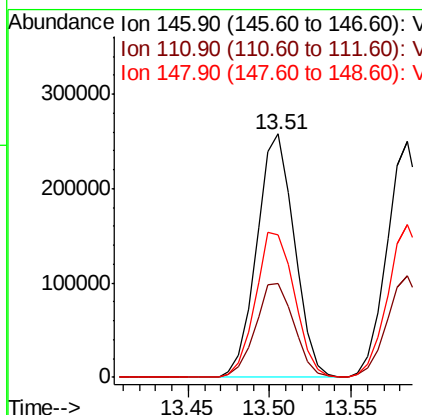
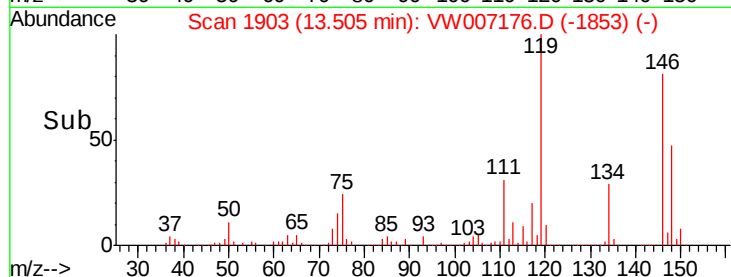
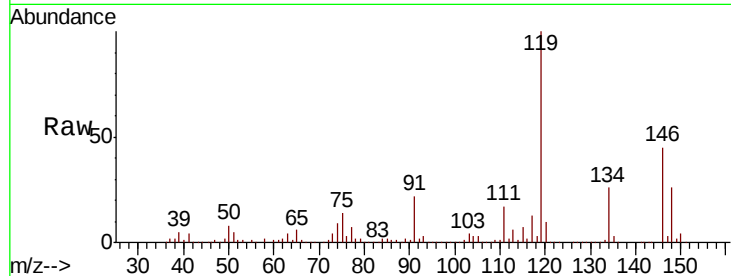




#87
 1,3-Dichlorobenzene
 Concen: 147.117 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

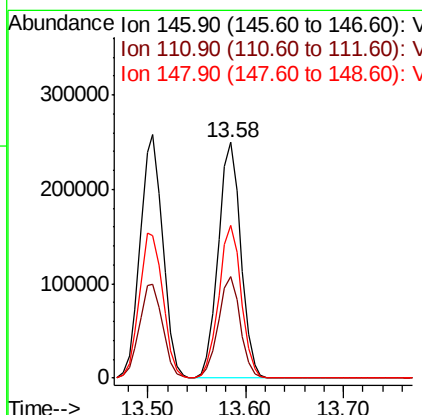
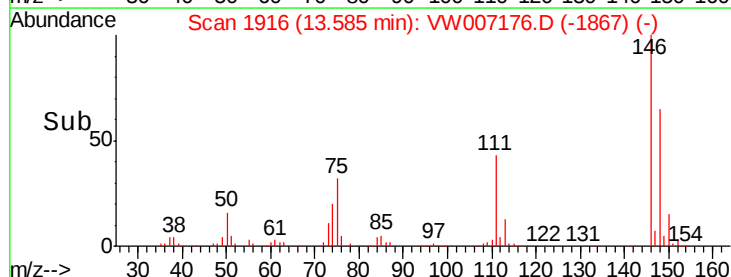
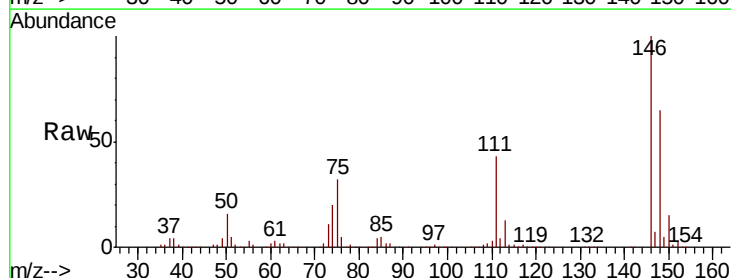
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

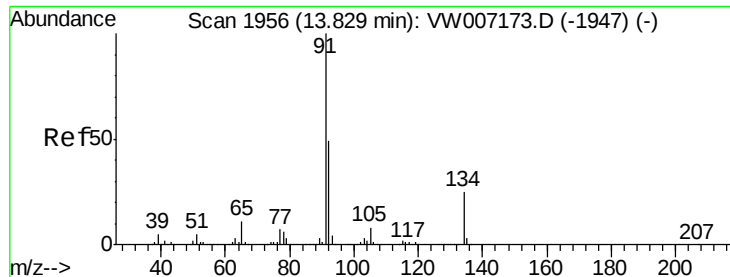
Tgt Ion:146 Resp: 414183
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.4 64.3
 148 61.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 141.751 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion:146 Resp: 400060
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 143.224 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

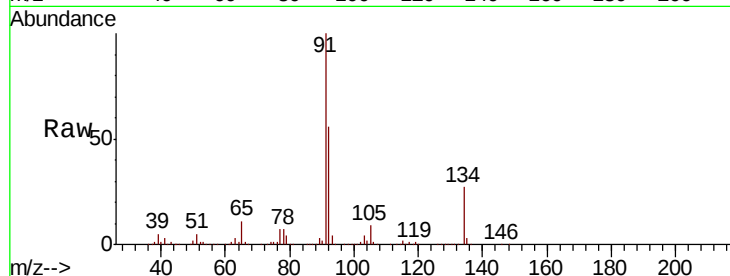
Tgt Ion: 91 Resp: 805661

Ion Ratio Lower Upper

91 100

92 54.6 25.4 76.4

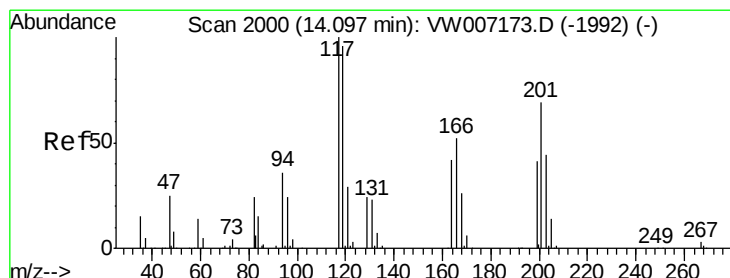
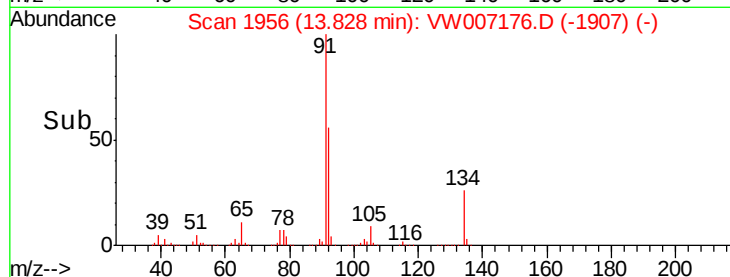
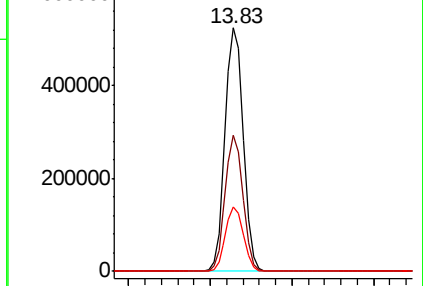
134 26.5 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 161.965 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007176.D

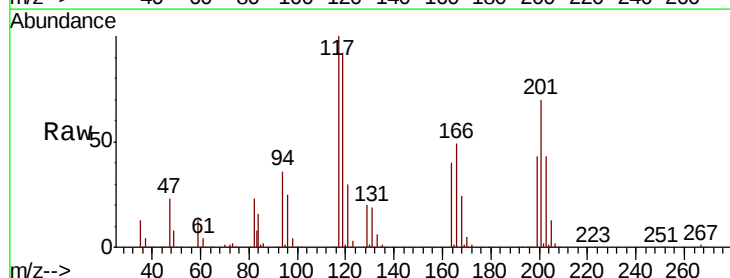
Acq: 04 Dec 2018 02:35

Tgt Ion: 117 Resp: 143374

Ion Ratio Lower Upper

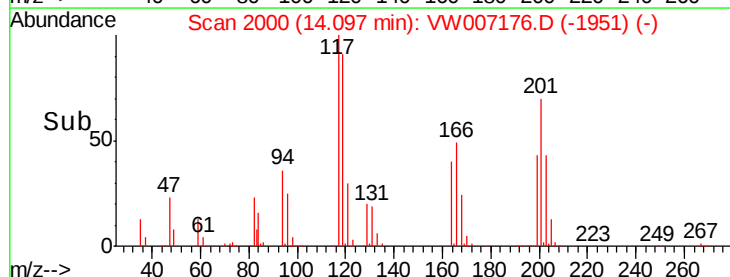
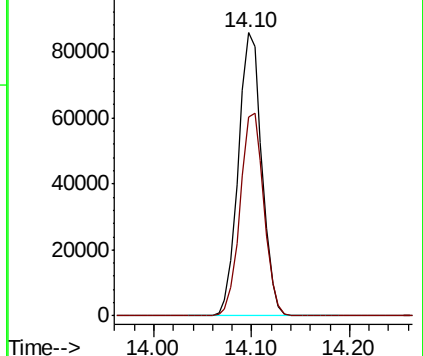
117 100

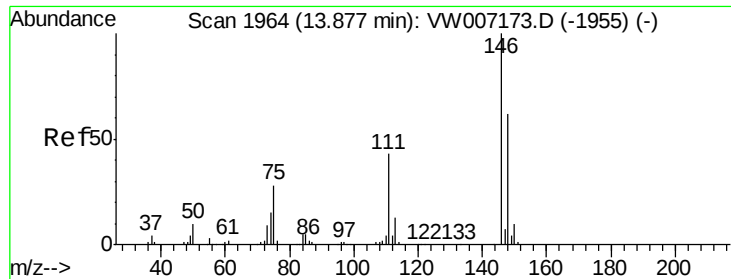
201 72.1 36.5 109.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 148.181 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

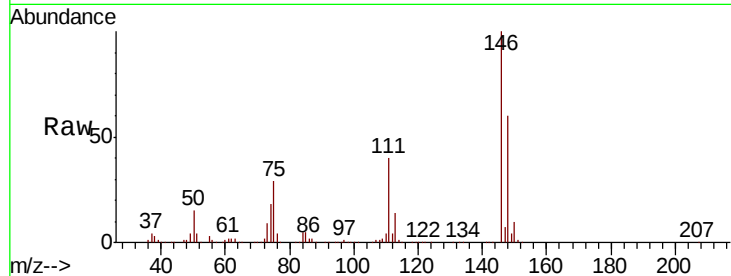
Tgt Ion:146 Resp: 366875

Ion Ratio Lower Upper

146 100

111 41.5 21.9 65.7

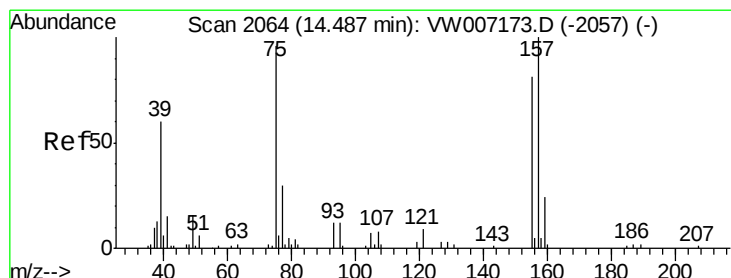
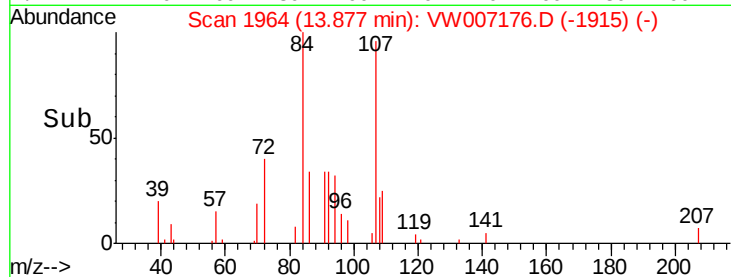
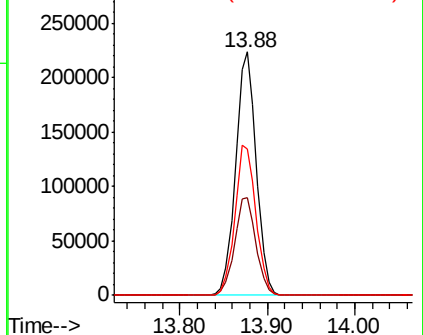
148 63.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 173.150 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW007176.D

Acq: 04 Dec 2018 02:35

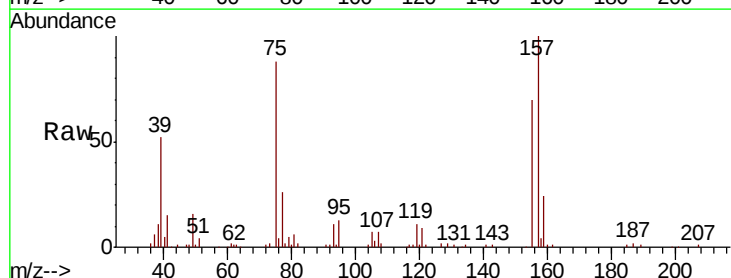
Tgt Ion: 75 Resp: 25777

Ion Ratio Lower Upper

75 100

155 81.9 42.6 127.8

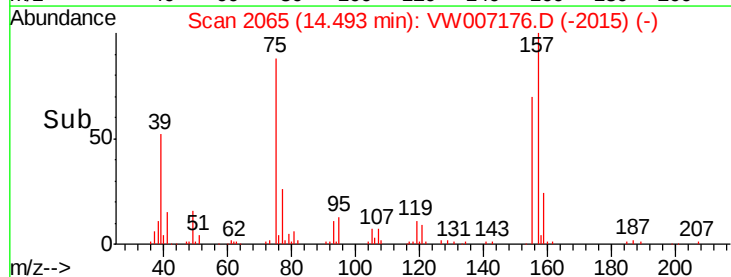
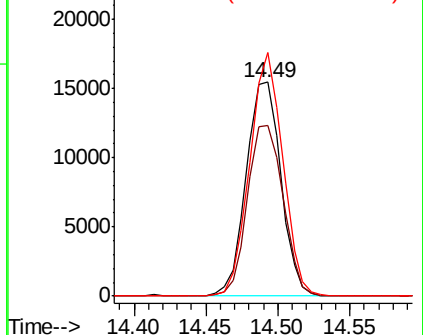
157 108.0 53.6 160.8

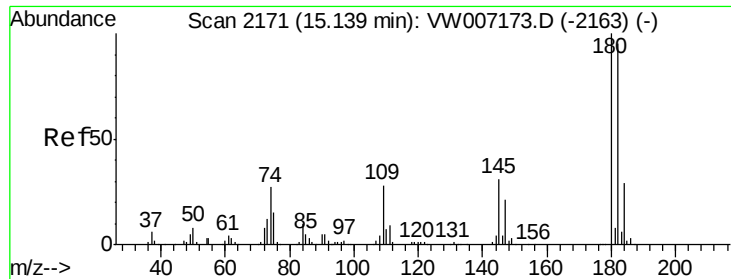


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

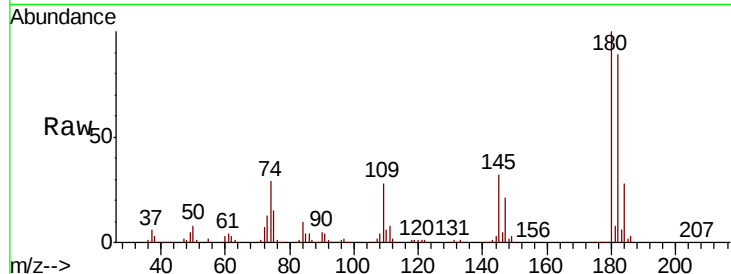




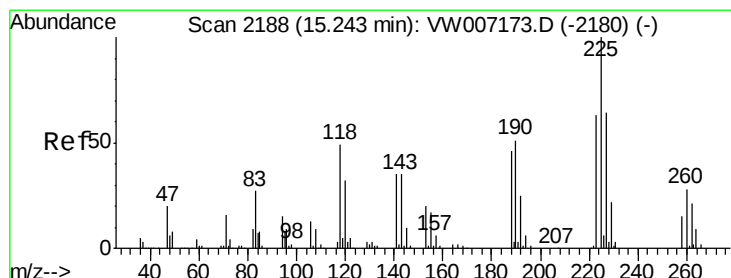
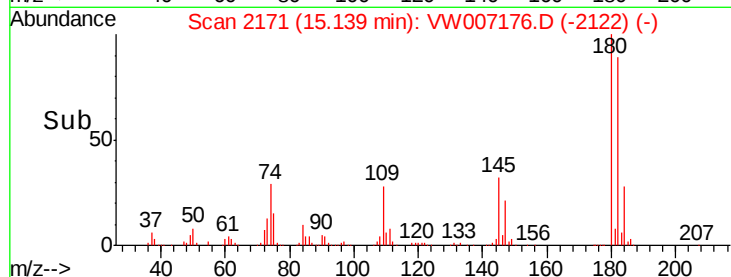
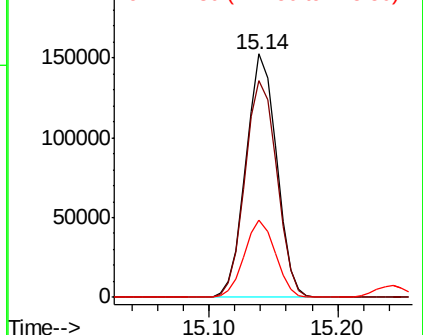
#93
 1,2,4-Trichlorobenzene
 Concen: 152.716 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 251103
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.1 141.4
 145 32.2 16.1 48.3

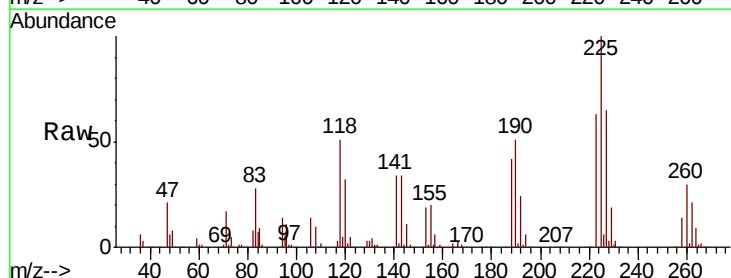


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

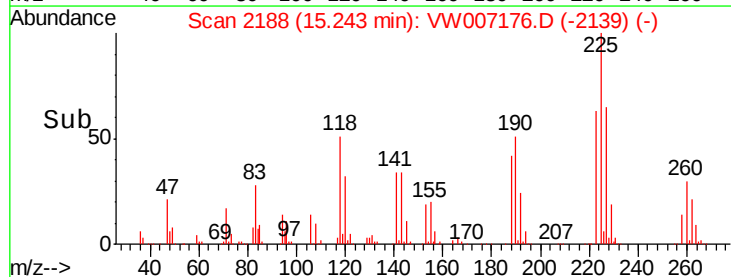
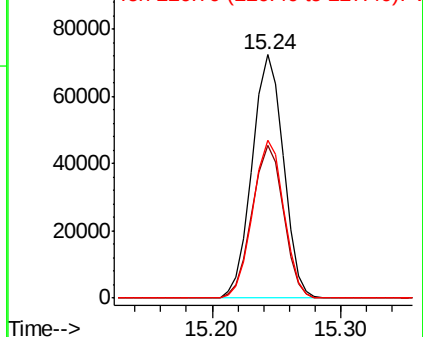


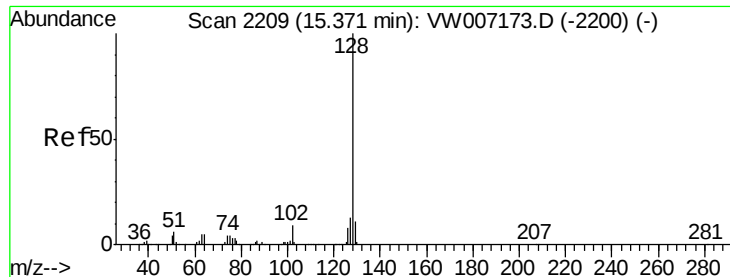
#94
 Hexachlorobutadiene
 Concen: 137.935 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007176.D
 Acq: 04 Dec 2018 02:35

Tgt Ion:225 Resp: 121612
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 64.3 32.3 96.8



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

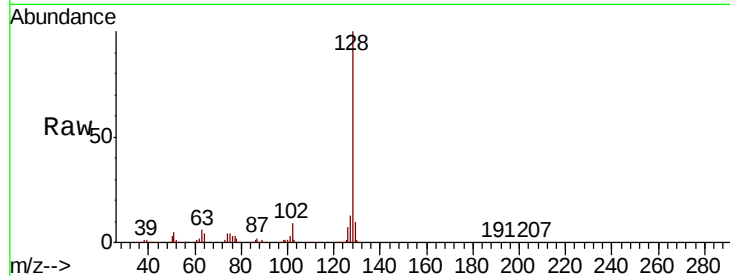




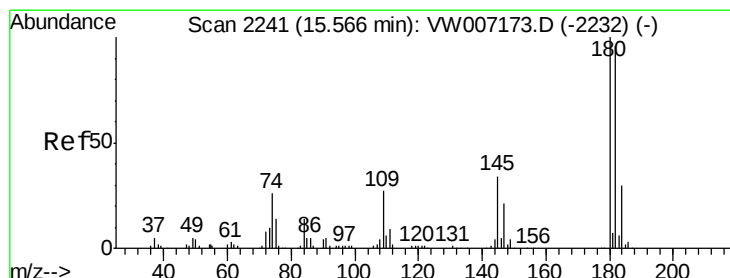
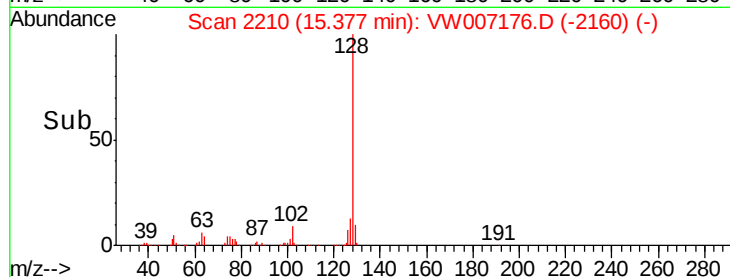
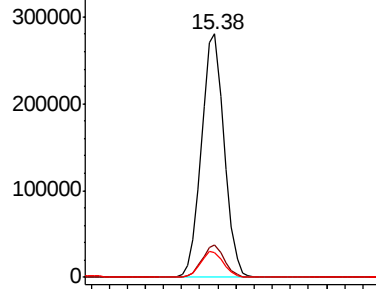
#95
Naphthalene
Concen: 162.445 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.6	12.8

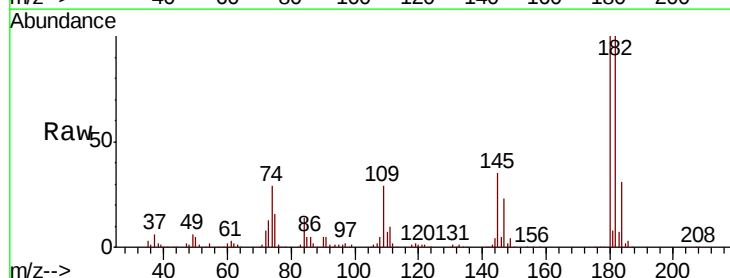


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 152.694 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007176.D
Acq: 04 Dec 2018 02:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.8
145	35.6	17.5	52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

