

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV101518\
 Data File : VW006066.D
 Acq On : 15 Oct 2018 18:46
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Oct 16 04:24:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	426107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	223583	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171719	61.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.40%	
35) Dibromofluoromethane	7.89	113	177997	66.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.48%	
50) Toluene-d8	10.33	98	679964	65.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.98%	
62) 4-Bromofluorobenzene	12.62	95	259871	66.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	114362	78.369	ug/l	98
3) Chloromethane	2.21	50	135113	77.730	ug/l	98
4) Vinyl Chloride	2.37	62	196923	73.041	ug/l	99
5) Bromomethane	2.79	94	173373	80.216	ug/l	97
6) Chloroethane	2.93	64	141419	80.758	ug/l	97
7) Trichlorofluoromethane	3.26	101	188222	85.639	ug/l	99
8) Diethyl Ether	3.68	74	87859	65.670	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	185497	68.977	ug/l	99
10) Methyl Iodide	4.27	142	318258	72.092	ug/l	100
11) Tert butyl alcohol	5.23	59	52709	259.838	ug/l	99
12) 1,1-Dichloroethene	4.03	96	177605	69.130	ug/l	95
13) Acrolein	3.90	56	51095	277.205	ug/l	97
14) Allyl chloride	4.67	41	254068	59.106	ug/l	99
15) Acrylonitrile	5.38	53	168015	300.522	ug/l	100
16) Acetone	4.14	43	147626	268.757	ug/l	99
17) Carbon Disulfide	4.38	76	543843	70.041	ug/l	99
18) Methyl Acetate	4.68	43	87683	62.310	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	263139	65.911	ug/l	98
20) Methylene Chloride	4.92	84	181894	63.812	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	198333	70.621	ug/l	99
22) Diisopropyl ether	6.32	45	508054	62.856	ug/l	99
23) Vinyl Acetate	6.26	43	1492443	302.333	ug/l	100
24) 1,1-Dichloroethane	6.21	63	329287	66.049	ug/l	100
25) 2-Butanone	7.18	43	221479	281.837	ug/l	99
26) 2,2-Dichloropropane	7.17	77	218174	62.566	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	220426	69.538	ug/l	99
28) Bromochloromethane	7.52	49	132194	70.047	ug/l	98
29) Tetrahydrofuran	7.54	42	141578	284.791	ug/l	100
30) Chloroform	7.68	83	357482	69.349	ug/l	97
31) Cyclohexane	7.96	56	301207	61.230	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	321667	69.954	ug/l	100
36) 1,1-Dichloropropene	8.09	75	282565	70.105	ug/l	100
37) Ethyl Acetate	7.26	43	102042	60.905	ug/l	99
38) Carbon Tetrachloride	8.07	117	315192	72.549	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	374134	70.476	ug/l	98
40) Benzene	8.33	78	774548	70.183	ug/l	99
41) Methacrylonitrile	7.49	41	64692	61.215	ug/l	99
42) 1,2-Dichloroethane	8.40	62	229467	68.846	ug/l	99
43) Isopropyl Acetate	8.43	43	213211	61.105	ug/l	99
44) Trichloroethene	9.09	130	237414	73.692	ug/l	98
45) 1,2-Dichloropropane	9.37	63	182337	66.308	ug/l	100
46) Dibromomethane	9.46	93	106158	69.811	ug/l	99
47) Bromodichloromethane	9.65	83	261782	68.661	ug/l	98
48) Methyl methacrylate	9.44	41	102830	61.699	ug/l	99
49) 1,4-Dioxane	9.48	88	31250	1345.921	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	531084	311.107	ug/l	100
52) Toluene	10.39	92	522207	71.747	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	265371	67.167	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	299730	67.223	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	147463	69.817	ug/l	98
56) Ethyl methacrylate	10.65	69	186823	66.571	ug/l	98
57) 1,3-Dichloropropane	10.93	76	243773	68.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	329027	290.624	ug/l	99
59) 2-Hexanone	10.98	43	368369	302.587	ug/l	99
60) Dibromochloromethane	11.13	129	193017	71.099	ug/l	100
61) 1,2-Dibromoethane	11.24	107	150595	71.293	ug/l	99
64) Tetrachloroethene	10.87	164	216691	74.649	ug/l	99
65) Chlorobenzene	11.66	112	597675	72.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	218987	72.106	ug/l	99
67) Ethyl Benzene	11.74	91	1038693	71.239	ug/l	99
68) m/p-Xylenes	11.85	106	826792	144.676	ug/l	99
69) o-Xylene	12.17	106	394495	72.041	ug/l	100
70) Styrene	12.19	104	650148	71.700	ug/l	100
71) Bromoform	12.35	173	126086	70.176	ug/l #	99
73) Isopropylbenzene	12.47	105	1120001	69.485	ug/l	100
74) N-amyl acetate	12.28	43	219719	58.850	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	170622	64.985	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	229373	119.051	ug/l #	100
77) Bromobenzene	12.75	156	272762	71.016	ug/l	99
78) n-propylbenzene	12.81	91	1300188	68.630	ug/l	100
79) 2-Chlorotoluene	12.90	91	738466	68.967	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	942279	69.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	52927	58.327	ug/l	98
82) 4-Chlorotoluene	12.99	91	776181	69.178	ug/l	99
83) tert-Butylbenzene	13.21	119	844360	69.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	952790	69.387	ug/l	100
85) sec-Butylbenzene	13.39	105	1190547	70.007	ug/l	100
86) p-Isopropyltoluene	13.51	119	1077221	70.332	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	544921	71.503	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	534466	70.582	ug/l	99
89) n-Butylbenzene	13.83	91	977957	68.172	ug/l	100
90) Hexachloroethane	14.10	117	188920	66.302	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	481256	70.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29699	61.147	ug/l	98

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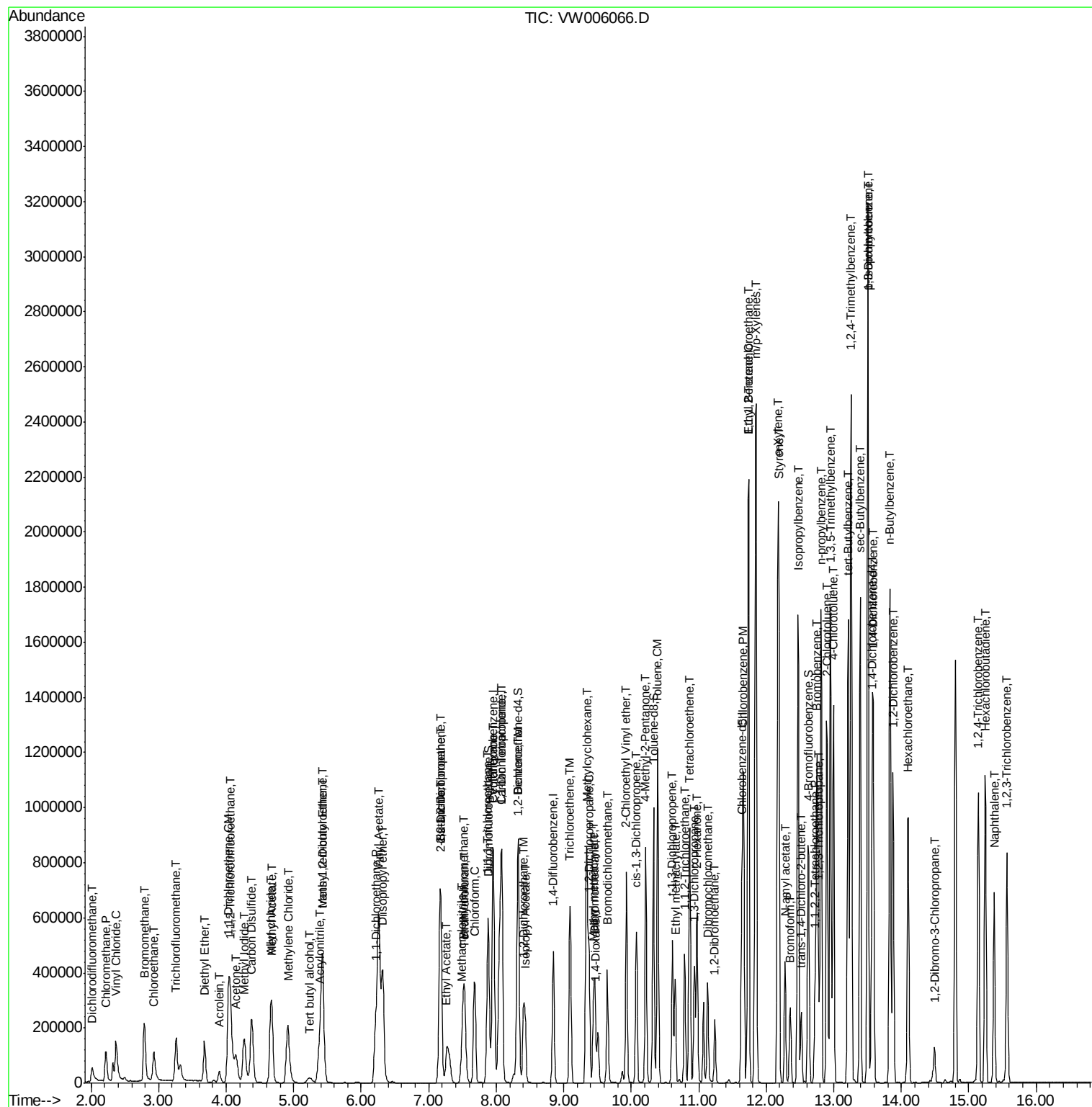
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	359726	68.927	ug/l	99
94) Hexachlorobutadiene	15.24	225	228876	70.222	ug/l	100
95) Naphthalene	15.38	128	605023	67.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	310585	68.704	ug/l	100

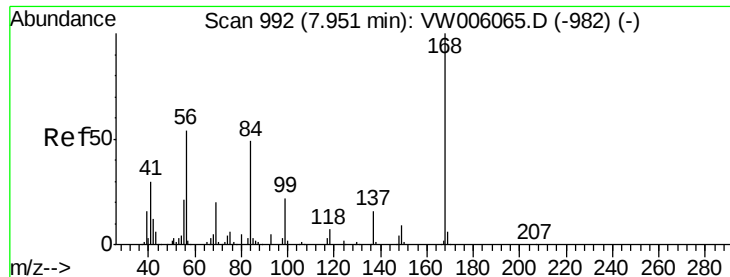
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

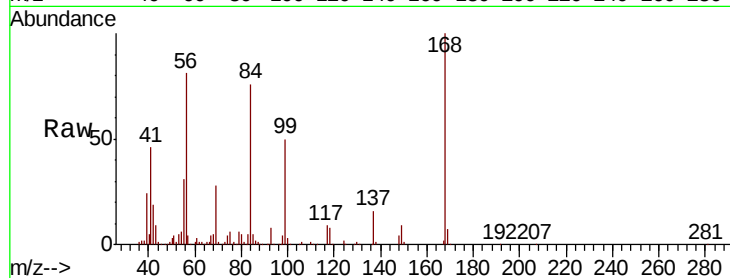
VSTDIC075

Tgt Ion:168 Resp: 295485

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

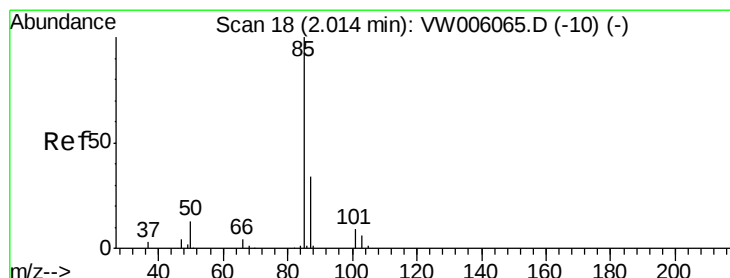
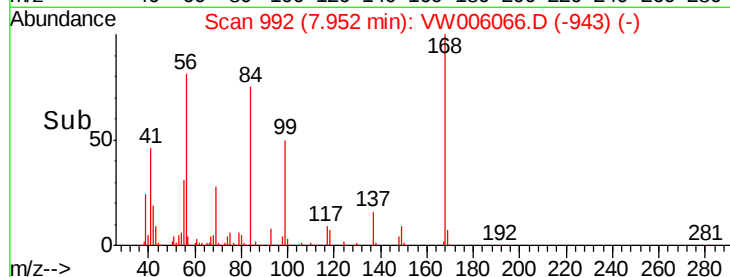
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 78.369 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006066.D

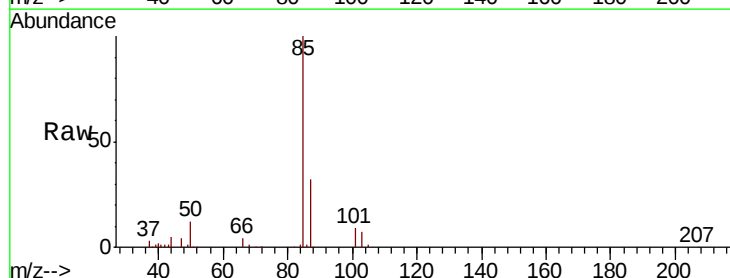
Acq: 15 Oct 2018 18:46

Tgt Ion: 85 Resp: 114362

Ion Ratio Lower Upper

85 100

87 32.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

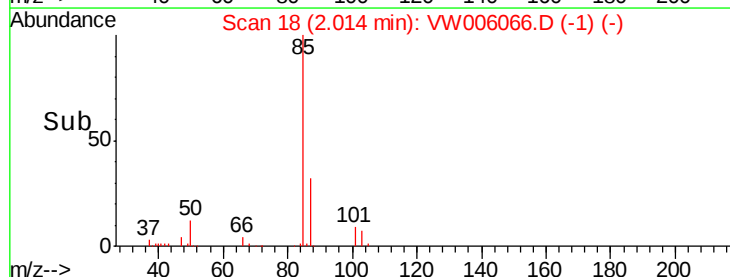
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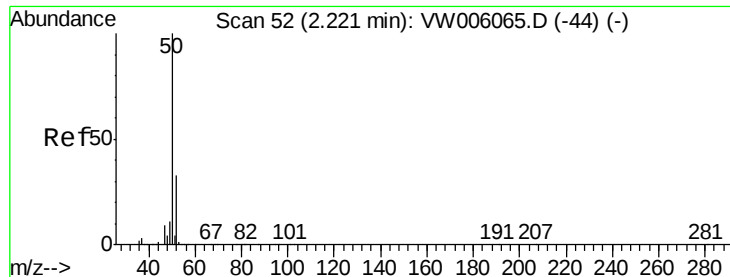
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1.90 2.00 2.10 2.20 2.30

Time-->

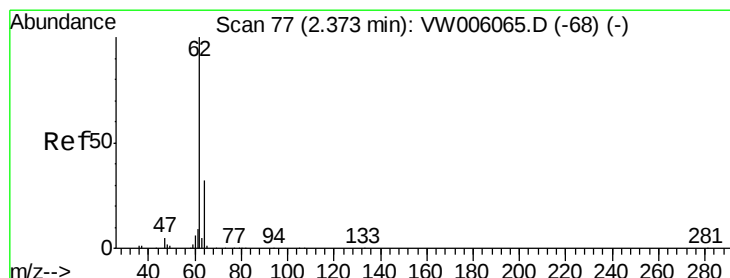
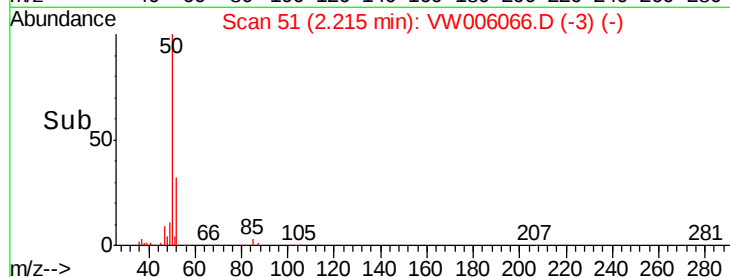
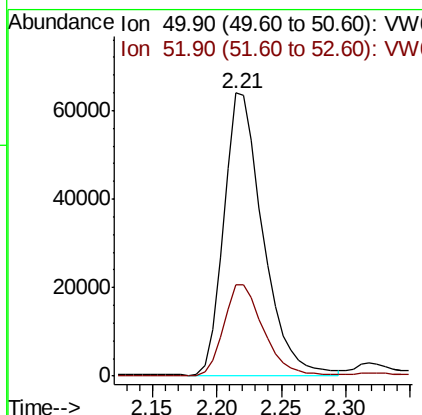
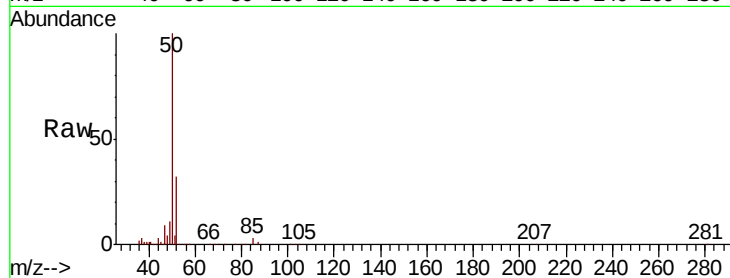




#3
Chloromethane
Concen: 77.730 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.01 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

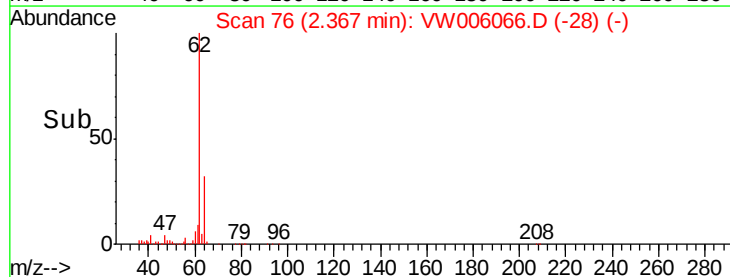
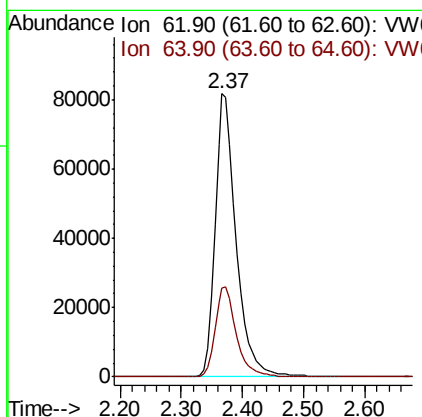
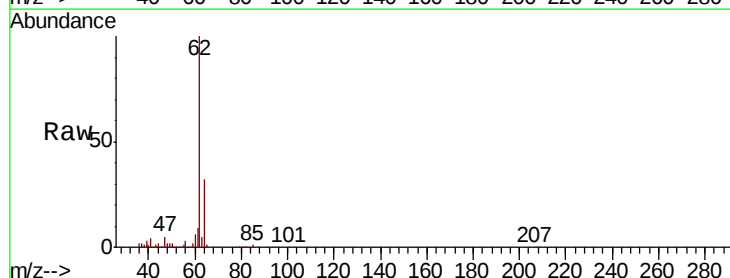
Instrument :
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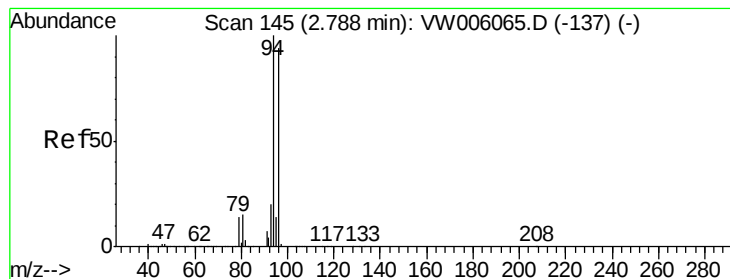
Tgt Ion: 50 Resp: 135113
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2



#4
Vinyl Chloride
Concen: 73.041 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.01 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion: 62 Resp: 196923
Ion Ratio Lower Upper
62 100
64 31.6 25.9 38.9





#5

Bromomethane

Concen: 80.216 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

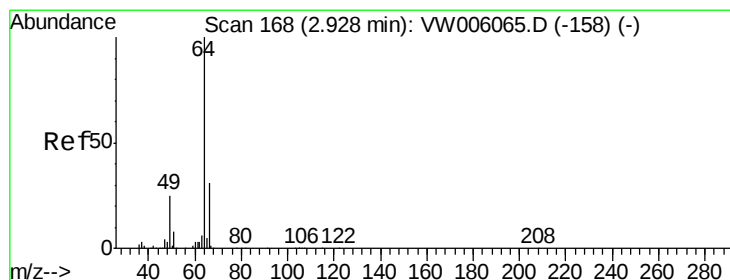
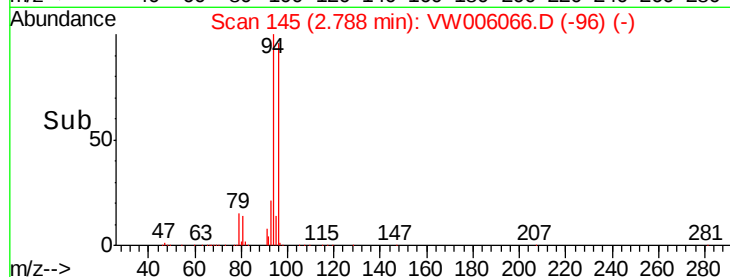
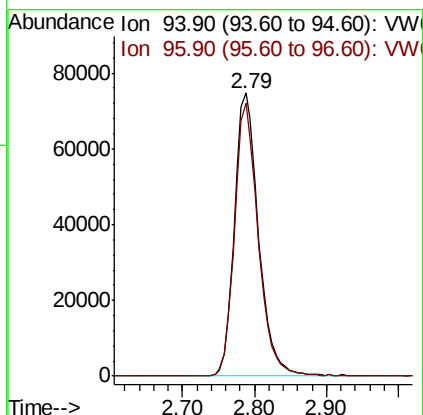
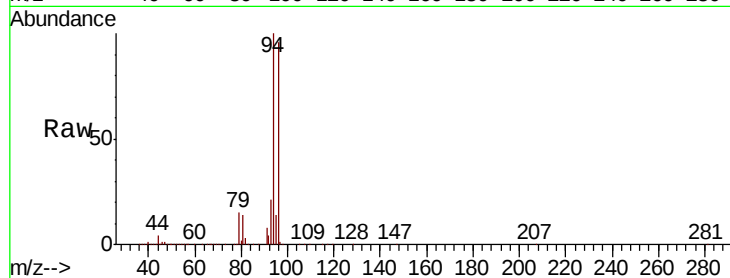
VSTDIC075

Tgt Ion: 94 Resp: 173373

Ion Ratio Lower Upper

94 100

96 96.4 74.9 112.3



#6

Chloroethane

Concen: 80.758 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006066.D

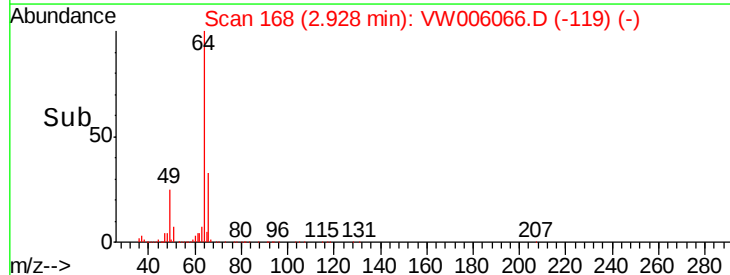
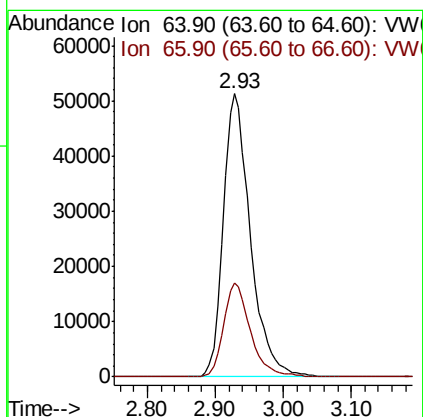
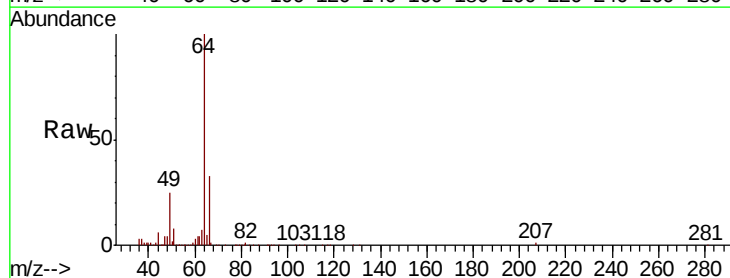
Acq: 15 Oct 2018 18:46

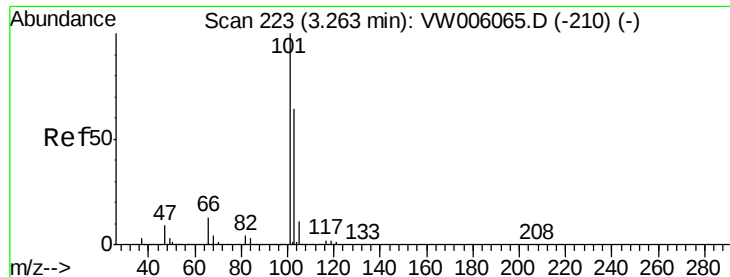
Tgt Ion: 64 Resp: 141419

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



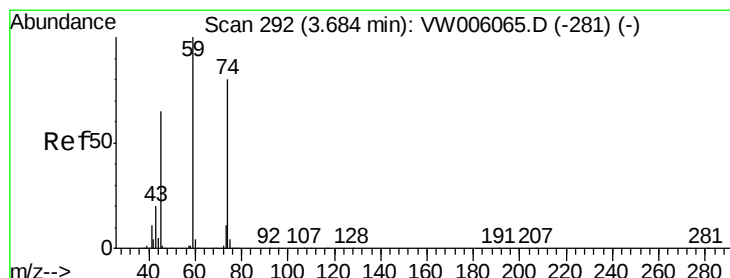
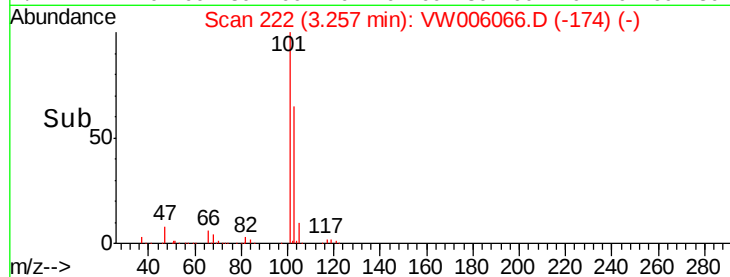
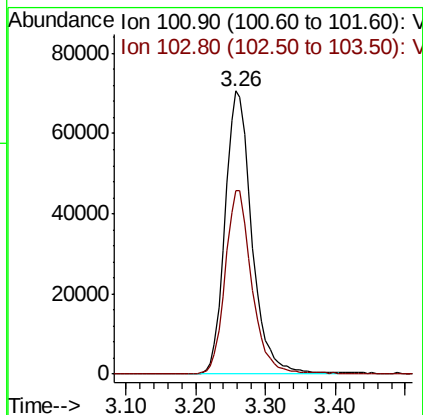
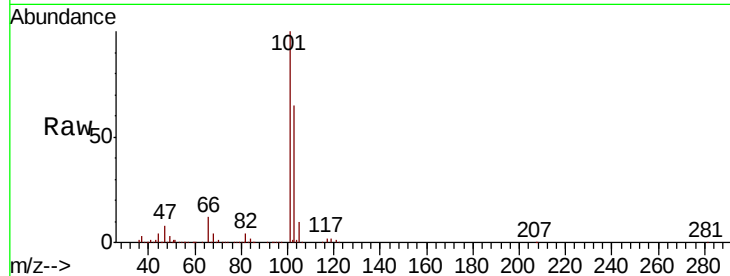


#7

Trichlorofluoromethane
 Concen: 85.639 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

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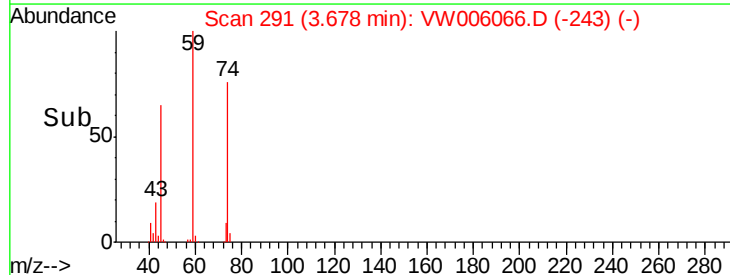
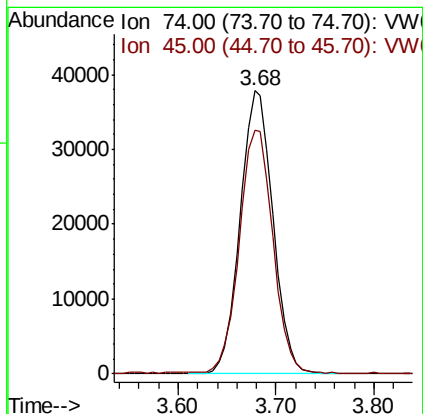
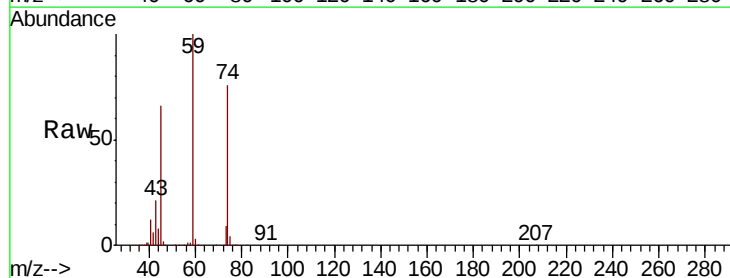
Tgt Ion:101 Resp: 188222
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.2 76.8



#8

Diethyl Ether
 Concen: 65.670 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 74 Resp: 87859
 Ion Ratio Lower Upper
 74 100
 45 87.8 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.977 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

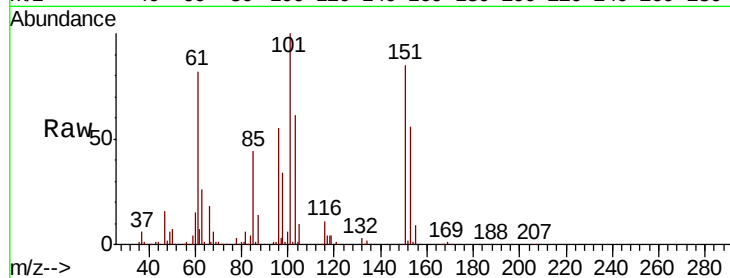
Tgt Ion:101 Resp: 185497

Ion Ratio Lower Upper

101 100

85 44.5 34.9 52.3

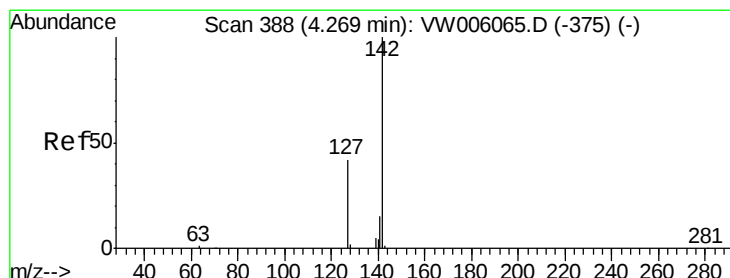
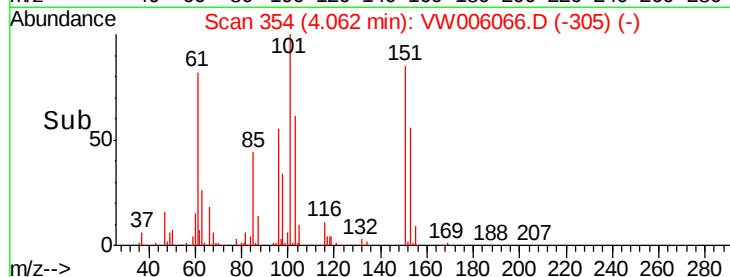
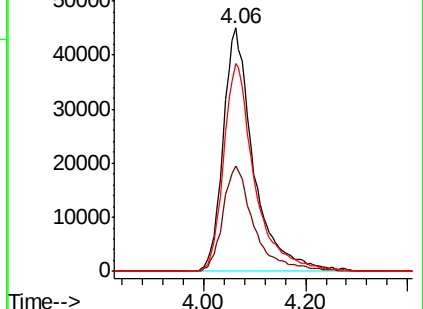
151 87.3 70.4 105.6



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: 72.092 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

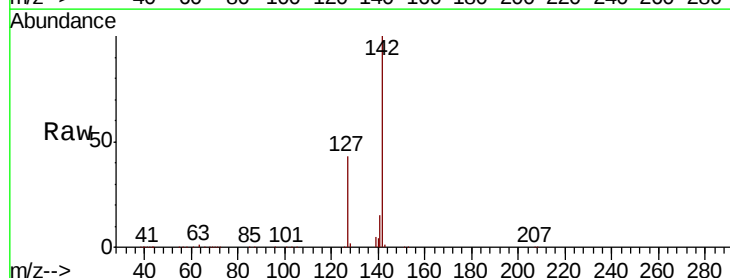
Tgt Ion:142 Resp: 318258

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

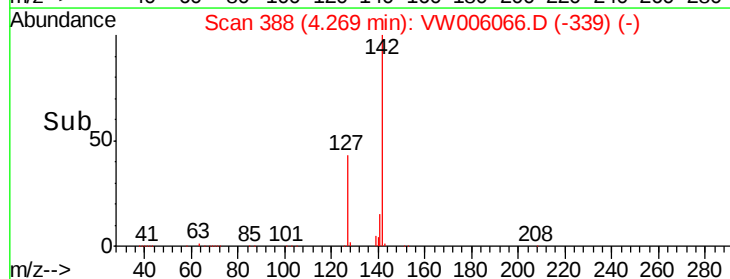
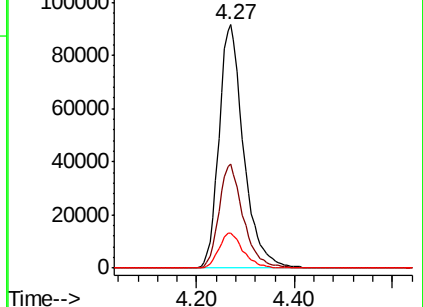
141 14.3 11.6 17.4

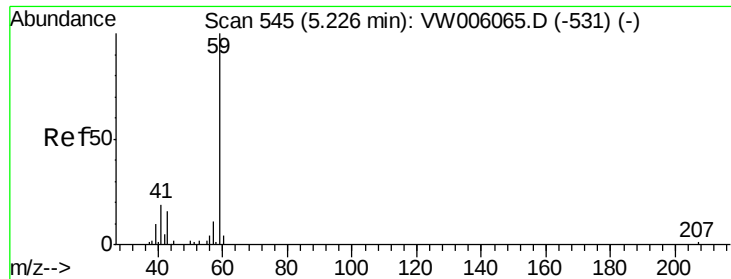


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

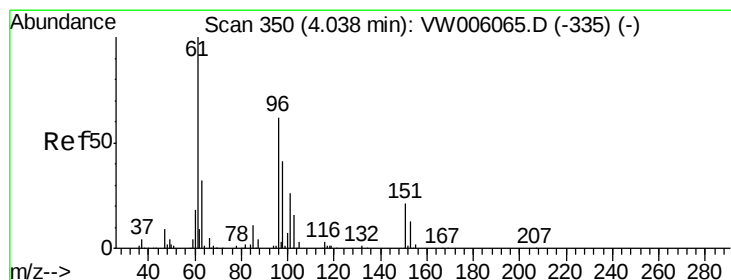
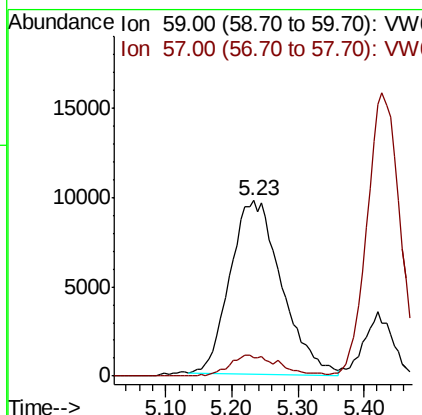
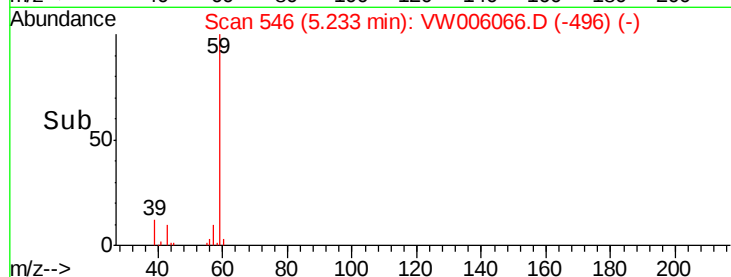
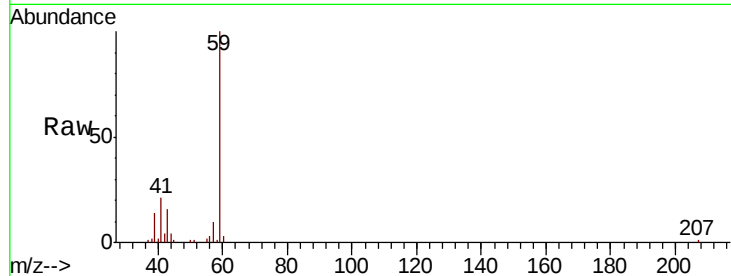




#11
Tert butyl alcohol
Concen: 259.838 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

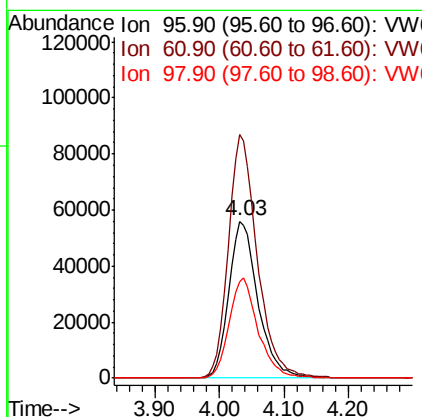
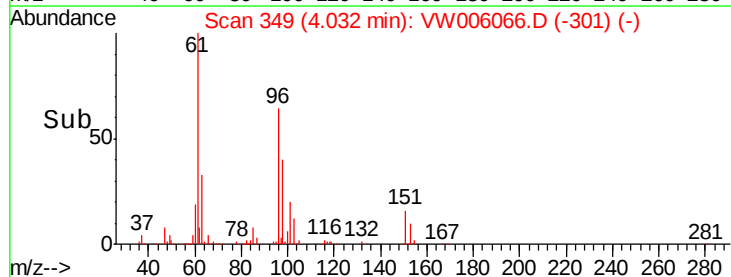
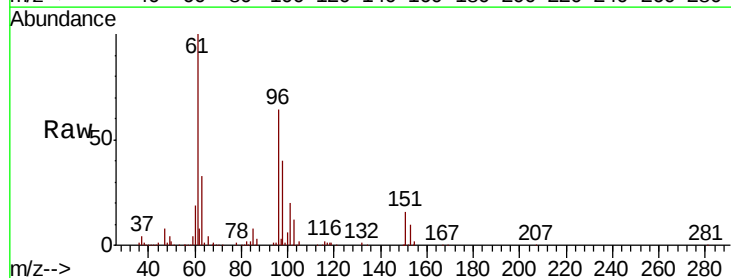
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

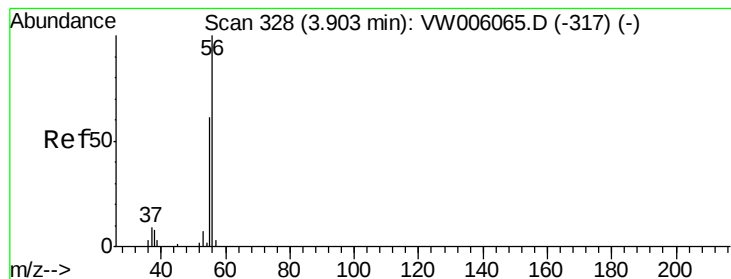
Tgt Ion: 59 Resp: 52709
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 69.130 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion: 96 Resp: 177605
Ion Ratio Lower Upper
96 100
61 155.1 129.3 193.9
98 61.5 53.1 79.7





#13

Acrolein

Concen: 277.205 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

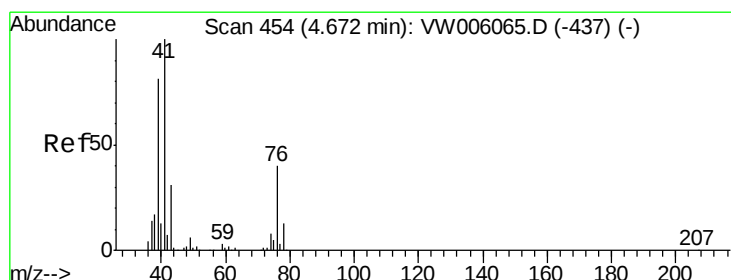
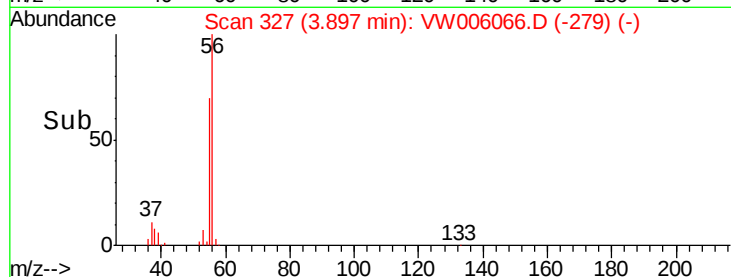
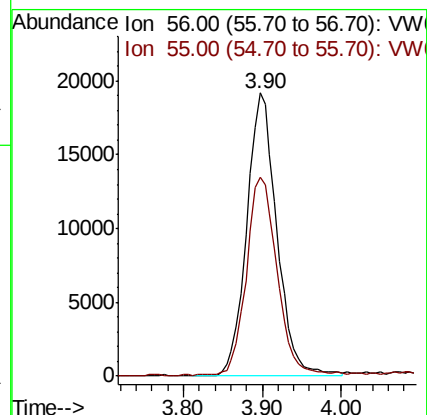
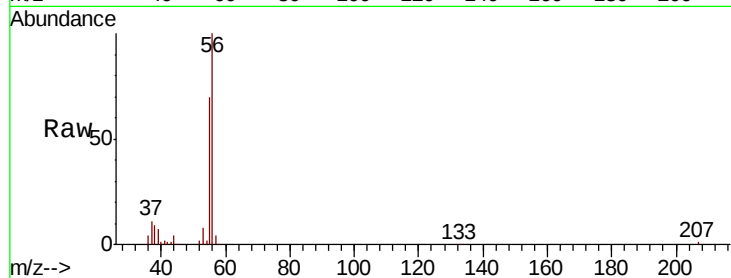
VSTDIC075

Tgt Ion: 56 Resp: 51095

Ion Ratio Lower Upper

56 100

55 70.6 54.5 81.7



#14

Allyl chloride

Concen: 59.106 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

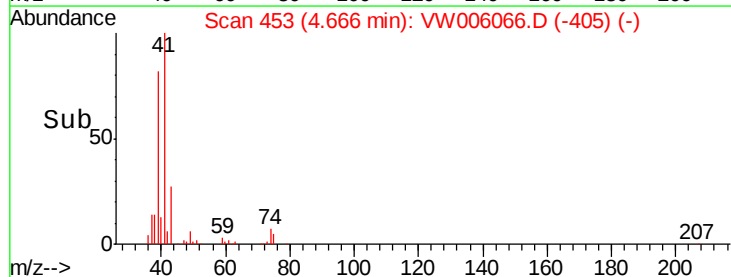
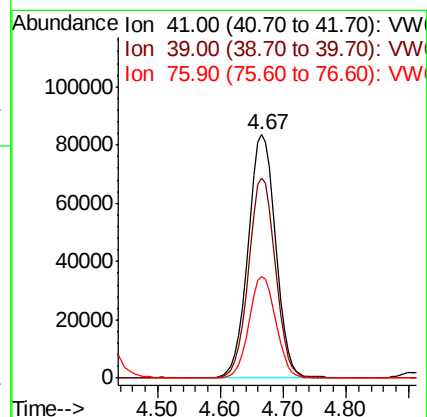
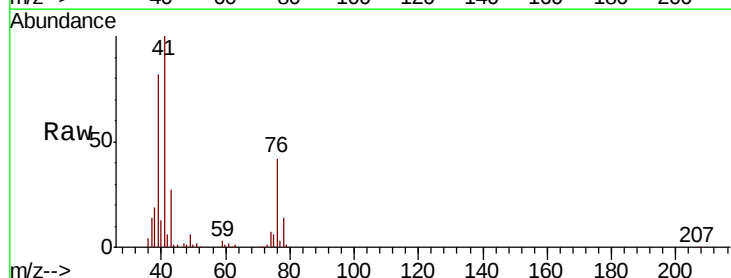
Tgt Ion: 41 Resp: 254068

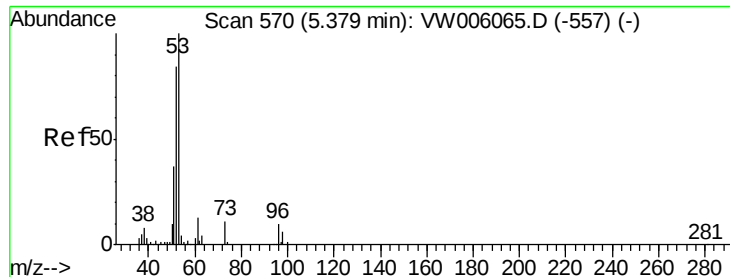
Ion Ratio Lower Upper

41 100

39 80.6 64.1 96.1

76 40.8 32.2 48.4





#15

Acrylonitrile

Concen: 300.522 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

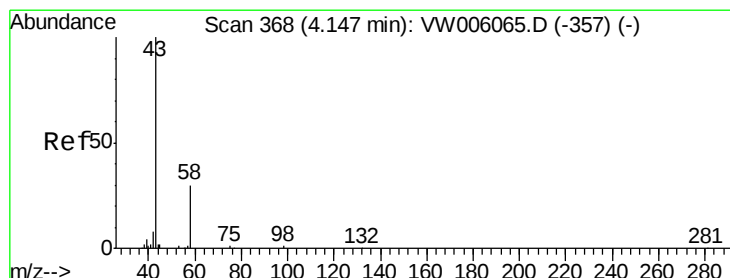
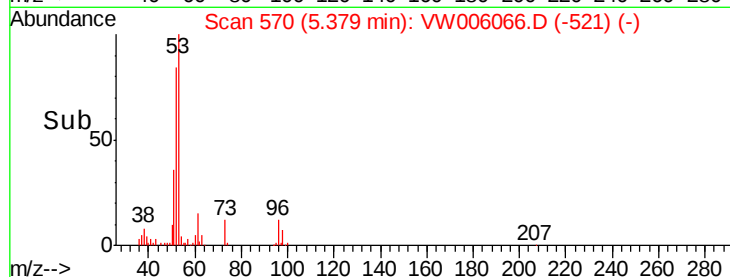
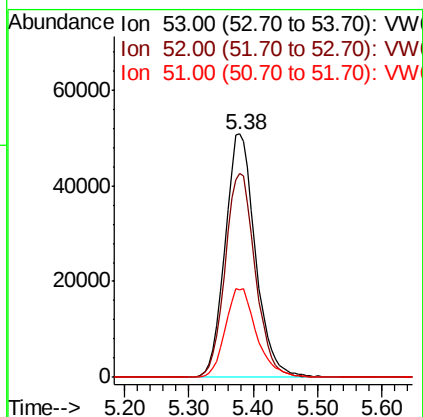
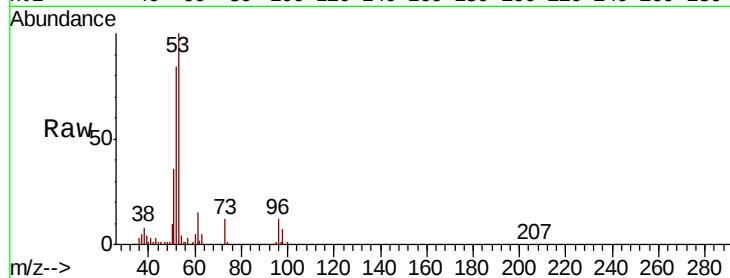
Tgt Ion: 53 Resp: 168015

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

51 37.7 30.1 45.1



#16

Acetone

Concen: 268.757 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006066.D

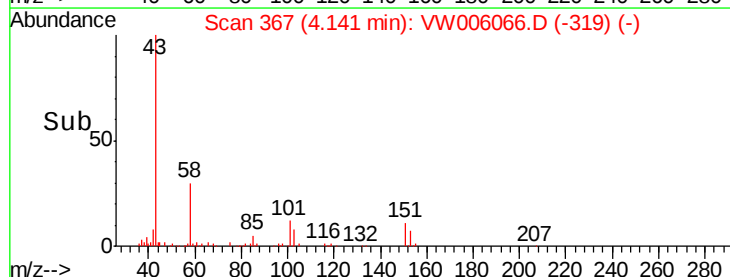
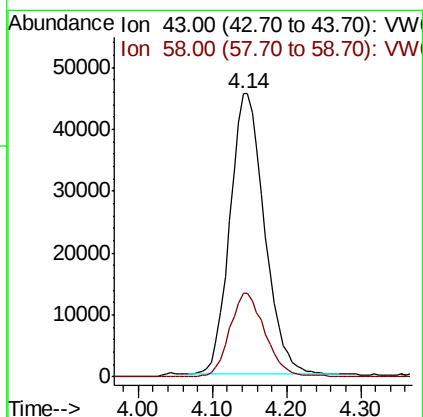
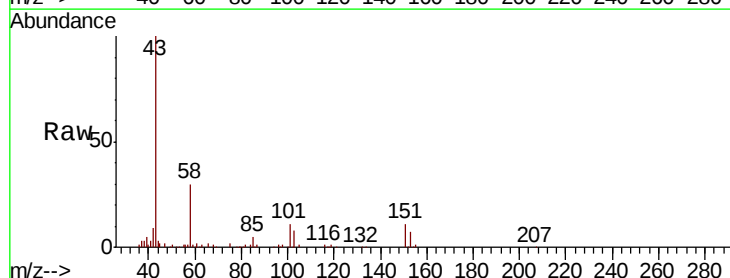
Acq: 15 Oct 2018 18:46

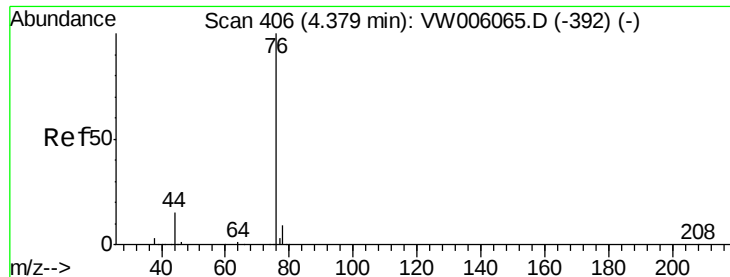
Tgt Ion: 43 Resp: 147626

Ion Ratio Lower Upper

43 100

58 29.6 24.0 36.0

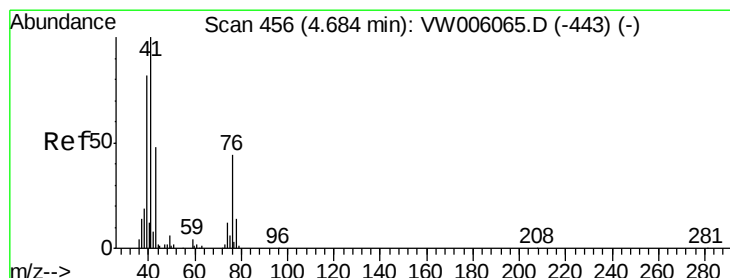
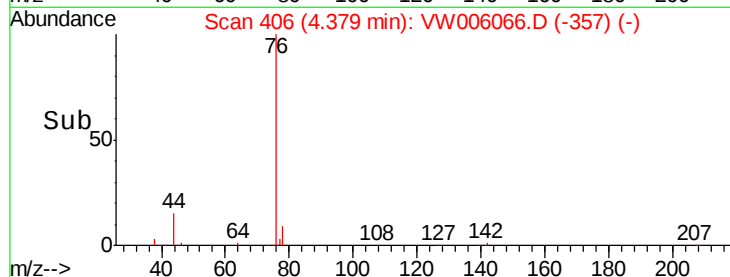
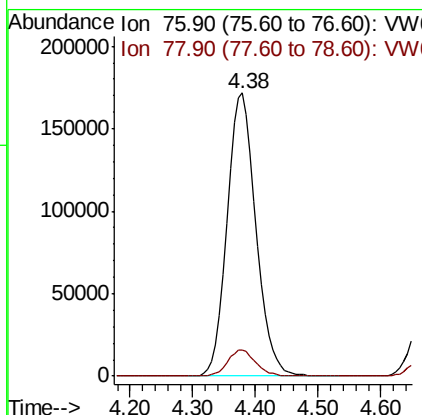
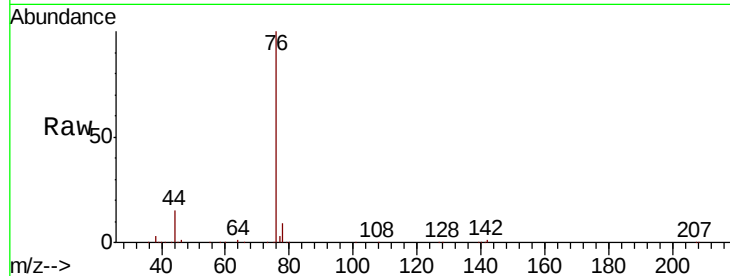




#17
Carbon Disulfide
Concen: 70.041 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

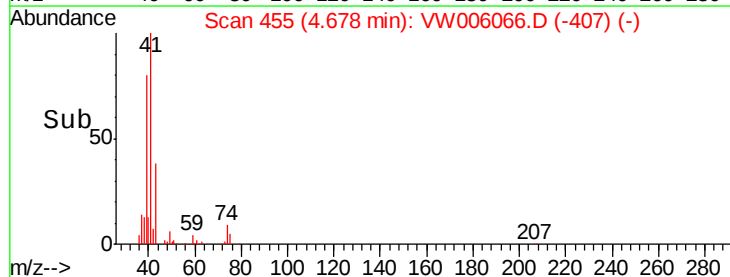
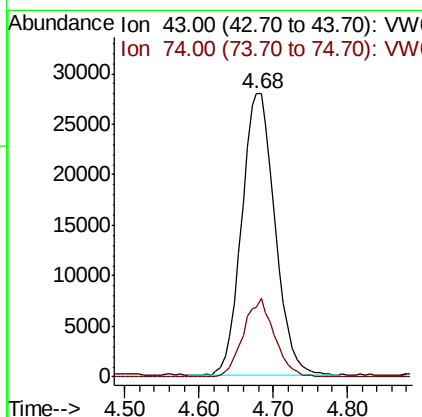
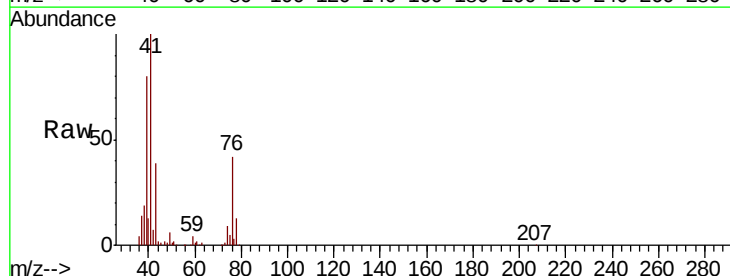
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 76 Resp: 543843
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 62.310 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion: 43 Resp: 87683
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7



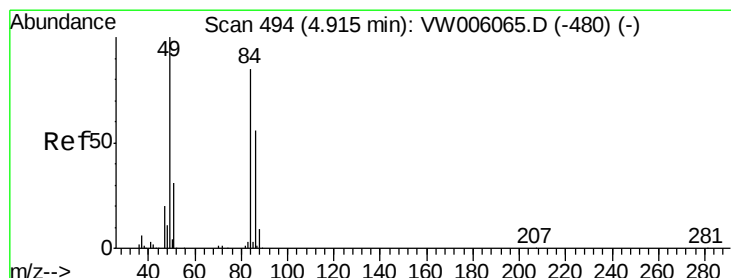
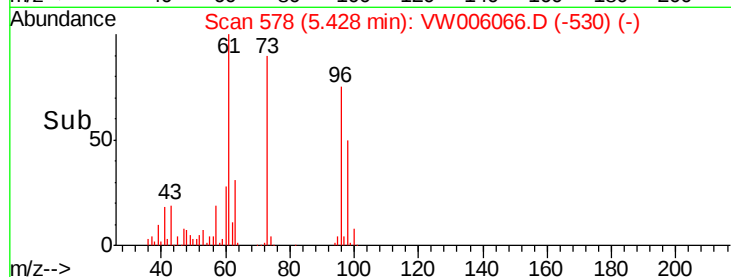
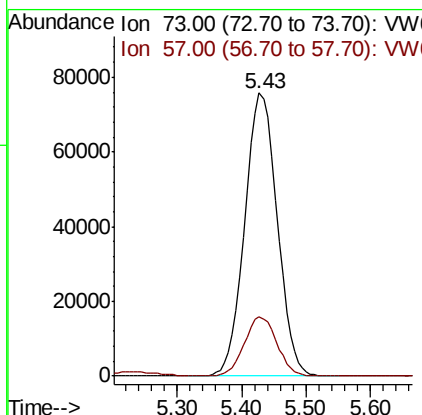
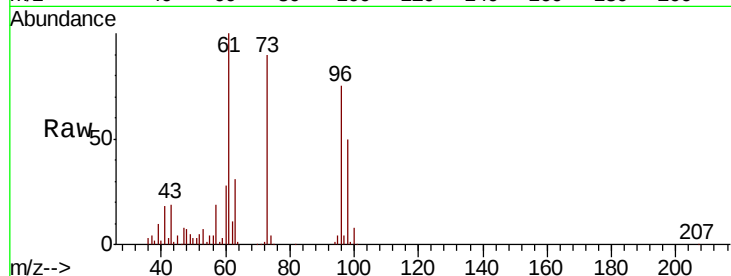


#19

Methyl tert-butyl Ether
 Concen: 65.911 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

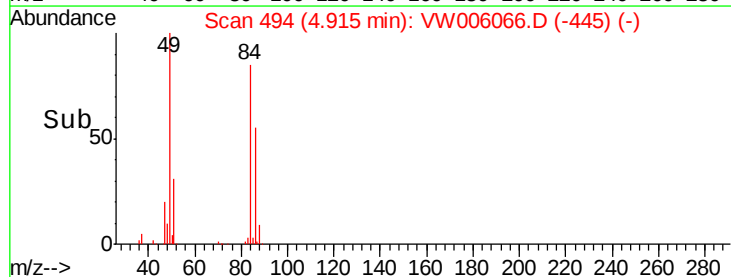
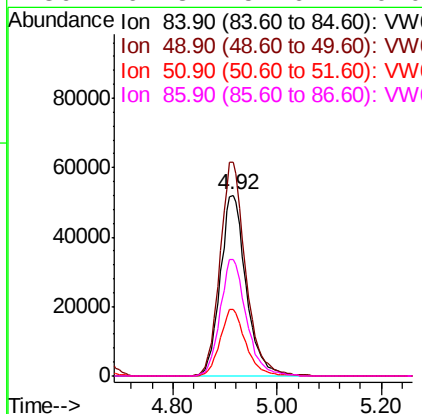
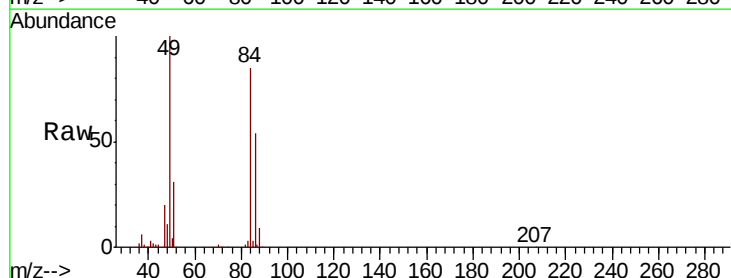
Tgt Ion: 73 Resp: 263139
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.4 26.2

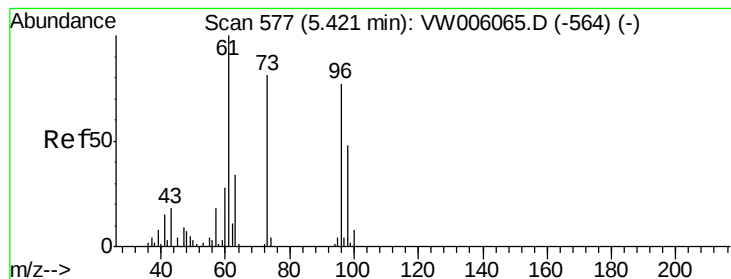


#20

Methylene Chloride
 Concen: 63.812 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 84 Resp: 181894
 Ion Ratio Lower Upper
 84 100
 49 118.1 93.6 140.4
 51 36.6 29.0 43.4
 86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 70.621 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

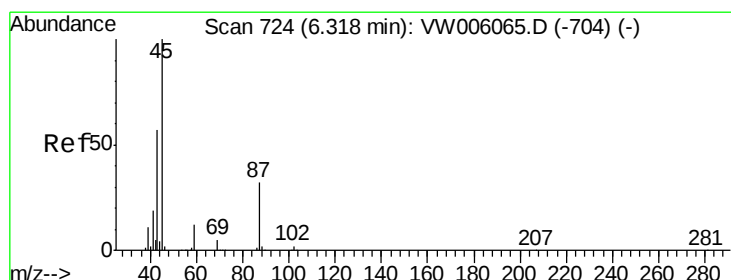
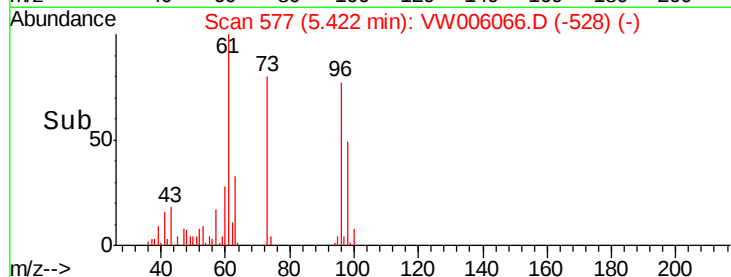
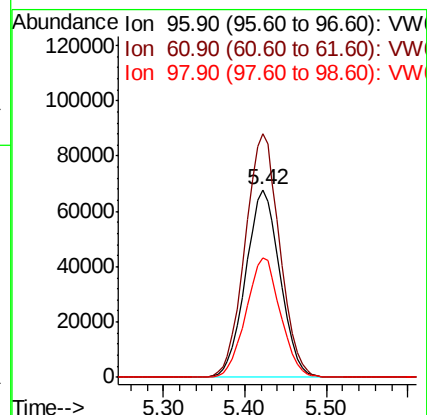
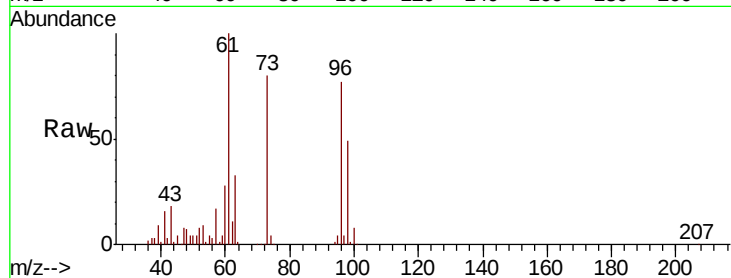
Tgt Ion: 96 Resp: 198333

Ion Ratio Lower Upper

96 100

61 129.8 104.5 156.7

98 63.8 50.6 75.8



#22

Diisopropyl ether

Concen: 62.856 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Tgt Ion: 45 Resp: 508054

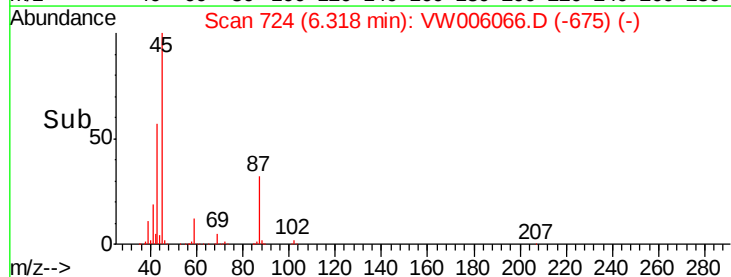
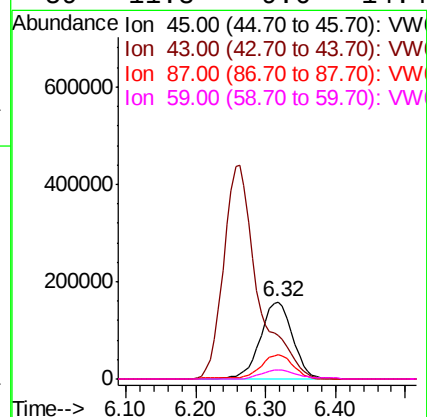
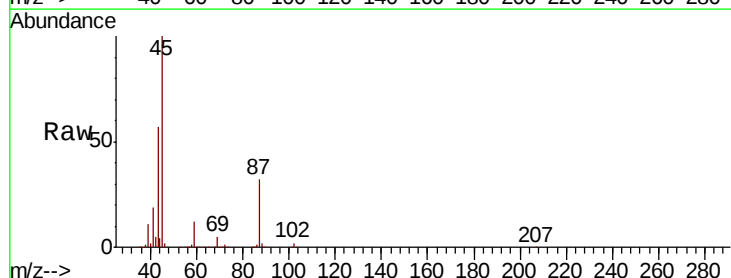
Ion Ratio Lower Upper

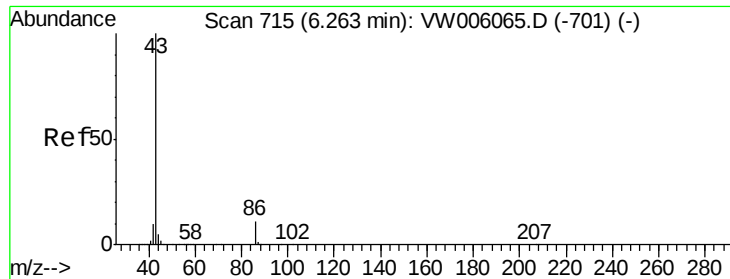
45 100

43 56.6 45.7 68.5

87 31.6 25.9 38.9

59 11.8 9.6 14.4

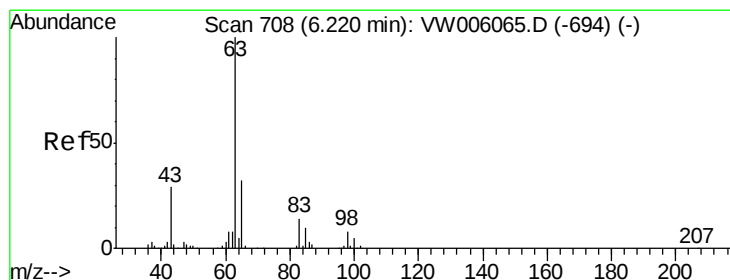
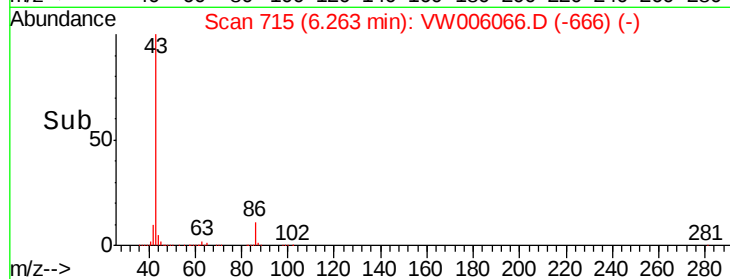
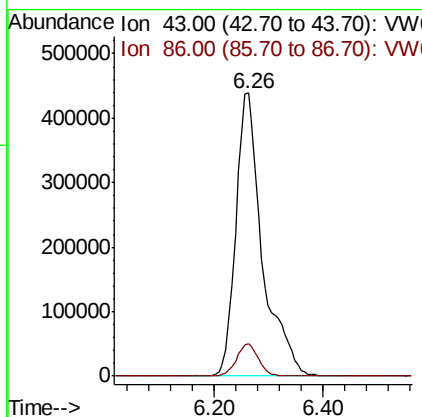
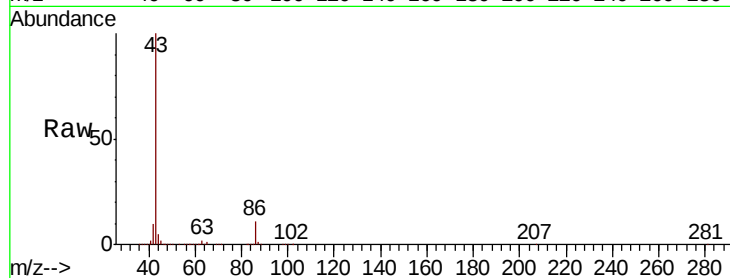




#23
 Vinyl Acetate
 Concen: 302.333 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

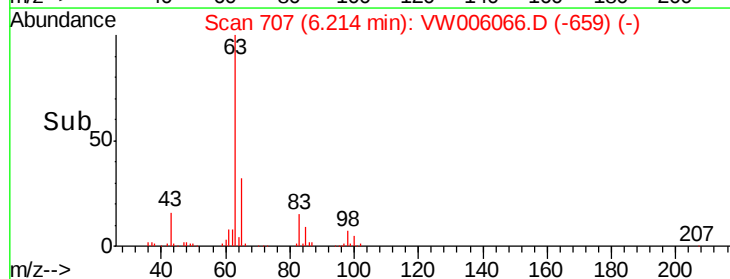
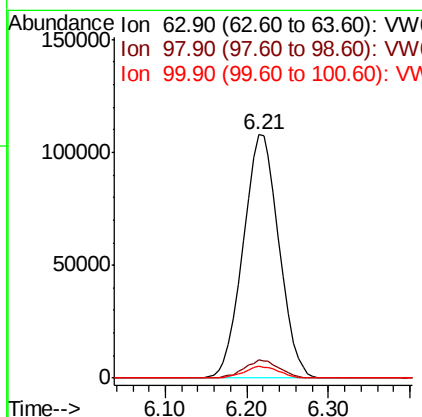
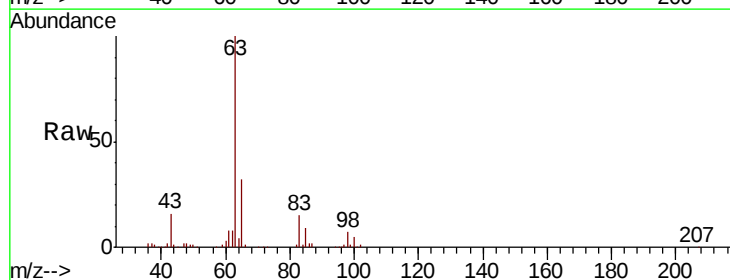
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 1492443
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 66.049 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 63 Resp: 329287
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 281.837 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

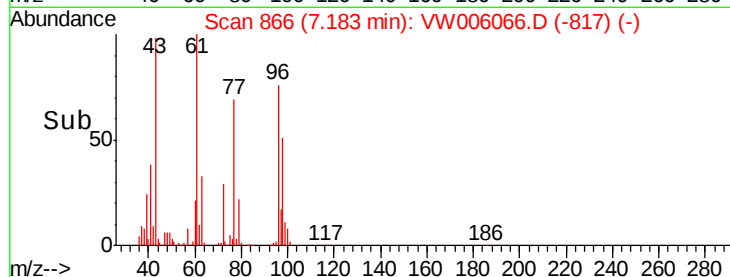
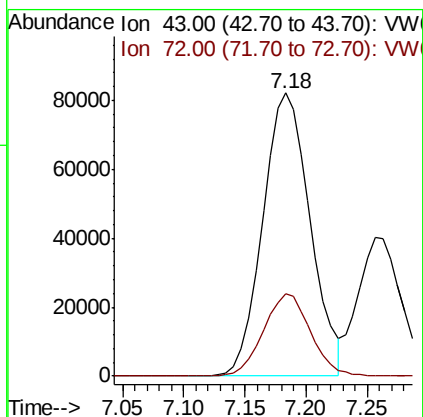
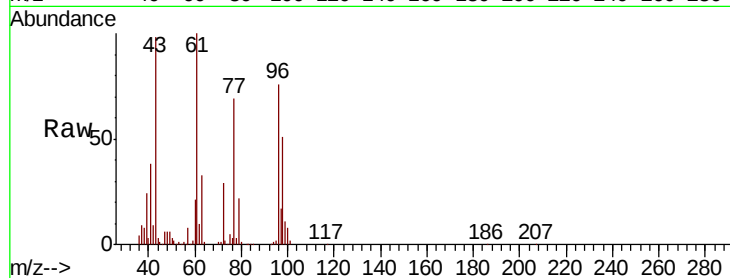
VSTDIC075

Tgt Ion: 43 Resp: 221479

Ion Ratio Lower Upper

43 100

72 29.2 22.8 34.2



#26

2,2-Dichloropropane

Concen: 62.566 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006066.D

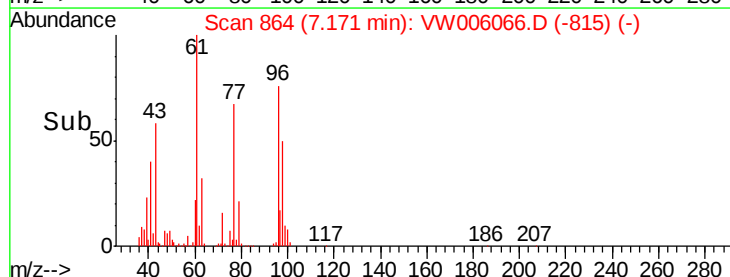
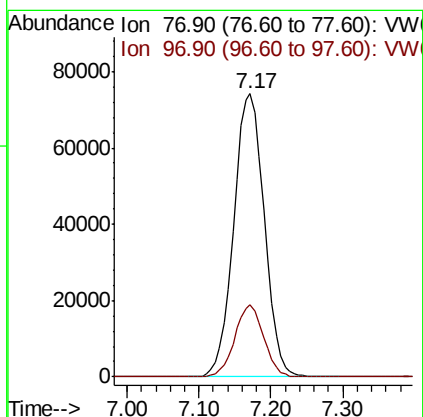
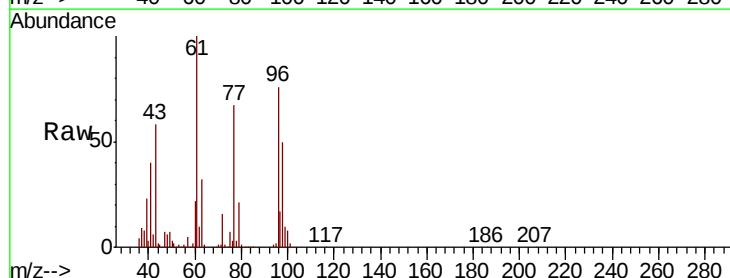
Acq: 15 Oct 2018 18:46

Tgt Ion: 77 Resp: 218174

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.4



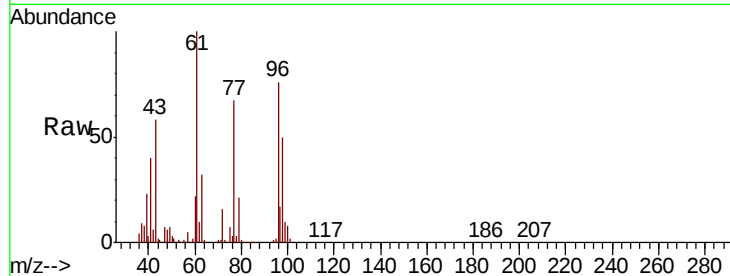


#27

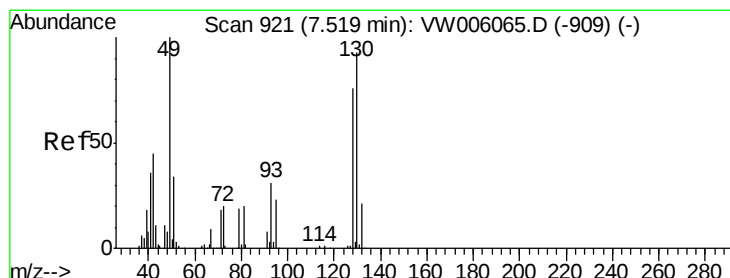
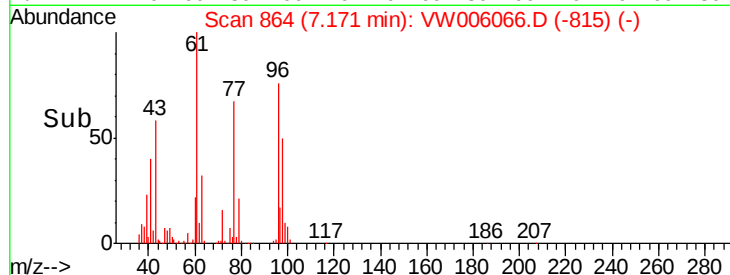
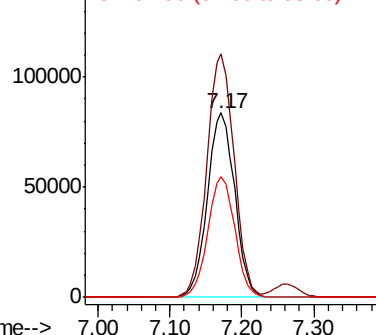
cis-1,2-Dichloroethene
 Concen: 69.538 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	267.2
98	64.5	0.0	128.6



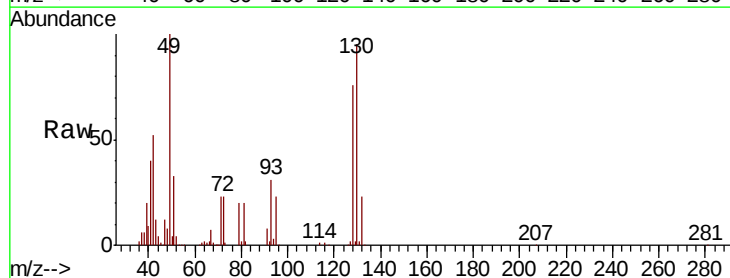
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



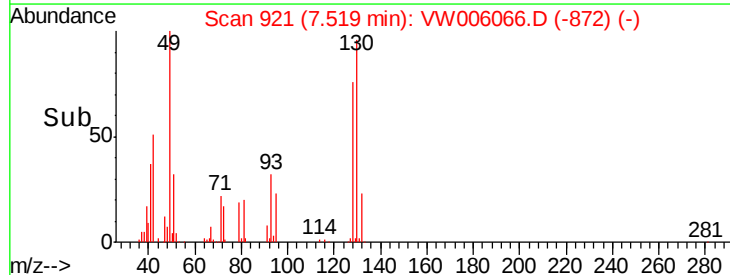
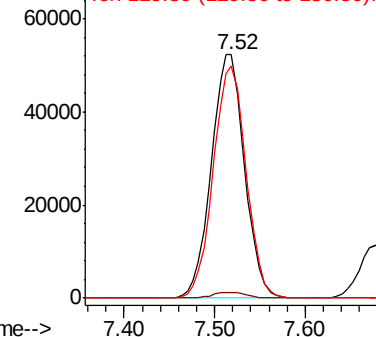
#28

Bromochloromethane
 Concen: 70.047 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	94.3	73.8	110.8



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: 284.791 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

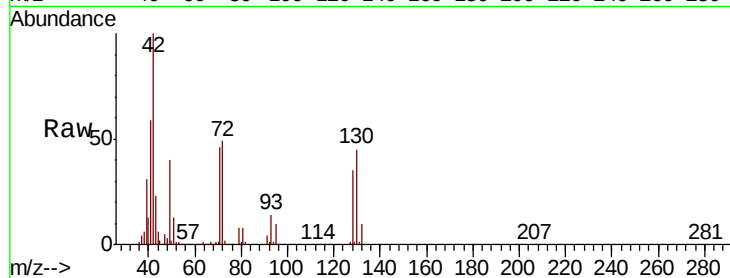
Tgt Ion: 42 Resp: 141578

Ion Ratio Lower Upper

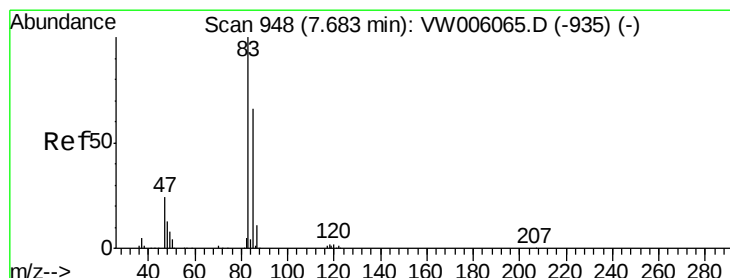
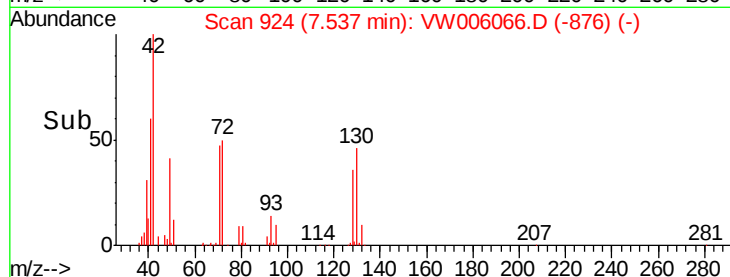
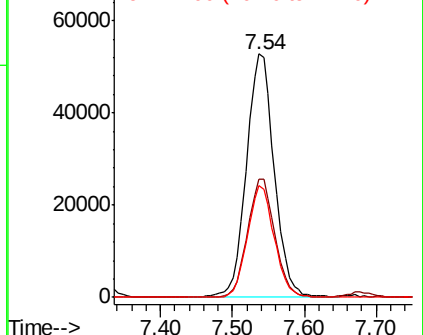
42 100

72 47.6 38.0 57.0

71 44.1 35.3 52.9



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: 69.349 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006066.D

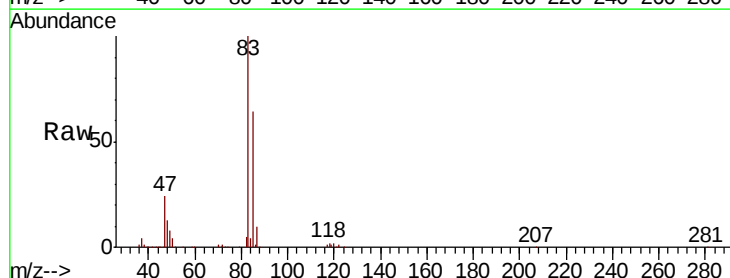
Acq: 15 Oct 2018 18:46

Tgt Ion: 83 Resp: 357482

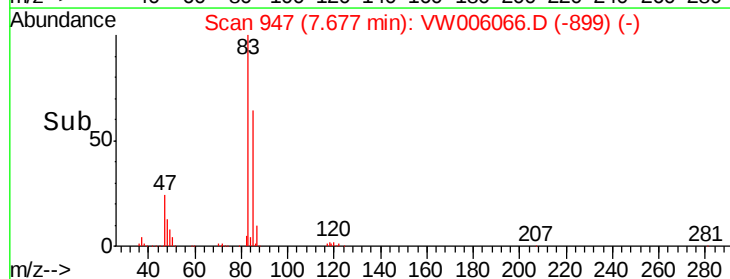
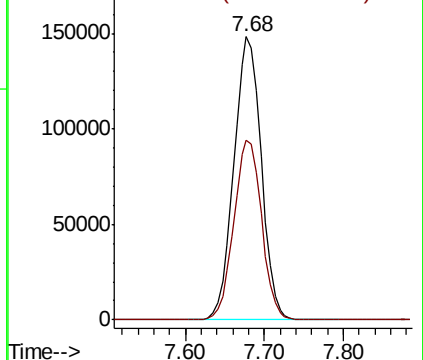
Ion Ratio Lower Upper

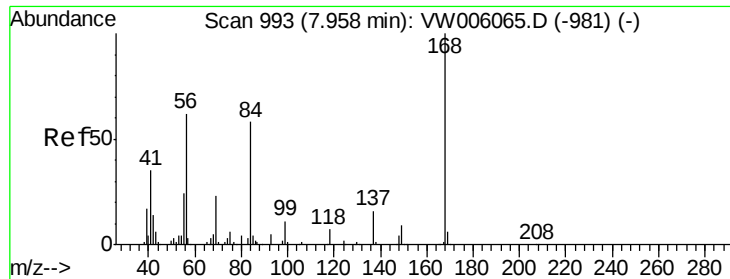
83 100

85 63.7 52.6 79.0



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

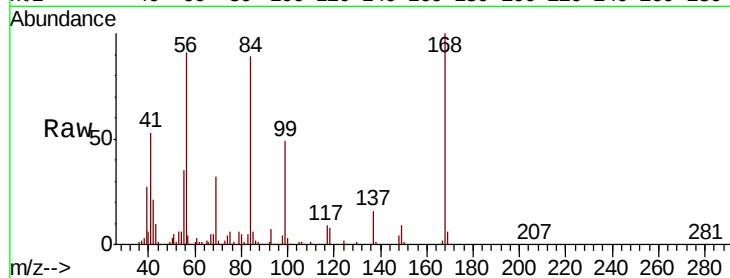




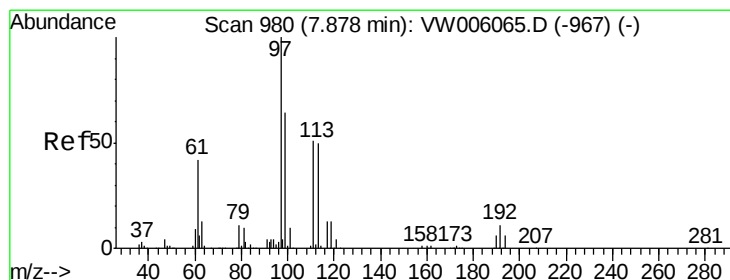
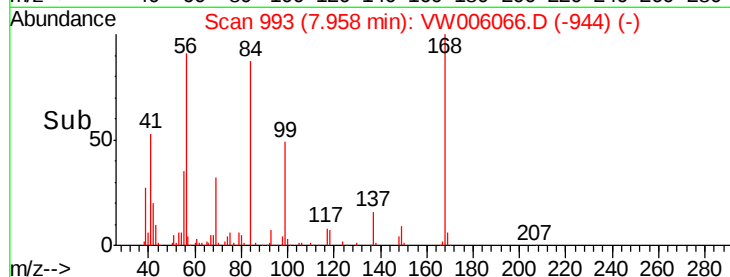
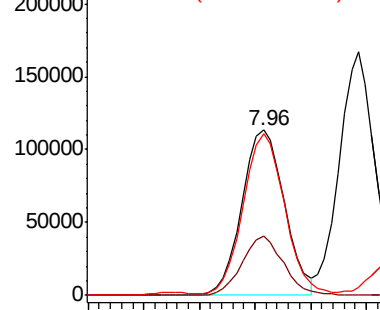
#31
Cyclohexane
Concen: 61.230 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 301207
Ion Ratio Lower Upper
56 100
69 35.7 29.4 44.0
84 96.7 74.0 111.0

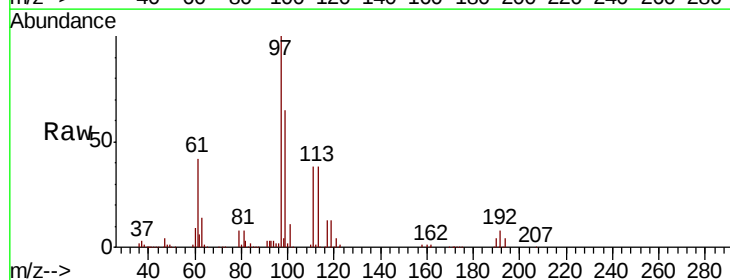


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

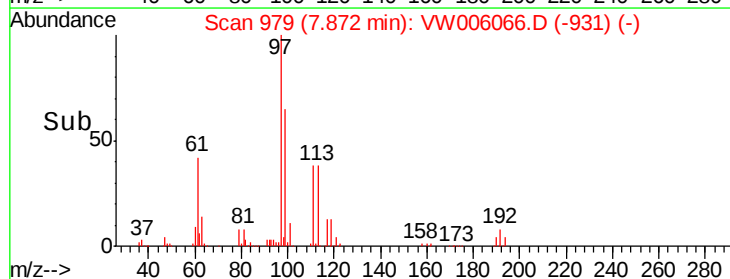
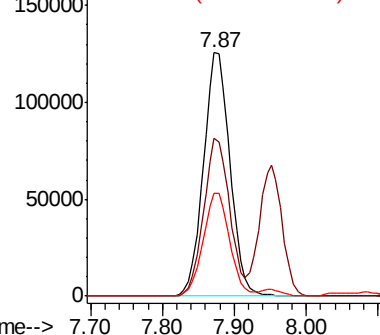


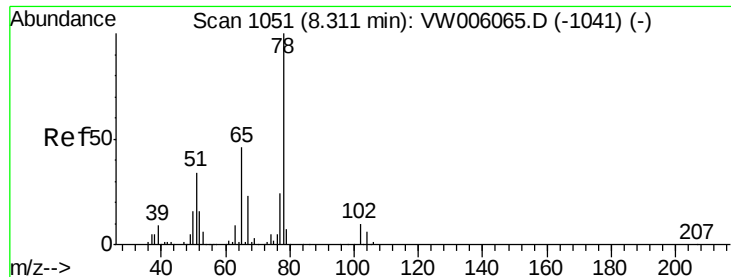
#32
1,1,1-Trichloroethane
Concen: 69.954 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion: 97 Resp: 321667
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 42.2 33.7 50.5



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

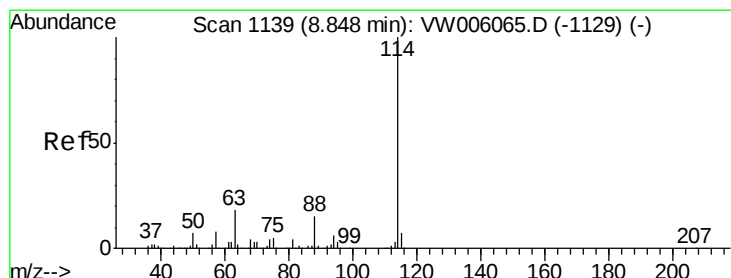
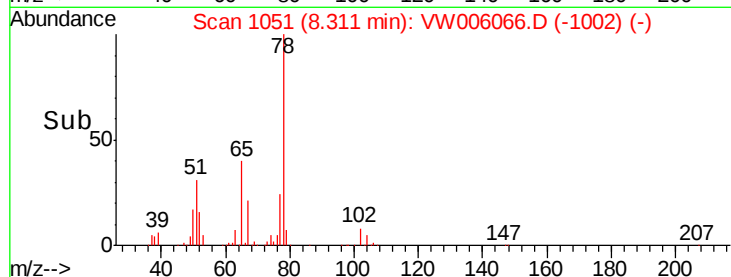
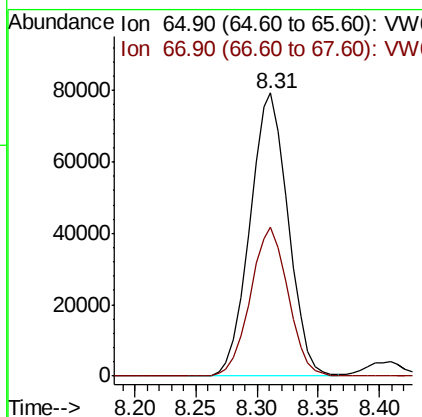
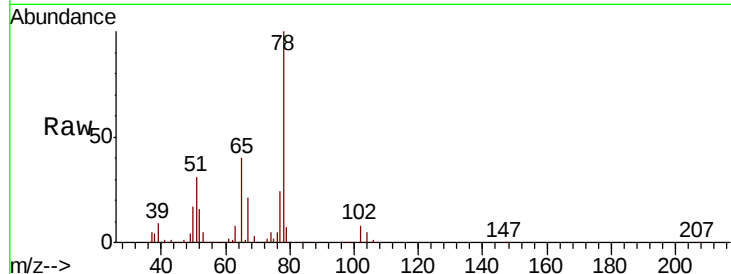




#33
 1,2-Dichloroethane-d4
 Concen: 61.199 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

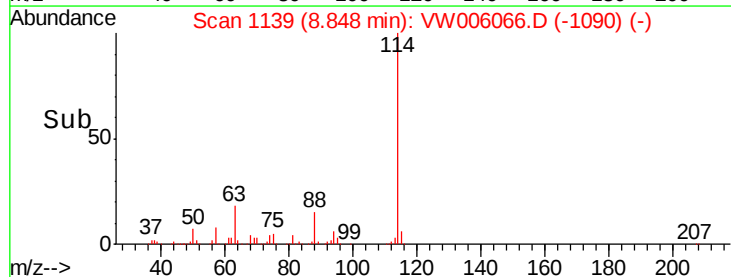
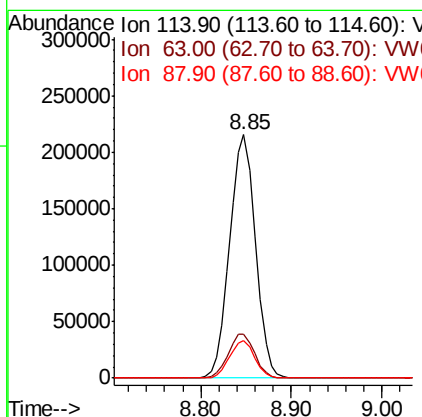
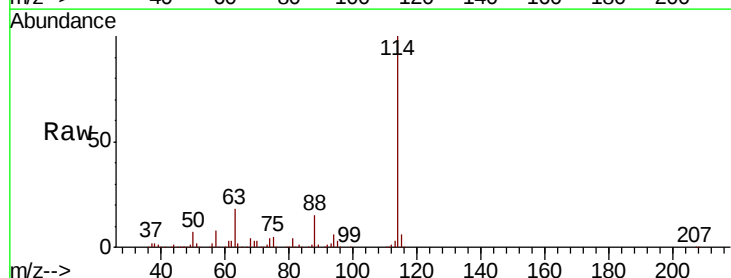
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 65 Resp: 171719
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 114 Resp: 426107
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.2 0.0 29.0

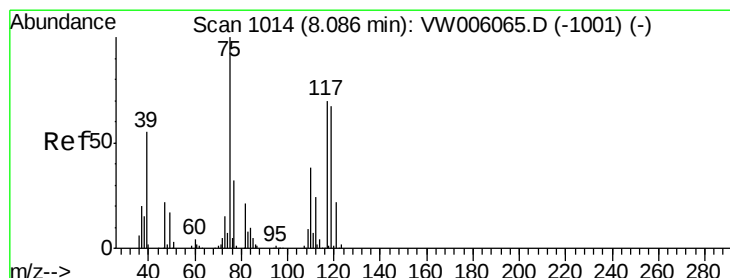
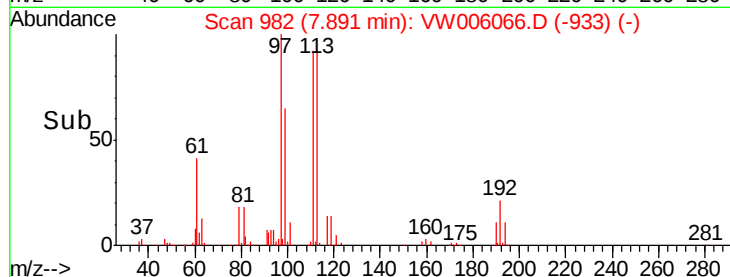
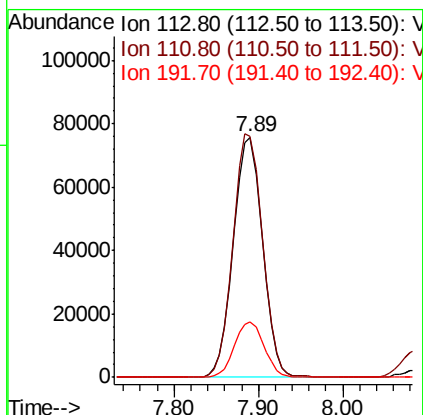
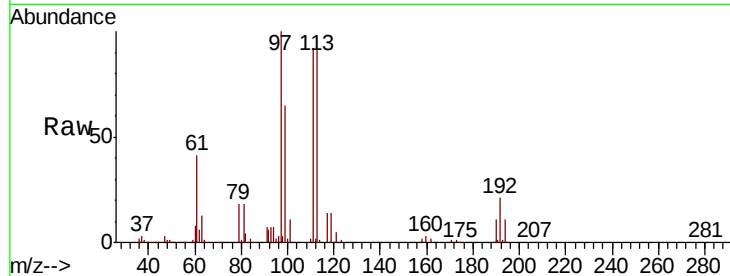




#35
 Dibromofluoromethane
 Concen: 66.244 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

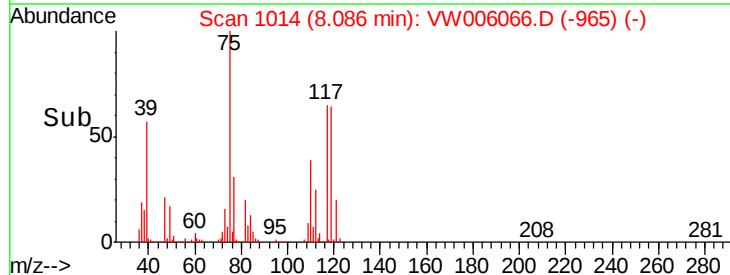
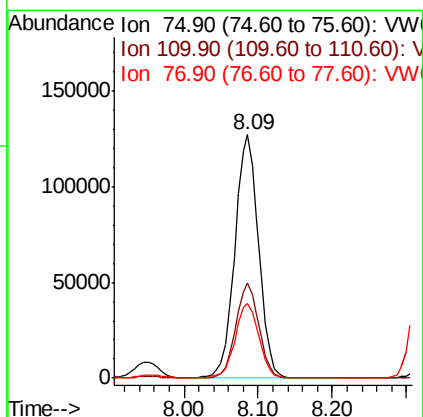
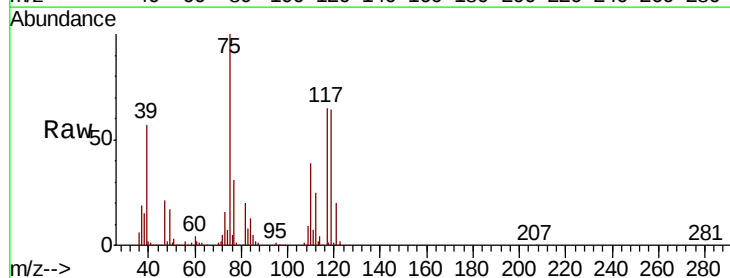
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

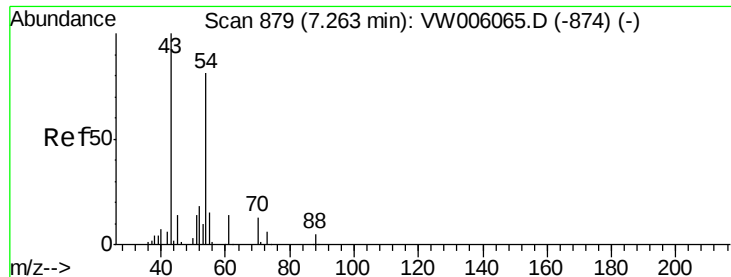
Tgt Ion: 113 Resp: 177997
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 70.105 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 75 Resp: 282565
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.1 57.1
 77 31.0 25.0 37.4

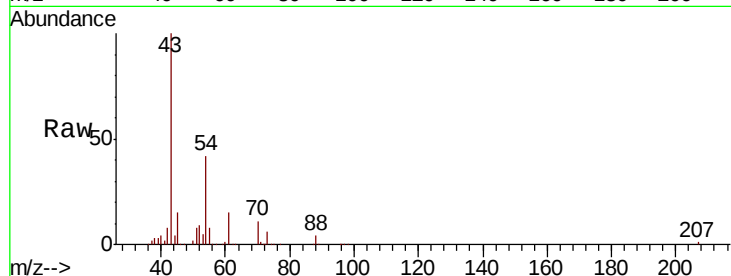




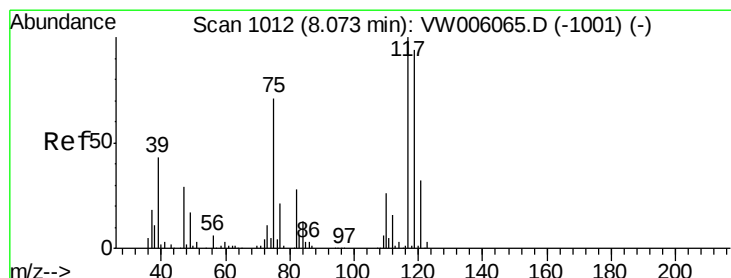
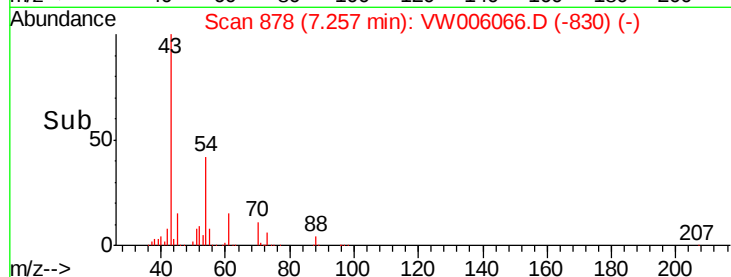
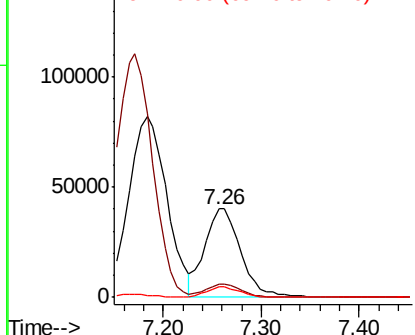
#37
 Ethyl Acetate
 Concen: 60.905 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC075

Tgt Ion: 43 Resp: 102042
 Ion Ratio Lower Upper
 43 100
 61 14.7 11.5 17.3
 70 11.3 9.2 13.8

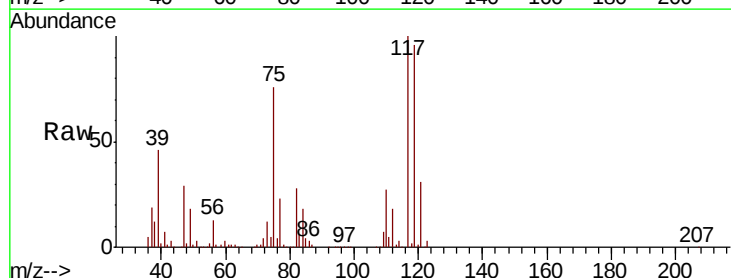


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

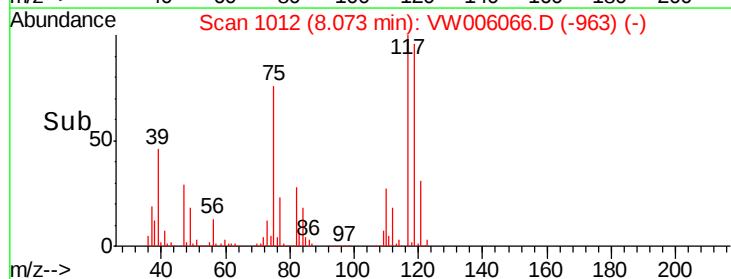
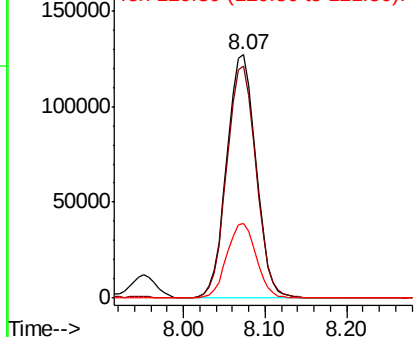


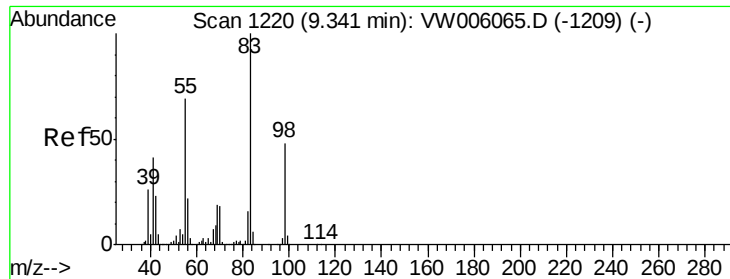
#38
 Carbon Tetrachloride
 Concen: 72.549 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 117 Resp: 315192
 Ion Ratio Lower Upper
 117 100
 119 95.6 75.2 112.8
 121 30.7 25.3 37.9



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

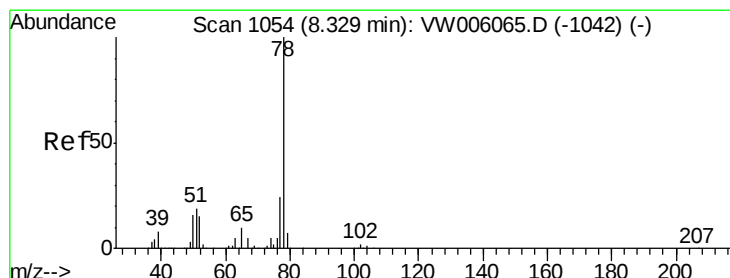
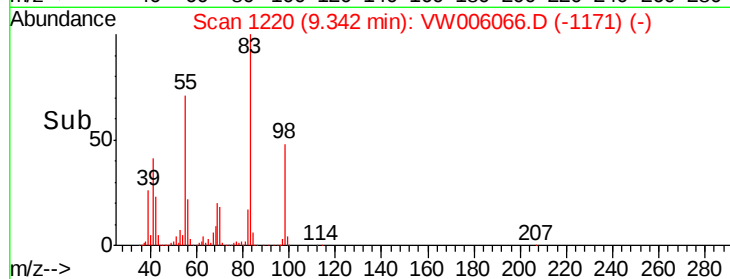
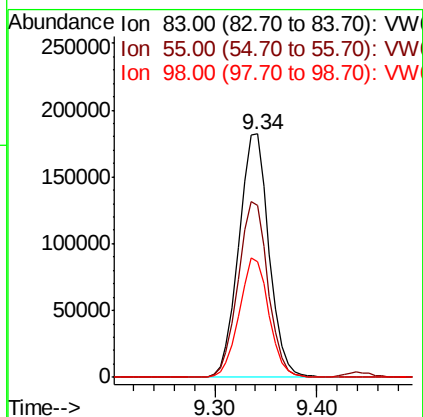
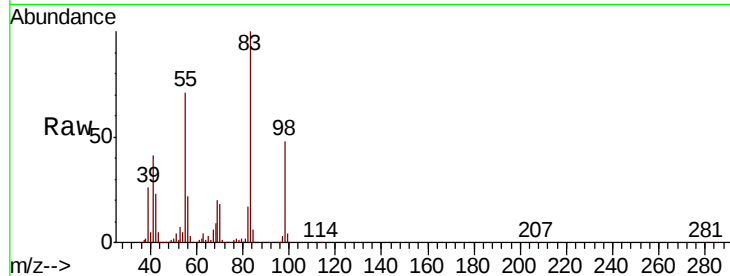




#39
Methylcyclohexane
Concen: 70.476 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

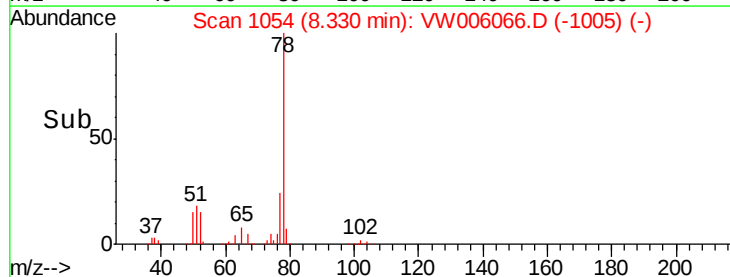
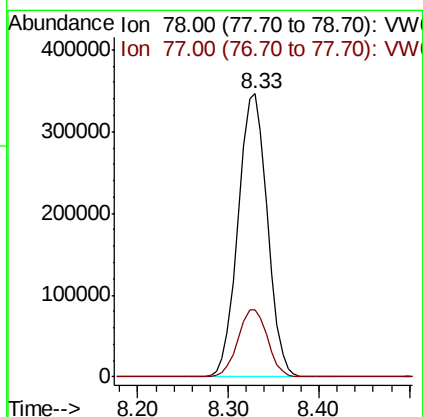
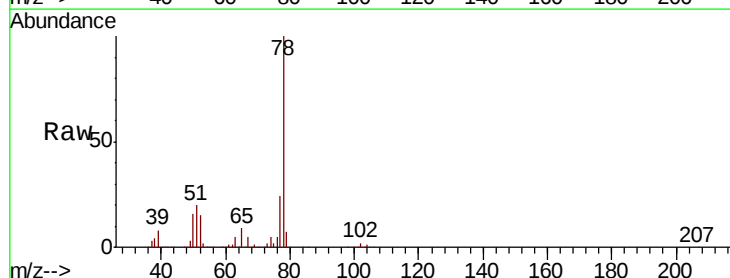
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

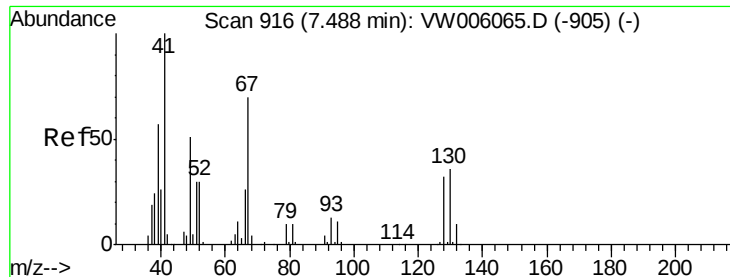
Tgt Ion: 83 Resp: 374134
Ion Ratio Lower Upper
83 100
55 70.8 55.0 82.6
98 47.6 38.6 57.8



#40
Benzene
Concen: 70.183 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion: 78 Resp: 774548
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

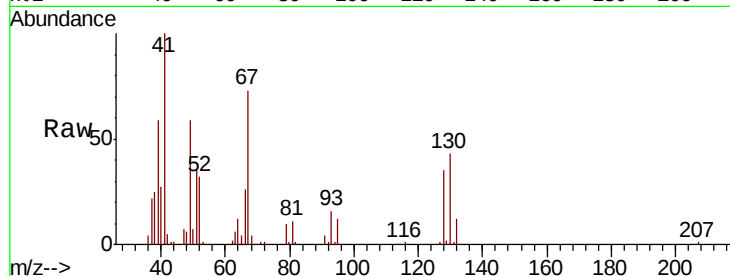




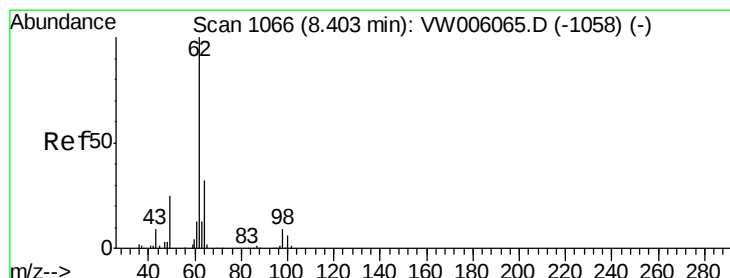
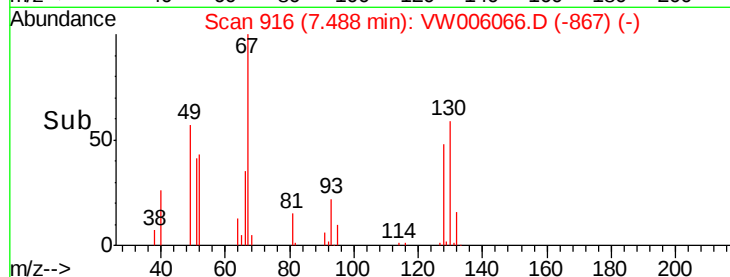
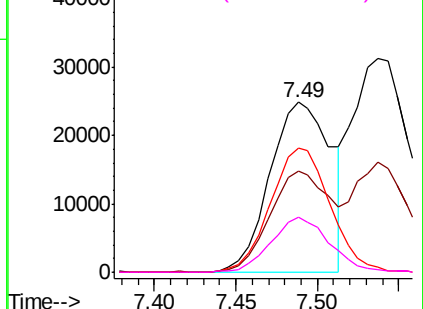
#41
Methacrylonitrile
Concen: 61.215 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	64692
Ion	Ratio	Lower	Upper
41	100		
39	58.7	46.2	69.4
67	71.0	57.7	86.5
52	31.0	24.7	37.1

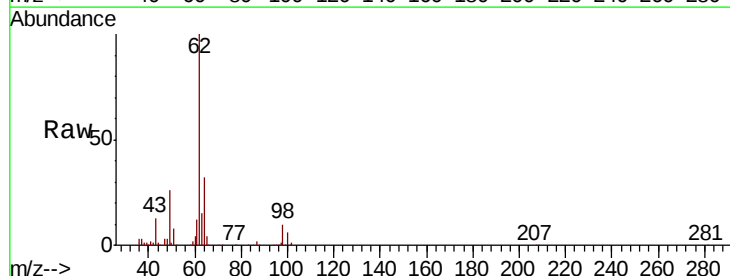


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

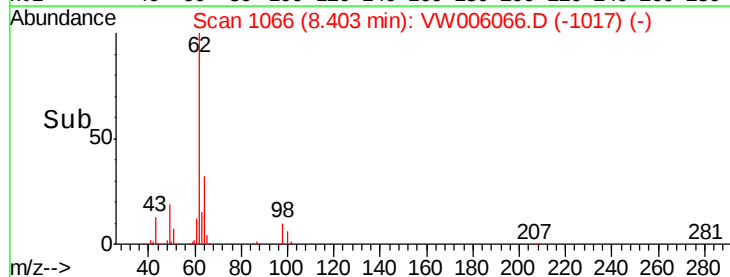
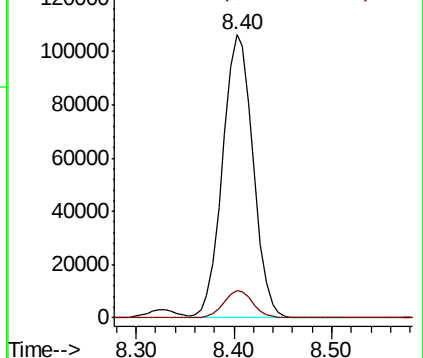


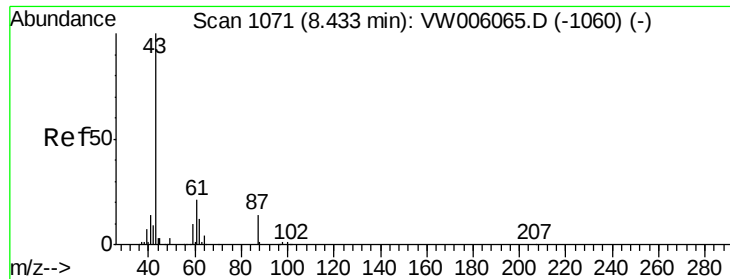
#42
1,2-Dichloroethane
Concen: 68.846 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:	62	Resp:	229467
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 61.105 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

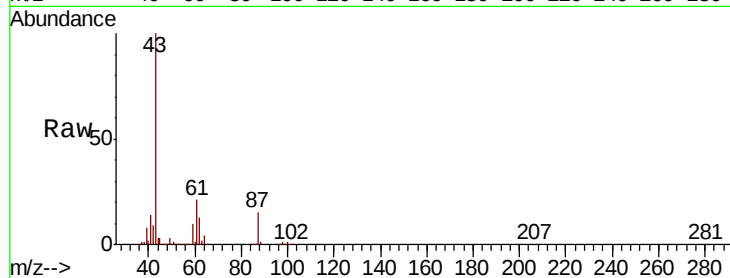
Tgt Ion: 43 Resp: 213211

Ion Ratio Lower Upper

43 100

61 31.3 25.5 38.3

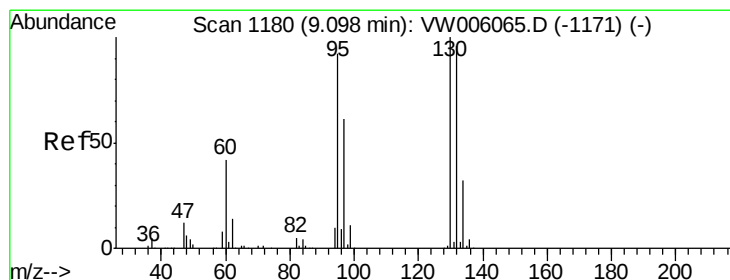
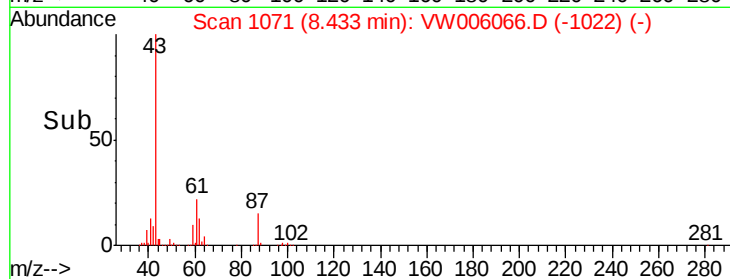
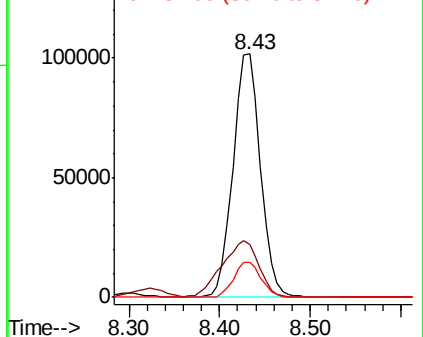
87 14.5 11.7 17.5



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: 73.692 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006066.D

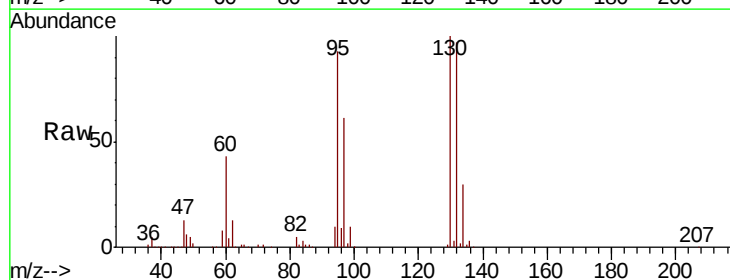
Acq: 15 Oct 2018 18:46

Tgt Ion: 130 Resp: 237414

Ion Ratio Lower Upper

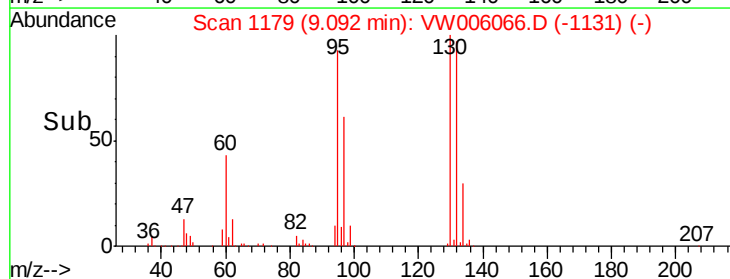
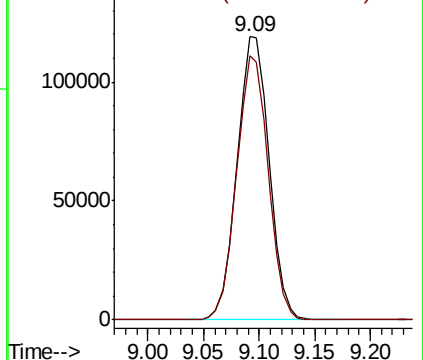
130 100

95 93.3 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 66.308 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

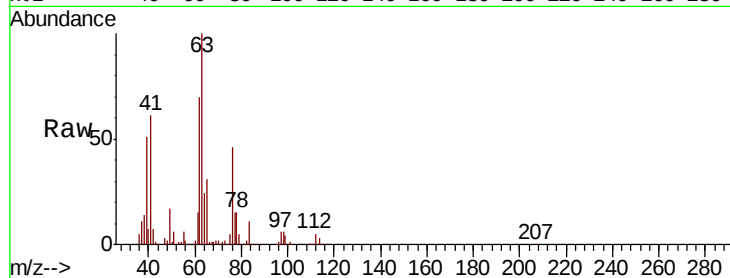
VSTDIC075

Tgt Ion: 63 Resp: 182337

Ion Ratio Lower Upper

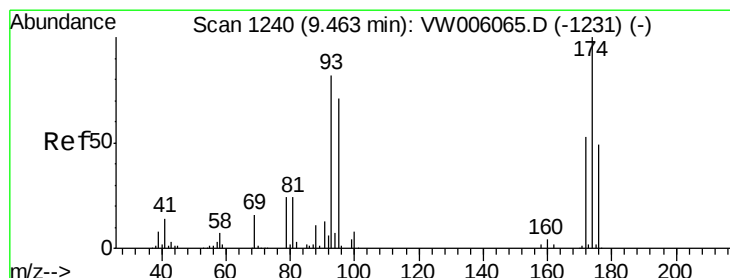
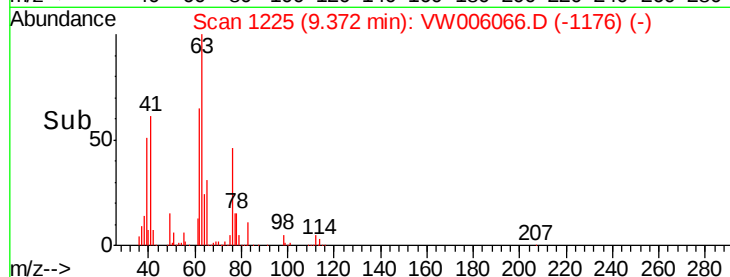
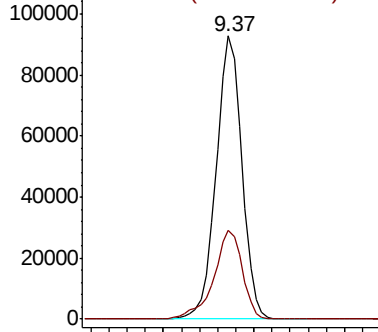
63 100

65 31.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 69.811 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

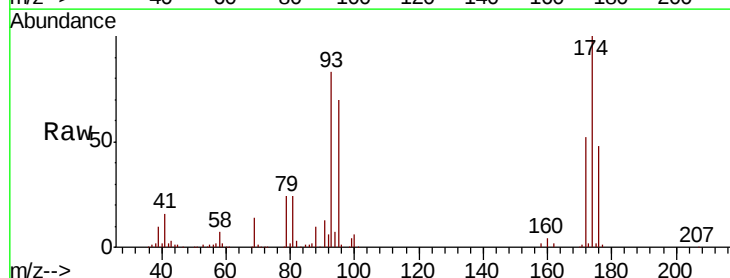
Tgt Ion: 93 Resp: 106158

Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

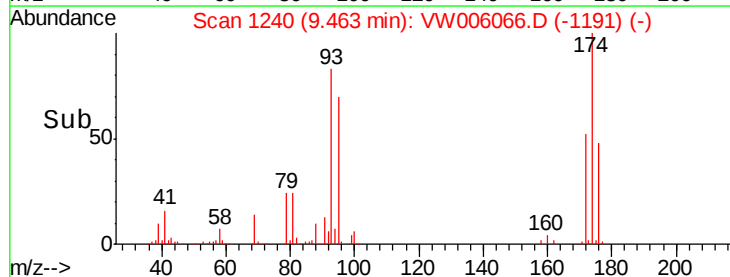
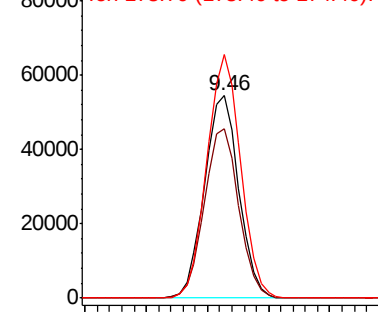
174 117.9 93.7 140.5



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 68.661 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

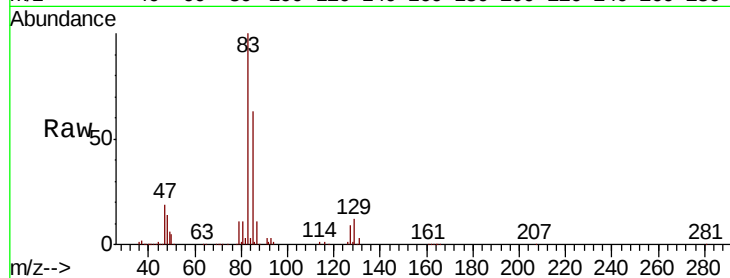
Tgt Ion: 83 Resp: 261782

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8

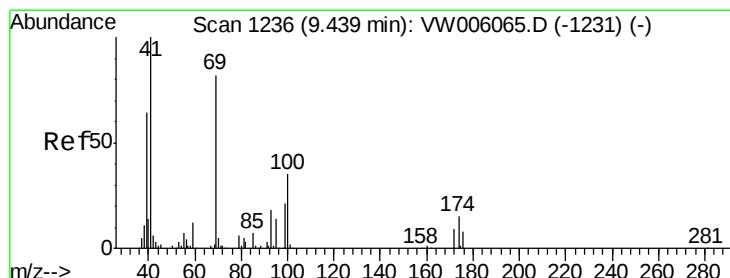
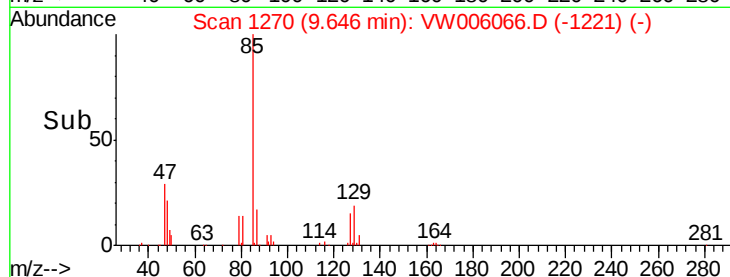
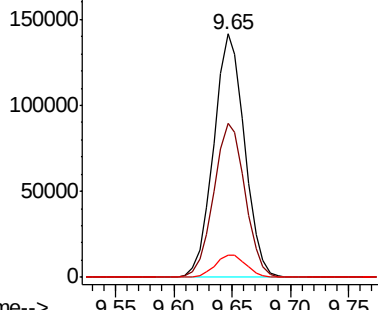
127 9.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 61.699 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

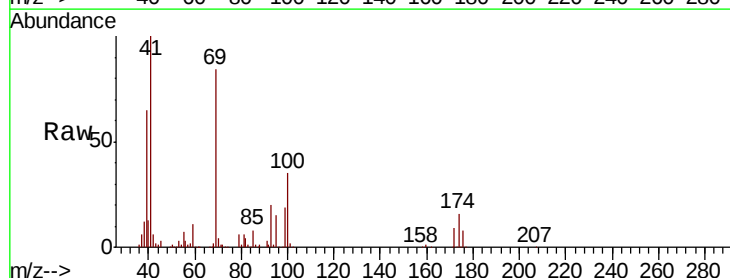
Tgt Ion: 41 Resp: 102830

Ion Ratio Lower Upper

41 100

69 91.8 71.8 107.8

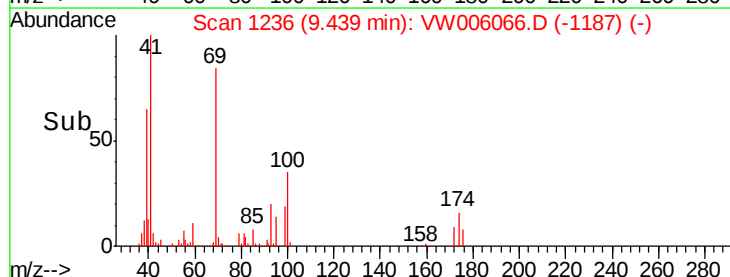
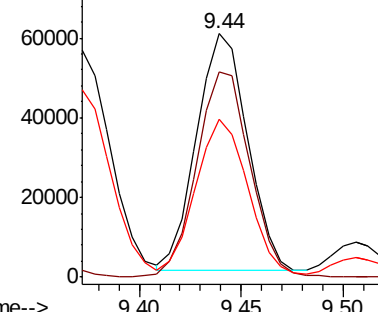
39 65.7 52.5 78.7

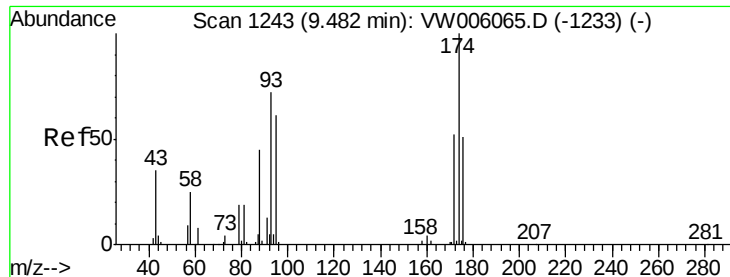


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1345.921 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

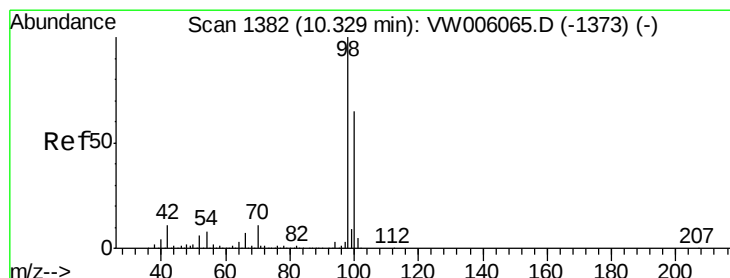
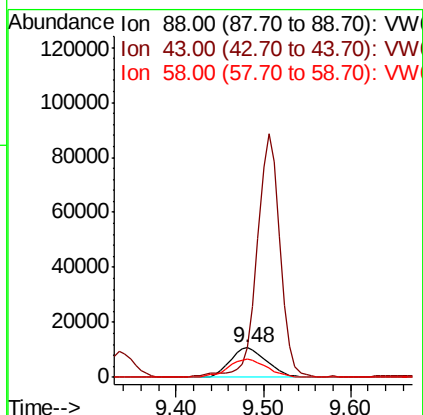
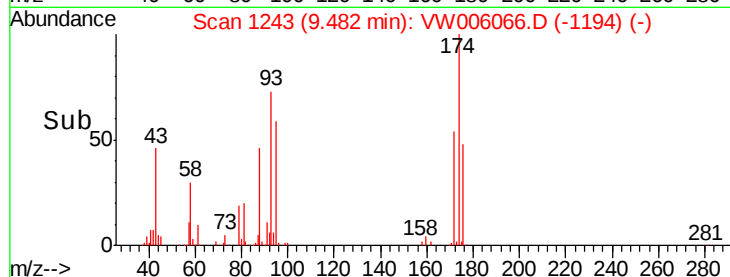
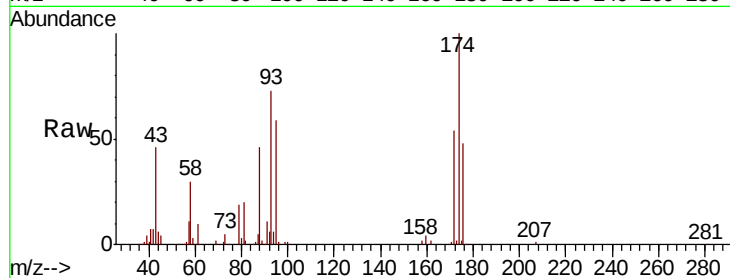
Tgt Ion: 88 Resp: 31250

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.2 51.2 76.8



#50

Toluene-d8

Concen: 65.992 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006066.D

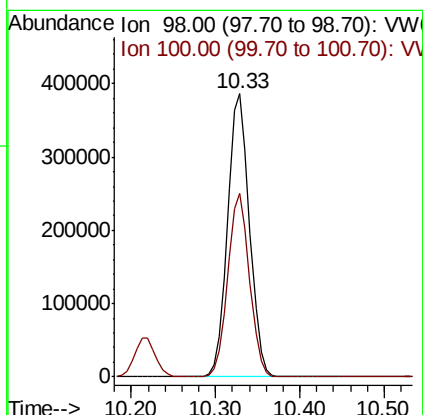
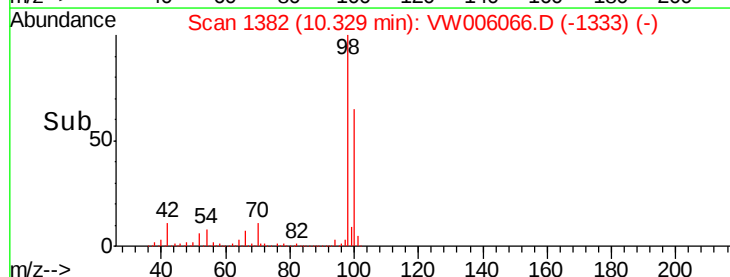
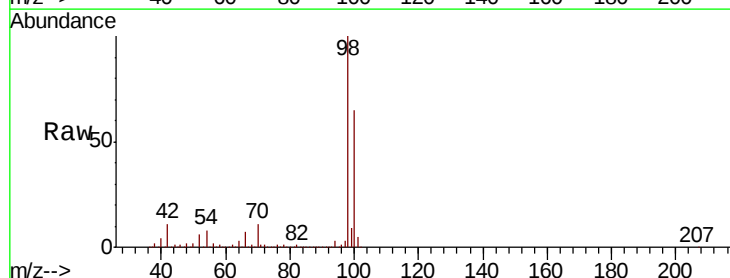
Acq: 15 Oct 2018 18:46

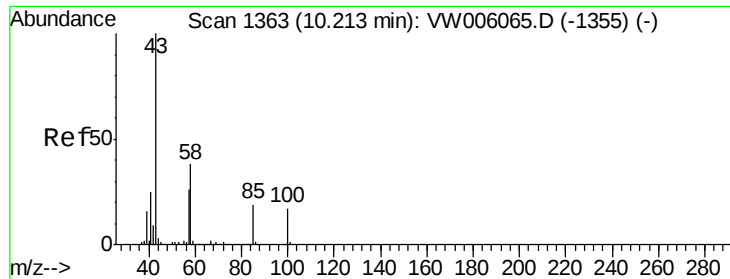
Tgt Ion: 98 Resp: 679964

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

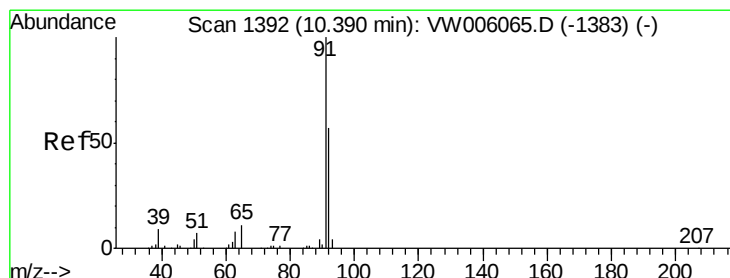
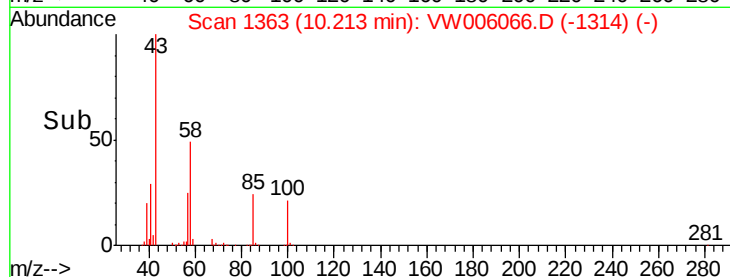
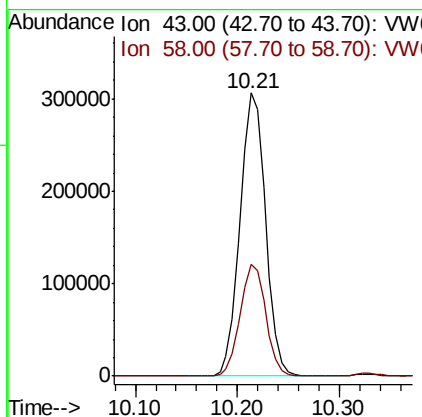
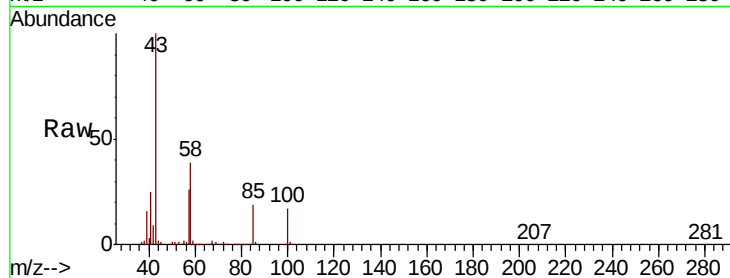




#51
 4-Methyl-2-Pentanone
 Concen: 311.107 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

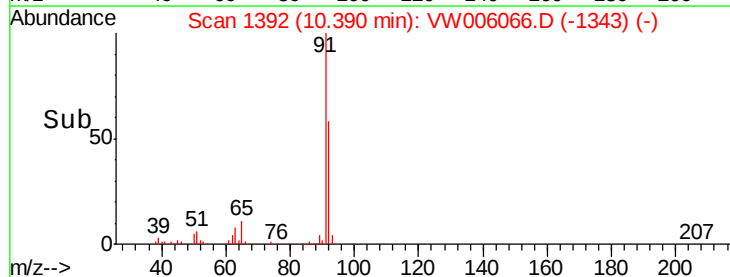
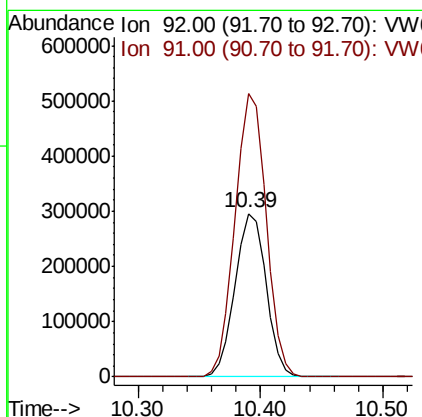
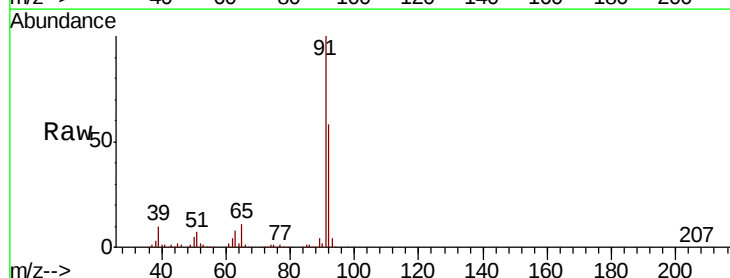
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

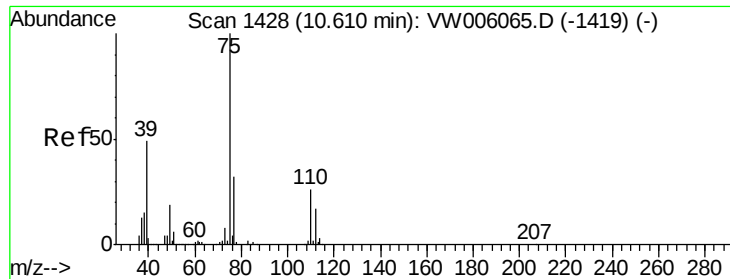
Tgt Ion: 43 Resp: 531084
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.5 47.3



#52
 Toluene
 Concen: 71.747 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 92 Resp: 522207
 Ion Ratio Lower Upper
 92 100
 91 173.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 67.167 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

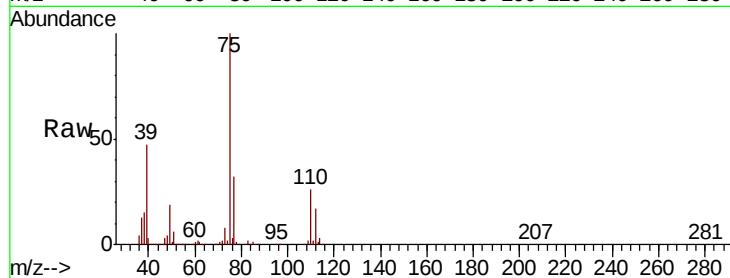
VSTDIC075

Tgt Ion: 75 Resp: 265371

Ion Ratio Lower Upper

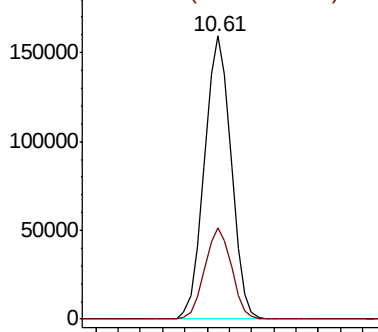
75 100

77 32.1 25.4 38.2

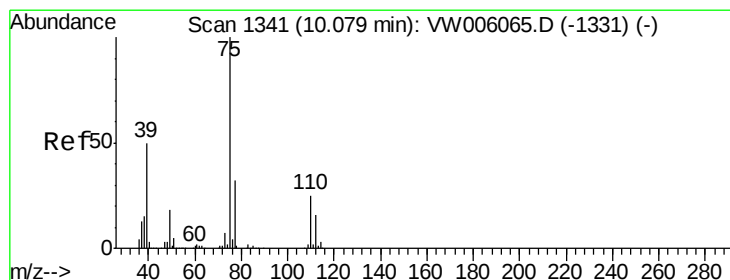
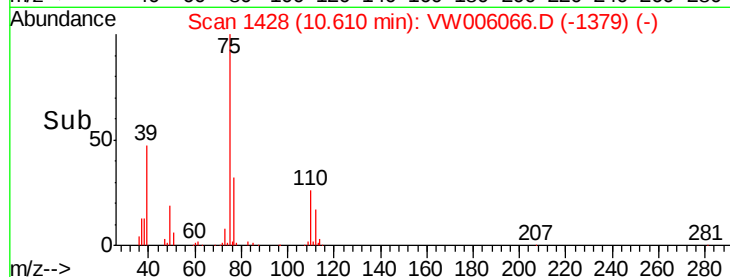


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 67.223 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

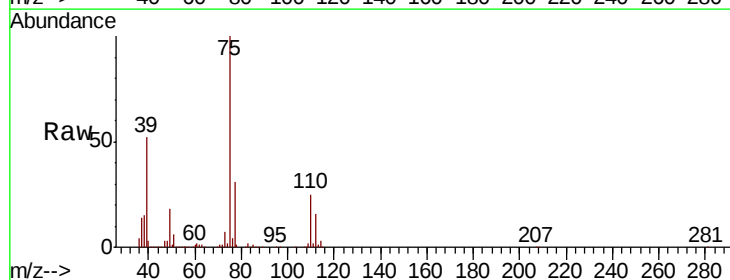
Tgt Ion: 75 Resp: 299730

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

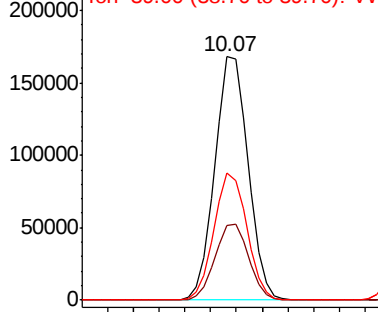
39 52.2 39.9 59.9



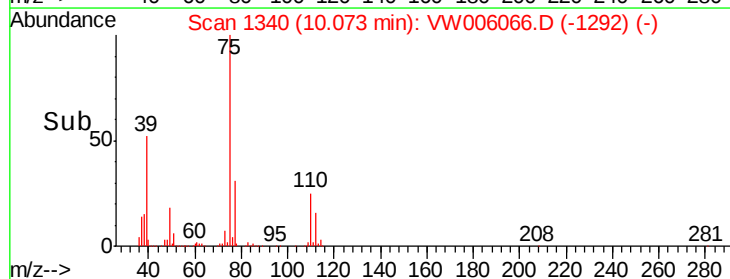
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



Time--> 10.00 10.10

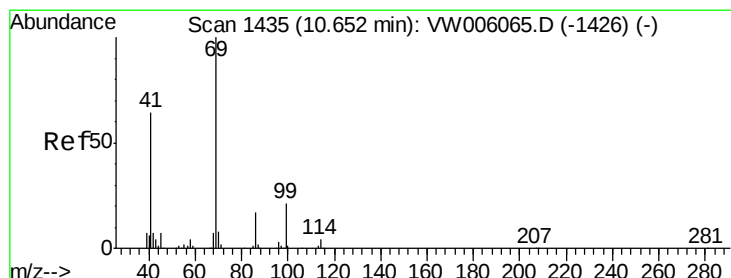
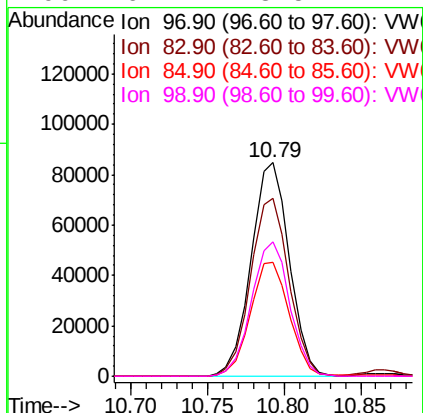
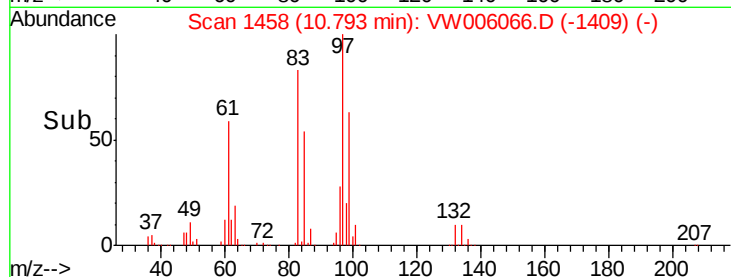
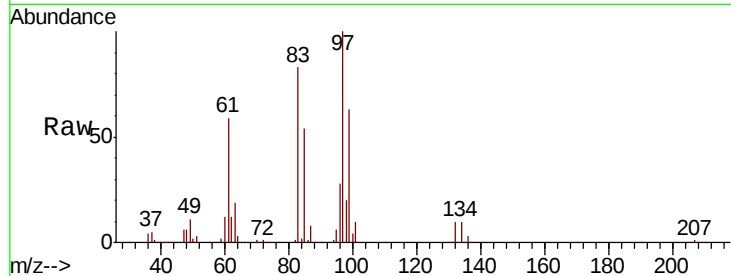




#55
 1,1,2-Trichloroethane
 Concen: 69.817 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

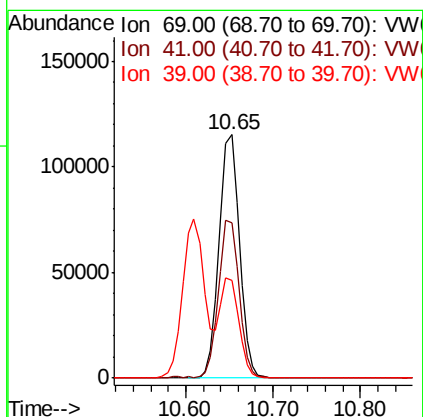
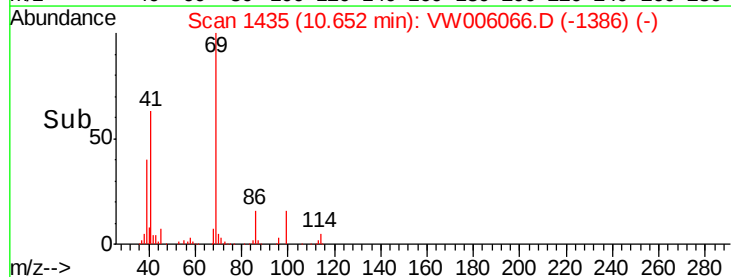
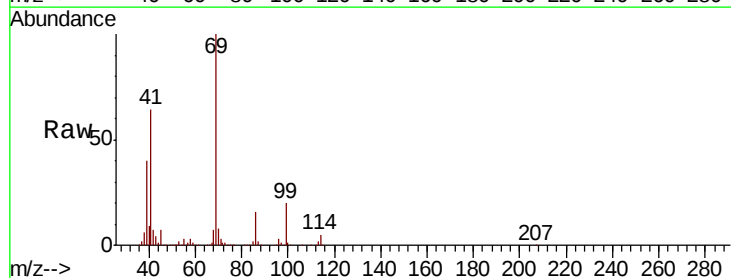
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

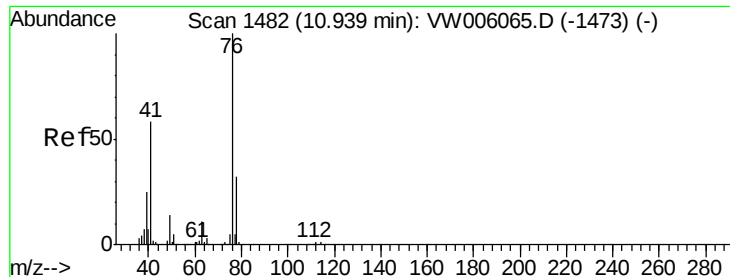
Tgt Ion: 97 Resp: 147463
 Ion Ratio Lower Upper
 97 100
 83 83.3 67.2 100.8
 85 53.6 43.7 65.5
 99 62.7 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 66.571 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 69 Resp: 186823
 Ion Ratio Lower Upper
 69 100
 41 64.5 52.8 79.2
 39 36.4 30.6 45.8

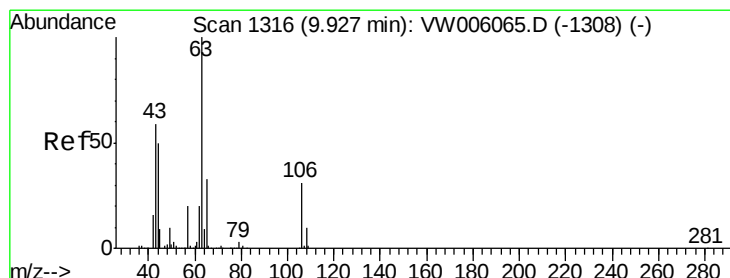
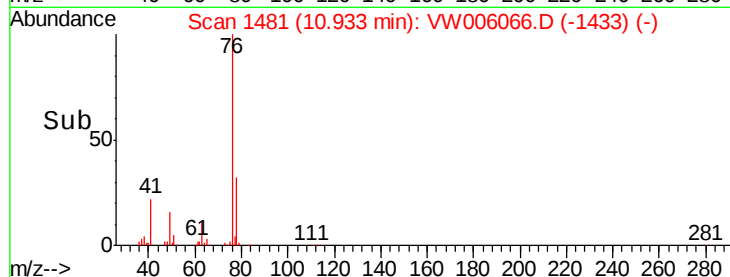
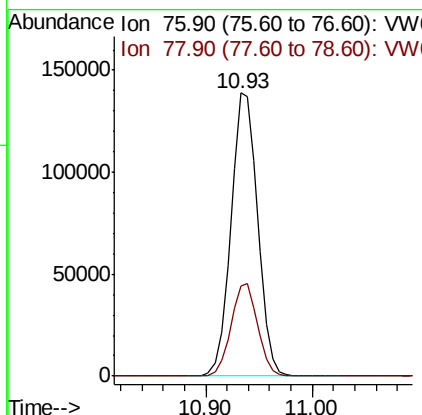
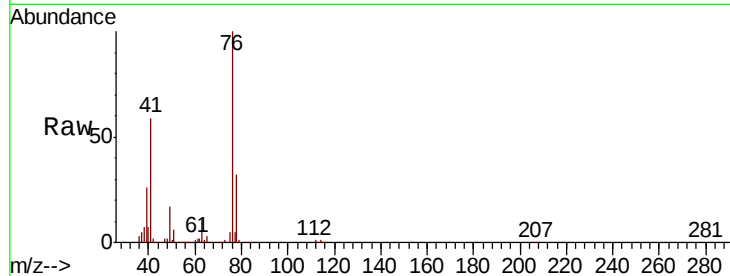




#57
 1,3-Dichloropropane
 Concen: 68.847 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

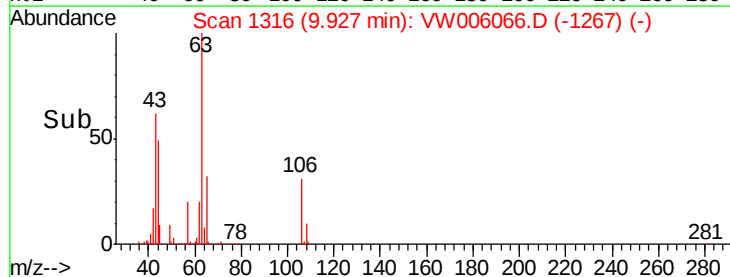
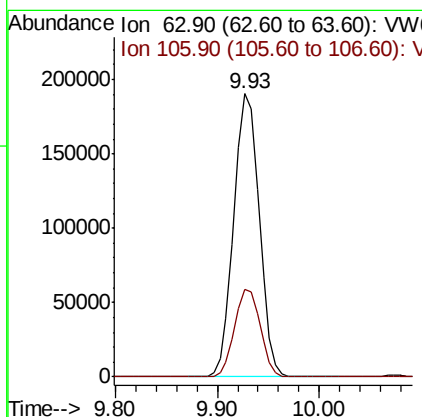
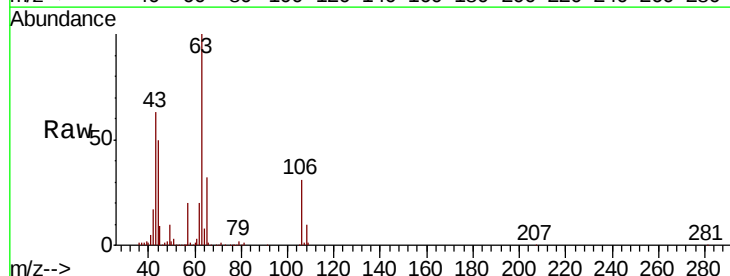
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

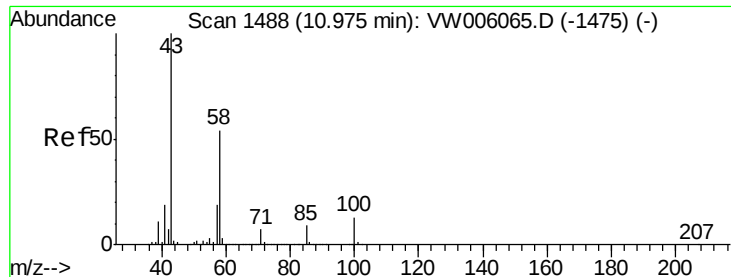
Tgt Ion: 76 Resp: 243773
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.624 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 63 Resp: 329027
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.5 36.7

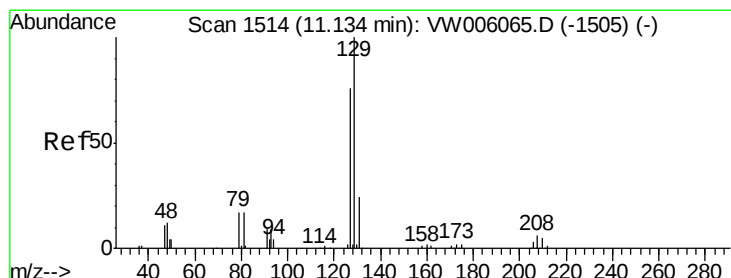
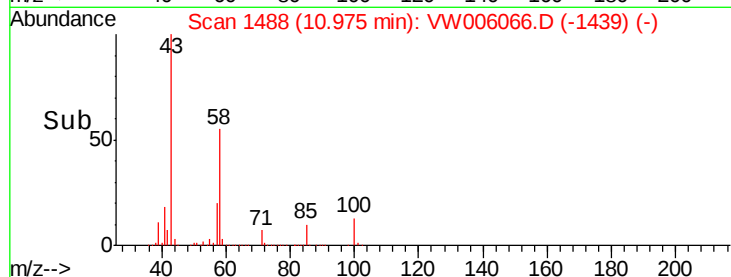
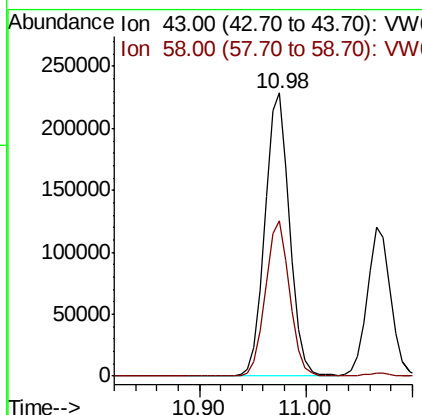
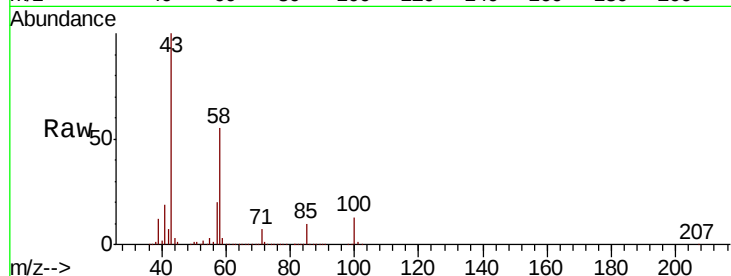




#59
2-Hexanone
Concen: 302.587 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

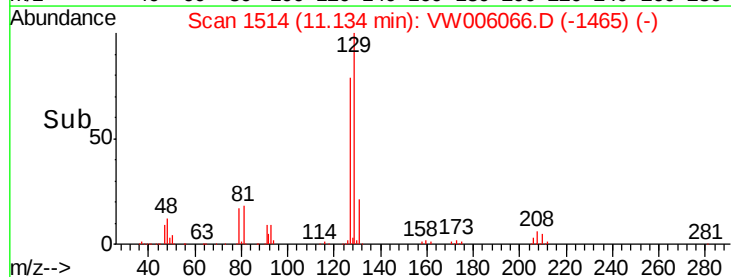
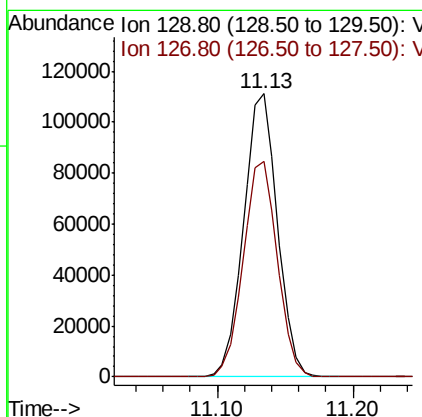
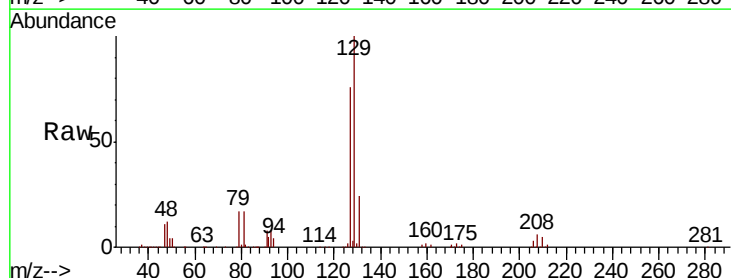
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

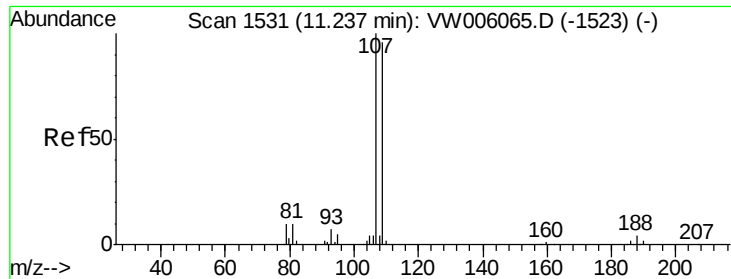
Tgt Ion: 43 Resp: 368369
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.6



#60
Dibromochloromethane
Concen: 71.099 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion: 129 Resp: 193017
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

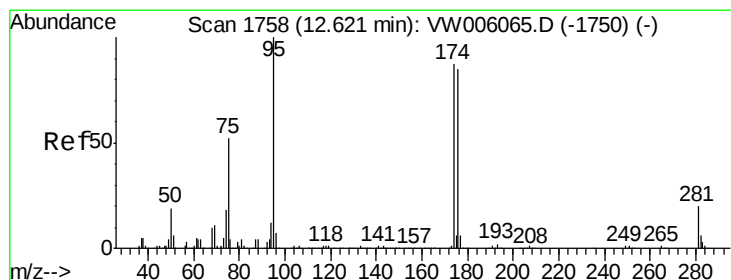
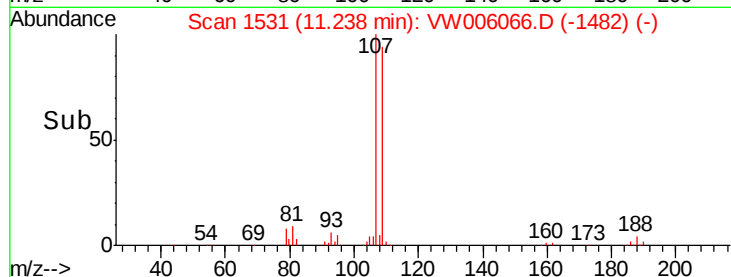
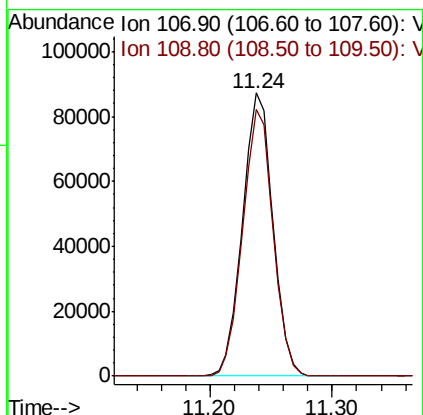
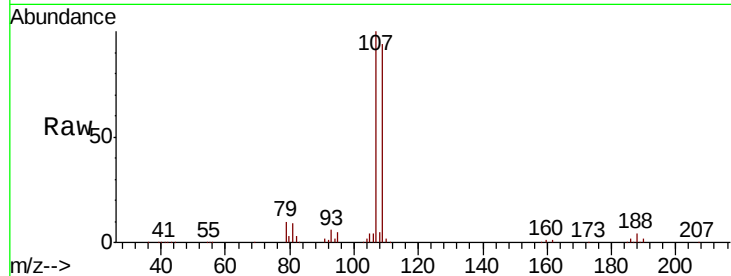




#61
 1,2-Dibromoethane
 Concen: 71.293 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

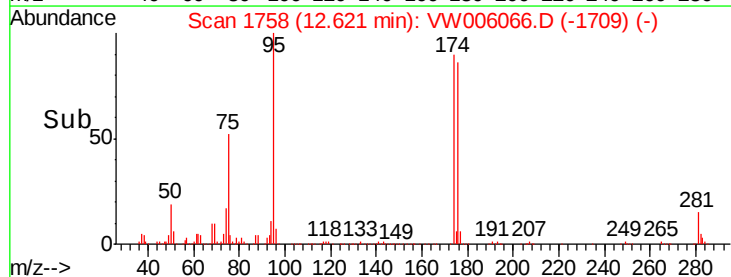
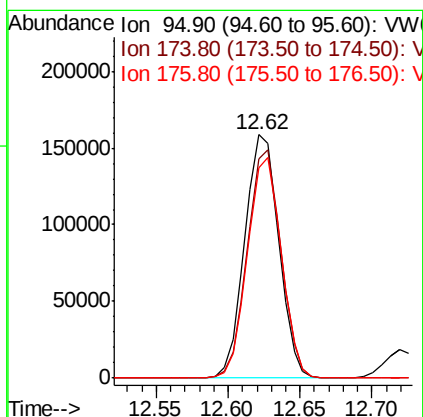
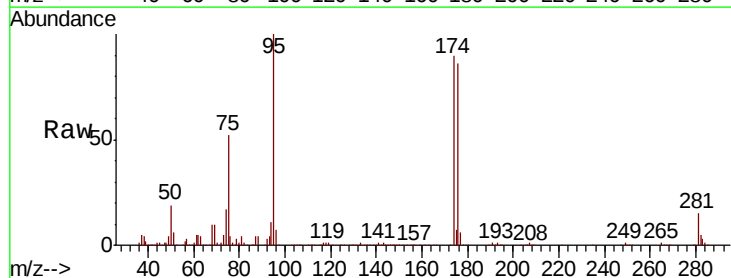
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

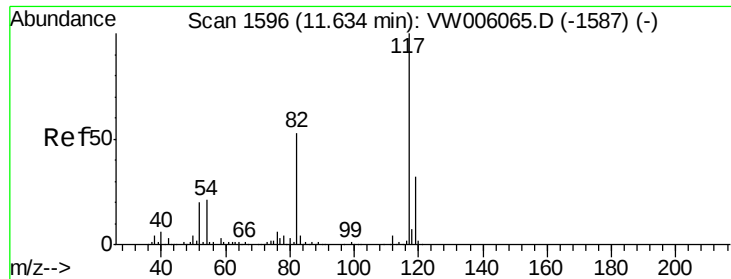
Tgt Ion: 107 Resp: 150595
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 66.344 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 95 Resp: 259871
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 186.0
 176 89.9 0.0 181.6

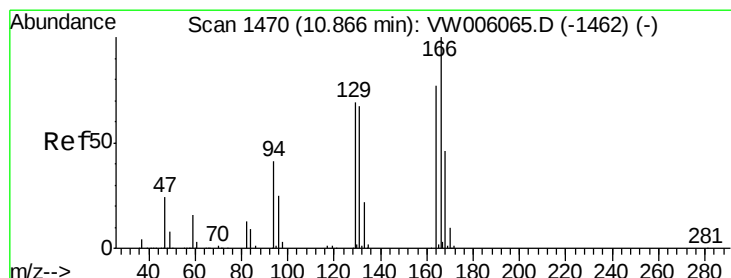
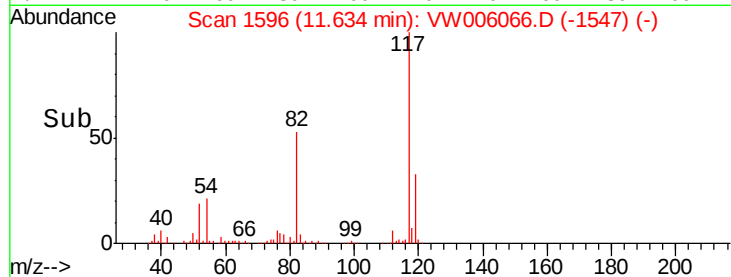
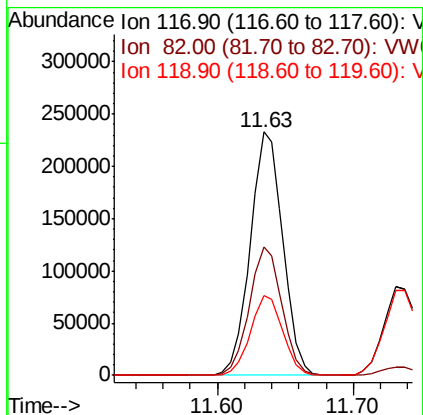
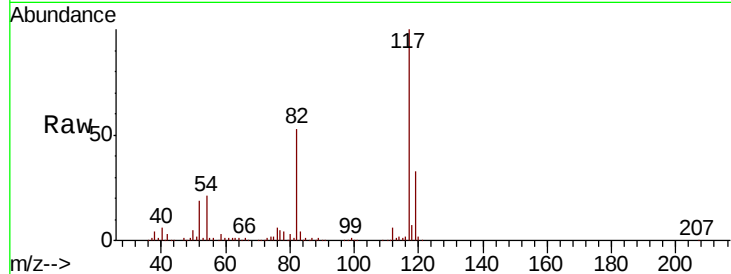




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

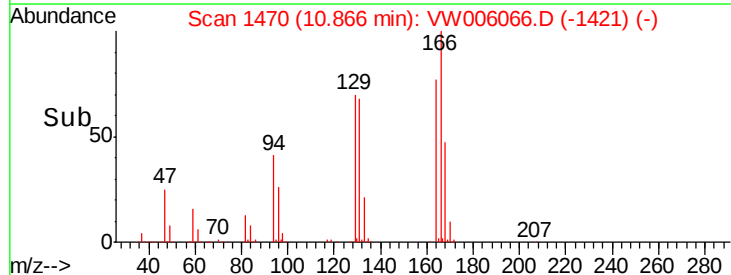
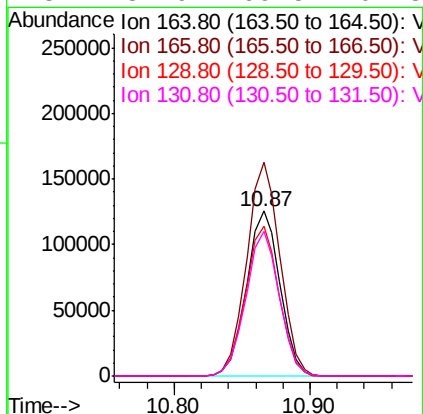
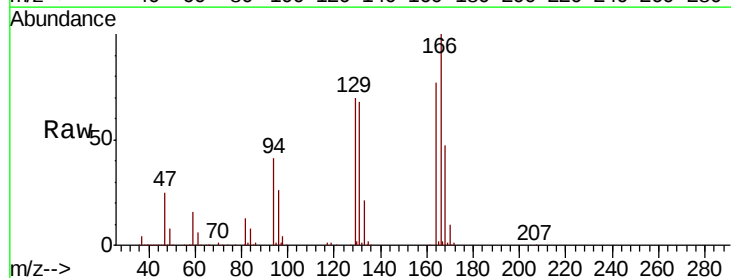
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

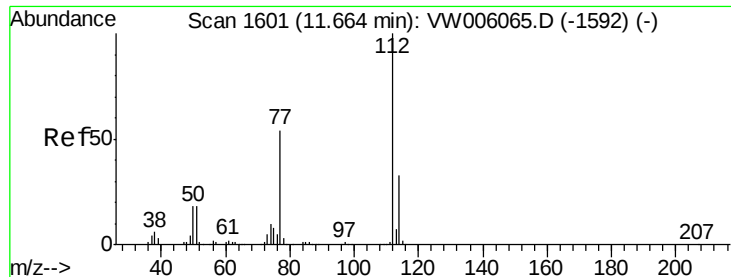
Tgt Ion:117 Resp: 390447
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 74.649 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:164 Resp: 216691
Ion Ratio Lower Upper
164 100
166 129.7 103.4 155.0
129 91.1 71.8 107.8
131 87.9 69.5 104.3

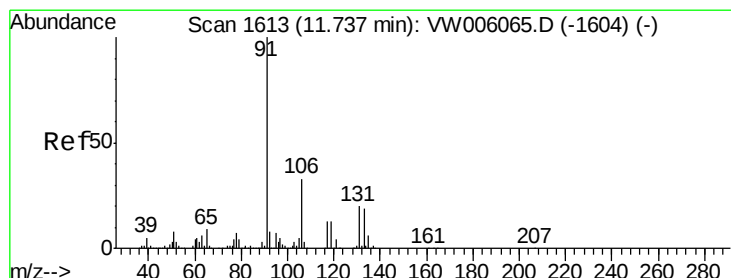
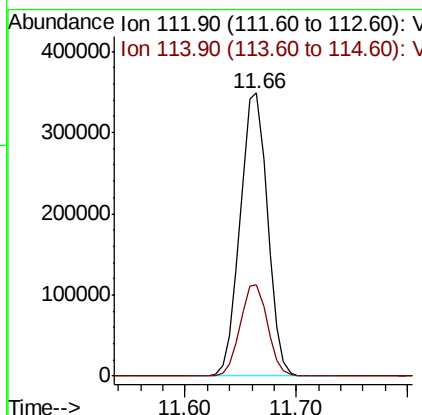
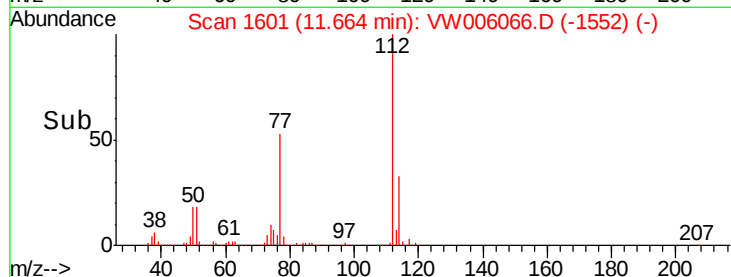
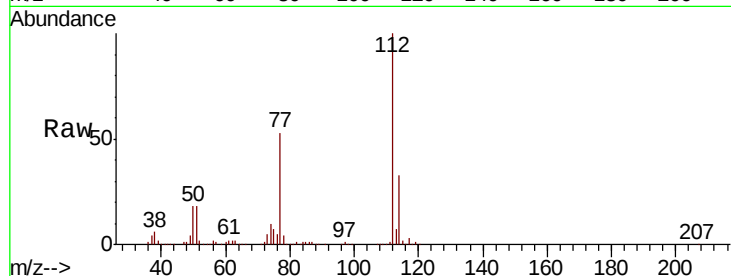




#65
Chlorobenzene
Concen: 72.151 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

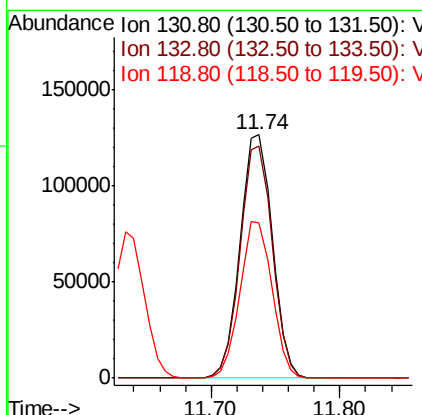
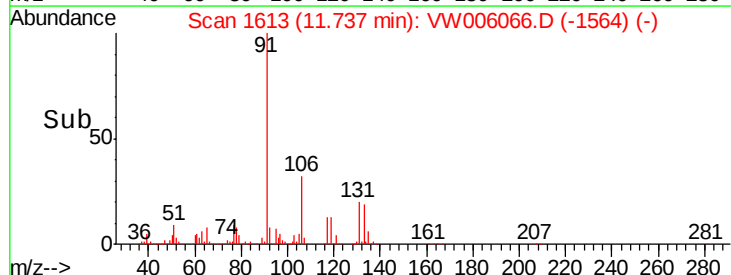
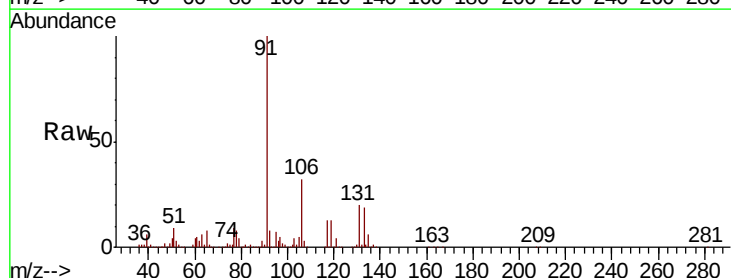
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

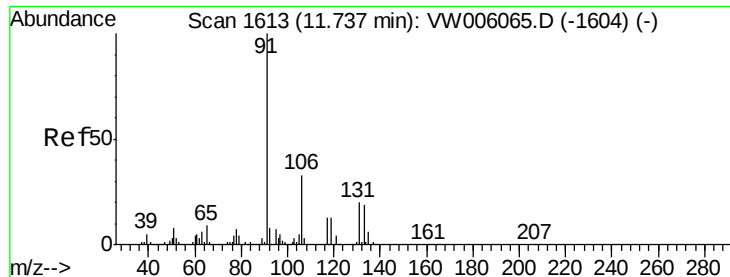
Tgt Ion:112 Resp: 597675
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 72.106 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:131 Resp: 218987
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 71.239 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

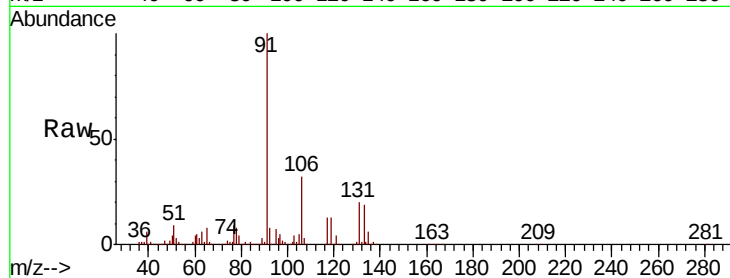
VSTDIC075

Tgt Ion: 91 Resp: 1038693

Ion Ratio Lower Upper

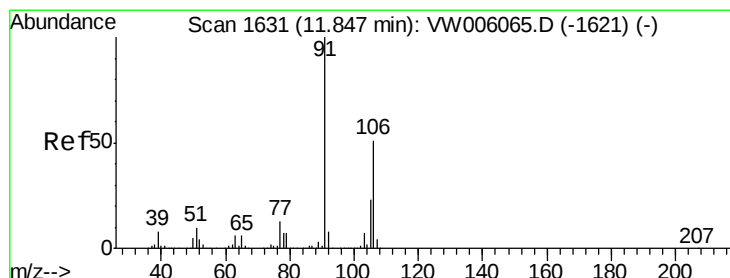
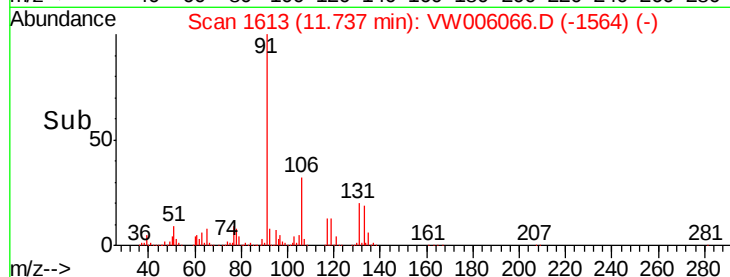
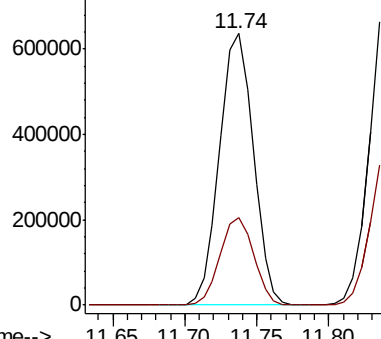
91 100

106 32.2 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 144.676 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VW006066.D

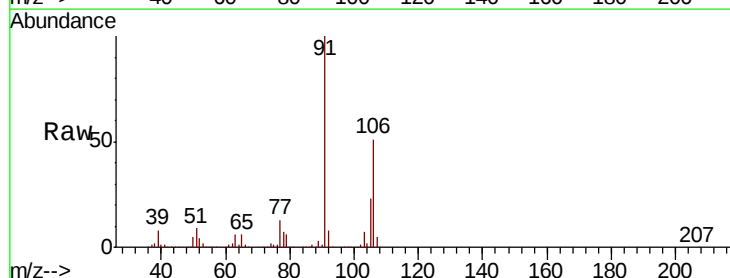
Acq: 15 Oct 2018 18:46

Tgt Ion: 106 Resp: 826792

Ion Ratio Lower Upper

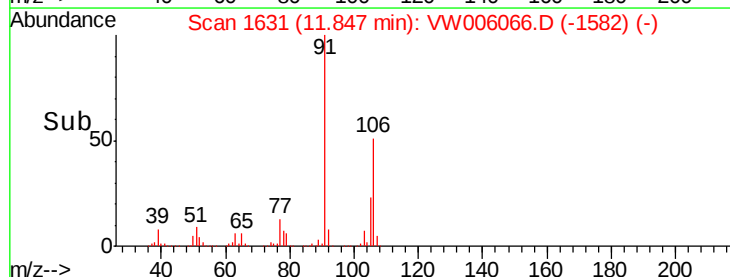
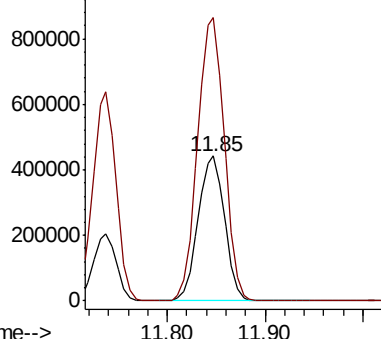
106 100

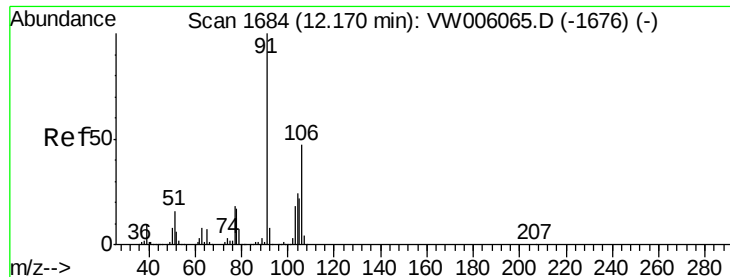
91 198.1 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

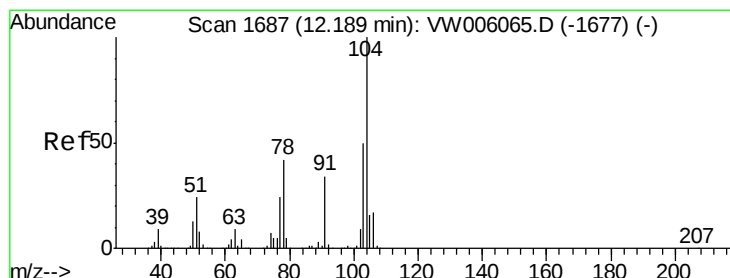
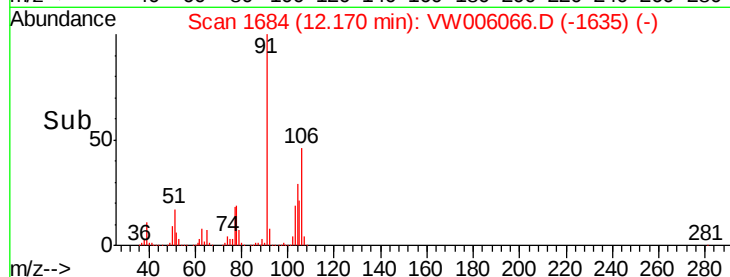
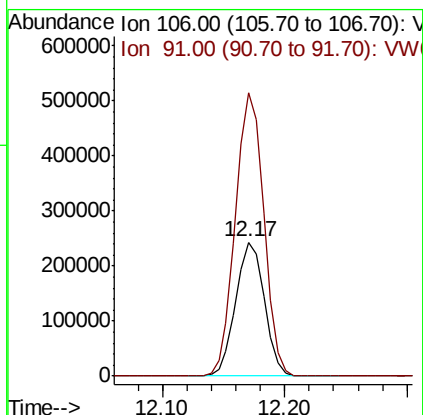
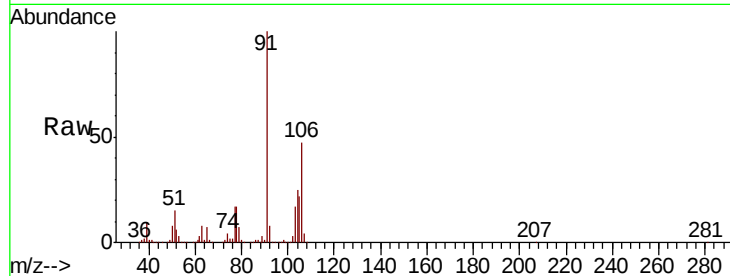




#69
o-Xylene
Concen: 72.041 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

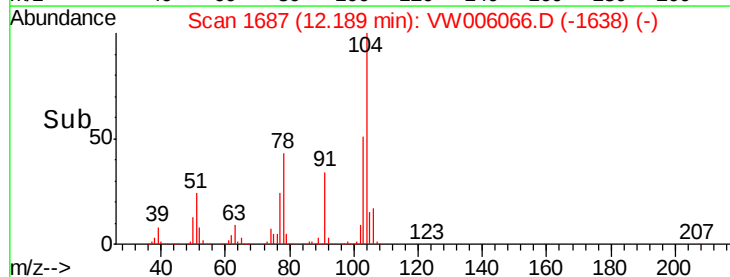
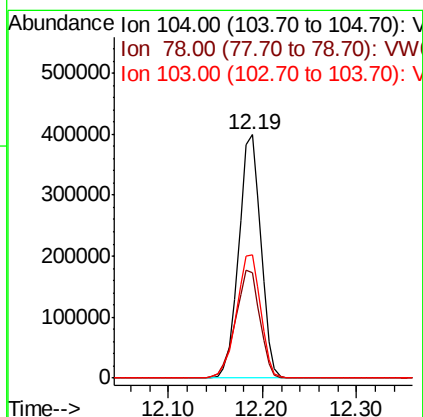
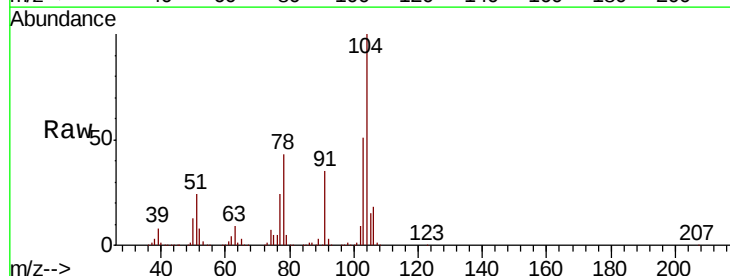
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

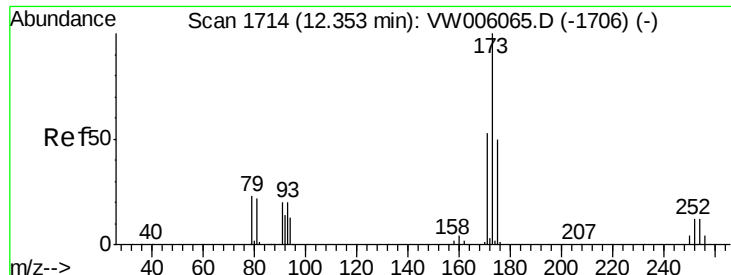
Tgt Ion:106 Resp: 394495
Ion Ratio Lower Upper
106 100
91 210.5 105.4 316.1



#70
Styrene
Concen: 71.700 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:104 Resp: 650148
Ion Ratio Lower Upper
104 100
78 48.9 39.1 58.7
103 55.4 44.3 66.5

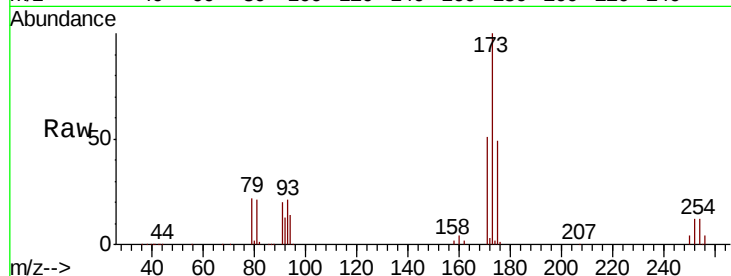




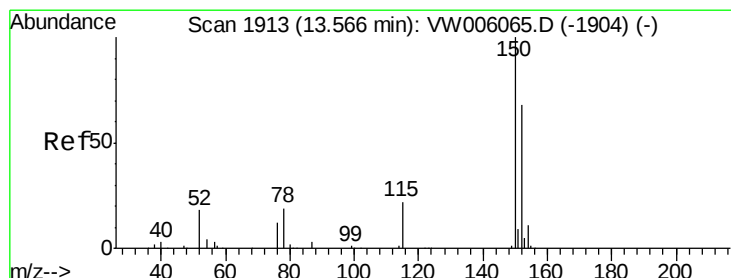
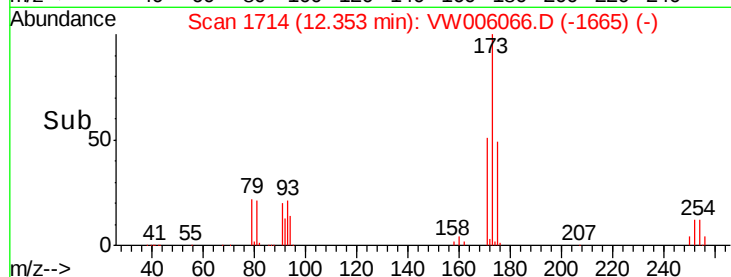
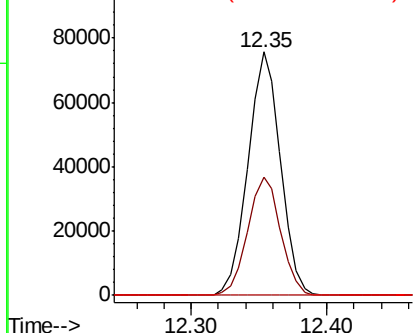
#71
Bromoform
Concen: 70.176 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:173 Resp: 126086
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.2 0.1 0.1#

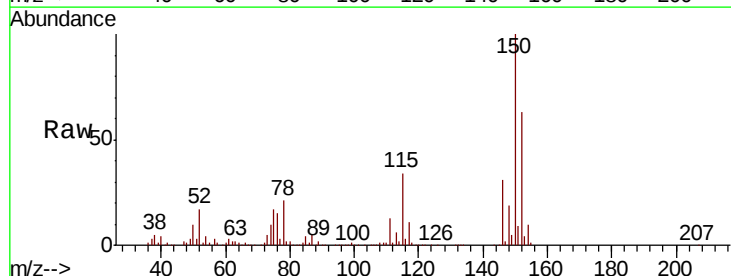


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

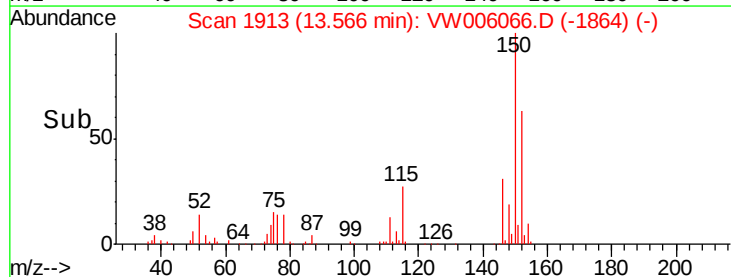
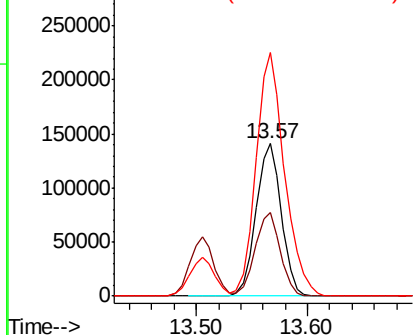


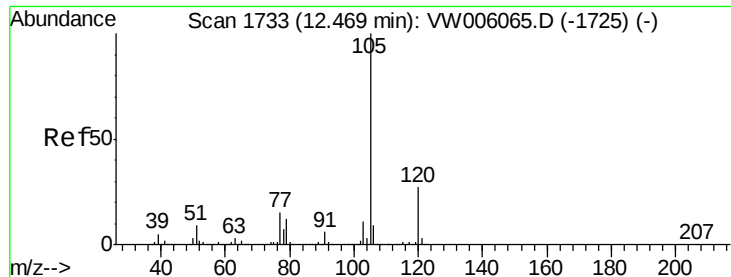
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:152 Resp: 223583
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.3
150 179.0 0.0 349.2



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





#73

Isopropylbenzene

Concen: 69.485 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

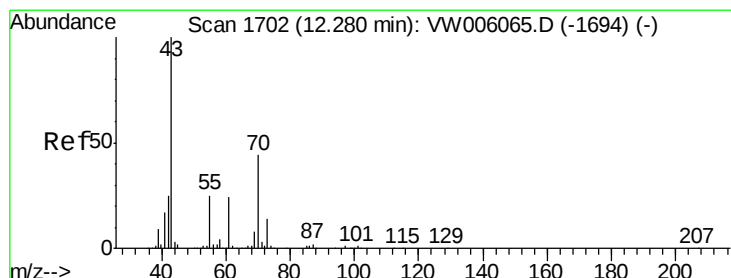
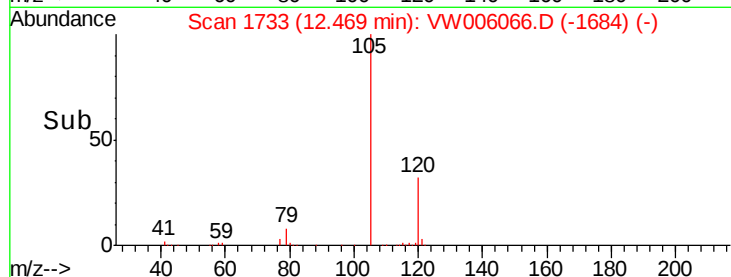
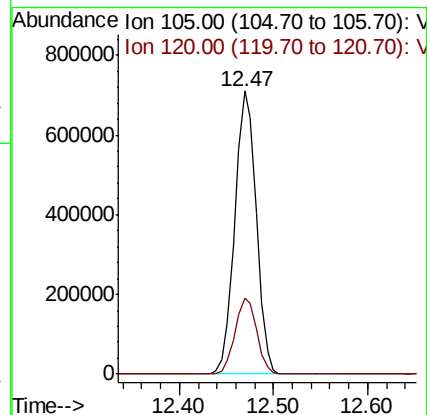
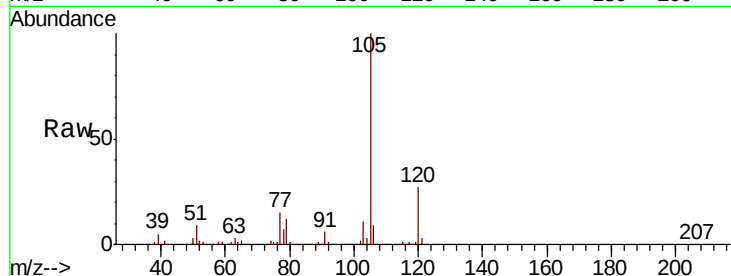
VSTDIC075

Tgt Ion:105 Resp: 1120001

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 58.850 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Tgt Ion: 43 Resp: 219719

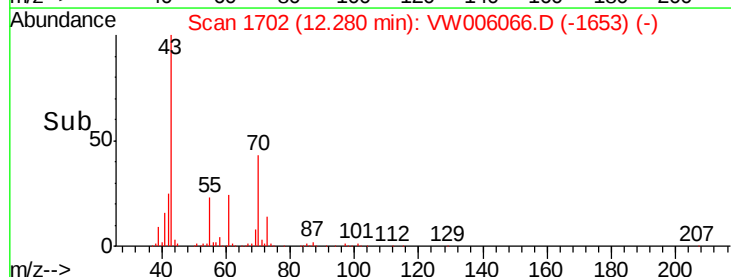
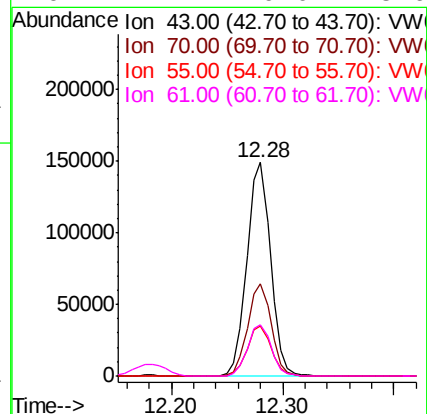
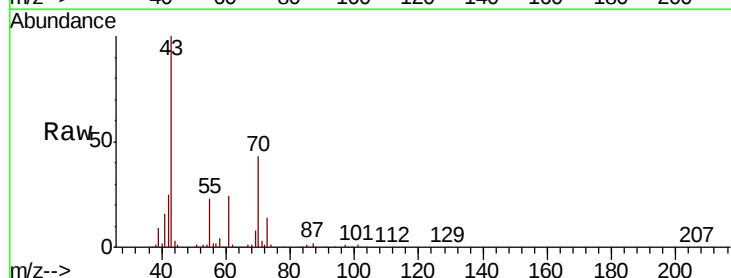
Ion Ratio Lower Upper

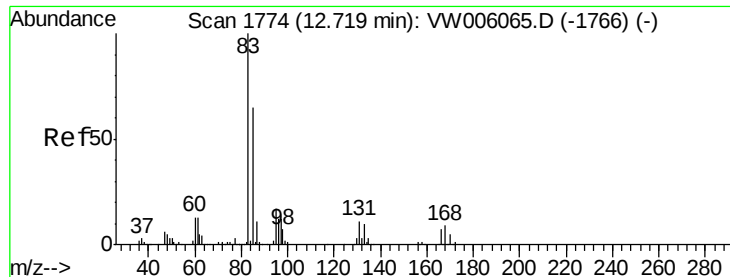
43 100

70 43.0 34.2 51.4

55 24.0 19.2 28.8

61 24.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 64.985 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

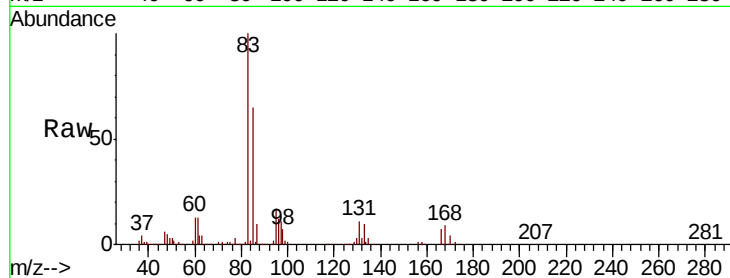
Tgt Ion: 83 Resp: 170622

Ion Ratio Lower Upper

83 100

131 12.2 5.9 17.7

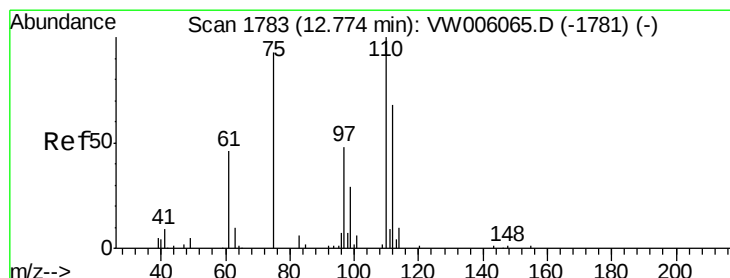
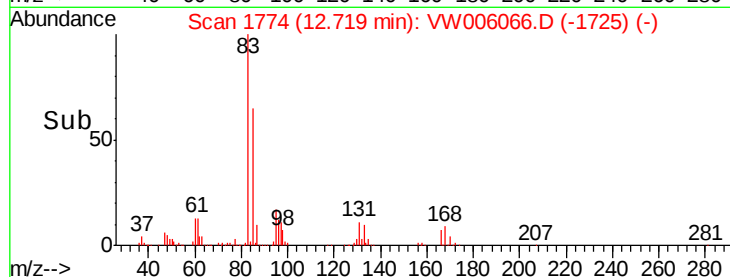
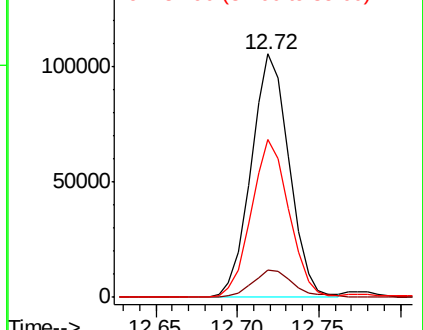
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 119.051 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006066.D

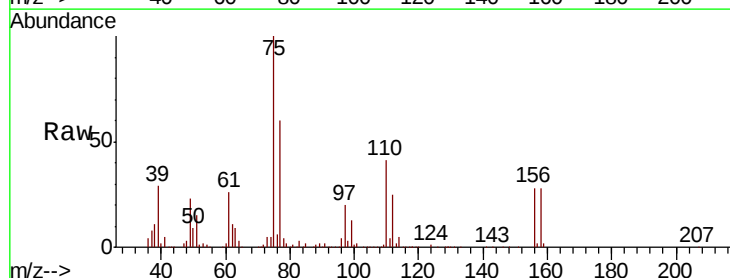
Acq: 15 Oct 2018 18:46

Tgt Ion: 75 Resp: 229373

Ion Ratio Lower Upper

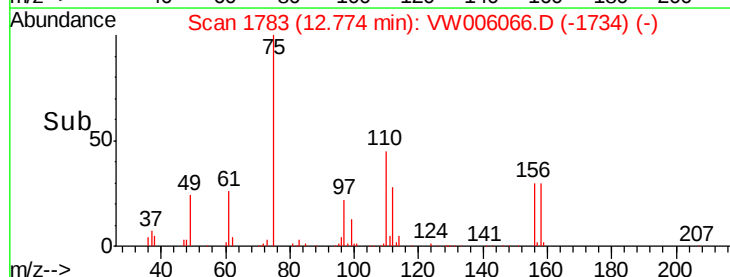
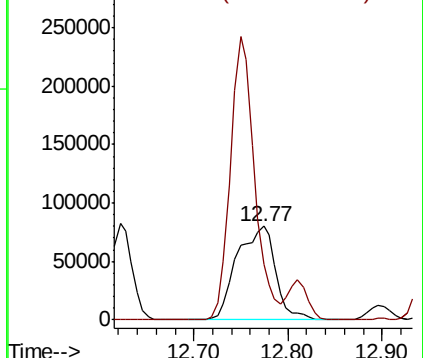
75 100

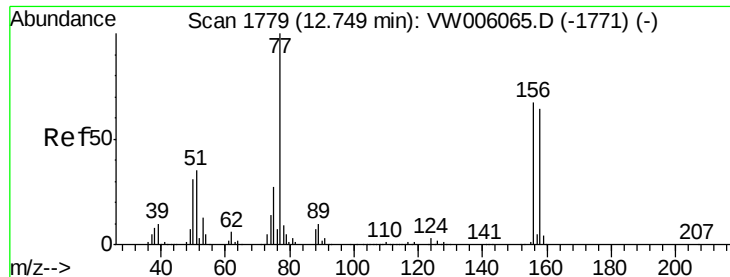
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 71.016 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

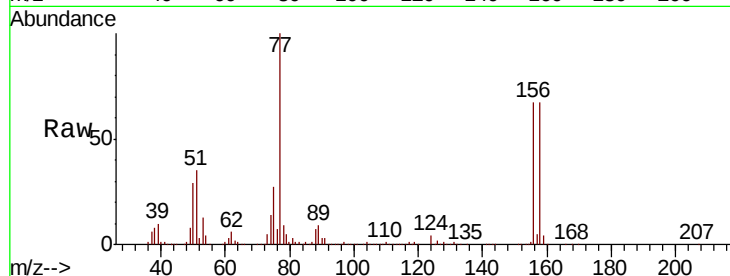
Tgt Ion:156 Resp: 272762

Ion Ratio Lower Upper

156 100

77 159.5 79.1 237.4

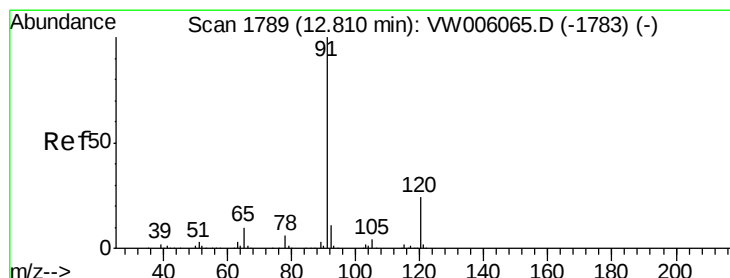
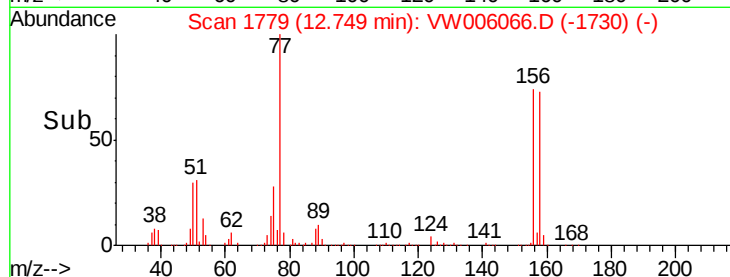
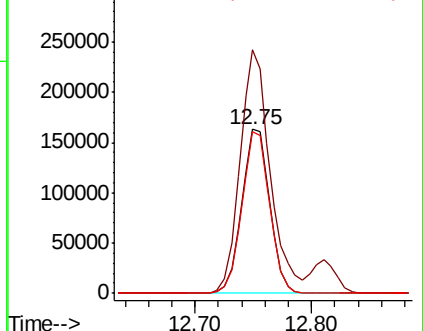
158 97.6 48.5 145.6



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: 68.630 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006066.D

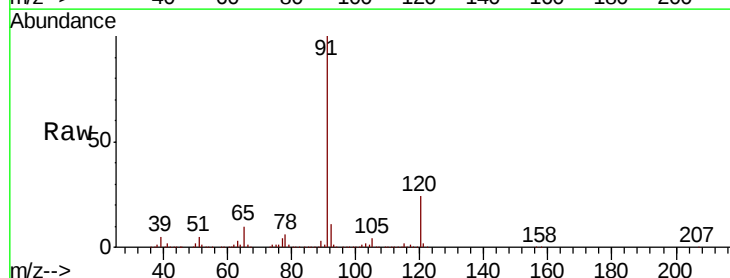
Acq: 15 Oct 2018 18:46

Tgt Ion: 91 Resp: 1300188

Ion Ratio Lower Upper

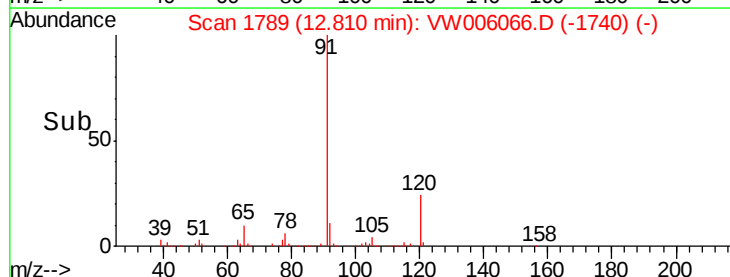
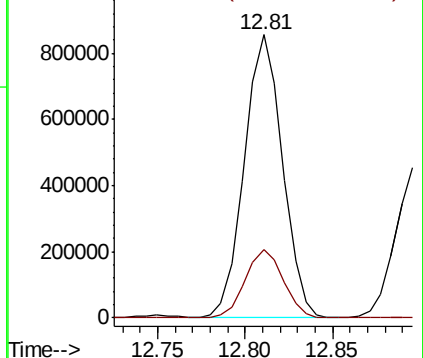
91 100

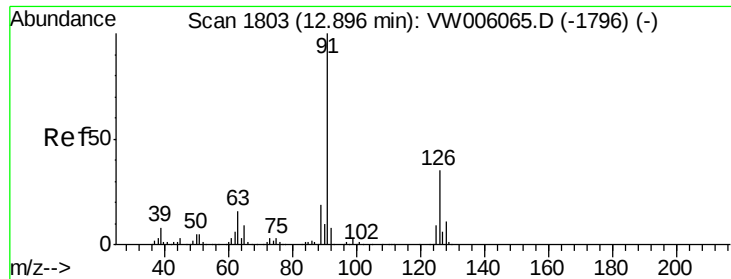
120 24.2 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

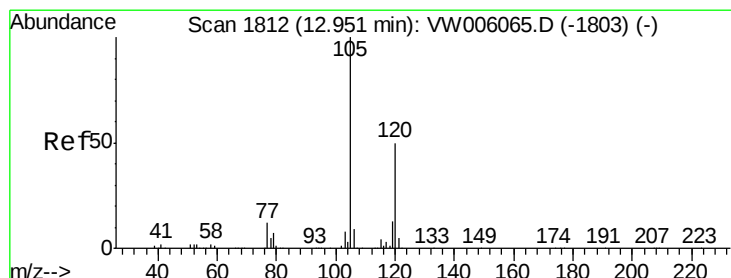
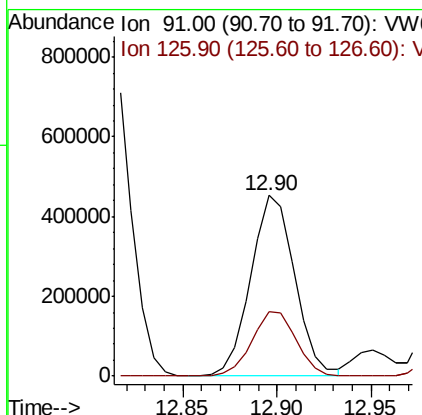
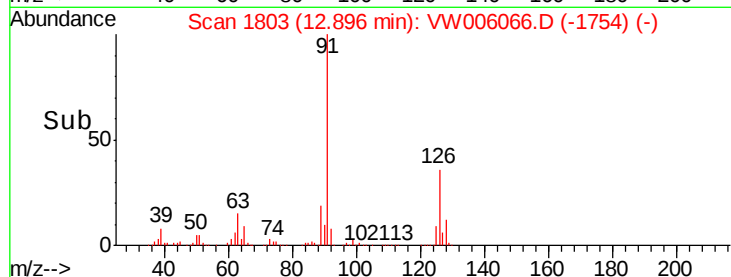
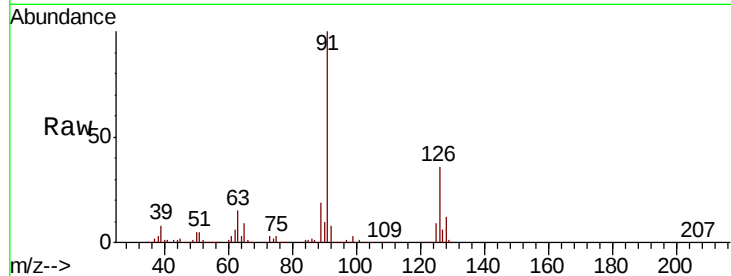




#79
 2-Chlorotoluene
 Concen: 68.967 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

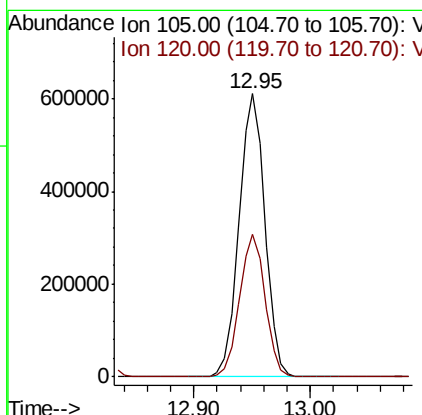
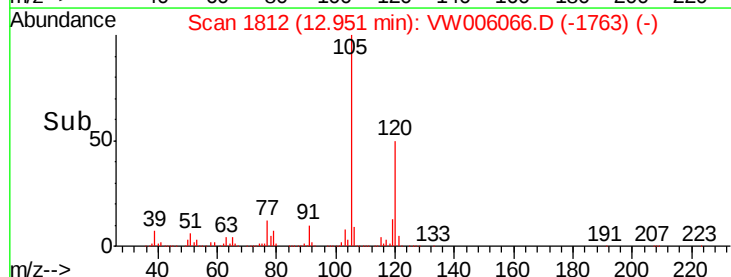
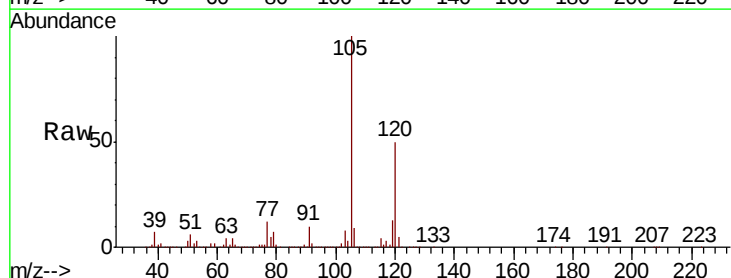
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 91 Resp: 738466
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 69.148 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion: 105 Resp: 942279
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.327 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

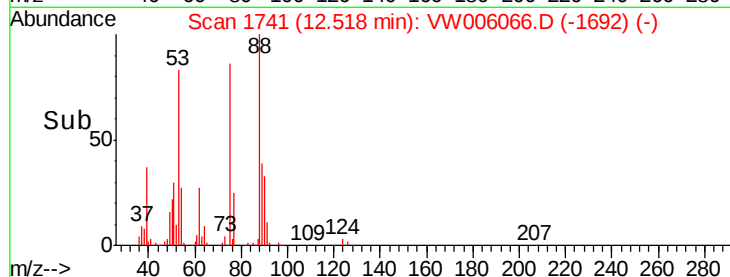
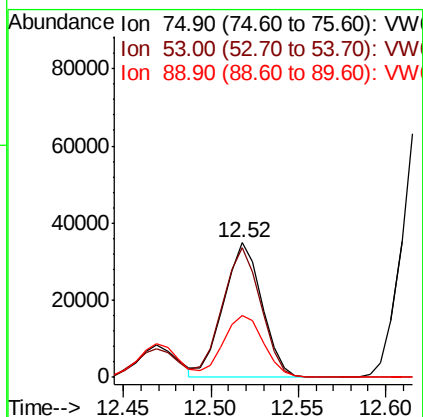
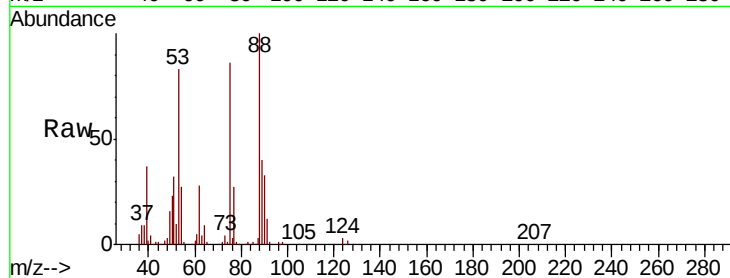
Tgt Ion: 75 Resp: 52927

Ion Ratio Lower Upper

75 100

53 97.5 79.8 119.6

89 48.2 37.5 56.3



#82

4-Chlorotoluene

Concen: 69.178 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006066.D

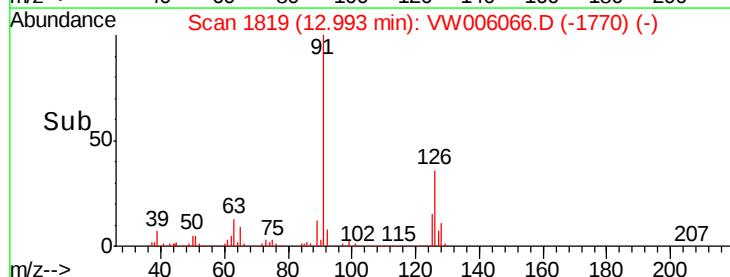
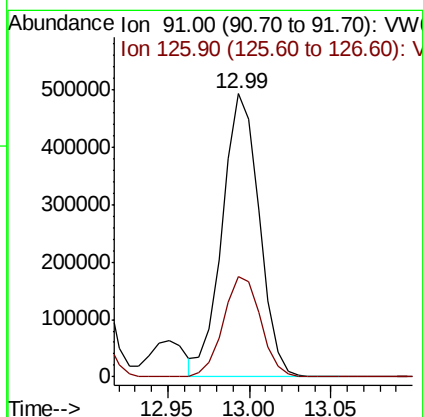
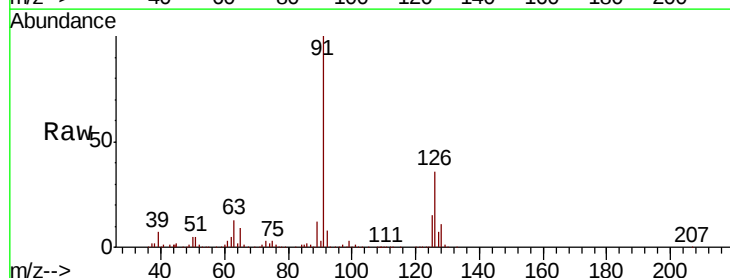
Acq: 15 Oct 2018 18:46

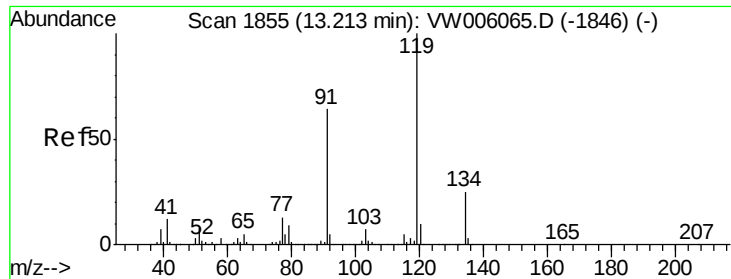
Tgt Ion: 91 Resp: 776181

Ion Ratio Lower Upper

91 100

126 35.8 18.1 54.3

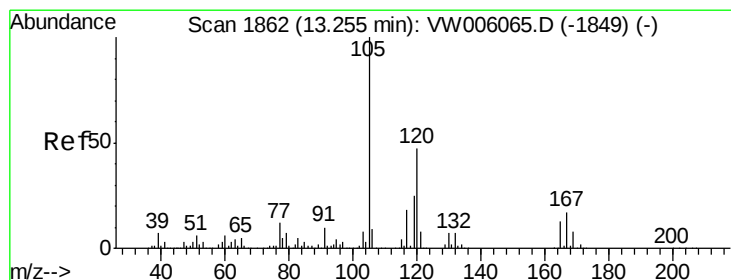
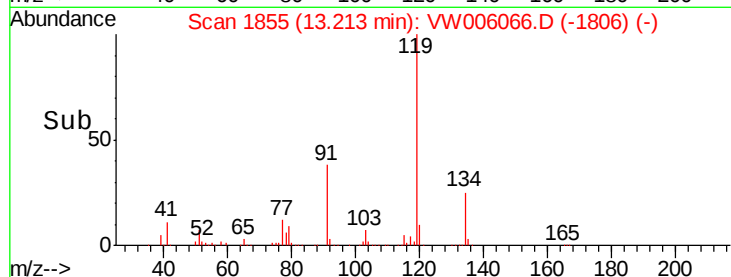
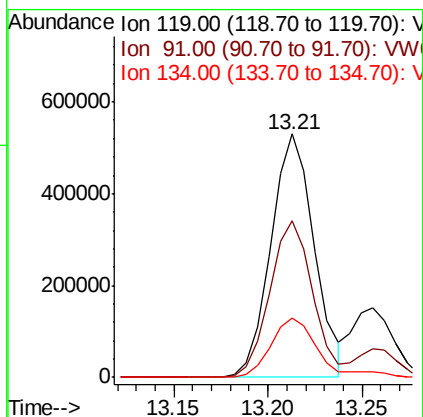
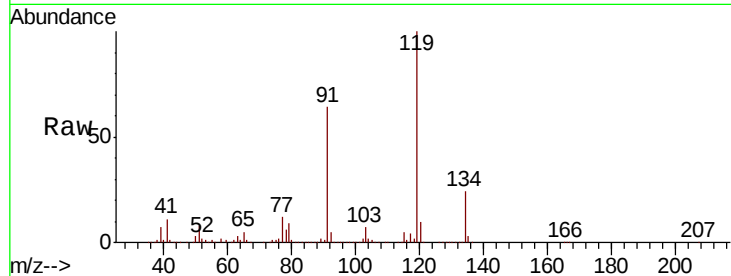




#83
tert-Butylbenzene
Concen: 69.750 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

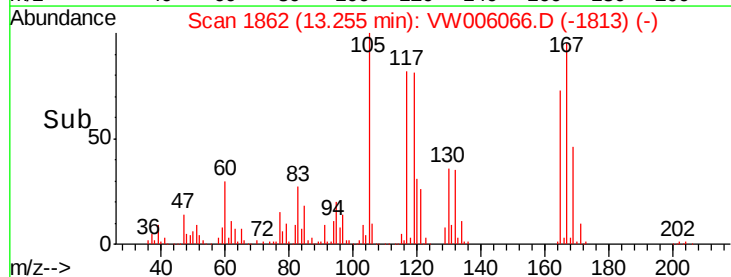
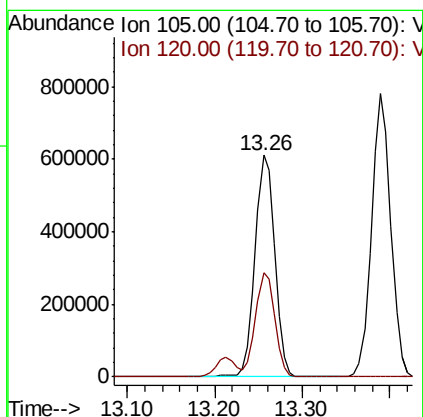
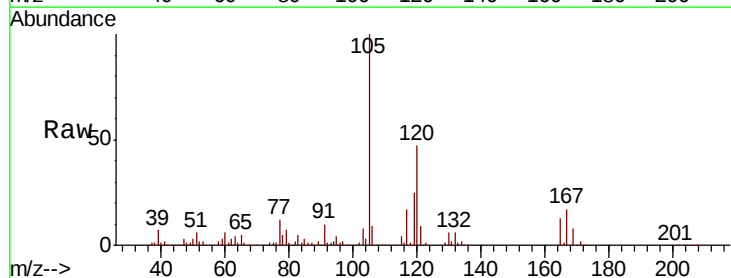
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

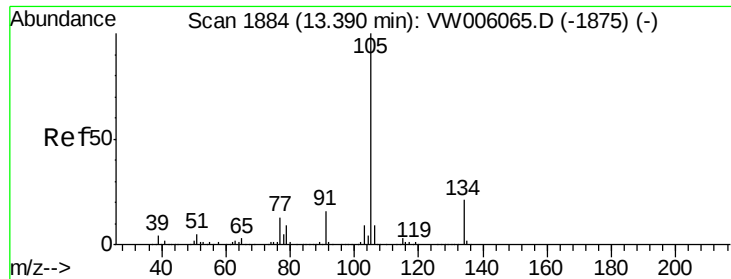
Tgt Ion:119 Resp: 844360
Ion Ratio Lower Upper
119 100
91 63.4 32.3 96.9
134 26.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 69.387 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:105 Resp: 952790
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3

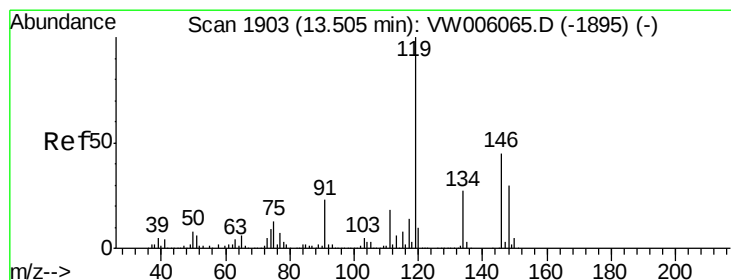
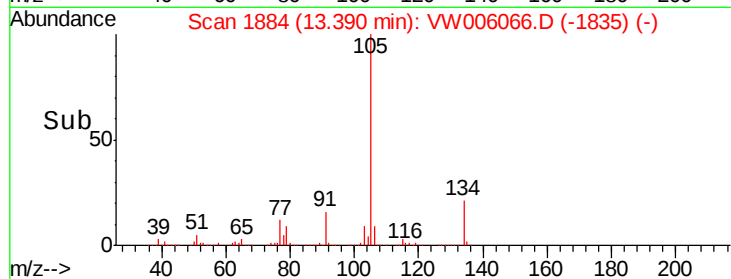
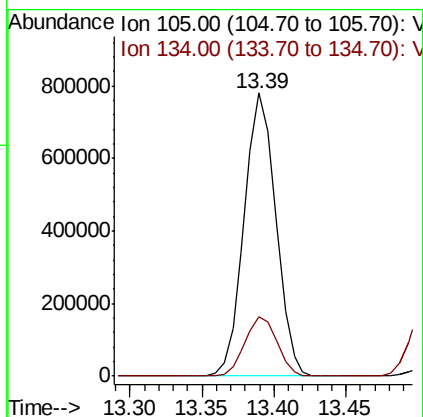
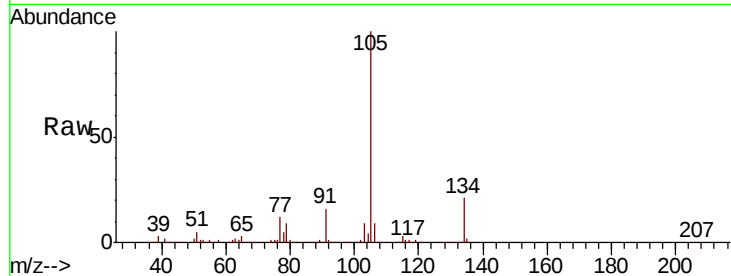




#85
 sec-Butylbenzene
 Concen: 70.007 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

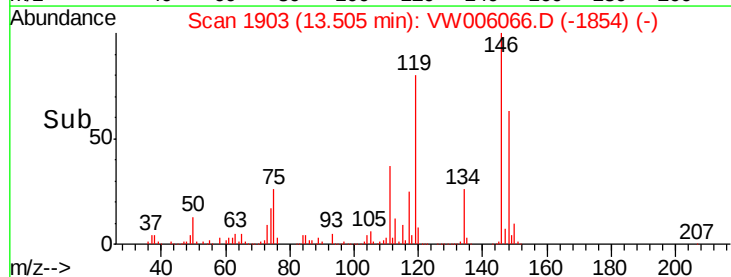
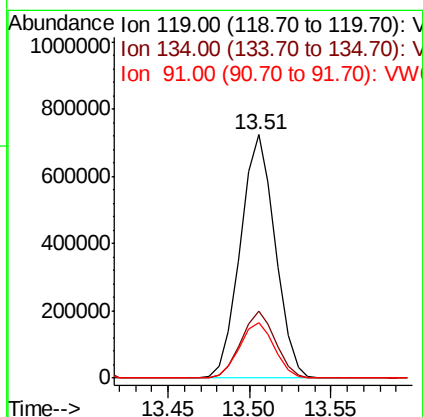
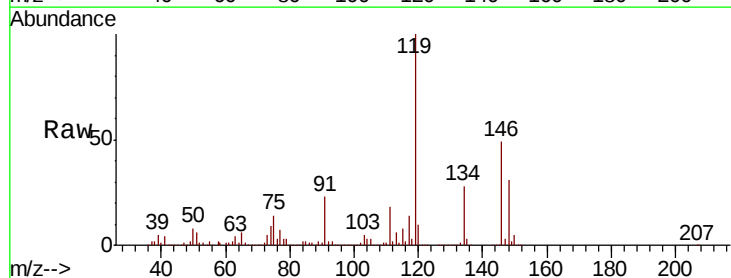
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

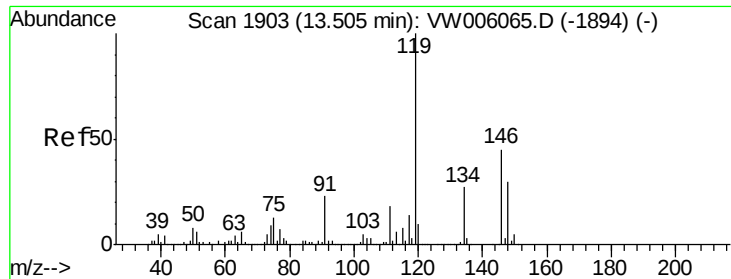
Tgt Ion:105 Resp: 1190547
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 70.332 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion:119 Resp: 1077221
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 22.8 11.4 34.1

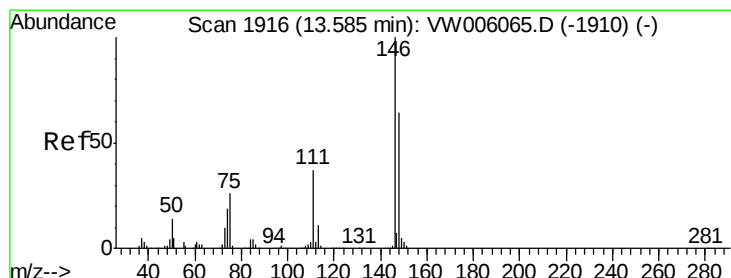
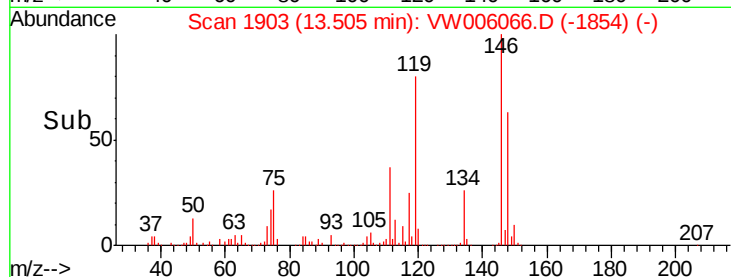
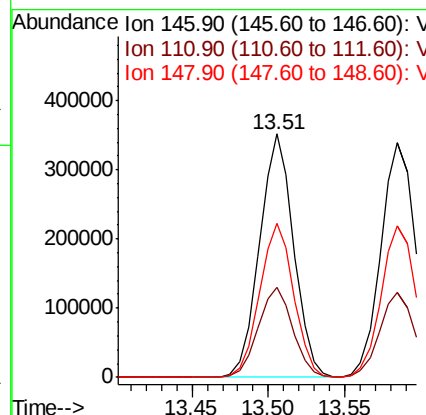
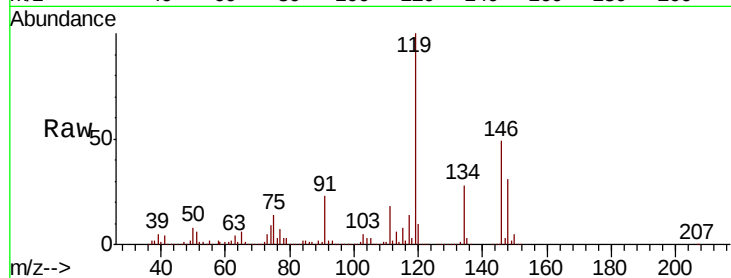




#87
 1,3-Dichlorobenzene
 Concen: 71.503 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

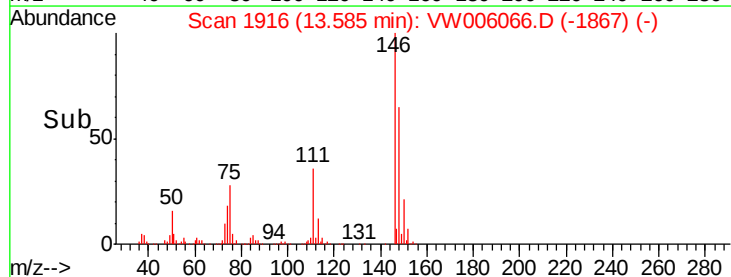
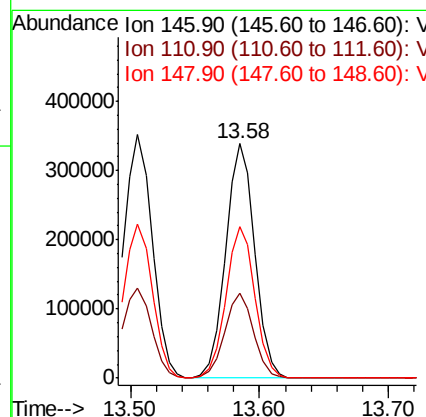
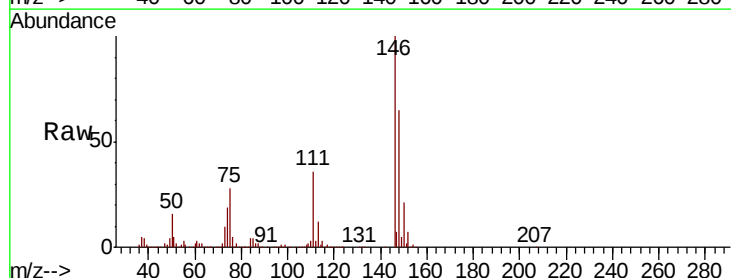
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:146 Resp: 544921
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 70.582 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion:146 Resp: 534466
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.6 56.0
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 68.172 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

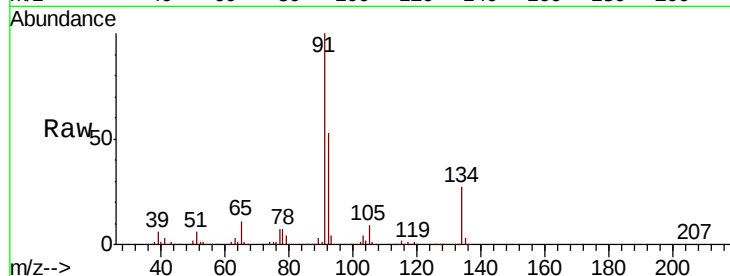
Tgt Ion: 91 Resp: 977957

Ion Ratio Lower Upper

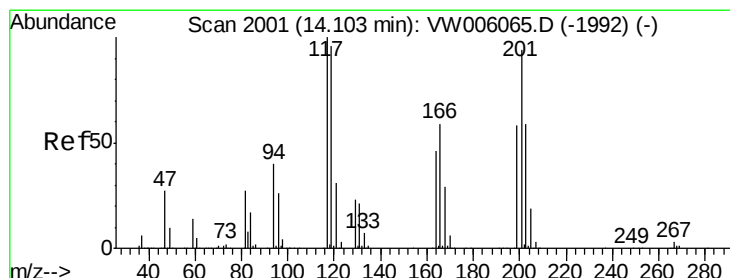
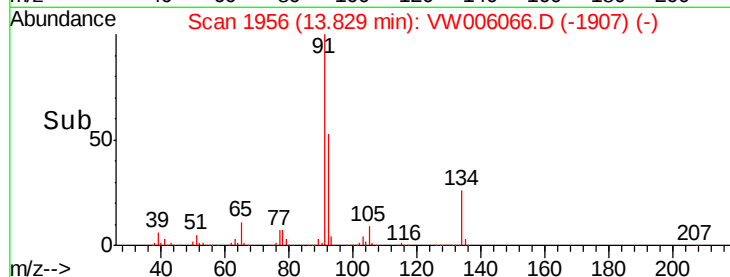
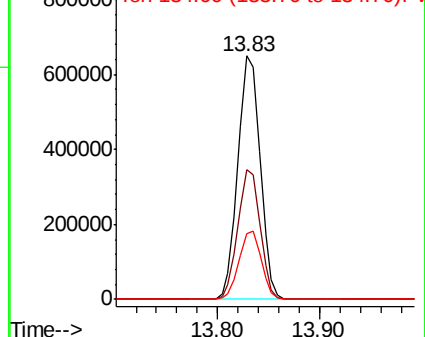
91 100

92 52.9 26.6 79.7

134 28.2 14.0 41.9



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: 66.302 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006066.D

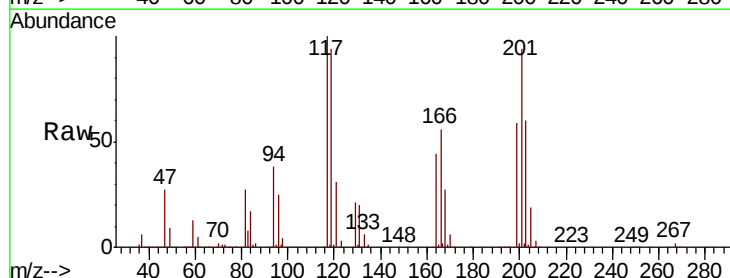
Acq: 15 Oct 2018 18:46

Tgt Ion: 117 Resp: 188920

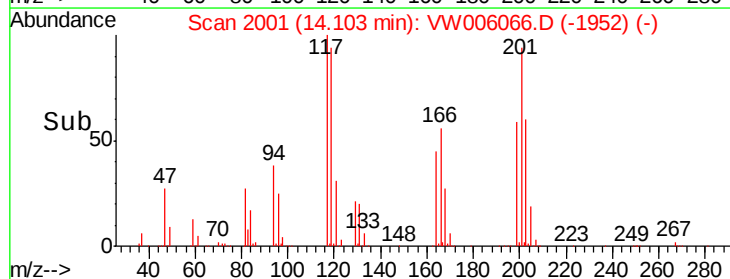
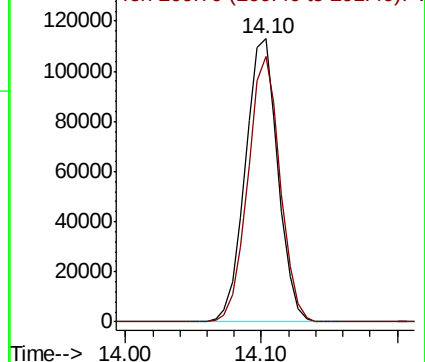
Ion Ratio Lower Upper

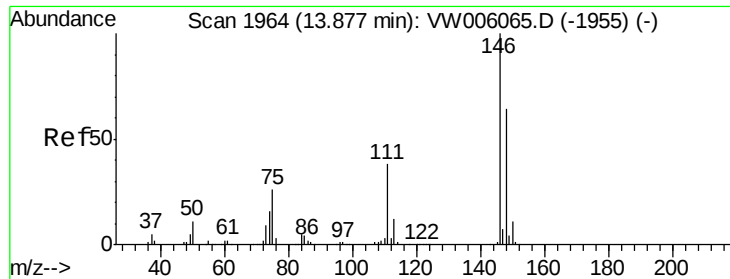
117 100

201 92.6 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 70.997 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

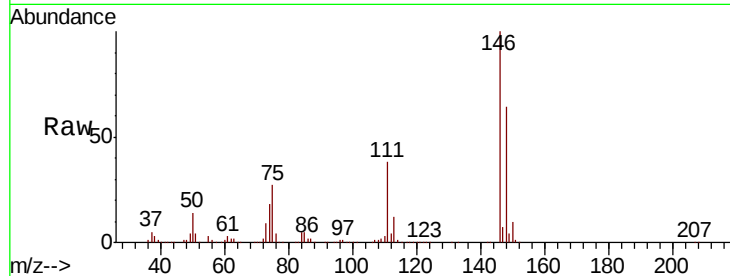
Tgt Ion:146 Resp: 481256

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

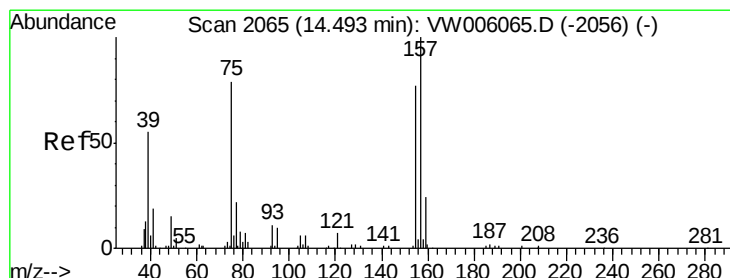
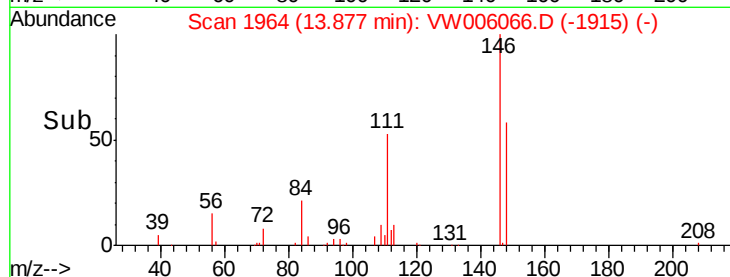
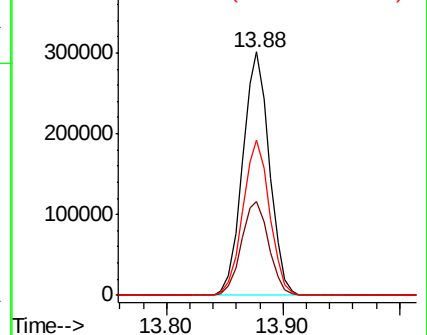
148 63.9 32.2 96.6



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: 61.147 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006066.D

Acq: 15 Oct 2018 18:46

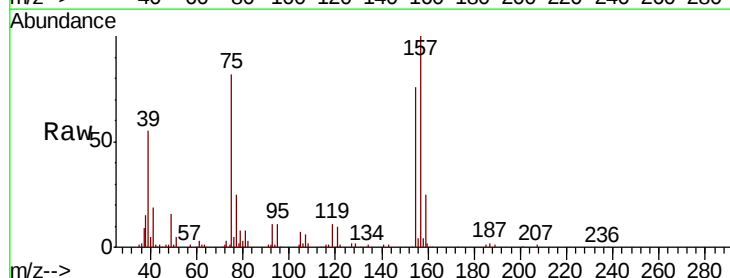
Tgt Ion: 75 Resp: 29699

Ion Ratio Lower Upper

75 100

155 94.5 46.5 139.5

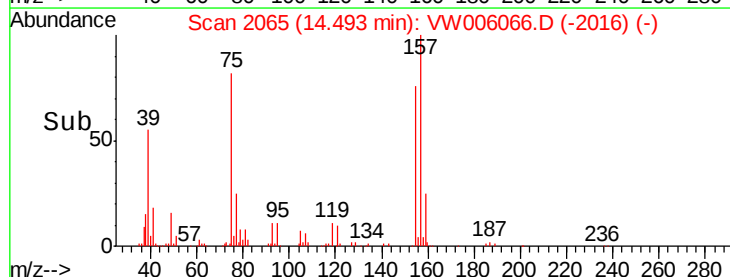
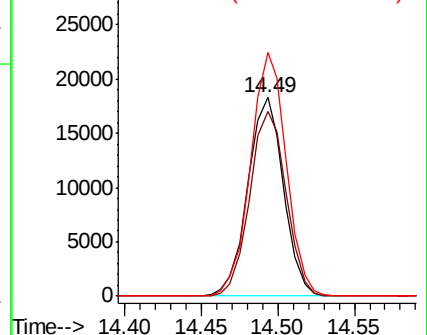
157 122.3 59.8 179.4

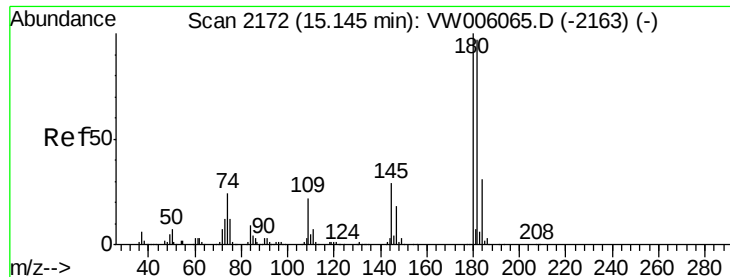


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

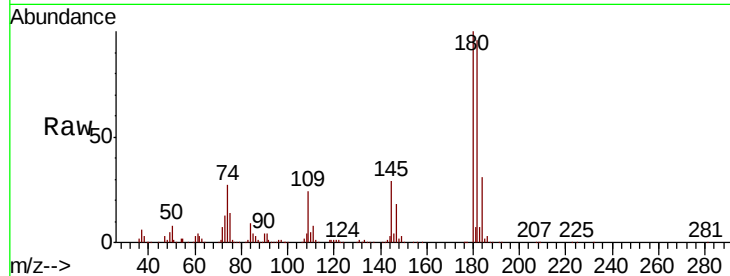




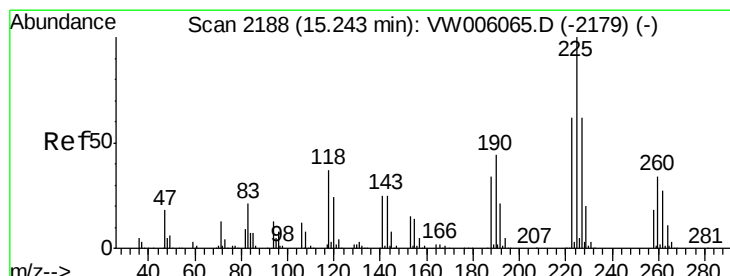
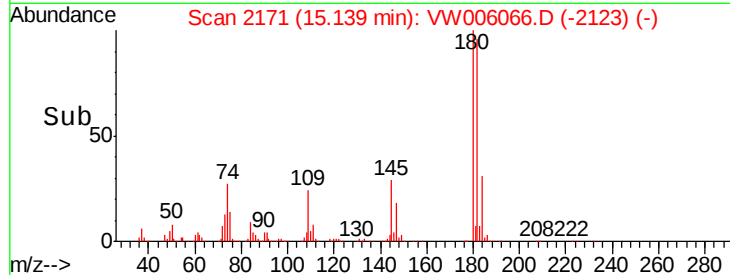
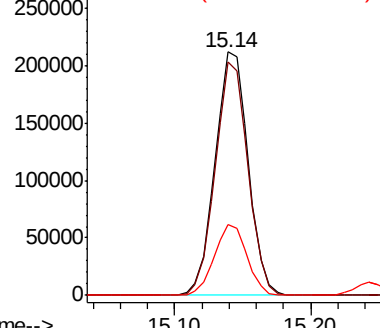
#93
 1,2,4-Trichlorobenzene
 Concen: 68.927 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:180 Resp: 359726
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.6
 145 28.7 14.2 42.8

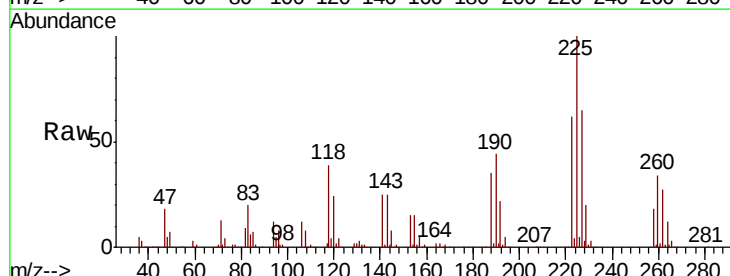


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

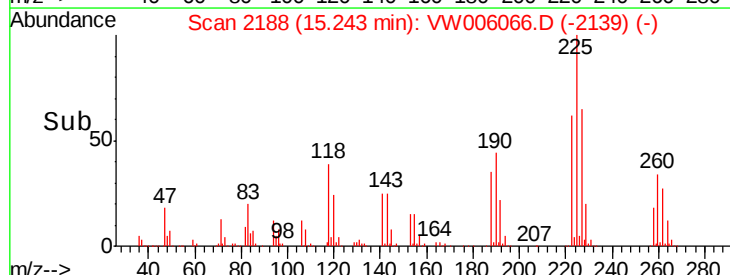
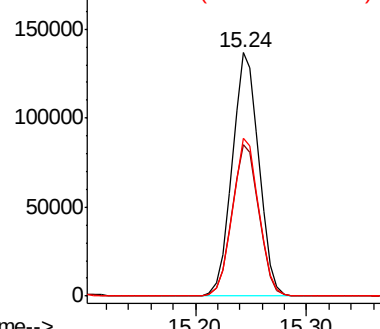


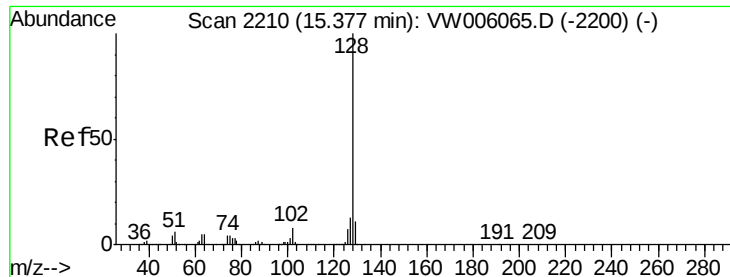
#94
 Hexachlorobutadiene
 Concen: 70.222 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006066.D
 Acq: 15 Oct 2018 18:46

Tgt Ion:225 Resp: 228876
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 64.2 32.4 97.0



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

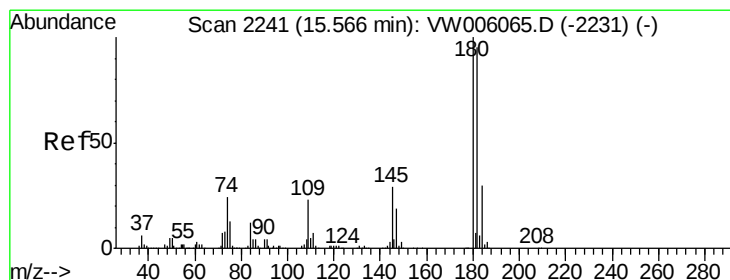
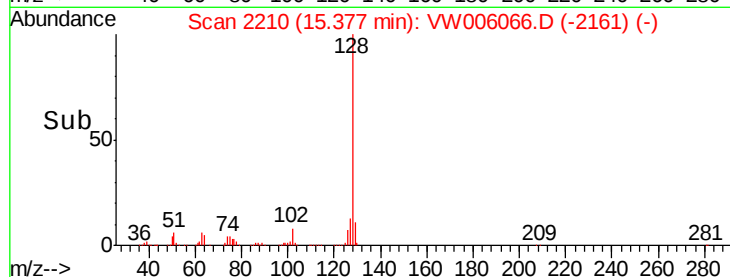
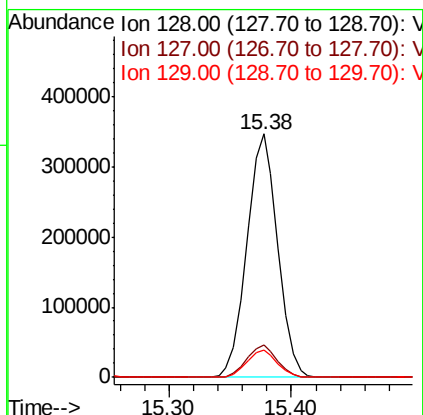
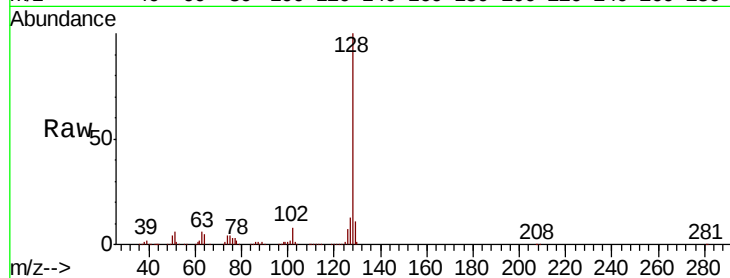




#95
Naphthalene
Concen: 67.464 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 605023
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 68.704 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006066.D
Acq: 15 Oct 2018 18:46

Tgt Ion:180 Resp: 310585
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 30.5 15.0 45.1

