

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
 Data File : VD0600CC.D
 Acq On : 1 Oct 2018 15:56
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 02 02:09:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1775989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2455394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	2021677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	1040802	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	73957	5.35	ug/l	0.00
Spiked Amount			Recovery	=	10.70%	
35) Dibromofluoromethane	6.30	113	99544	5.18	ug/l	0.00
Spiked Amount			Recovery	=	10.36%	
50) Toluene-d8	9.44	98	277269	5.16	ug/l	0.00
Spiked Amount			Recovery	=	10.32%	
62) 4-Bromofluorobenzene	12.42	95	115241	5.67	ug/l	0.00
Spiked Amount			Recovery	=	11.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	91565	4.987	ug/l	94
3) Chloromethane	1.75	50	85511	5.204	ug/l	99
4) Vinyl Chloride	1.84	62	62038	4.703	ug/l	98
5) Bromomethane	2.13	94	8634	5.640	ug/l	83
6) Chloroethane	2.24	64	16927	5.772	ug/l	90
7) Trichlorofluoromethane	2.49	101	75239	5.184	ug/l	99
8) Diethyl Ether	2.81	74	16458	5.328	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.07	101	48288	5.298	ug/l	95
10) Methyl Iodide	3.22	142	47043	4.837	ug/l	97
11) Tert butyl alcohol	3.95	59	26809	24.405	ug/l	100
12) 1,1-Dichloroethene	3.05	96	38001	5.265	ug/l	91
13) Acrolein	2.97	56	17874	26.337	ug/l	97
14) Allyl chloride	3.51	41	77931	5.133	ug/l	97
15) Acrylonitrile	4.06	53	106174	25.500	ug/l	98
16) Acetone	3.14	43	69958	26.654	ug/l	99
17) Carbon Disulfide	3.29	76	130696	5.268	ug/l	99
18) Methyl Acetate	3.53	43	28615	5.294	ug/l	93
19) Methyl tert-butyl Ether	4.10	73	165788	4.978	ug/l	98
20) Methylene Chloride	3.70	84	156949	7.012	ug/l	96
21) trans-1,2-Dichloroethene	4.08	96	93160	4.912	ug/l	98
22) Diisopropyl ether	4.84	45	352897	5.119	ug/l	97
23) Vinyl Acetate	4.78	43	1035964	26.482	ug/l	97
24) 1,1-Dichloroethane	4.73	63	157532	5.062	ug/l	98
25) 2-Butanone	5.61	43	163965	23.155	ug/l	97
26) 2,2-Dichloropropane	5.57	77	123092	5.111	ug/l	99
27) cis-1,2-Dichloroethene	5.58	96	99552	5.022	ug/l	92
28) Bromochloromethane	5.90	49	76991	5.090	ug/l	93
29) Tetrahydrofuran	5.93	42	97025	25.549	ug/l	99
30) Chloroform	6.08	83	159234	5.066	ug/l	98
31) Cyclohexane	6.34	56	172071	5.711	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	129152	4.971	ug/l	98
36) 1,1-Dichloropropene	6.50	75	126022	5.246	ug/l	99
37) Ethyl Acetate	5.67	43	83959	5.061	ug/l	98
38) Carbon Tetrachloride	6.48	117	111851	5.014	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
 Data File : VD0600CC.D
 Acq On : 1 Oct 2018 15:56
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 02 02:09:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	128806	4.726	ug/l	97
40) Benzene	6.78	78	315448	5.145	ug/l	97
41) Methacrylonitrile	5.93	41	96230	10.903	ug/l #	90
42) 1,2-Dichloroethane	6.88	62	88003	4.786	ug/l	98
43) Isopropyl Acetate	8.33	43	102979	4.685	ug/l #	97
44) Trichloroethene	7.72	130	95886	5.035	ug/l	96
45) 1,2-Dichloropropane	8.09	63	78836	4.804	ug/l	95
46) Dibromomethane	8.19	93	52885	4.958	ug/l	93
47) Bromodichloromethane	8.47	83	112445	4.876	ug/l	95
48) Methyl methacrylate	8.23	41	63198	5.157	ug/l	94
49) 1,4-Dioxane	8.21	88	11964	98.112	ug/l #	76
51) 4-Methyl-2-Pentanone	9.33	43	350379	23.237	ug/l	97
52) Toluene	9.53	92	197597	4.994	ug/l	95
53) t-1,3-Dichloropropene	9.91	75	93316	4.333	ug/l	95
54) cis-1,3-Dichloropropene	9.09	75	118650	4.618	ug/l	96
55) 1,1,2-Trichloroethane	10.17	97	73083	5.325	ug/l	92
56) Ethyl methacrylate	10.01	69	69779	4.613	ug/l	97
57) 1,3-Dichloropropane	10.37	76	101019	4.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	236315	31.678	ug/l	92
59) 2-Hexanone	10.48	43	247526	22.748	ug/l	99
60) Dibromochloromethane	10.62	129	76385	4.613	ug/l	97
61) 1,2-Dibromoethane	10.74	107	69735	4.923	ug/l	97
64) Tetrachloroethene	10.24	164	88470	5.024	ug/l	96
65) Chlorobenzene	11.30	112	228399	5.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.41	131	75871	5.246	ug/l	98
67) Ethyl Benzene	11.42	91	389585	5.644	ug/l	100
68) m/p-Xylenes	11.55	106	278343	10.949	ug/l	94
69) o-Xylene	11.92	106	130477	5.146	ug/l	86
70) Styrene	11.94	104	220579	5.181	ug/l	95
71) Bromoform	12.11	173	53944	4.358	ug/l	97
73) Isopropylbenzene	12.27	105	360071	5.324	ug/l	98
74) N-amyl acetate	12.12	43	131745	4.949	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.55	83	79272	5.171	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	81682	5.222	ug/l	97
77) Bromobenzene	12.53	156	105545	5.386	ug/l	88
78) n-propylbenzene	12.63	91	456329	5.382	ug/l	98
79) 2-Chlorotoluene	12.70	91	252059	5.277	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	287908	5.557	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.34	75	21716	4.607	ug/l #	87
82) 4-Chlorotoluene	12.80	91	298812	5.689	ug/l	94
83) tert-Butylbenzene	13.04	119	315774	5.250	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	291044	5.248	ug/l	99
85) sec-Butylbenzene	13.21	105	387499	5.459	ug/l	98
86) p-Isopropyltoluene	13.33	119	308682	5.373	ug/l	97
87) 1,3-Dichlorobenzene	13.30	146	182731	5.373	ug/l	100
88) 1,4-Dichlorobenzene	13.38	146	178340	5.174	ug/l	98
89) n-Butylbenzene	13.64	91	312597	5.586	ug/l	97
90) Hexachloroethane	13.85	117	61082	4.300	ug/l	69
91) 1,2-Dichlorobenzene	13.66	146	159855	5.695	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.22	75	10059	4.296	ug/l	71

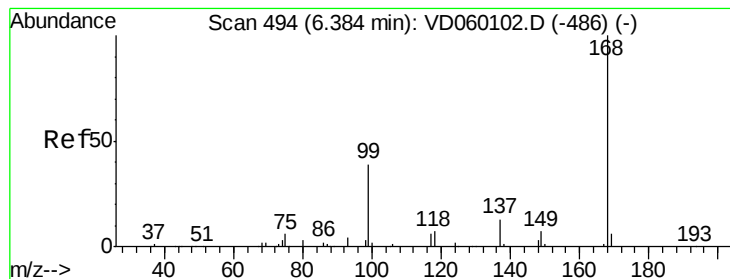
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
Data File : VD0600CC.D
Acq On : 1 Oct 2018 15:56
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 02 02:09:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	123114	5.079	ug/l	97
94) Hexachlorobutadiene	14.88	225	77652	4.835	ug/l	98
95) Naphthalene	14.96	128	188938	5.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.10	180	106833	5.033	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

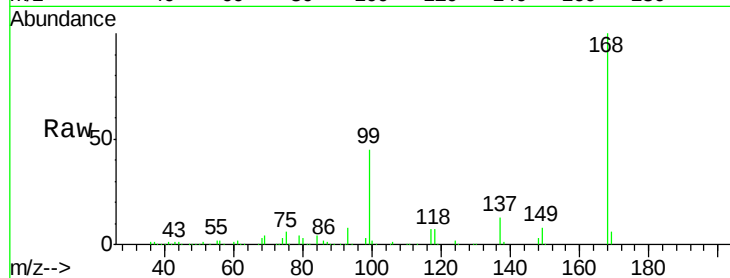
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1775989

Ion Ratio Lower Upper

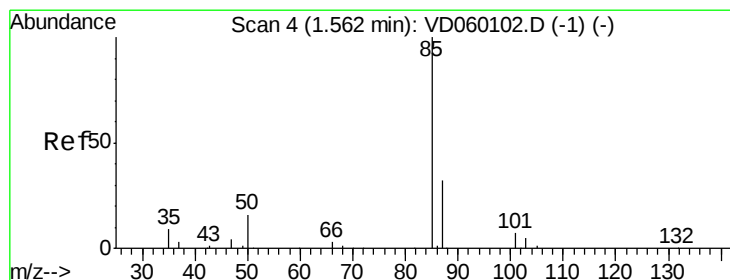
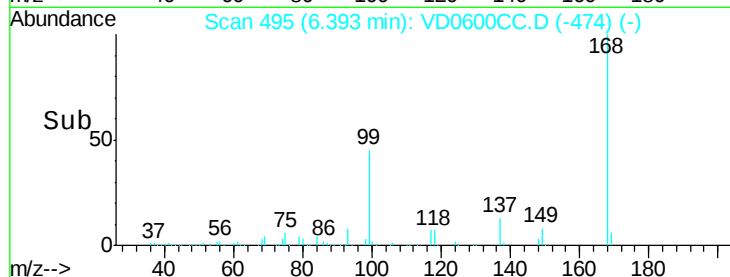
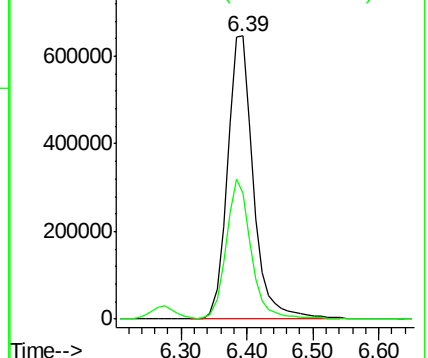
168 100

99 44.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 4.987 ug/l

RT: 1.58 min Scan# 6

Delta R.T. 0.02 min

Lab File: VD0600CC.D

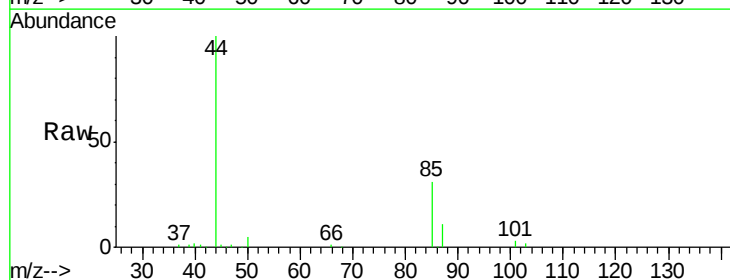
Acq: 1 Oct 2018 15:56

Tgt Ion: 85 Resp: 91565

Ion Ratio Lower Upper

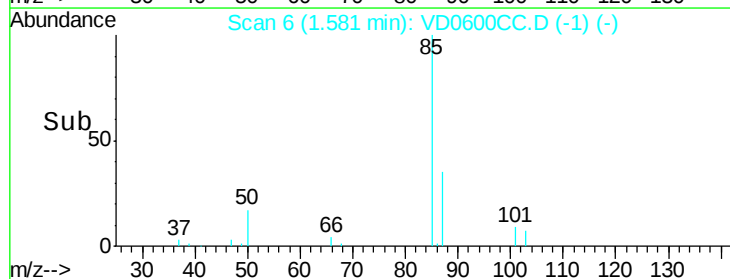
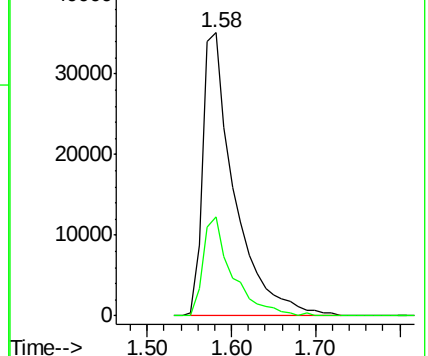
85 100

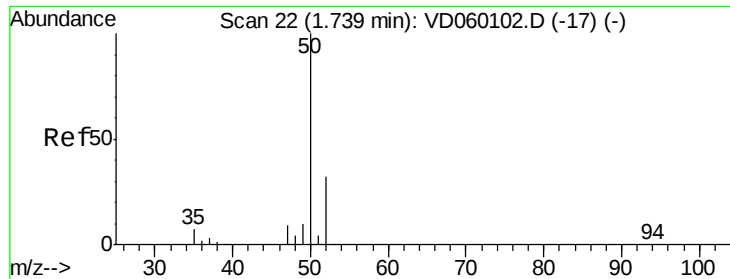
87 34.8 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.204 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

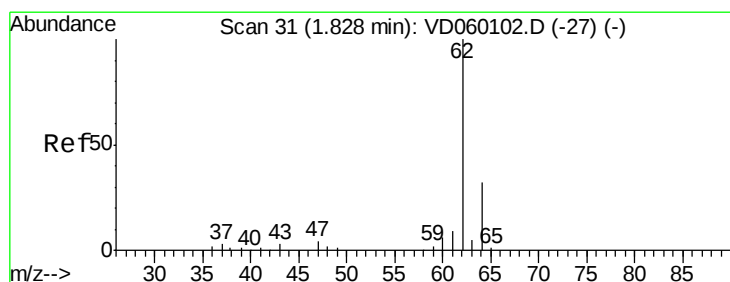
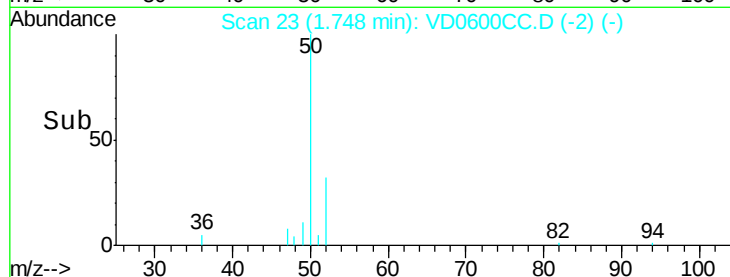
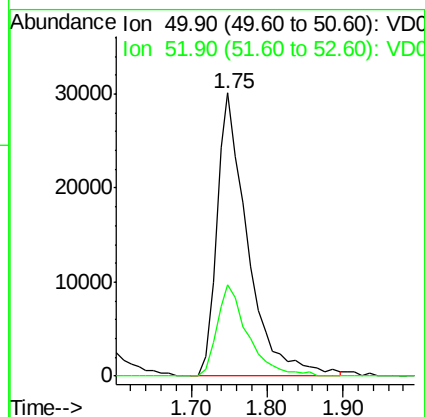
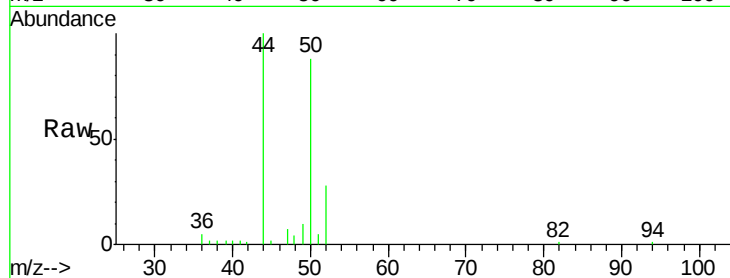
ClientSampleId :

Tgt Ion: 50 Resp: 85511

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 4.703 ug/l

RT: 1.84 min Scan# 32

Delta R.T. 0.01 min

Lab File: VD0600CC.D

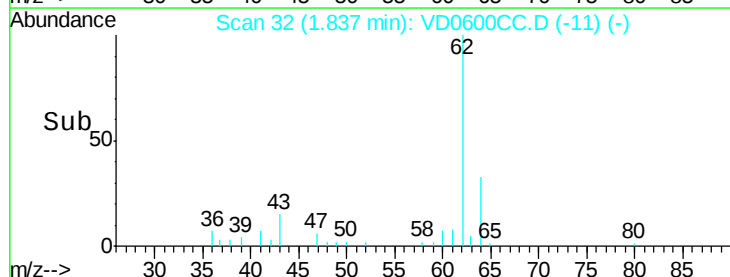
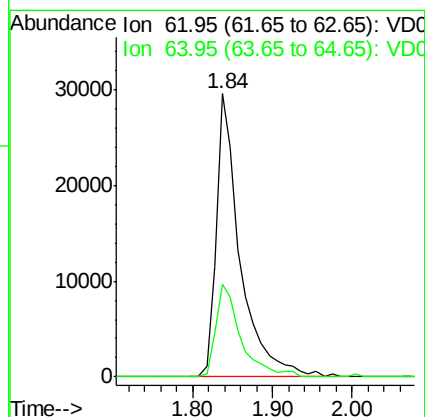
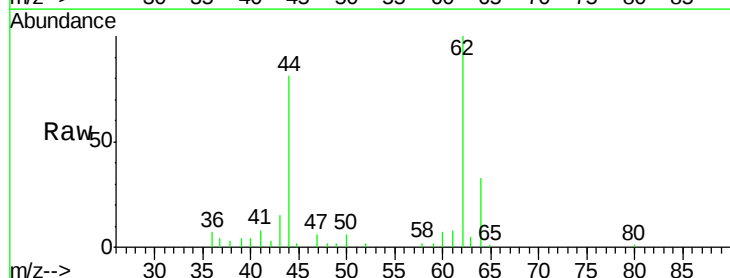
Acq: 1 Oct 2018 15:56

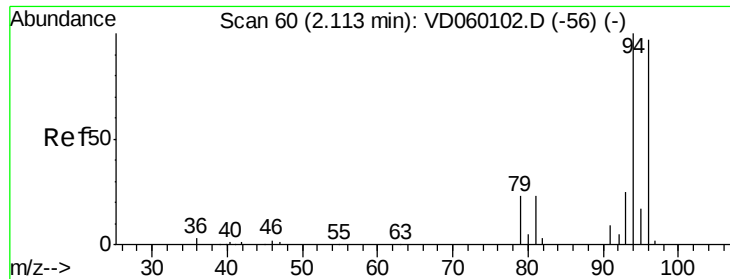
Tgt Ion: 62 Resp: 62038

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 5.640 ug/l

RT: 2.13 min Scan# 62

Delta R.T. 0.02 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

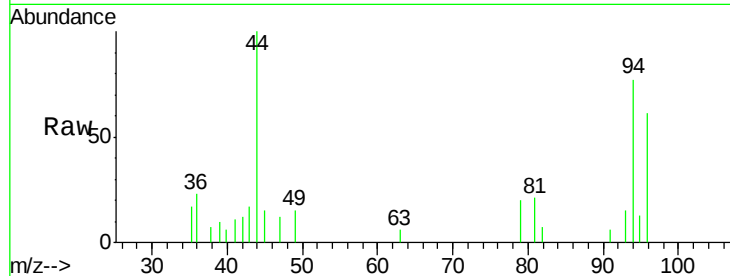
ClientSampleId :

Tgt Ion: 94 Resp: 8634

Ion Ratio Lower Upper

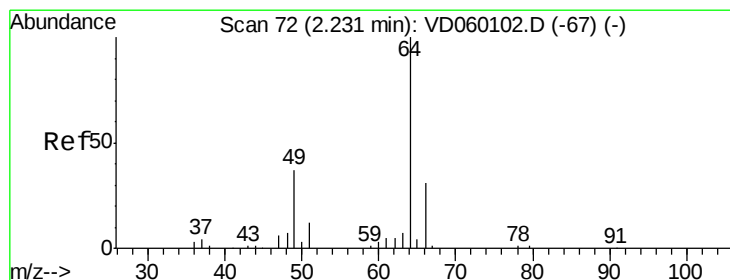
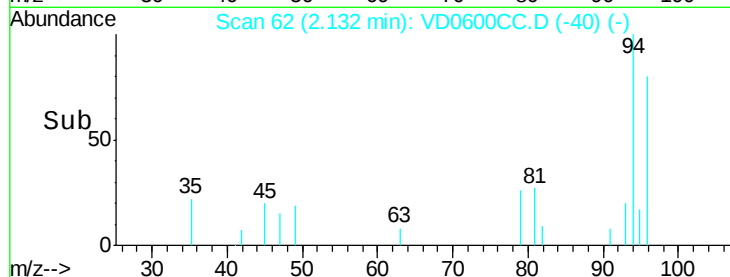
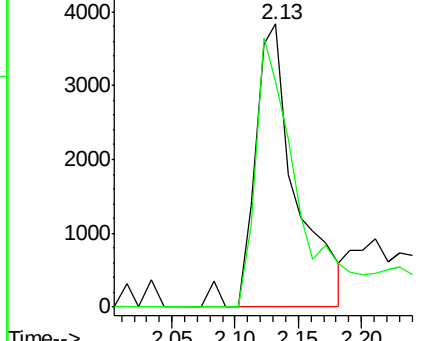
94 100

96 79.7 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.772 ug/l

RT: 2.24 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD0600CC.D

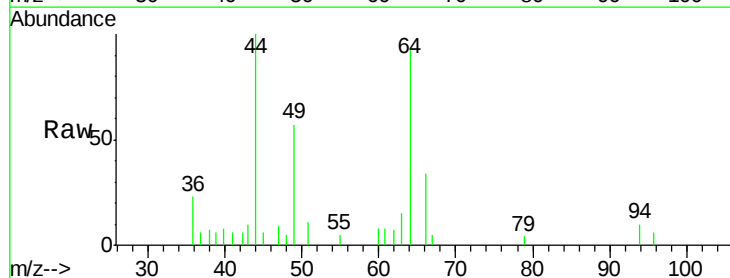
Acq: 1 Oct 2018 15:56

Tgt Ion: 64 Resp: 16927

Ion Ratio Lower Upper

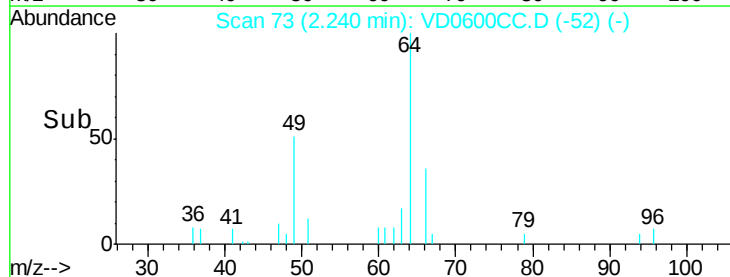
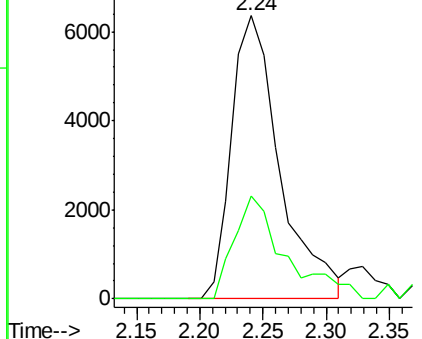
64 100

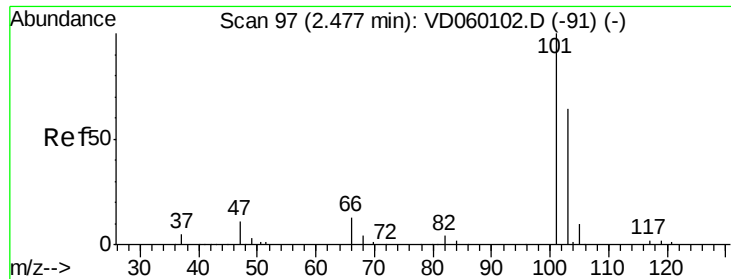
66 36.3 24.6 37.0



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 5.184 ug/l

RT: 2.49 min Scan# 98

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

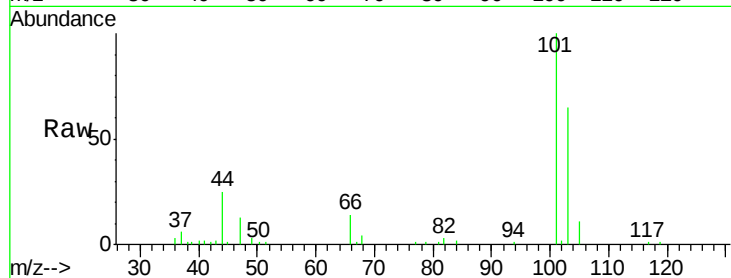
ClientSampleId :

Tgt Ion:101 Resp: 75239

Ion Ratio Lower Upper

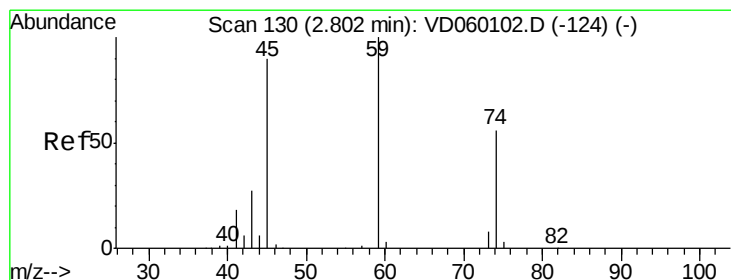
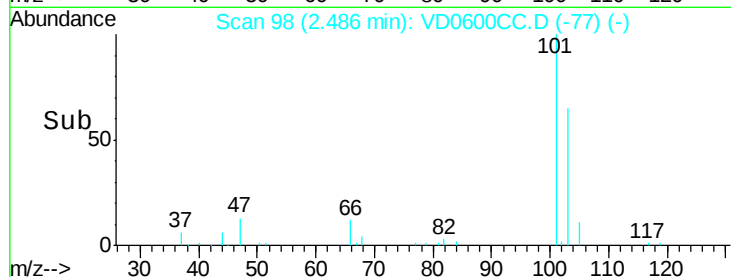
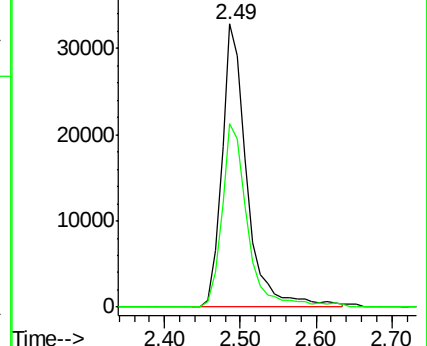
101 100

103 65.0 51.5 77.3



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 5.328 ug/l

RT: 2.81 min Scan# 131

Delta R.T. 0.01 min

Lab File: VD0600CC.D

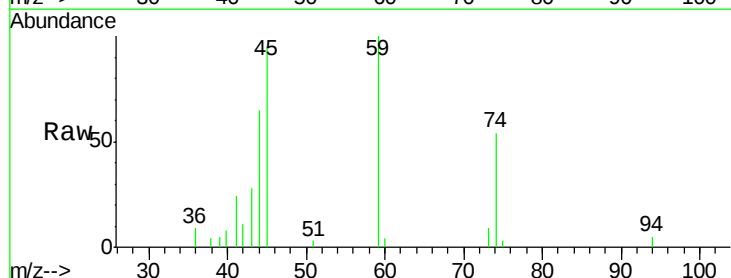
Acq: 1 Oct 2018 15:56

Tgt Ion: 74 Resp: 16458

Ion Ratio Lower Upper

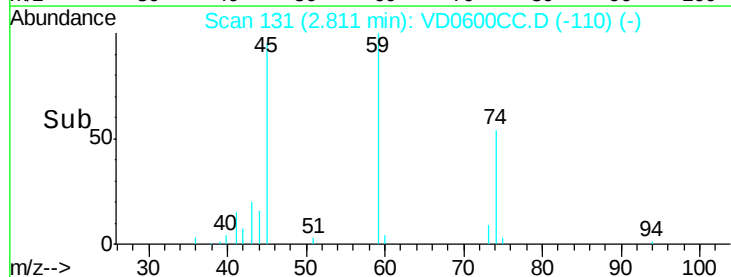
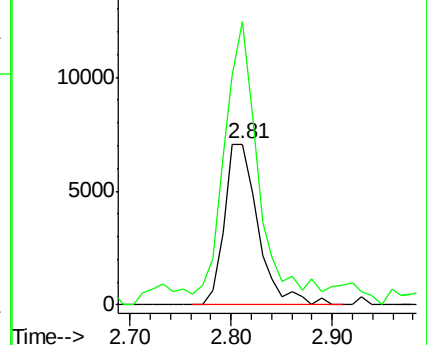
74 100

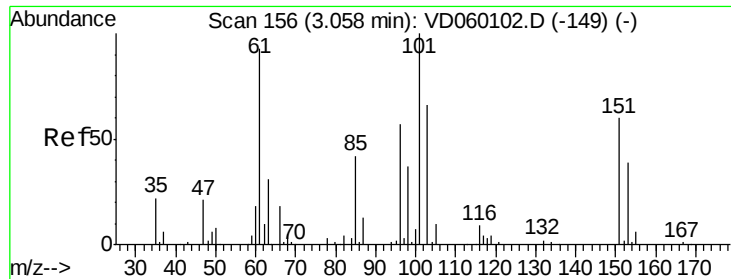
45 176.1 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.298 ug/l

RT: 3.07 min Scan# 157

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampled :

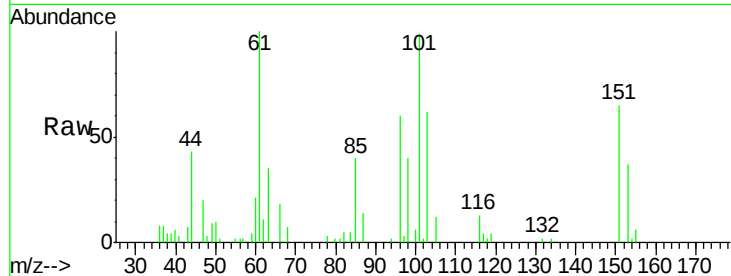
Tgt Ion:101 Resp: 48288

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.0

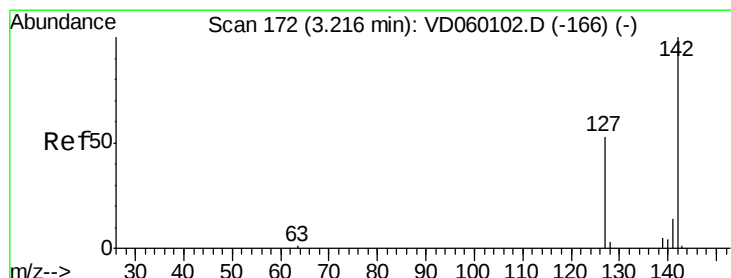
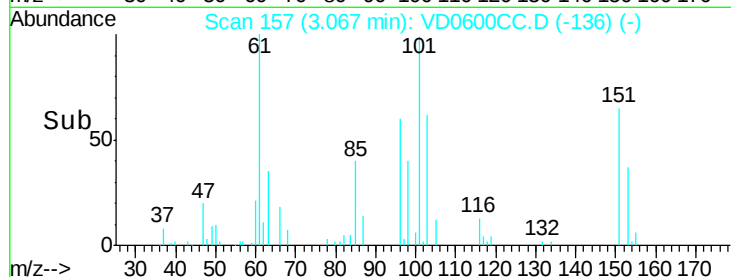
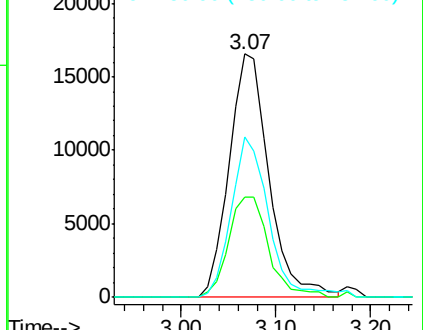
151 65.9 48.0 72.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 4.837 ug/l

RT: 3.22 min Scan# 173

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

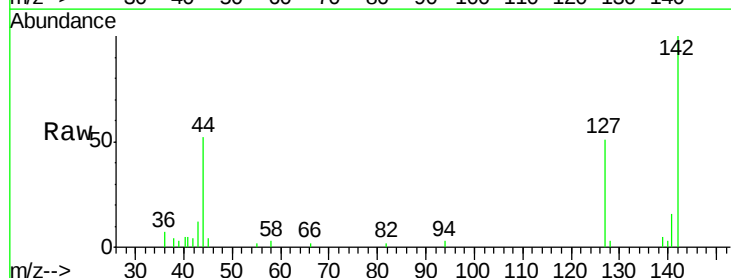
Tgt Ion:142 Resp: 47043

Ion Ratio Lower Upper

142 100

127 51.1 42.0 63.0

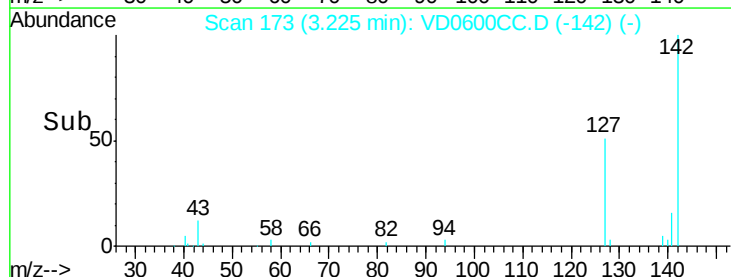
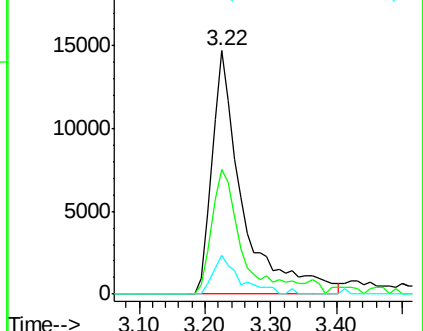
141 16.1 11.4 17.0

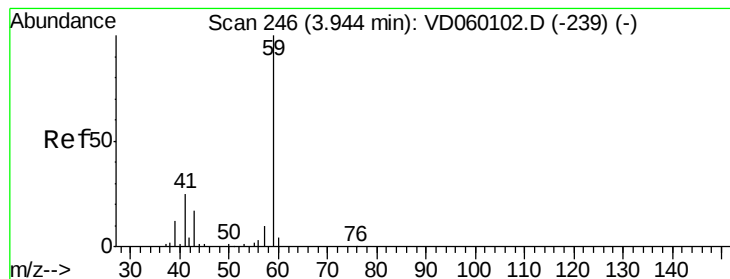


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



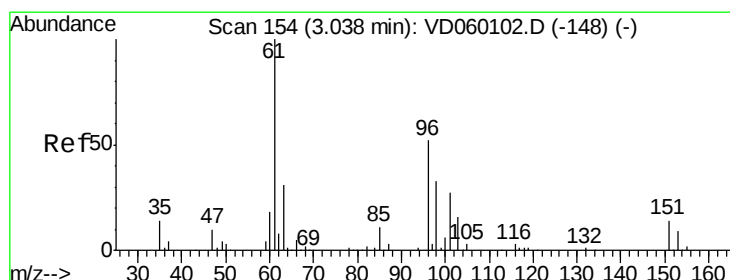
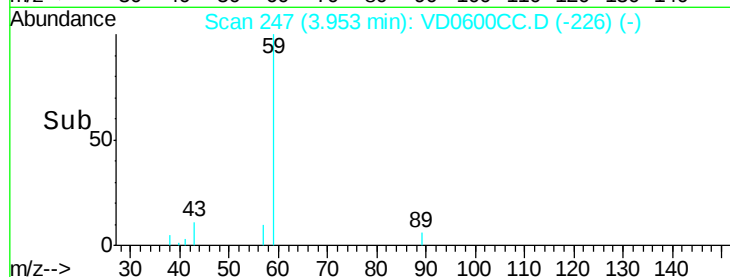
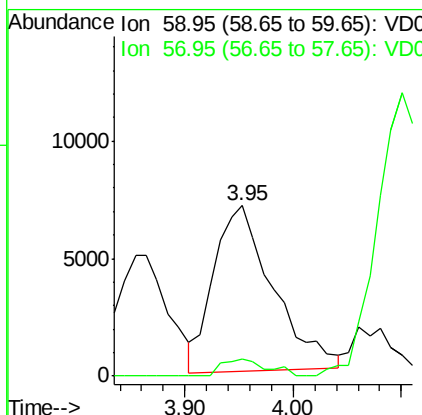
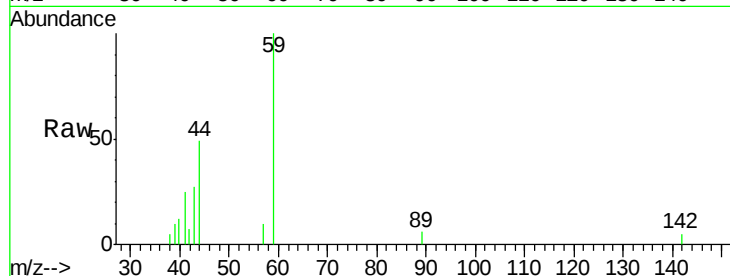


#11

Tert butyl alcohol
 Concen: 24.405 ug/l
 RT: 3.95 min Scan# 247
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Instrument :
 MSVOA_D
 ClientSampleId :

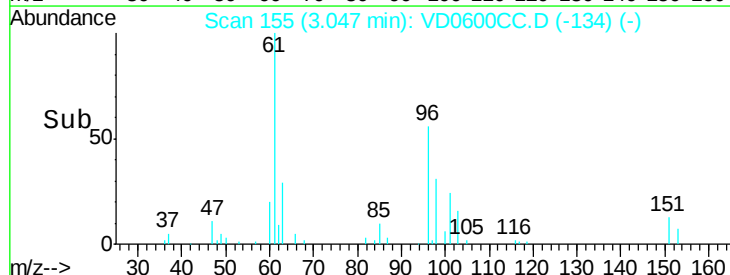
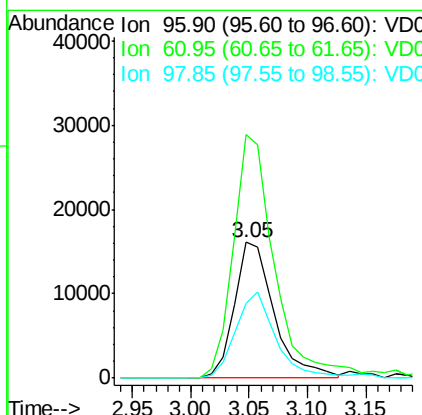
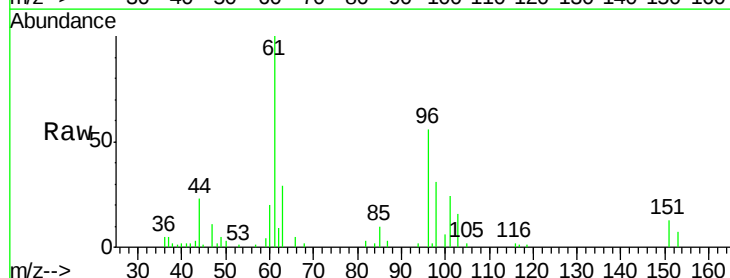
Tgt Ion: 59 Resp: 26809
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

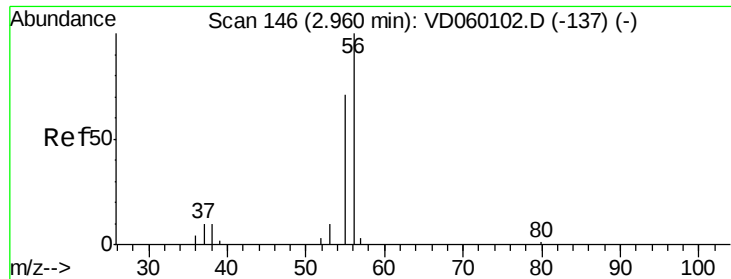


#12

1,1-Dichloroethene
 Concen: 5.265 ug/l
 RT: 3.05 min Scan# 155
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 96 Resp: 38001
 Ion Ratio Lower Upper
 96 100
 61 179.3 153.0 229.4
 98 54.9 51.1 76.7





#13

Acrolein

Concen: 26.337 ug/l

RT: 2.97 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

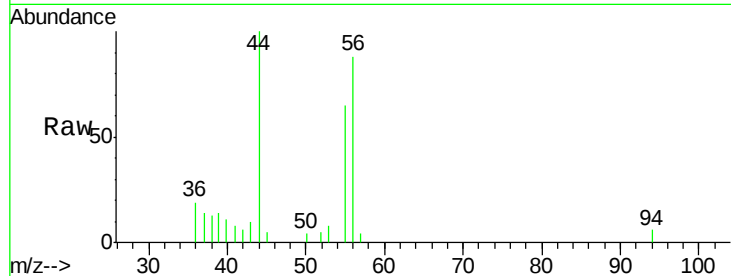
ClientSampleId :

Tgt Ion: 56 Resp: 17874

Ion Ratio Lower Upper

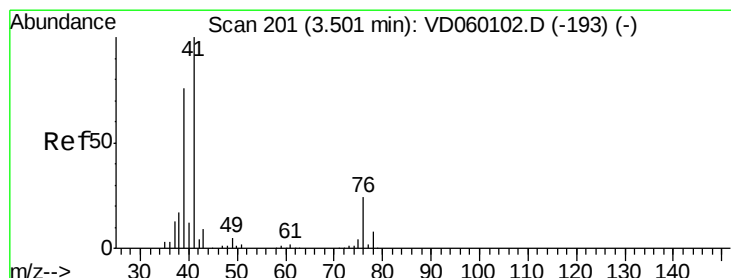
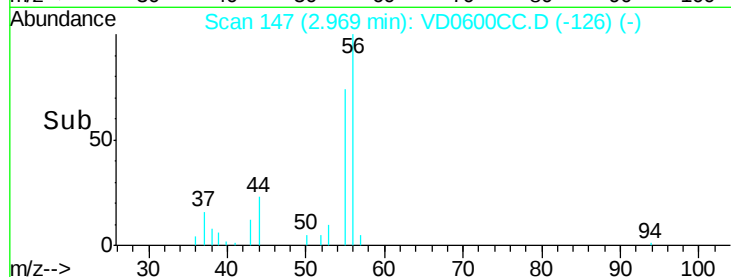
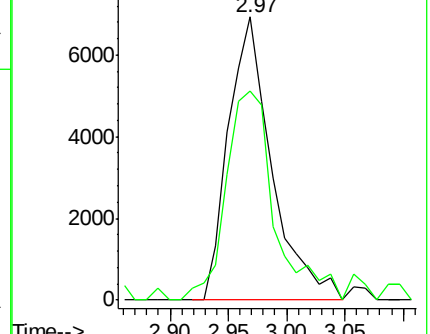
56 100

55 73.9 57.4 86.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 5.133 ug/l

RT: 3.51 min Scan# 202

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

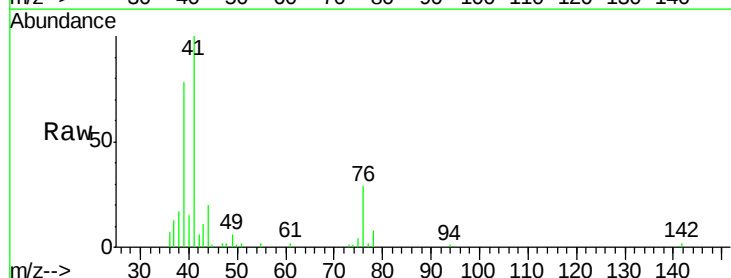
Tgt Ion: 41 Resp: 77931

Ion Ratio Lower Upper

41 100

39 77.8 60.6 90.8

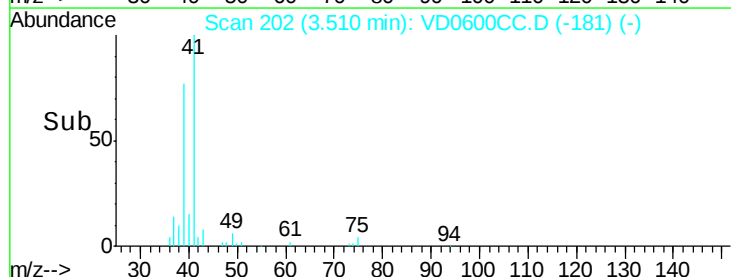
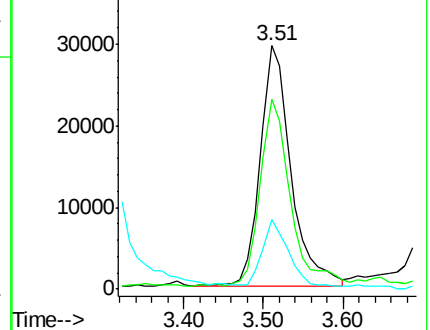
76 28.8 21.3 31.9

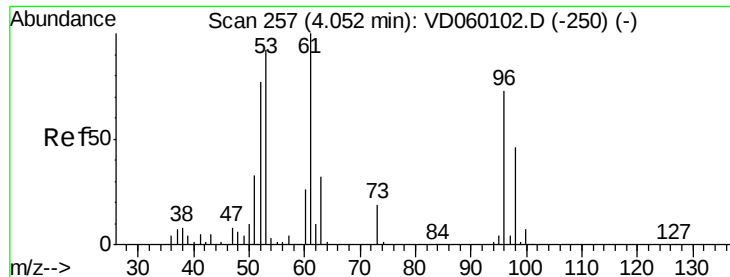


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 25.500 ug/l

RT: 4.06 min Scan# 258

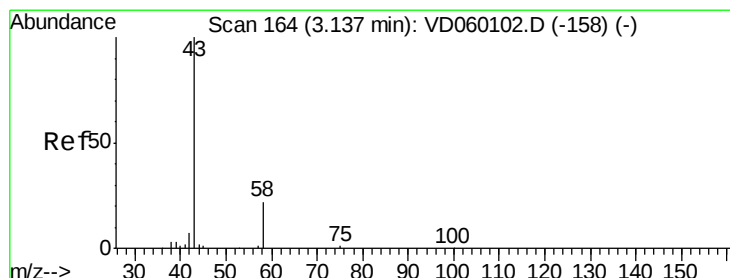
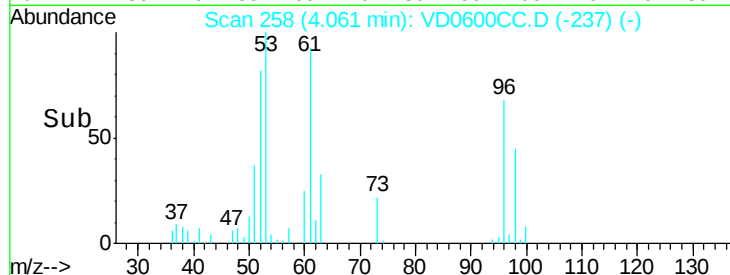
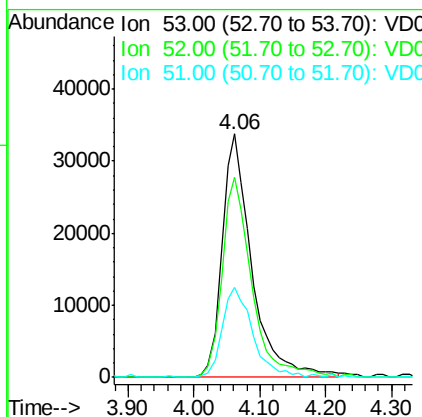
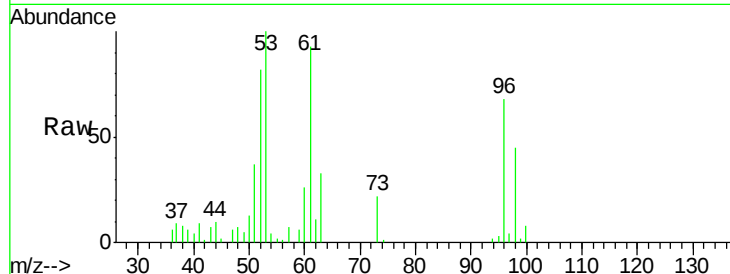
Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	53	Resp:	106174
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.5	101.3
51	36.8	29.3	43.9



#16

Acetone

Concen: 26.654 ug/l

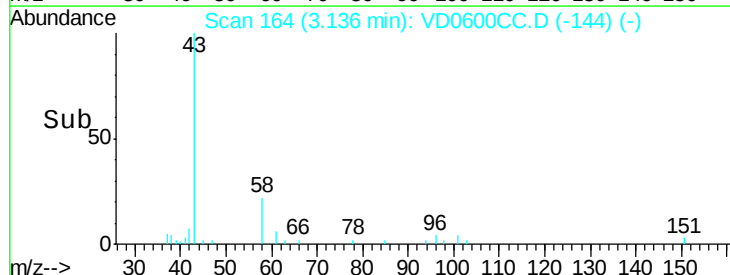
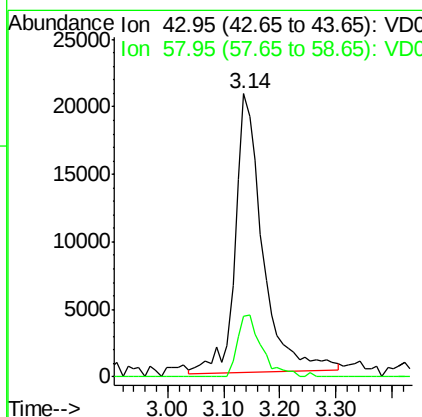
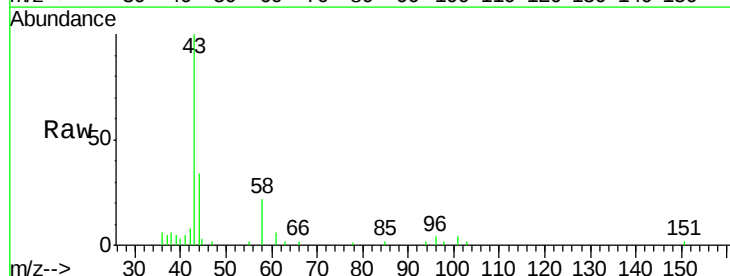
RT: 3.14 min Scan# 164

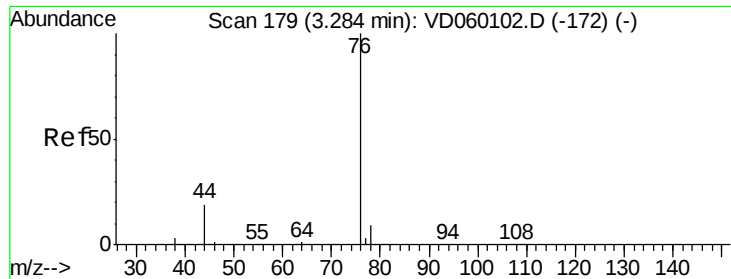
Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Tgt Ion:	43	Resp:	69958
Ion	Ratio	Lower	Upper
43	100		
58	21.6	17.7	26.5

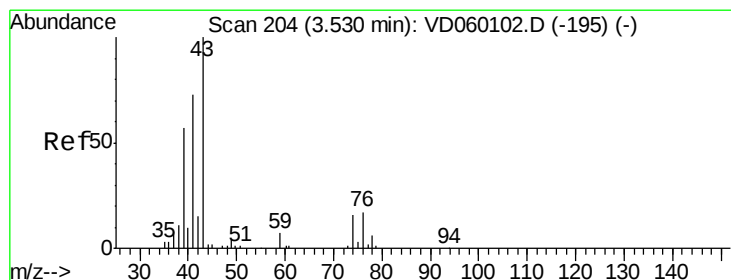
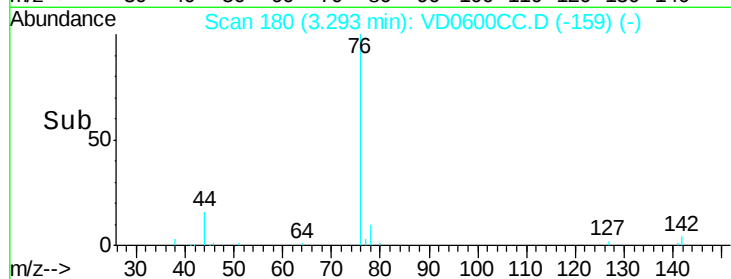
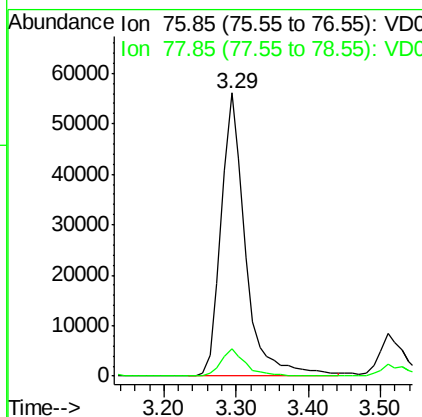
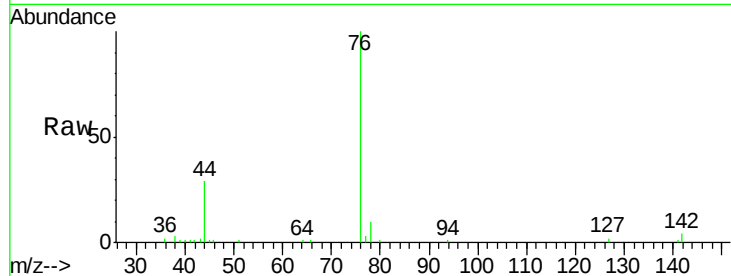




#17
Carbon Disulfide
Concen: 5.268 ug/l
RT: 3.29 min Scan# 180
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

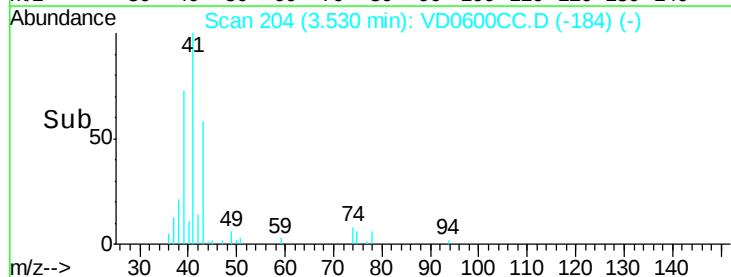
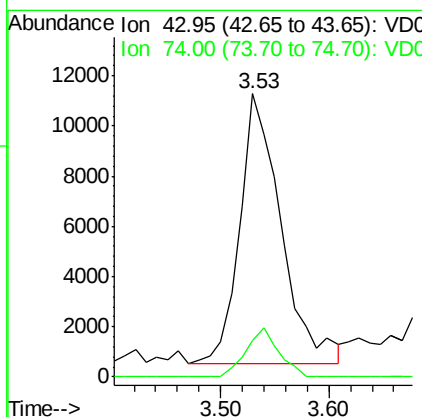
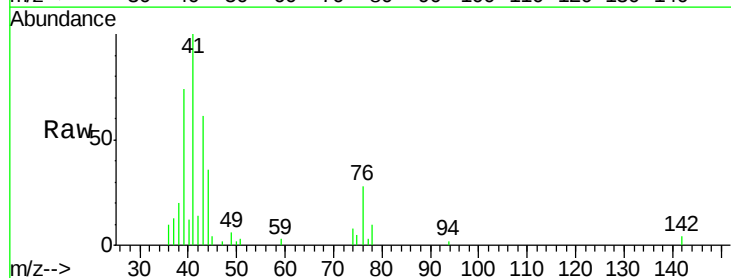
Instrument :
MSVOA_D
ClientSampled :

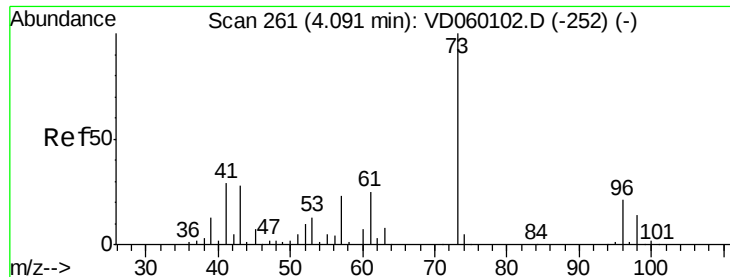
Tgt Ion: 76 Resp: 130696
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 5.294 ug/l
RT: 3.53 min Scan# 204
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 43 Resp: 28615
Ion Ratio Lower Upper
43 100
74 12.8 12.6 19.0

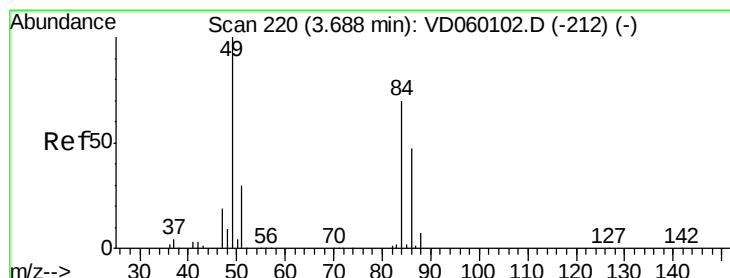
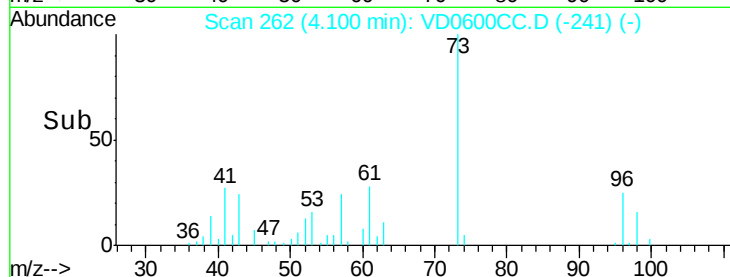
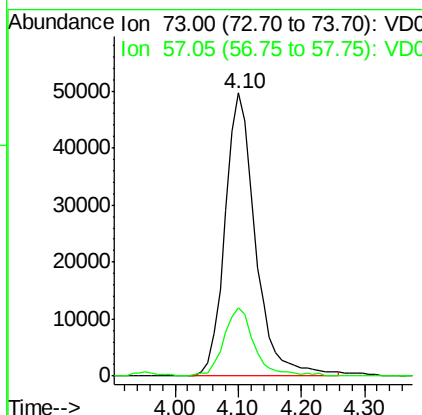
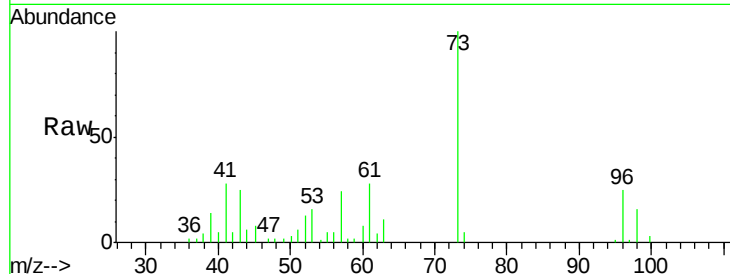




#19
Methyl tert-butyl Ether
Concen: 4.978 ug/l
RT: 4.10 min Scan# 262
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

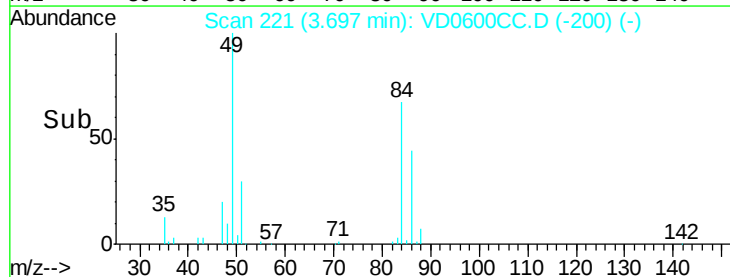
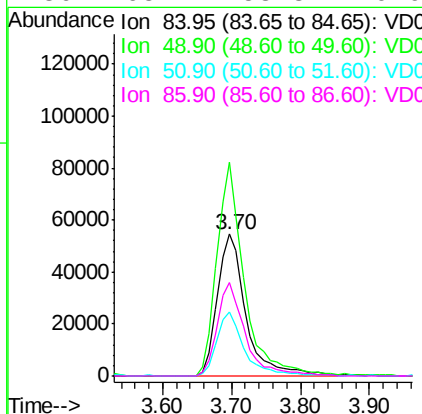
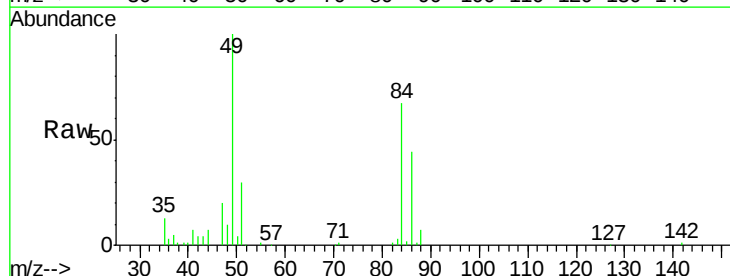
Instrument :
MSVOA_D
ClientSampled :

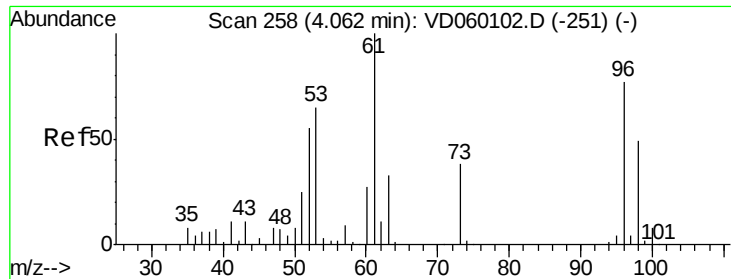
Tgt Ion: 73 Resp: 165788
Ion Ratio Lower Upper
73 100
57 24.2 18.7 28.1



#20
Methylene Chloride
Concen: 7.012 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 84 Resp: 156949
Ion Ratio Lower Upper
84 100
49 150.4 114.6 172.0
51 44.8 33.8 50.8
86 65.7 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 4.912 ug/l

RT: 4.08 min Scan# 260

Delta R.T. 0.02 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

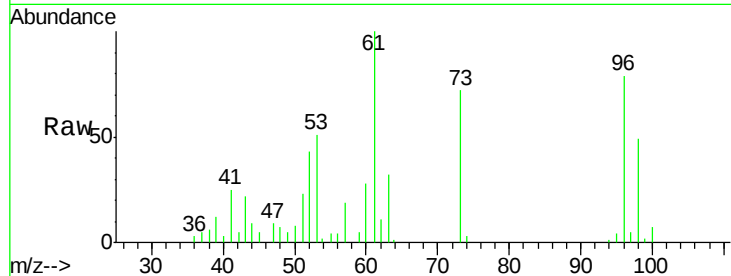
Tgt Ion: 96 Resp: 93160

Ion Ratio Lower Upper

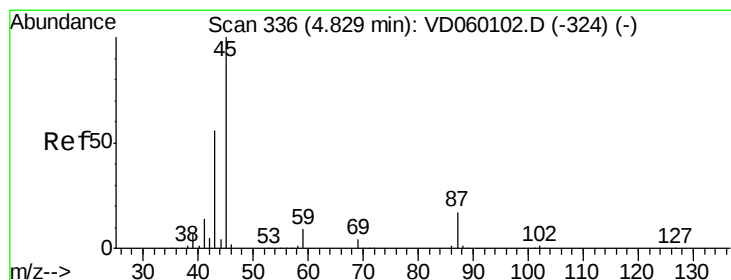
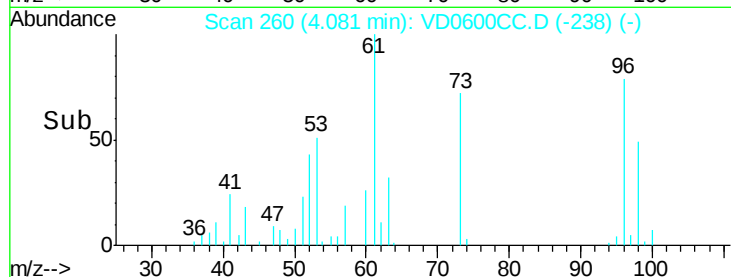
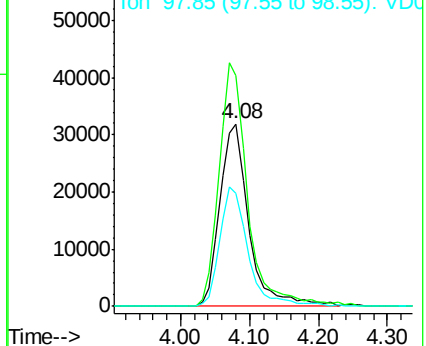
96 100

61 126.8 103.3 154.9

98 62.3 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 5.119 ug/l

RT: 4.84 min Scan# 337

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Tgt Ion: 45 Resp: 352897

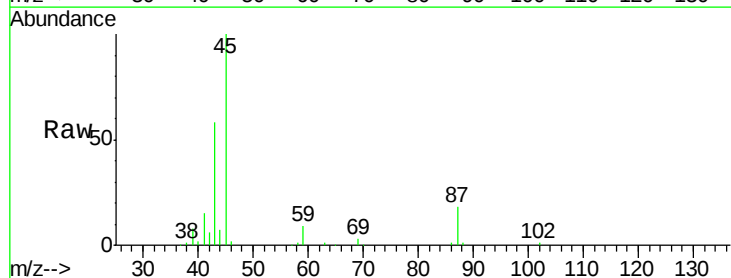
Ion Ratio Lower Upper

45 100

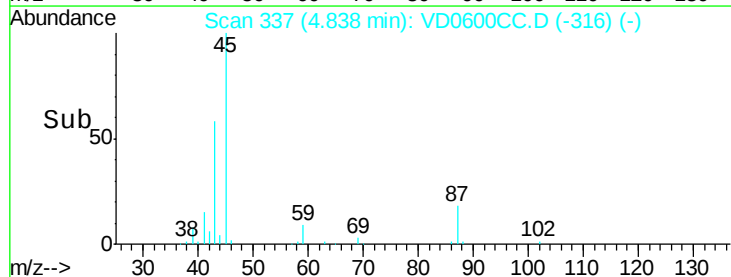
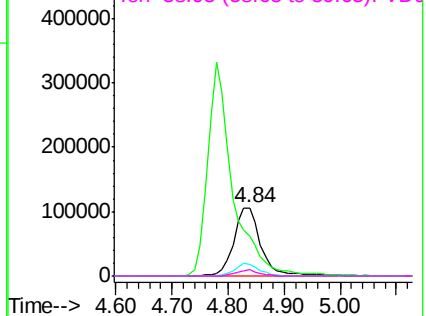
43 58.5 44.8 67.2

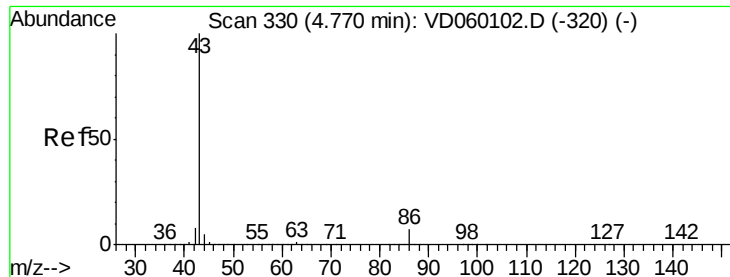
87 17.9 13.9 20.9

59 9.2 7.1 10.7



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 26.482 ug/l

RT: 4.78 min Scan# 331

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

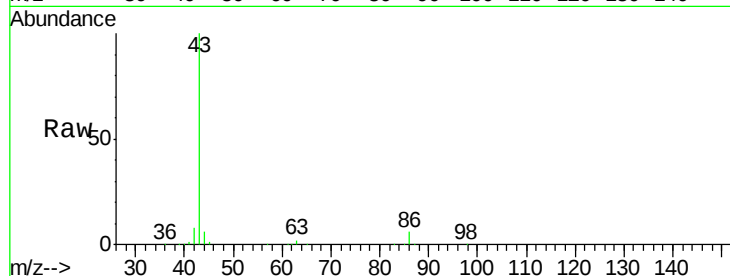
ClientSampleId :

Tgt Ion: 43 Resp: 1035964

Ion Ratio Lower Upper

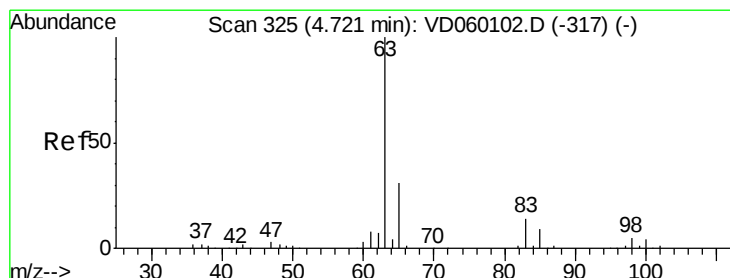
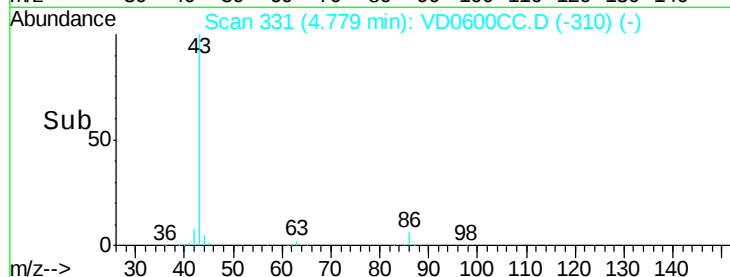
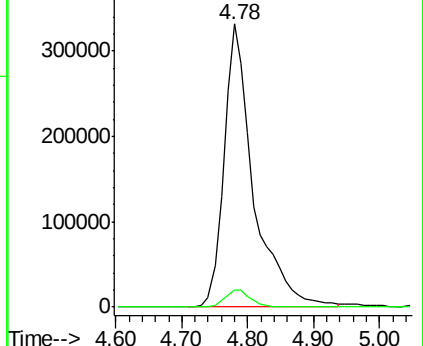
43 100

86 6.0 5.6 8.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.062 ug/l

RT: 4.73 min Scan# 326

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

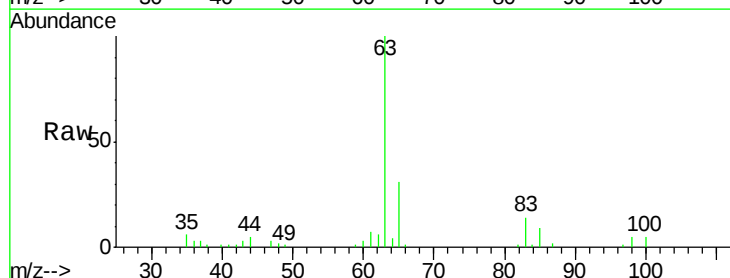
Tgt Ion: 63 Resp: 157532

Ion Ratio Lower Upper

63 100

98 4.9 2.8 8.3

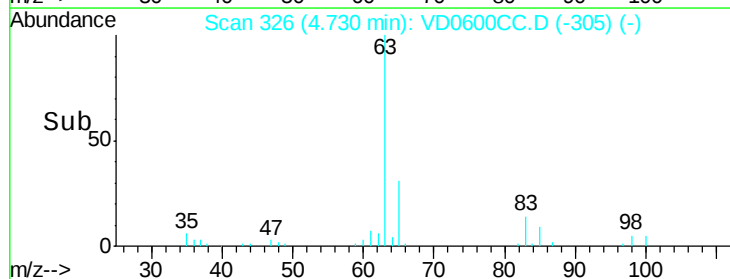
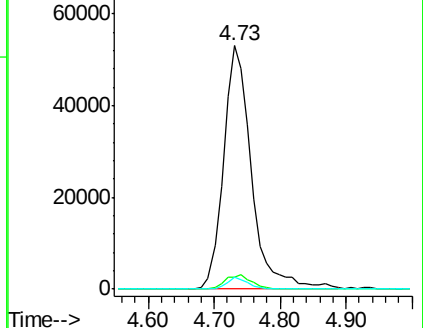
100 4.6 1.8 5.3

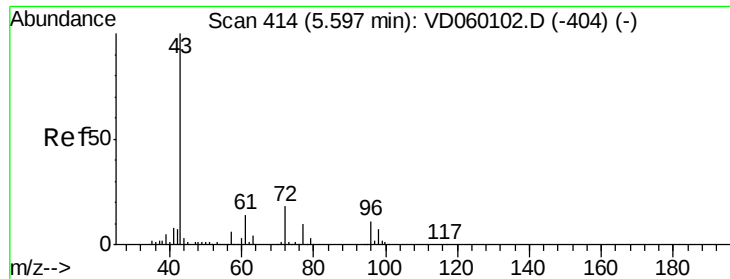


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 23.155 ug/l

RT: 5.61 min Scan# 415

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

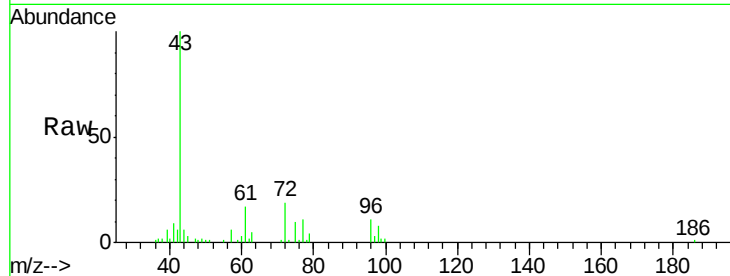
ClientSampleId :

Tgt Ion: 43 Resp: 163965

Ion Ratio Lower Upper

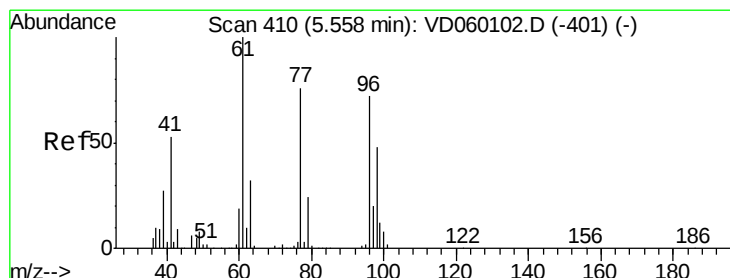
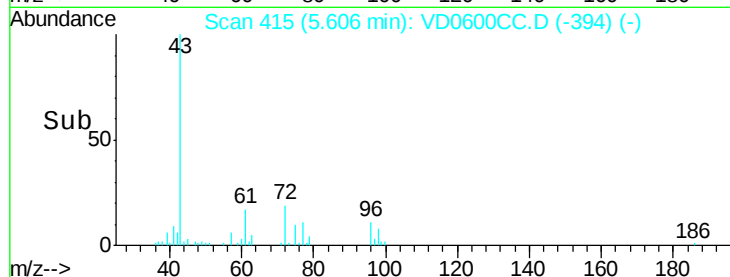
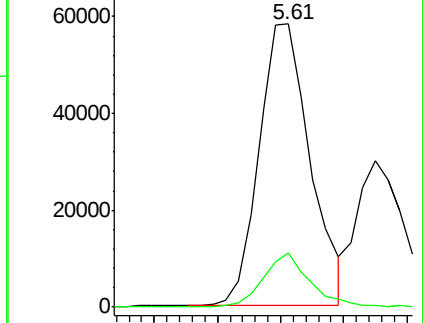
43 100

72 19.3 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.111 ug/l

RT: 5.57 min Scan# 411

Delta R.T. 0.01 min

Lab File: VD0600CC.D

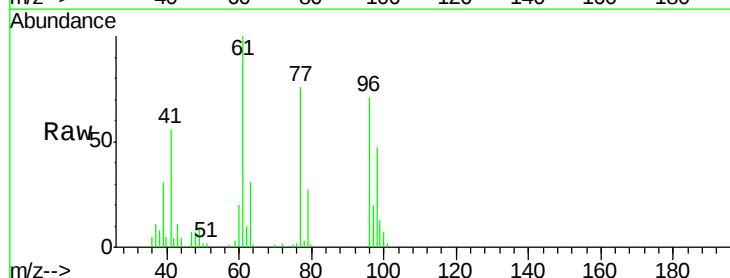
Acq: 1 Oct 2018 15:56

Tgt Ion: 77 Resp: 123092

Ion Ratio Lower Upper

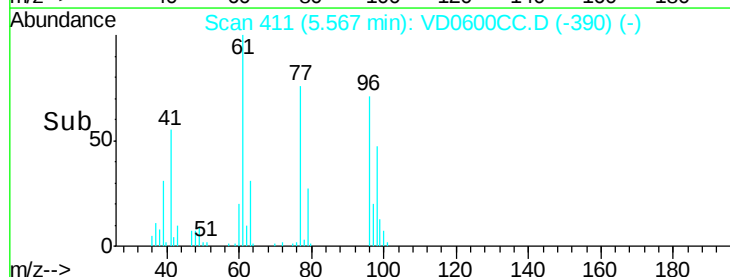
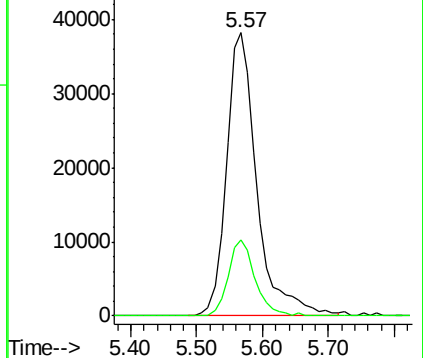
77 100

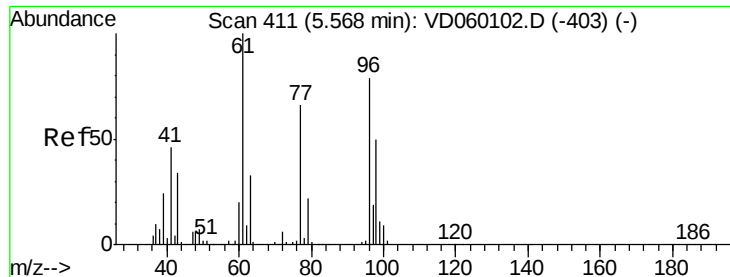
97 26.9 13.3 39.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



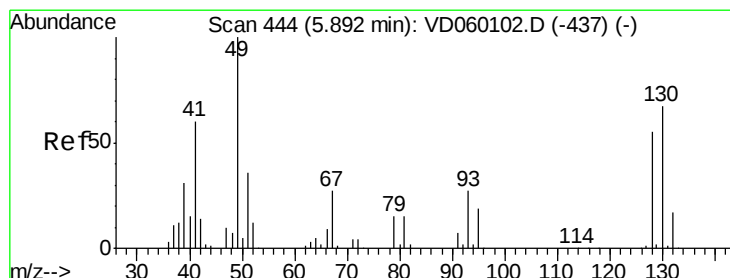
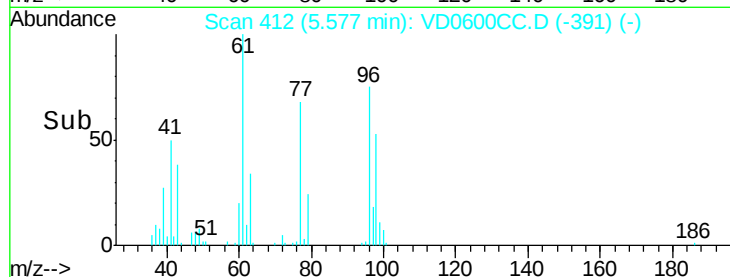
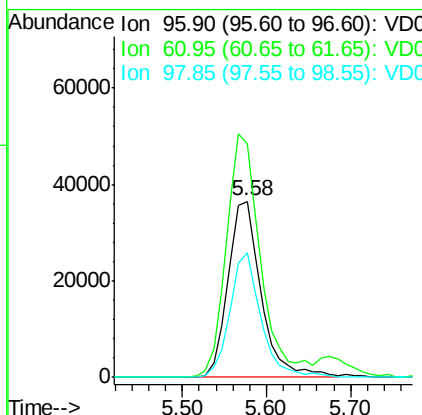
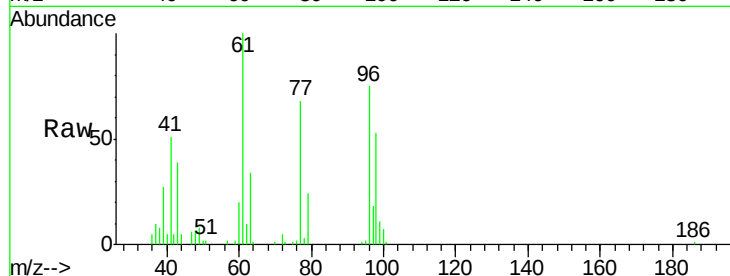


#27

cis-1,2-Dichloroethene
 Concen: 5.022 ug/l
 RT: 5.58 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Instrument :
 MSVOA_D
 ClientSampleId :

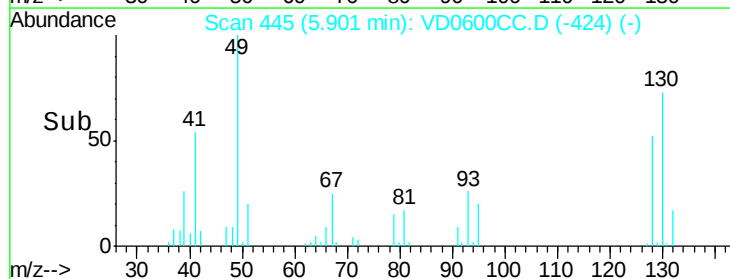
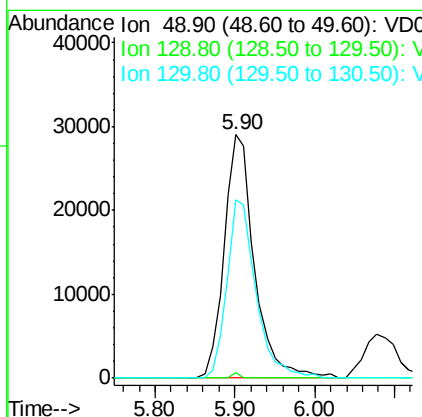
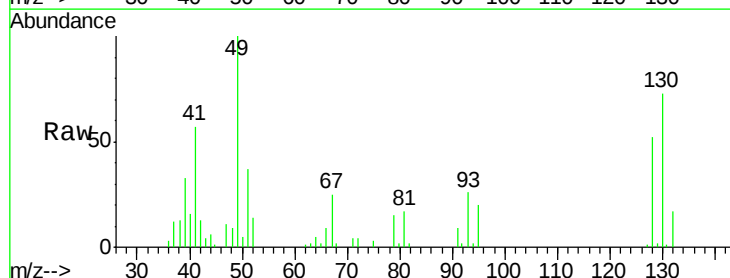
Tgt Ion: 96 Resp: 99552
 Ion Ratio Lower Upper
 96 100
 61 133.0 0.0 251.8
 98 70.9 0.0 125.2

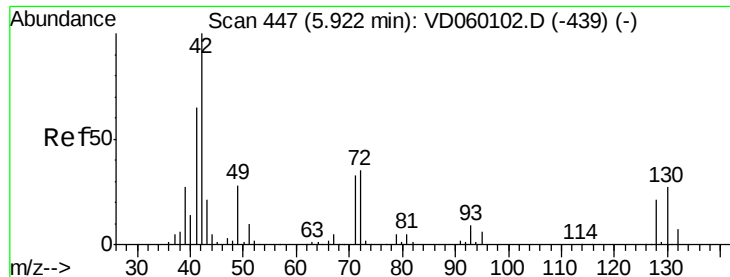


#28

Bromochloromethane
 Concen: 5.090 ug/l
 RT: 5.90 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 49 Resp: 76991
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 73.1 53.9 80.9





#29

Tetrahydrofuran

Concen: 25.549 ug/l

RT: 5.93 min Scan# 448

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

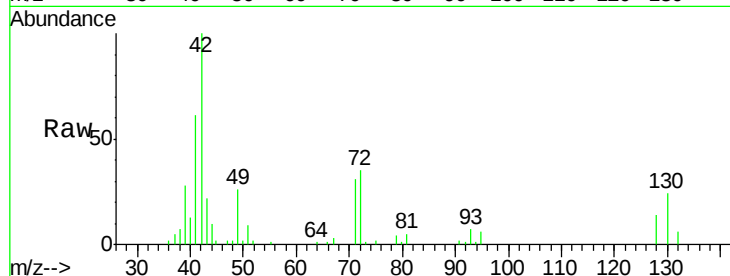
Tgt Ion: 42 Resp: 97025

Ion Ratio Lower Upper

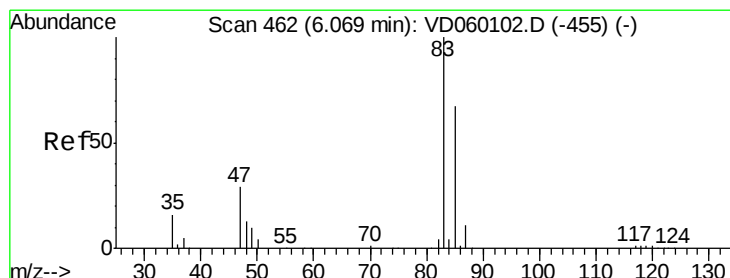
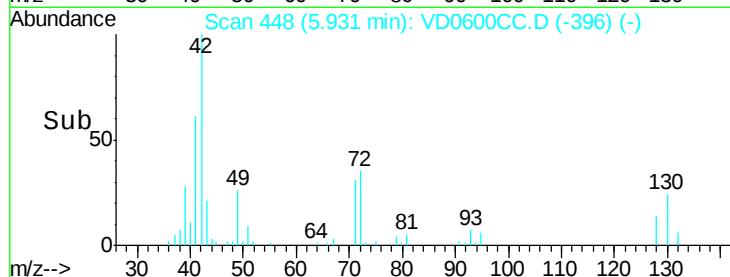
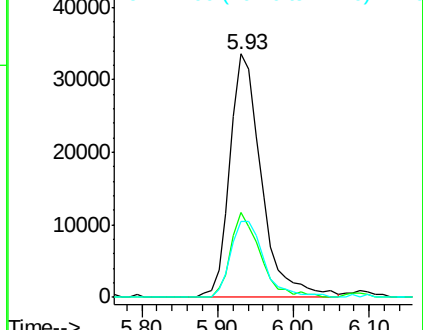
42 100

72 32.6 26.9 40.3

71 32.9 26.7 40.1



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



#30

Chloroform

Concen: 5.066 ug/l

RT: 6.08 min Scan# 463

Delta R.T. 0.01 min

Lab File: VD0600CC.D

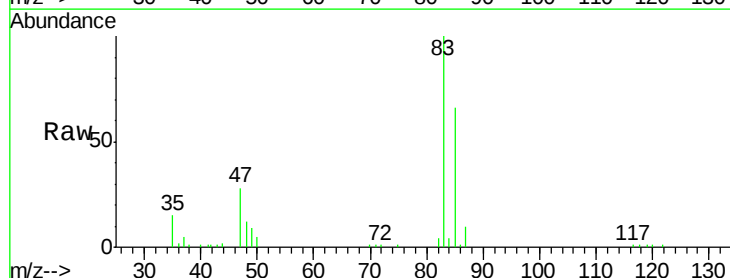
Acq: 1 Oct 2018 15:56

Tgt Ion: 83 Resp: 159234

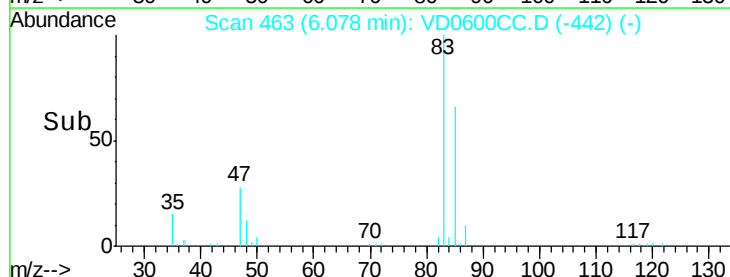
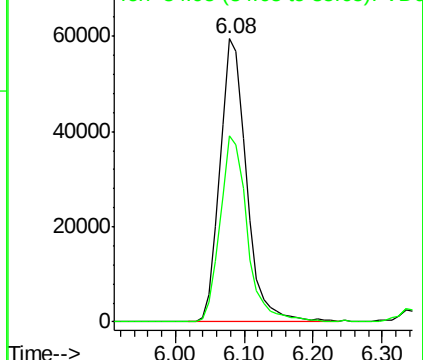
Ion Ratio Lower Upper

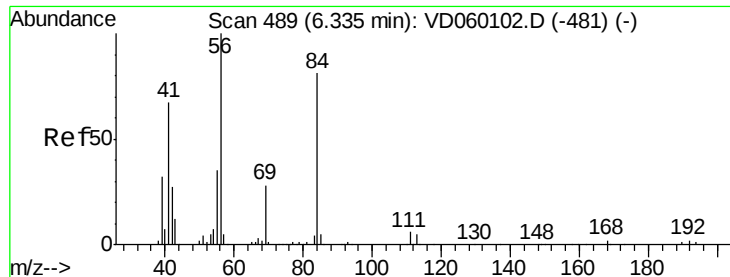
83 100

85 65.9 53.8 80.8



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

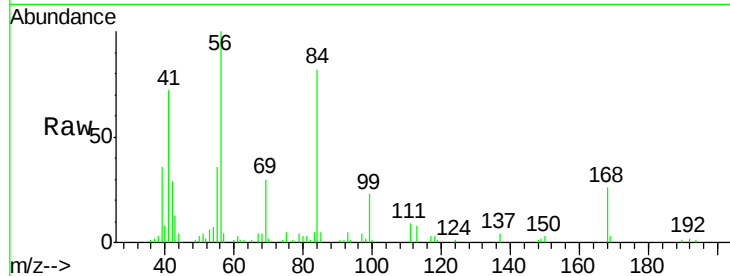




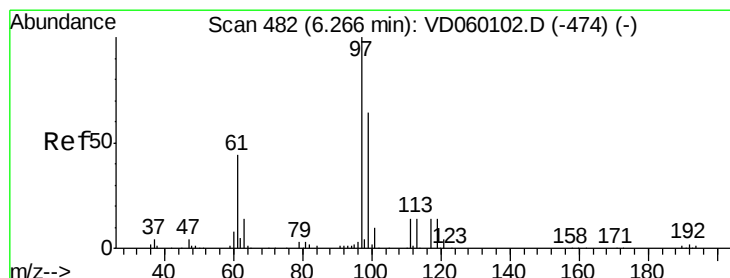
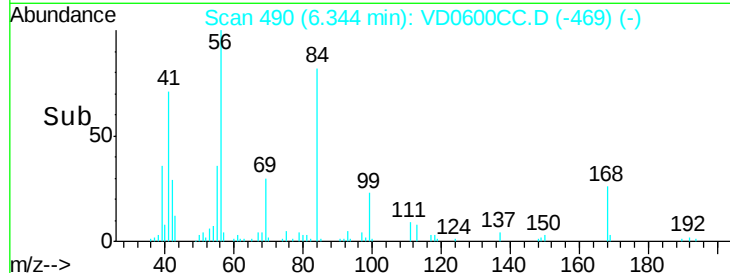
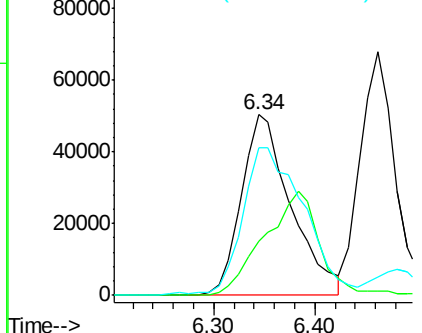
#31
Cyclohexane
Concen: 5.711 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 172071
Ion Ratio Lower Upper
56 100
69 29.9 22.8 34.2
84 82.0 64.9 97.3

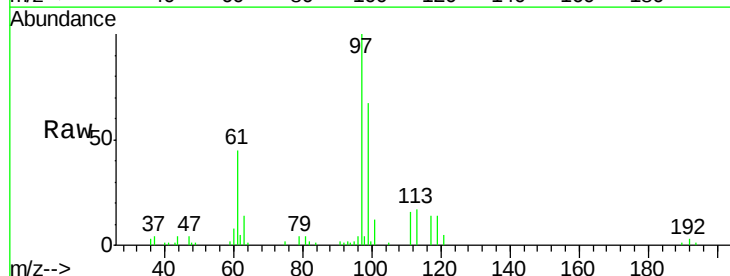


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

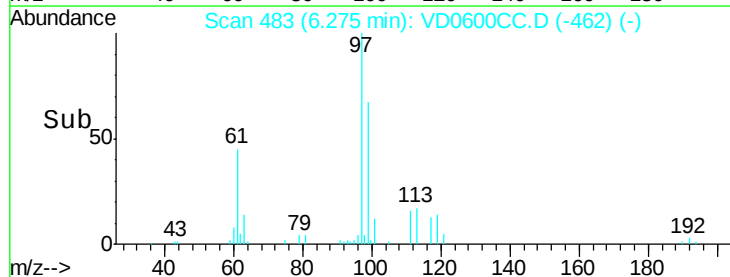
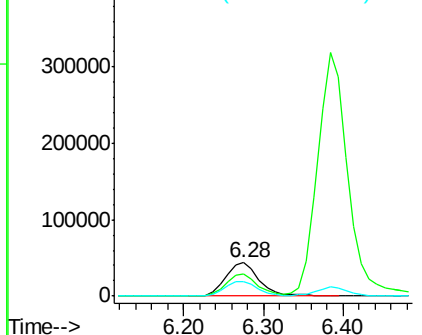


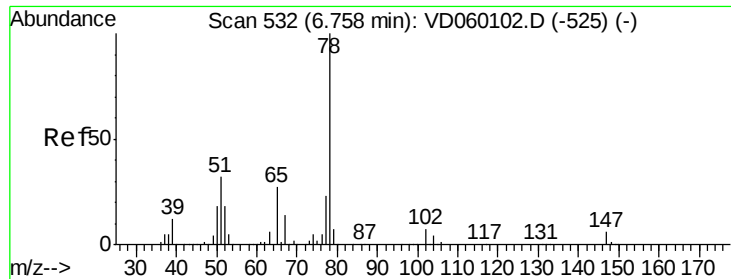
#32
1,1,1-Trichloroethane
Concen: 4.971 ug/l
RT: 6.28 min Scan# 483
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 97 Resp: 129152
Ion Ratio Lower Upper
97 100
99 66.7 51.4 77.0
61 45.1 35.5 53.3



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 4.971 ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

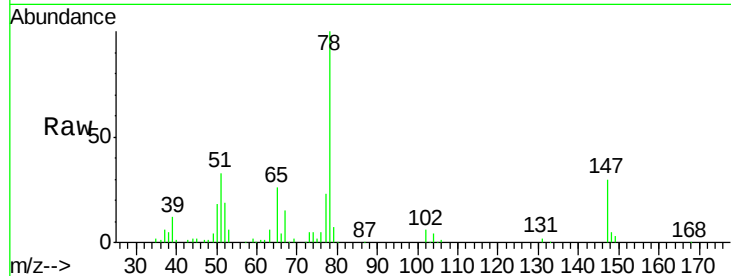
ClientSampleId :

Tgt Ion: 65 Resp: 73957

Ion Ratio Lower Upper

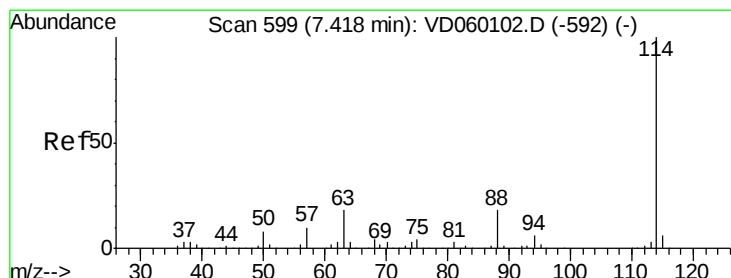
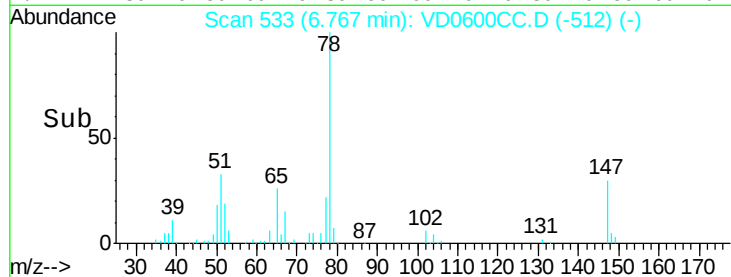
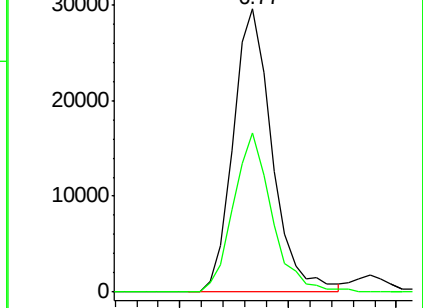
65 100

67 56.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

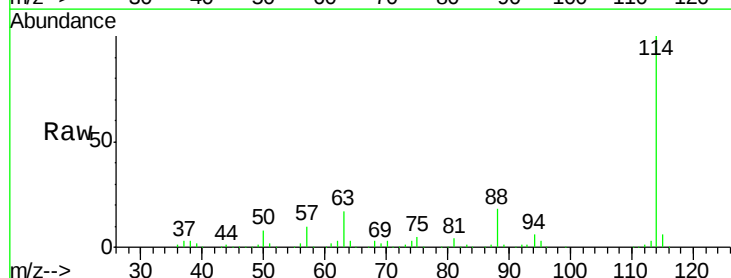
Tgt Ion: 114 Resp: 2455394

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.0

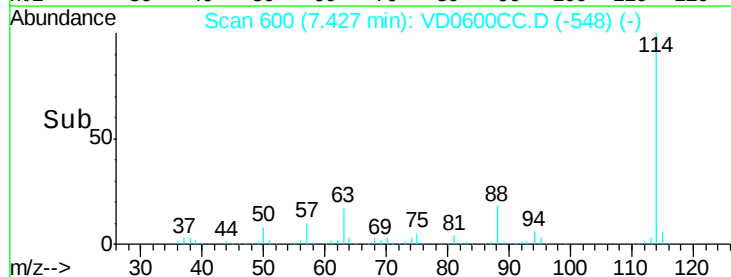
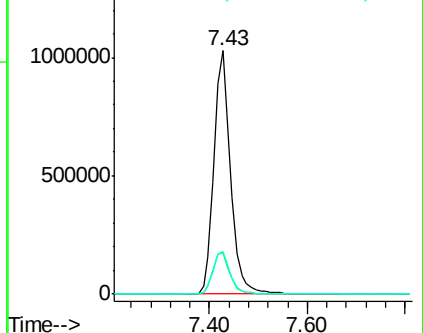
88 17.7 0.0 36.2

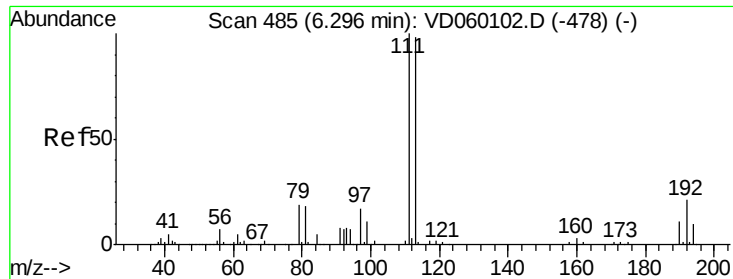


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 486

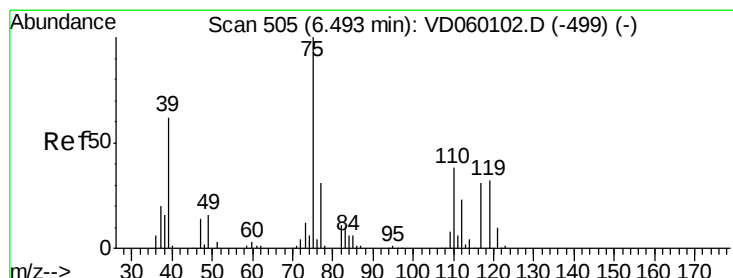
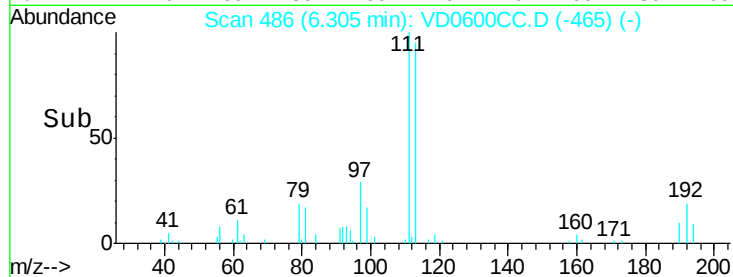
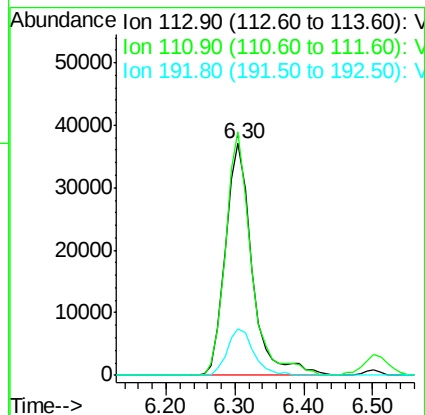
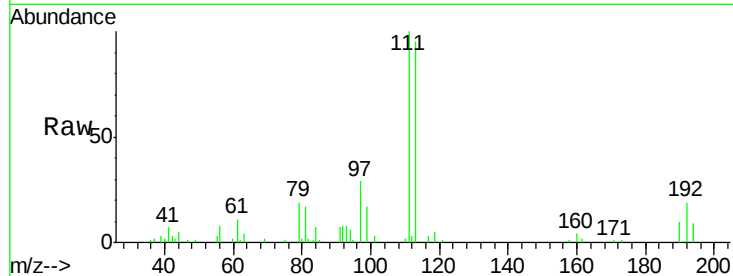
Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 99544
Ion Ratio Lower Upper
113 100
111 105.2 81.5 122.3
192 19.9 17.4 26.0



#36

1,1-Dichloropropene

Concen: 5.246 ug/l

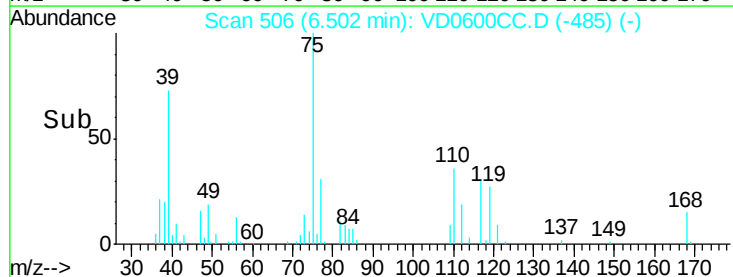
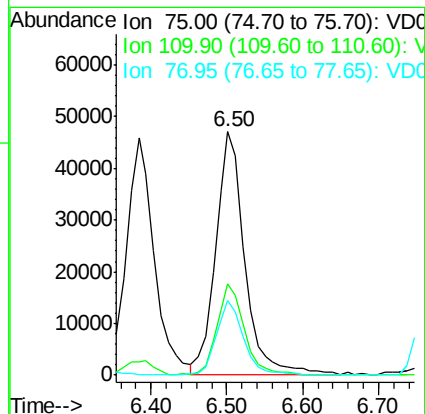
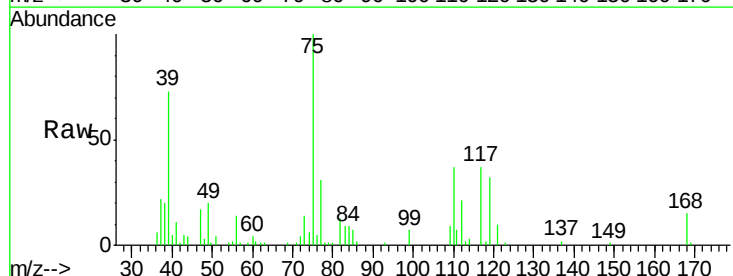
RT: 6.50 min Scan# 506

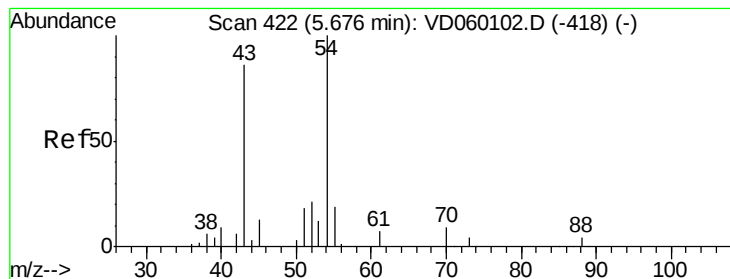
Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Tgt Ion: 75 Resp: 126022
Ion Ratio Lower Upper
75 100
110 37.5 19.0 57.0
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 5.061 ug/l

RT: 5.67 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampled :

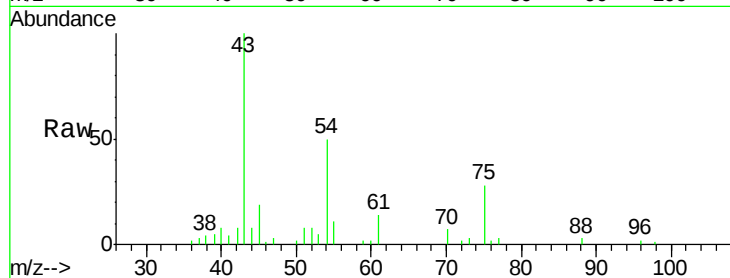
Tgt Ion: 43 Resp: 83959

Ion Ratio Lower Upper

43 100

61 13.9 10.5 15.7

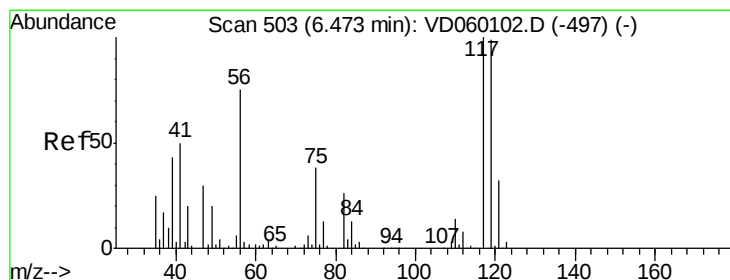
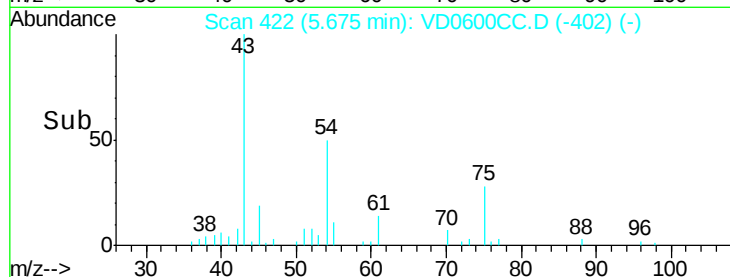
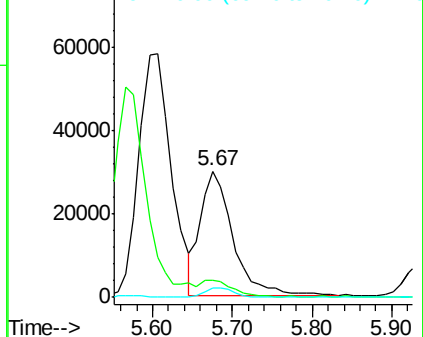
70 7.4 6.3 9.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.014 ug/l

RT: 6.48 min Scan# 504

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

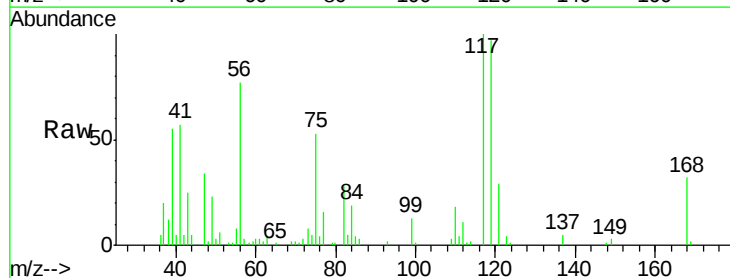
Tgt Ion: 117 Resp: 111851

Ion Ratio Lower Upper

117 100

119 97.1 77.8 116.6

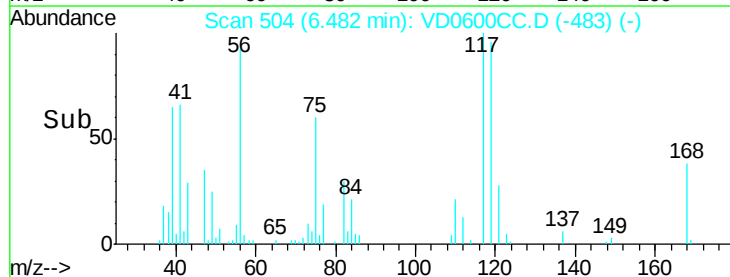
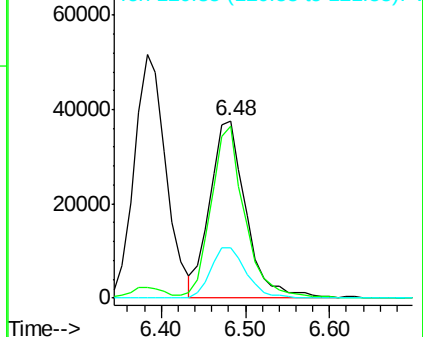
121 28.5 24.8 37.2

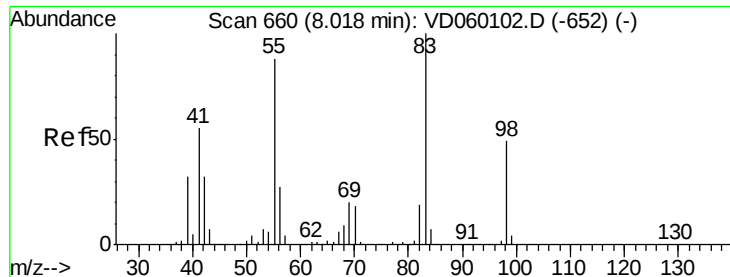


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

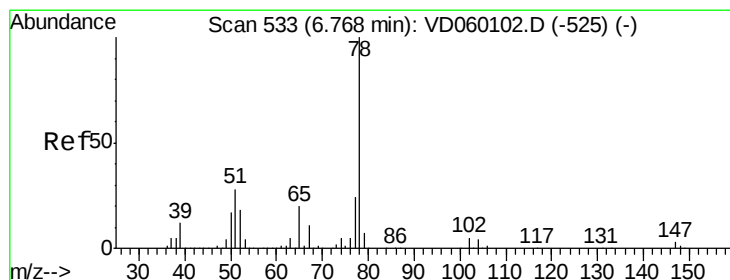
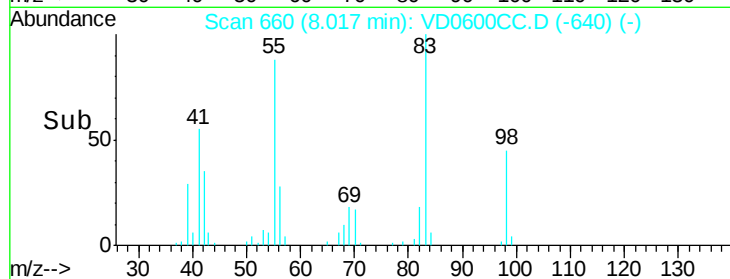
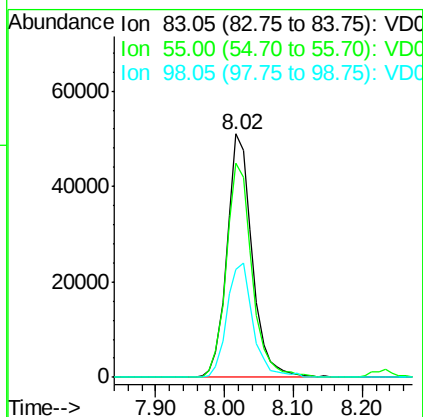
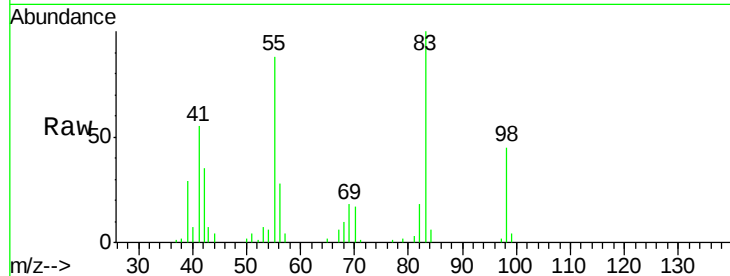




#39
Methylcyclohexane
Concen: 4.726 ug/l
RT: 8.02 min Scan# 660
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

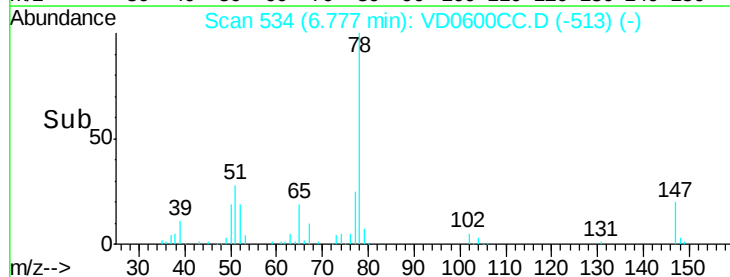
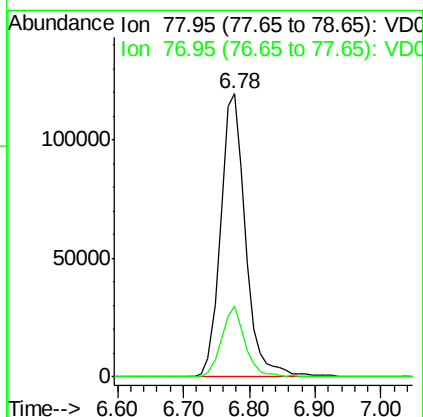
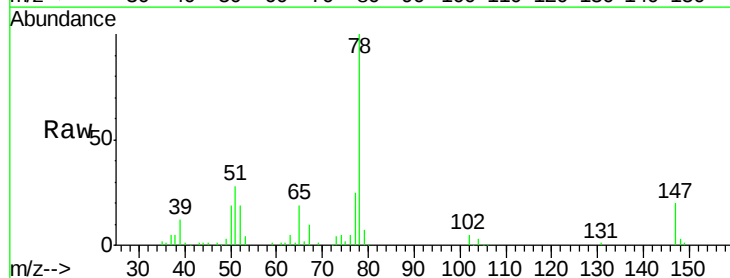
Instrument :
MSVOA_D
ClientSampleId :

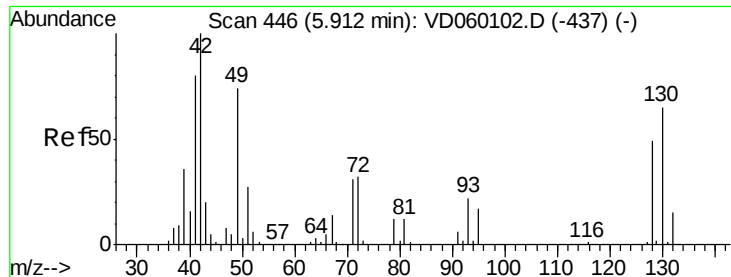
Tgt Ion: 83 Resp: 128806
Ion Ratio Lower Upper
83 100
55 88.1 70.5 105.7
98 44.6 39.4 59.2



#40
Benzene
Concen: 5.145 ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 78 Resp: 315448
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4

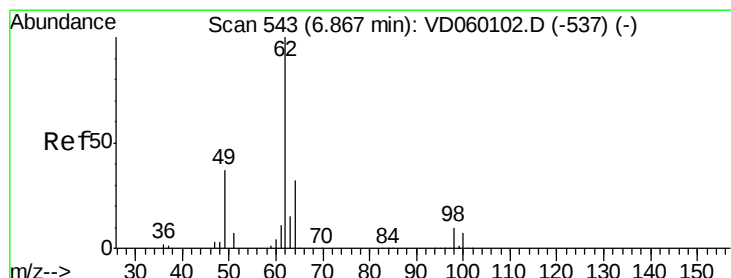
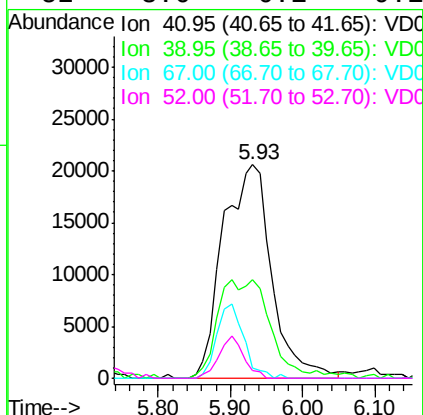
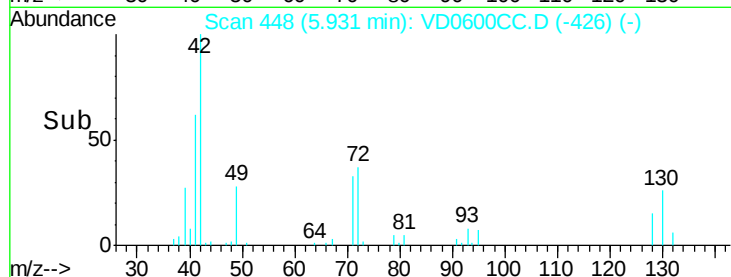
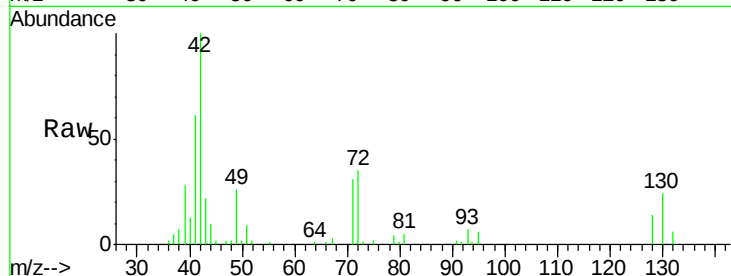




#41
Methacrylonitrile
Concen: 10.903 ug/l
RT: 5.93 min Scan# 448
Delta R.T. 0.02 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

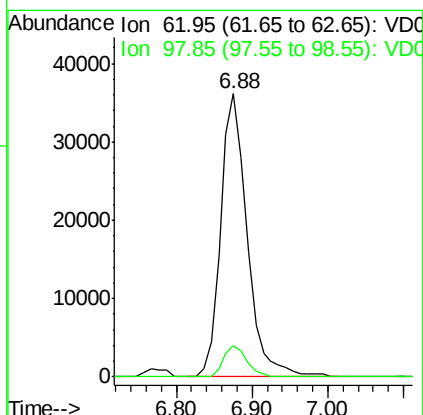
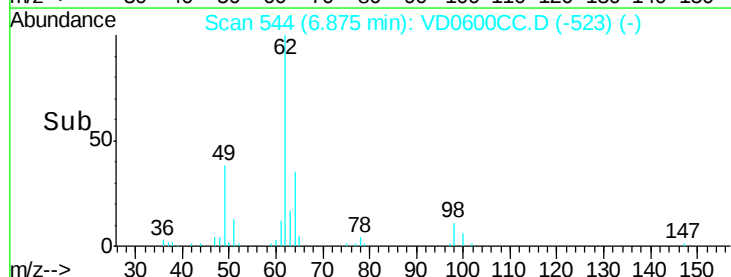
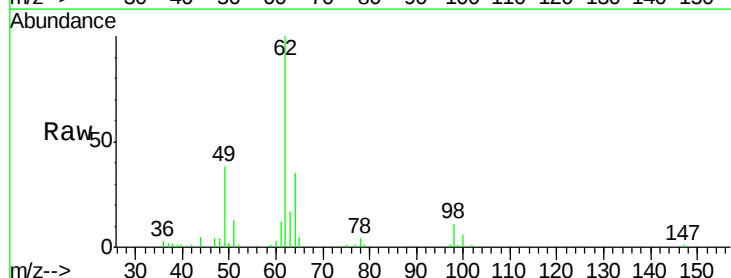
Instrument :
MSVOA_D
ClientSampleId :

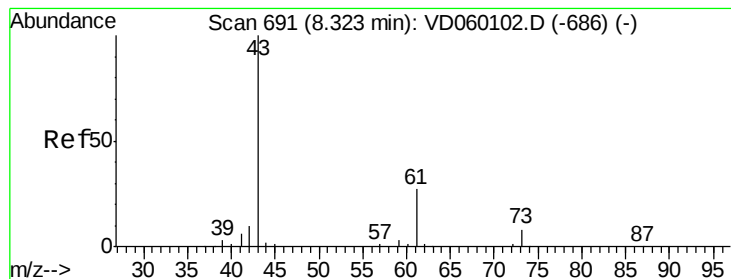
Tgt Ion: 41 Resp: 96230
Ion Ratio Lower Upper
41 100
39 46.4 36.0 54.0
67 5.0 13.9 20.9#
52 3.6 6.1 9.1#



#42
1,2-Dichloroethane
Concen: 4.786 ug/l
RT: 6.88 min Scan# 544
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 62 Resp: 88003
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 4.685 ug/l

RT: 8.33 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

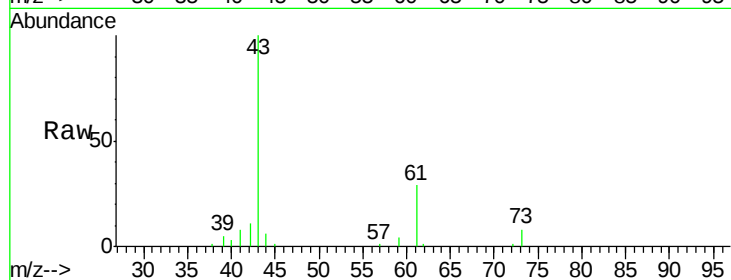
Tgt Ion: 43 Resp: 102979

Ion Ratio Lower Upper

43 100

61 28.5 21.4 32.2

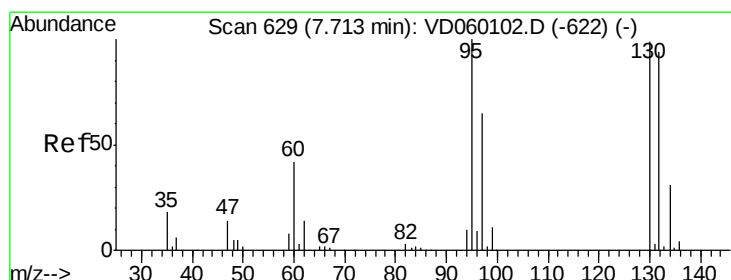
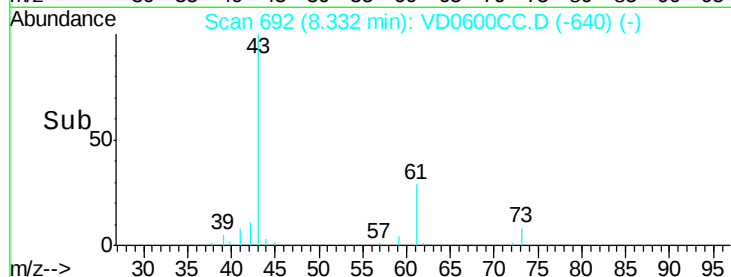
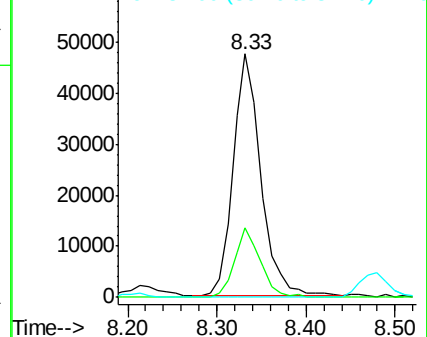
87 0.0 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 5.035 ug/l

RT: 7.72 min Scan# 630

Delta R.T. 0.01 min

Lab File: VD0600CC.D

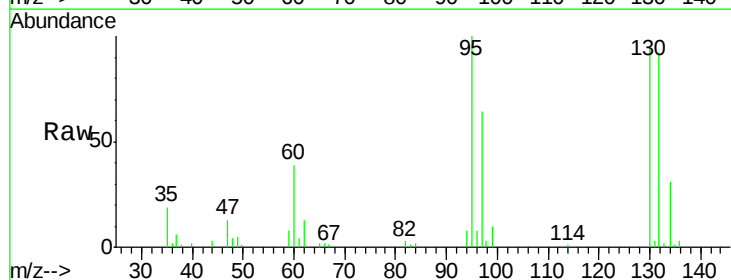
Acq: 1 Oct 2018 15:56

Tgt Ion:130 Resp: 95886

Ion Ratio Lower Upper

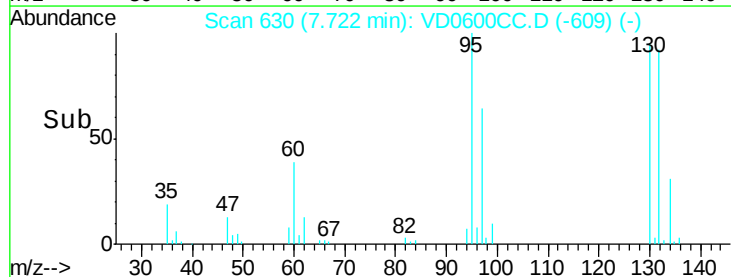
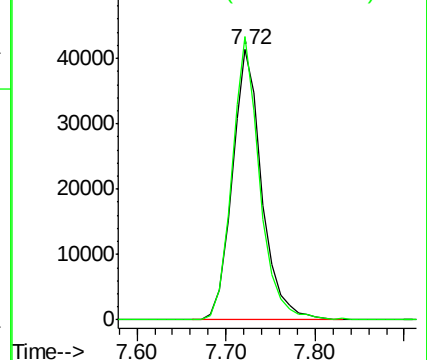
130 100

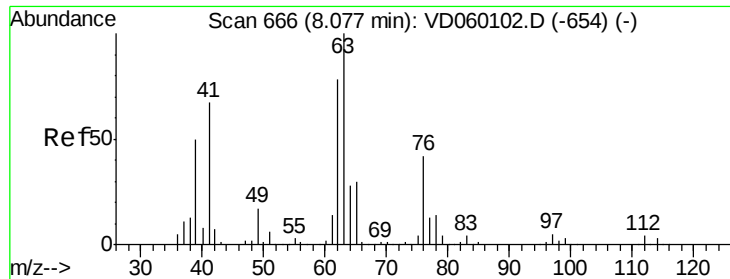
95 104.7 0.0 202.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

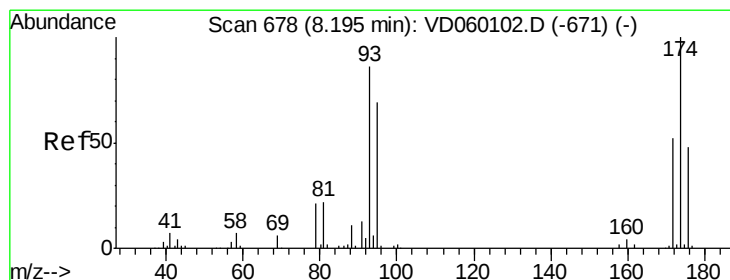
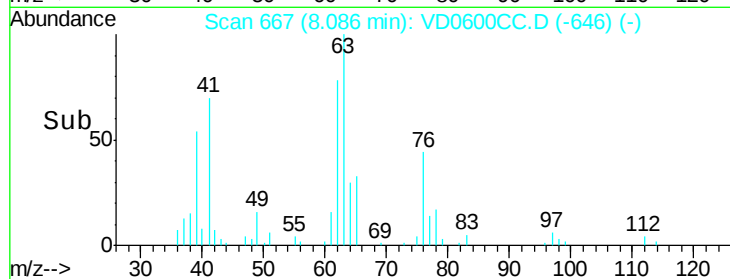
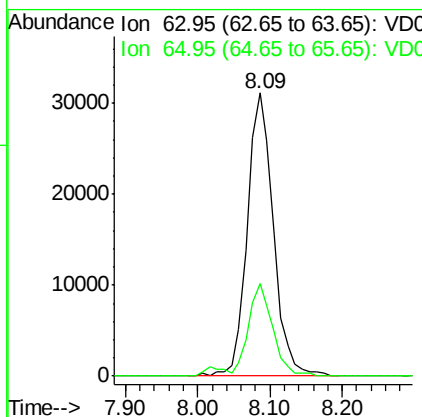
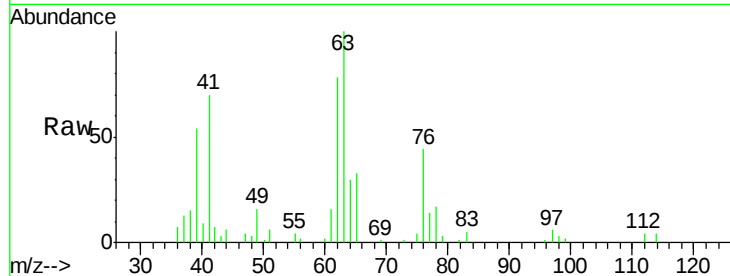




#45
 1,2-Dichloropropane
 Concen: 4.804 ug/l
 RT: 8.09 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

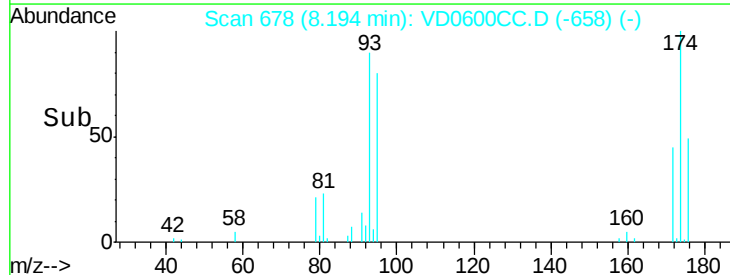
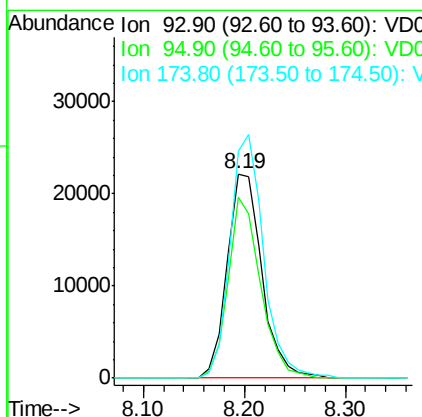
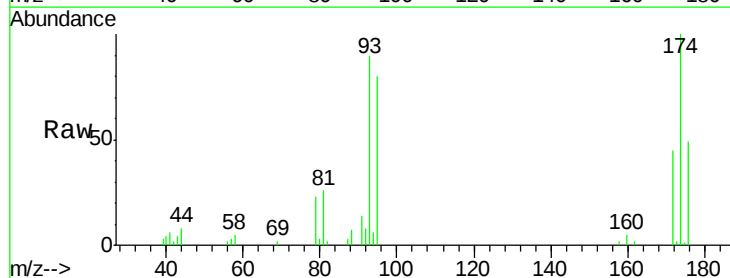
Instrument :
 MSVOA_D
 ClientSampleId :

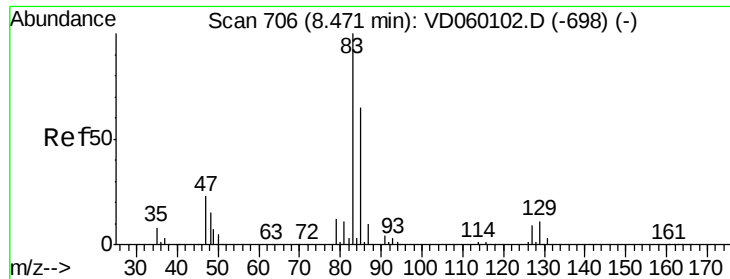
Tgt Ion: 63 Resp: 78836
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.1 36.1



#46
 Dibromomethane
 Concen: 4.958 ug/l
 RT: 8.19 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 93 Resp: 52885
 Ion Ratio Lower Upper
 93 100
 95 88.8 63.8 95.6
 174 111.3 92.9 139.3





#47

Bromodichloromethane

Concen: 4.876 ug/l

RT: 8.47 min Scan# 706

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

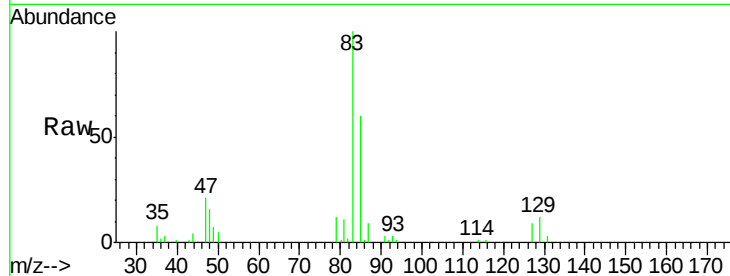
Tgt Ion: 83 Resp: 112445

Ion Ratio Lower Upper

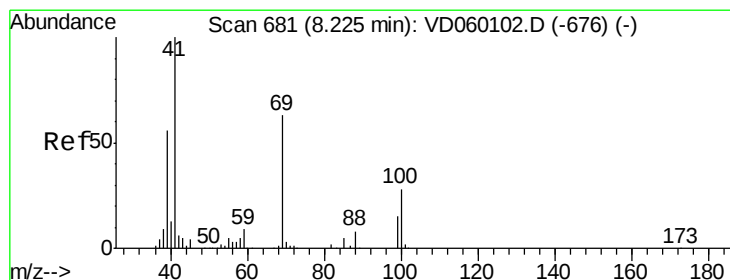
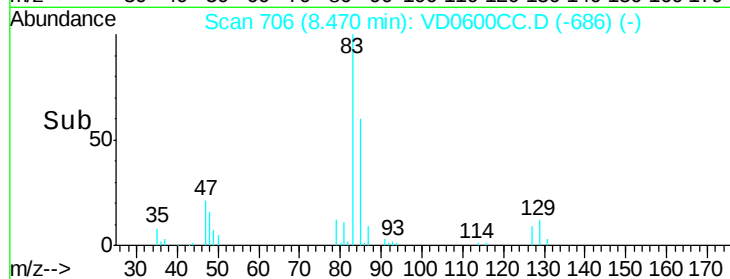
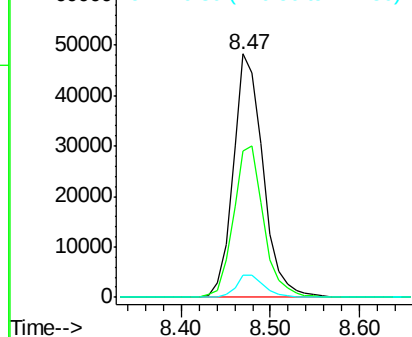
83 100

85 60.3 52.2 78.2

127 9.2 7.4 11.0



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 5.157 ug/l

RT: 8.23 min Scan# 682

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

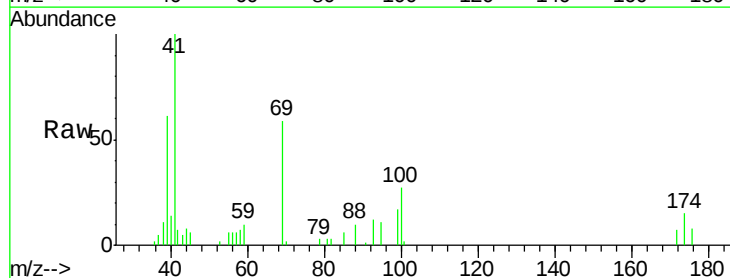
Tgt Ion: 41 Resp: 63198

Ion Ratio Lower Upper

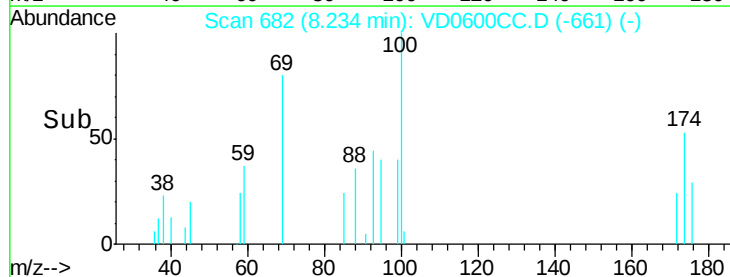
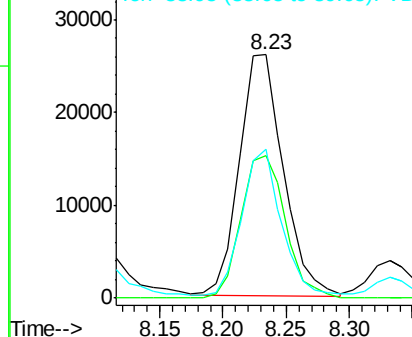
41 100

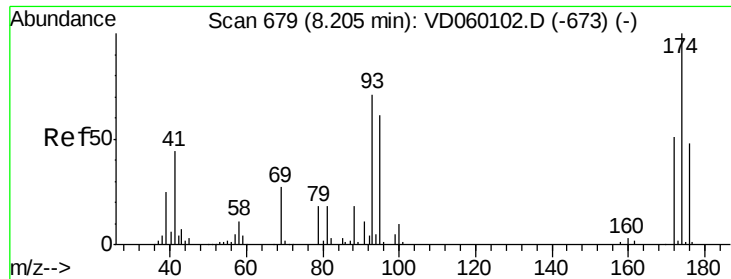
69 58.5 49.7 74.5

39 61.4 45.2 67.8



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

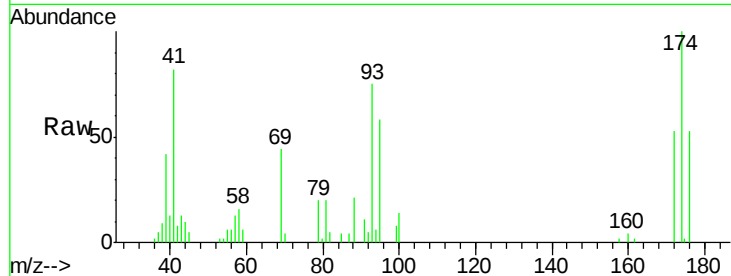




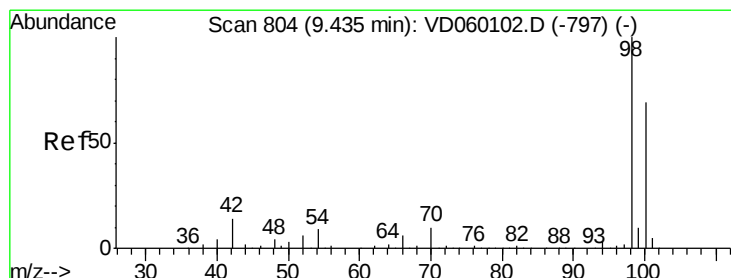
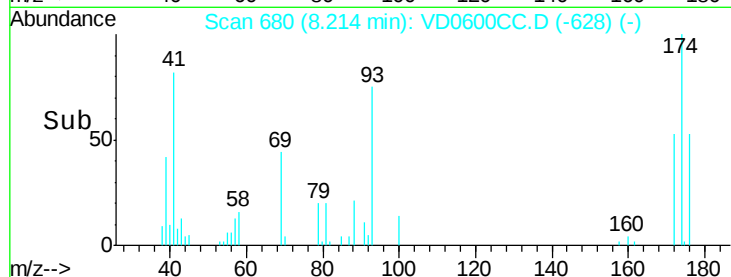
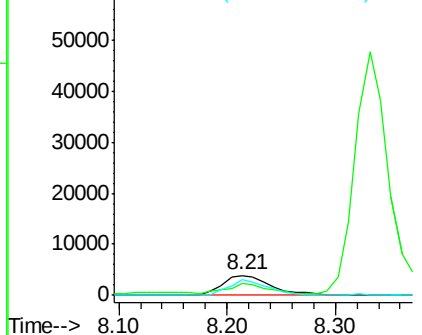
#49
1,4-Dioxane
Concen: 98.112 ug/l
RT: 8.21 min Scan# 680
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 11964
Ion Ratio Lower Upper
88 100
43 61.2 33.7 50.5#
58 76.1 49.1 73.7#

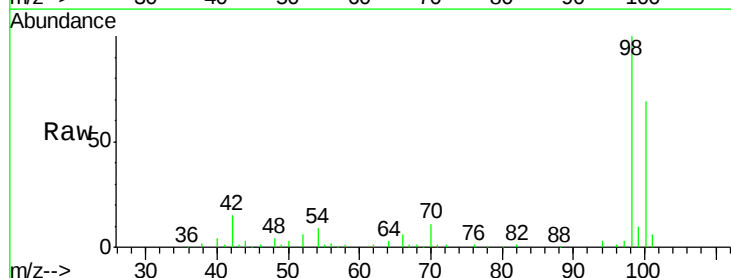


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

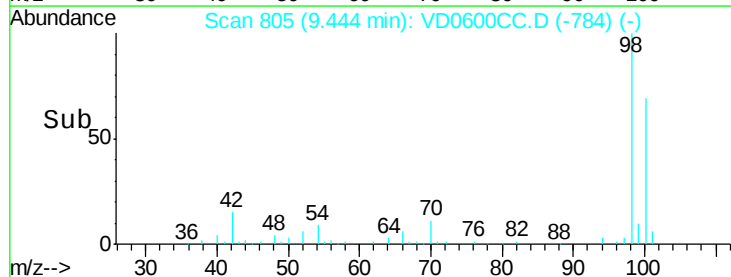
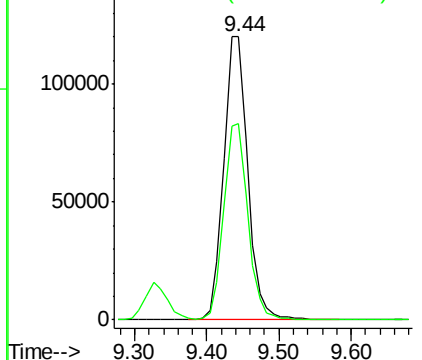


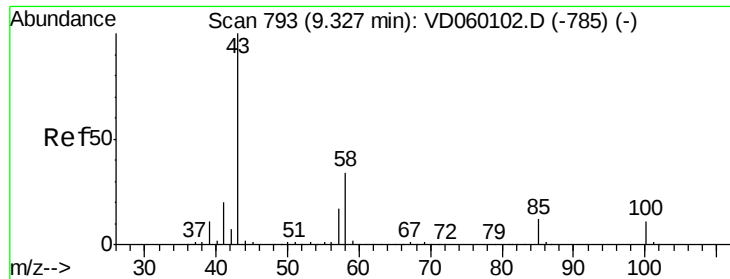
#50
Toluene-d8
Concen: 98.112 ug/l
RT: 9.44 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 98 Resp: 277269
Ion Ratio Lower Upper
98 100
100 69.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 23.237 ug/l

RT: 9.33 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

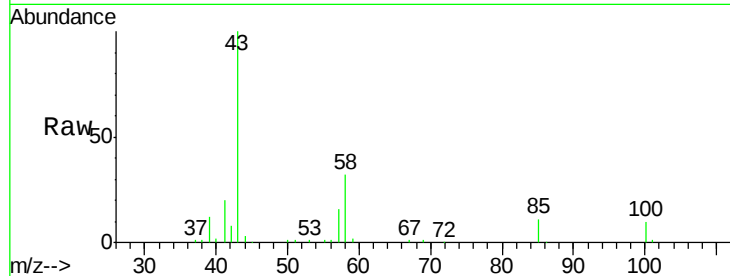
ClientSampleId :

Tgt Ion: 43 Resp: 350379

Ion Ratio Lower Upper

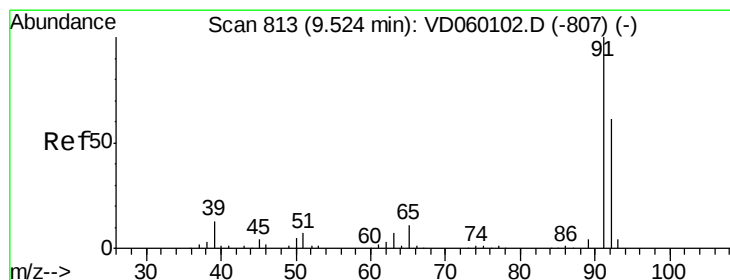
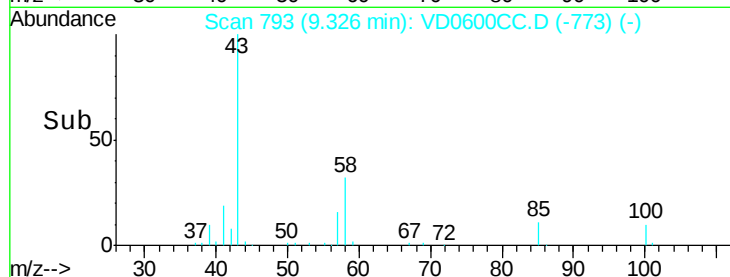
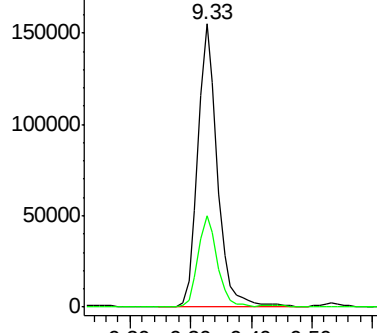
43 100

58 32.2 27.2 40.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 4.994 ug/l

RT: 9.53 min Scan# 814

Delta R.T. 0.01 min

Lab File: VD0600CC.D

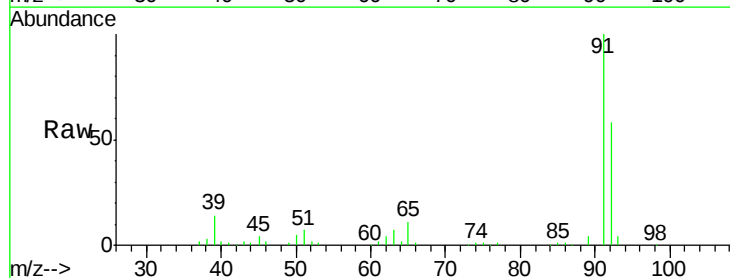
Acq: 1 Oct 2018 15:56

Tgt Ion: 92 Resp: 197597

Ion Ratio Lower Upper

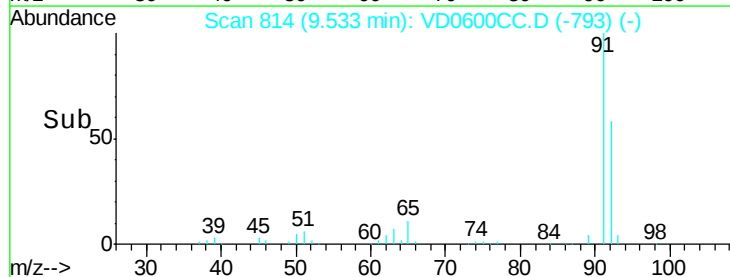
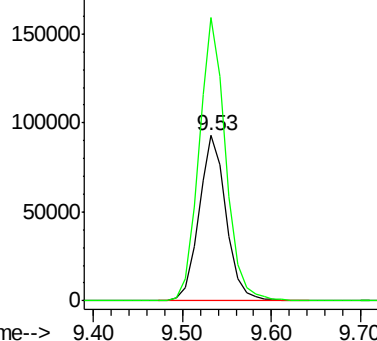
92 100

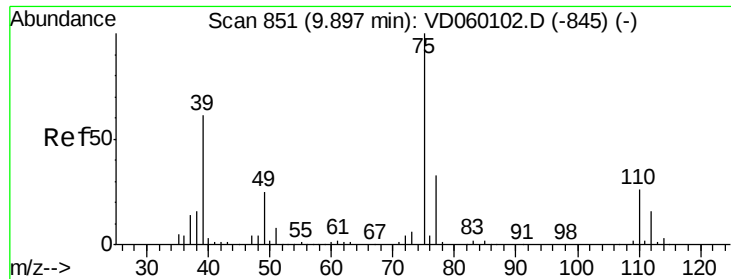
91 171.0 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

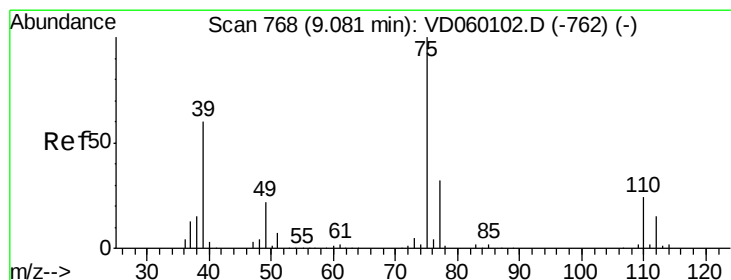
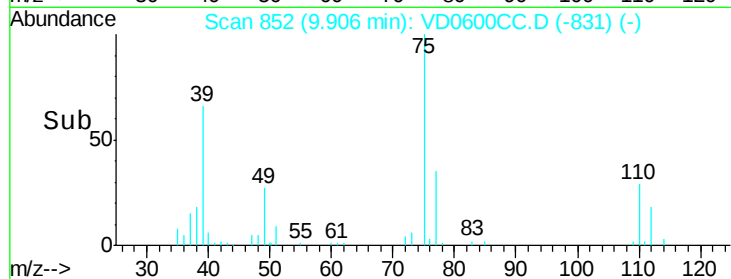
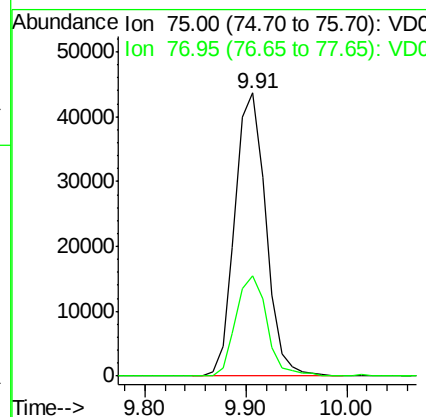
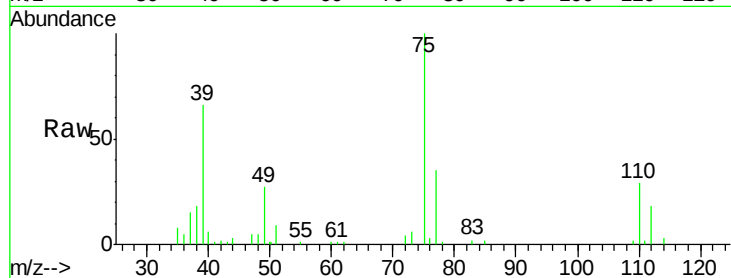




#53
 t-1,3-Dichloropropene
 Concen: 4.333 ug/l
 RT: 9.91 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

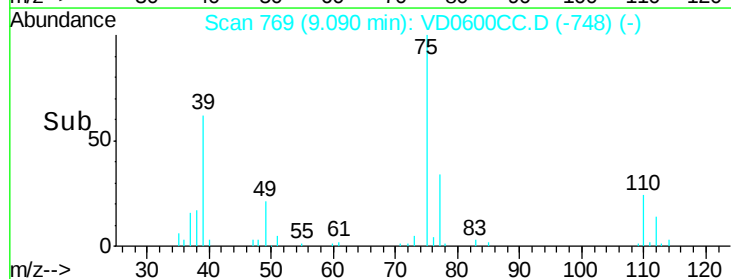
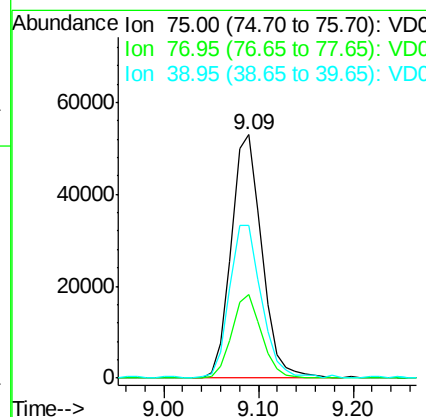
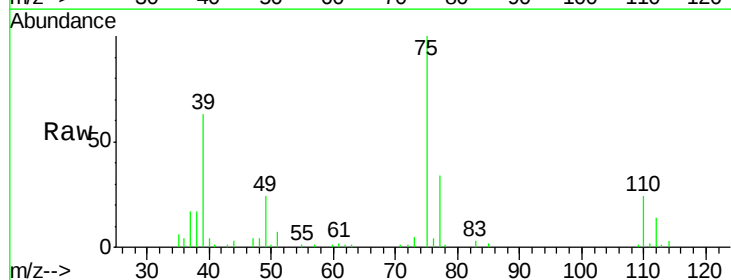
Instrument :
 MSVOA_D
 ClientSampleId :

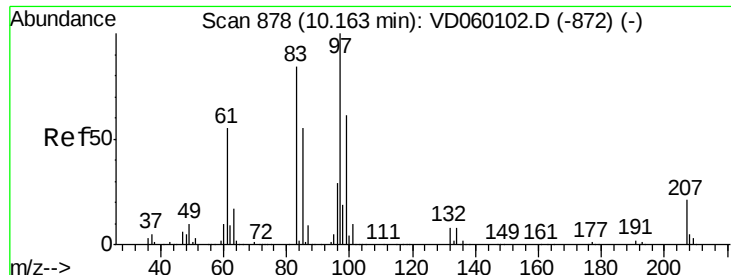
Tgt Ion: 75 Resp: 93316
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.618 ug/l
 RT: 9.09 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 75 Resp: 118650
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.7 38.5
 39 62.8 48.2 72.4

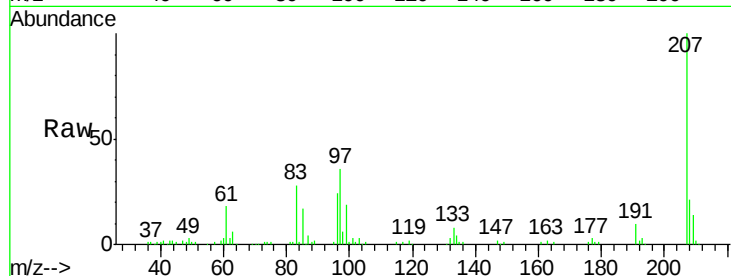




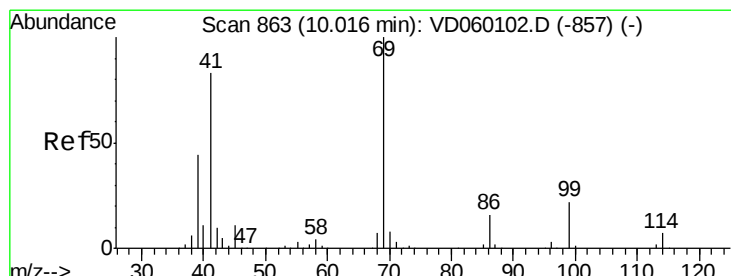
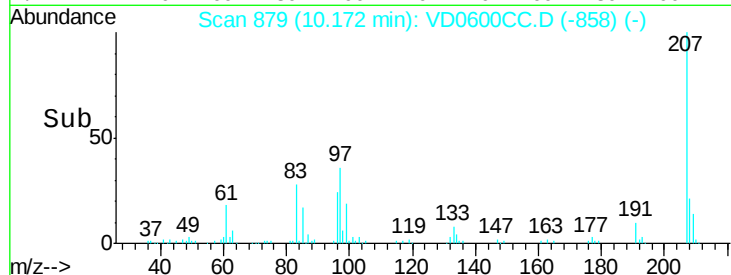
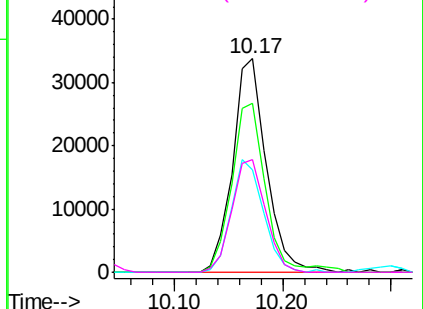
#55
 1,1,2-Trichloroethane
 Concen: 5.325 ug/l
 RT: 10.17 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Instrument :
 MSVOA_D
 ClientSampleID :

Tgt Ion: 97 Resp: 73083
 Ion Ratio Lower Upper
 97 100
 83 79.0 67.0 100.6
 85 47.8 43.9 65.9
 99 52.8 49.1 73.7

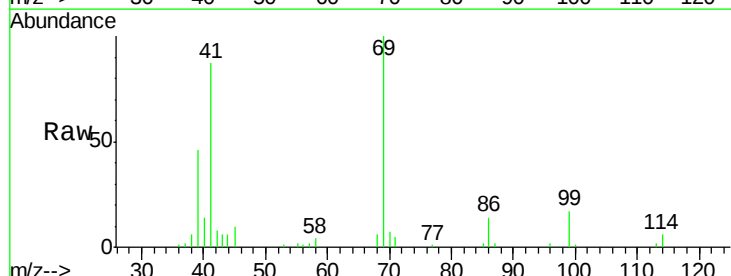


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

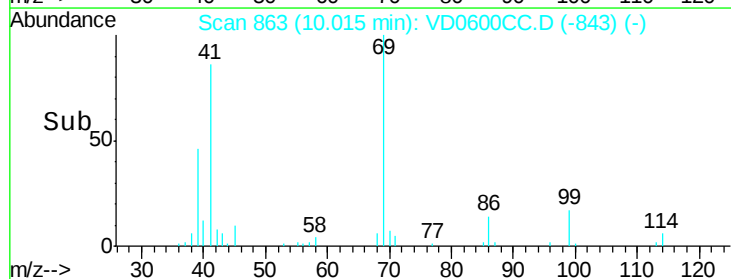
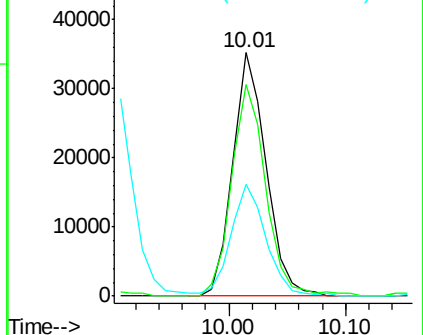


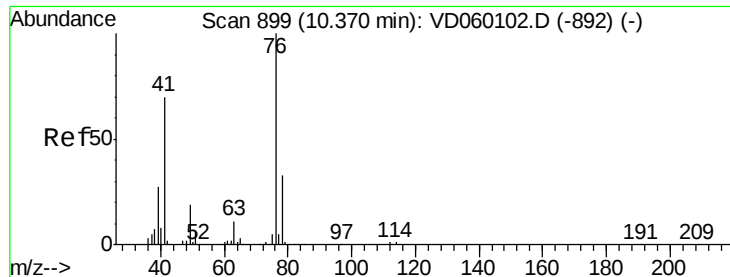
#56
 Ethyl methacrylate
 Concen: 4.613 ug/l
 RT: 10.01 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 69 Resp: 69779
 Ion Ratio Lower Upper
 69 100
 41 87.2 66.6 100.0
 39 45.8 36.0 54.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 4.998 ug/l

RT: 10.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

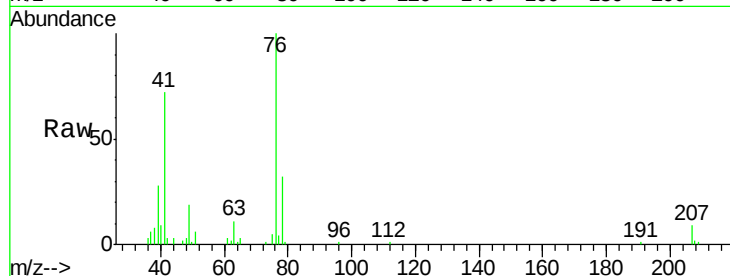
ClientSampled :

Tgt Ion: 76 Resp: 101019

Ion Ratio Lower Upper

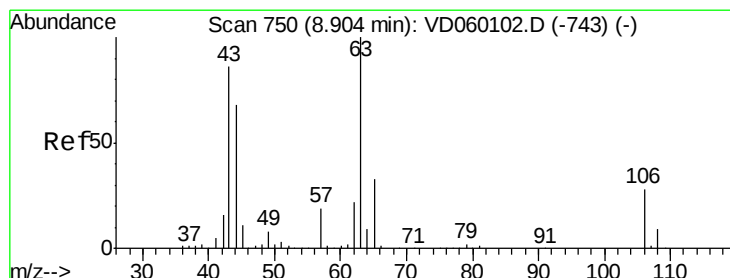
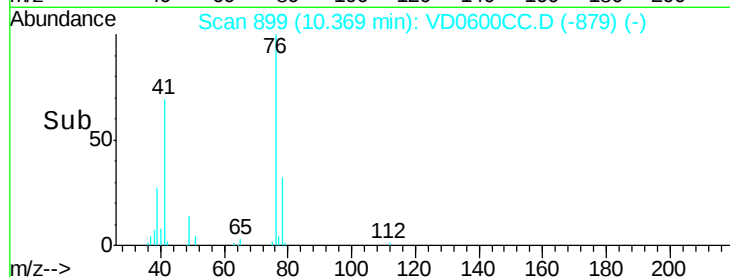
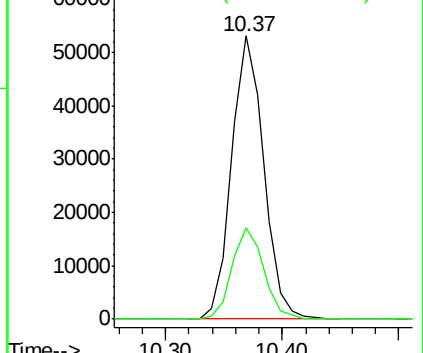
76 100

78 32.4 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 31.678 ug/l

RT: 8.90 min Scan# 750

Delta R.T. -0.00 min

Lab File: VD0600CC.D

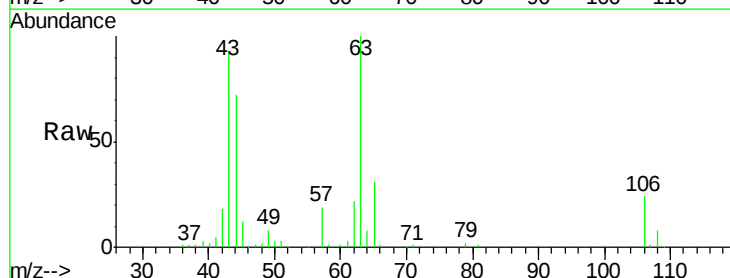
Acq: 1 Oct 2018 15:56

Tgt Ion: 63 Resp: 236315

Ion Ratio Lower Upper

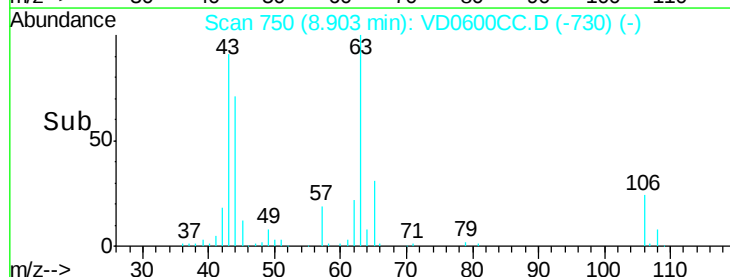
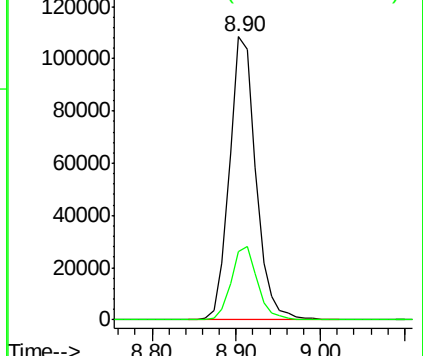
63 100

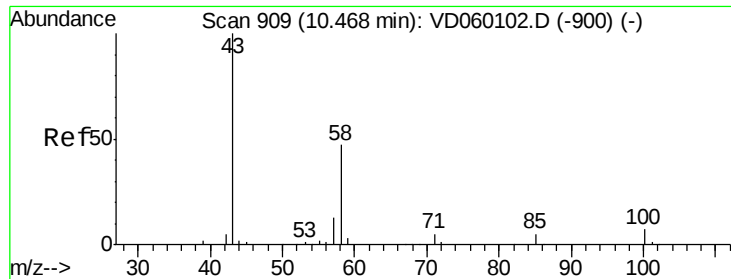
106 24.3 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

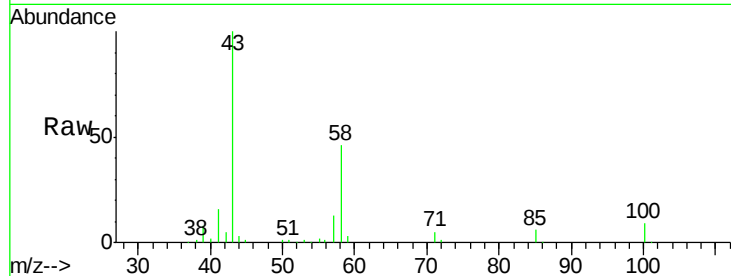




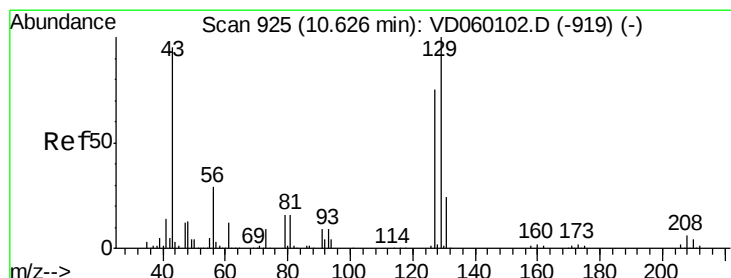
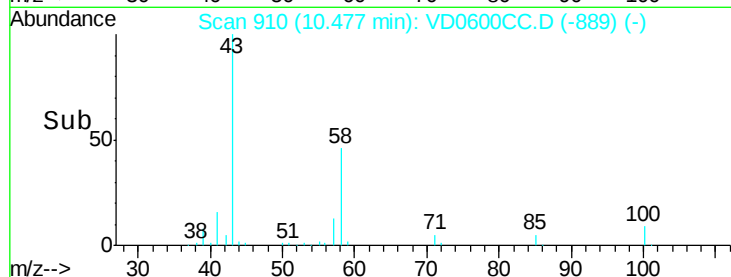
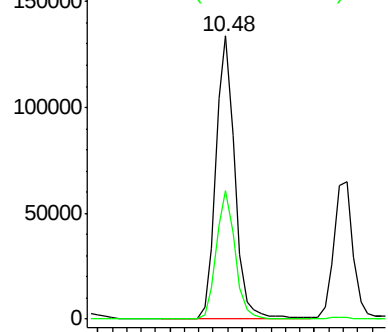
#59
2-Hexanone
Concen: 22.748 ug/l
RT: 10.48 min Scan# 910
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 43 Resp: 247526
Ion Ratio Lower Upper
43 100
58 45.6 23.3 69.9

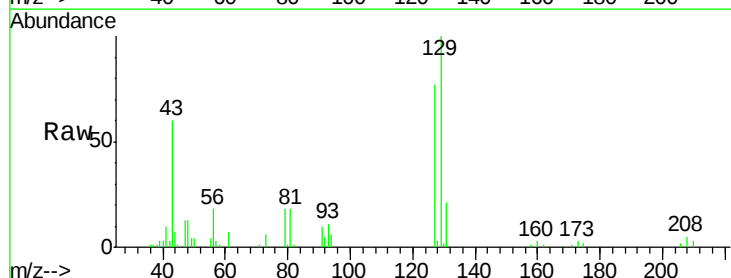


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

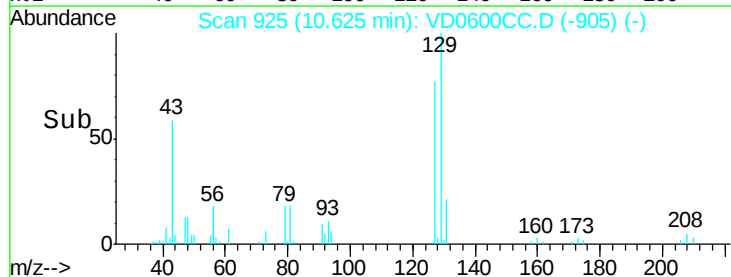
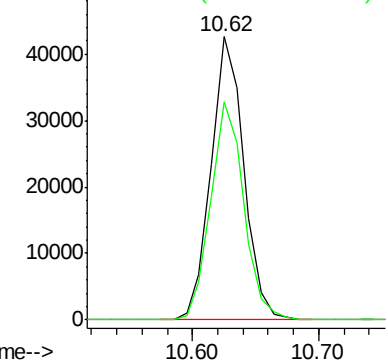


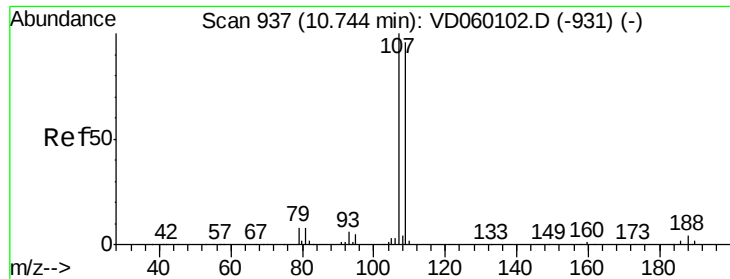
#60
Dibromochloromethane
Concen: 4.613 ug/l
RT: 10.62 min Scan# 925
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 129 Resp: 76385
Ion Ratio Lower Upper
129 100
127 77.2 37.4 112.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

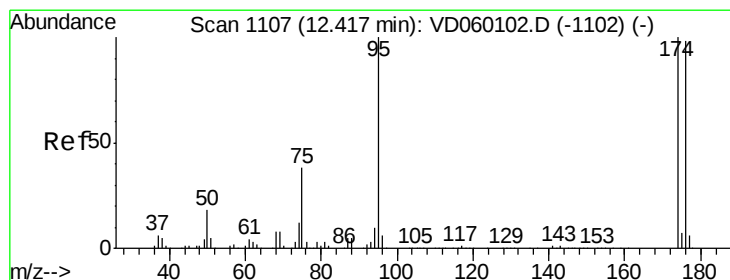
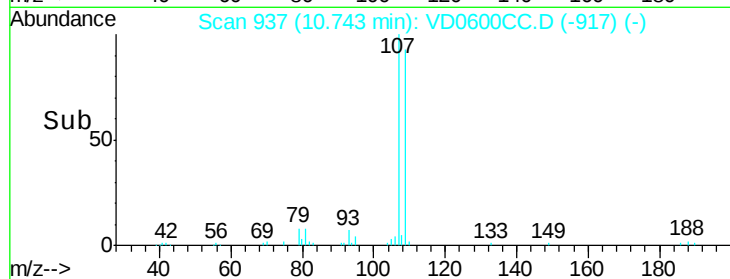
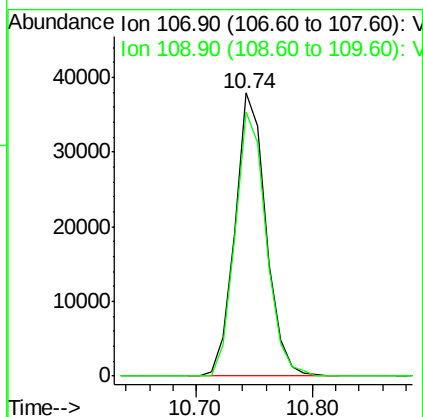
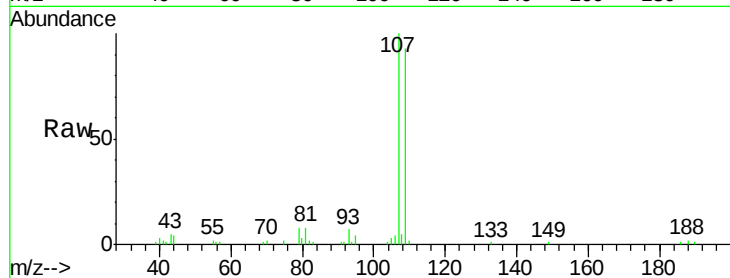




#61
 1,2-Dibromoethane
 Concen: 4.923 ug/l
 RT: 10.74 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

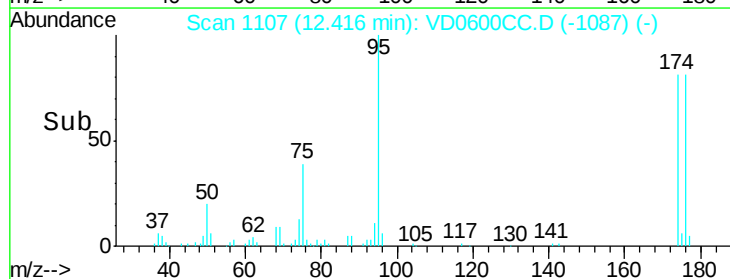
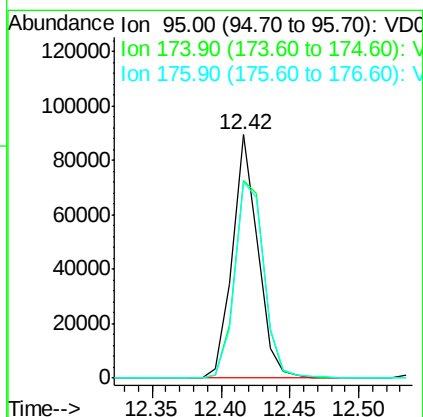
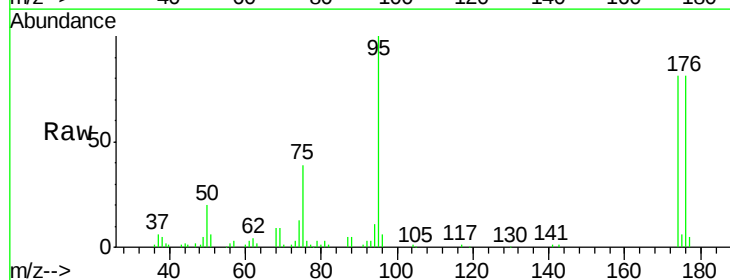
Instrument :
 MSVOA_D
 ClientSampleId :

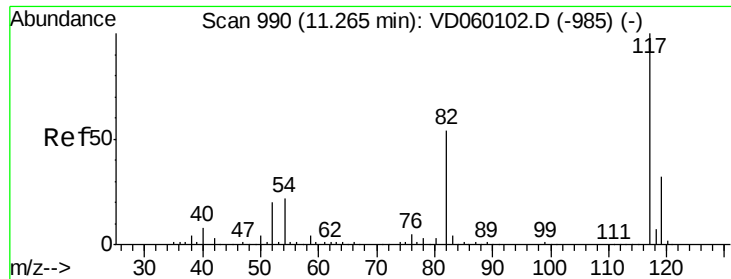
Tgt Ion: 107 Resp: 69735
 Ion Ratio Lower Upper
 107 100
 109 93.4 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 4.923 ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 95 Resp: 115241
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 200.2
 176 80.7 0.0 195.6

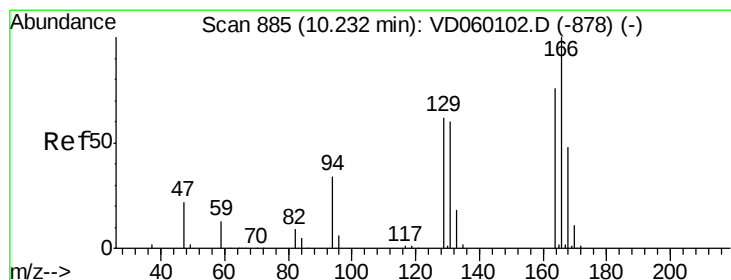
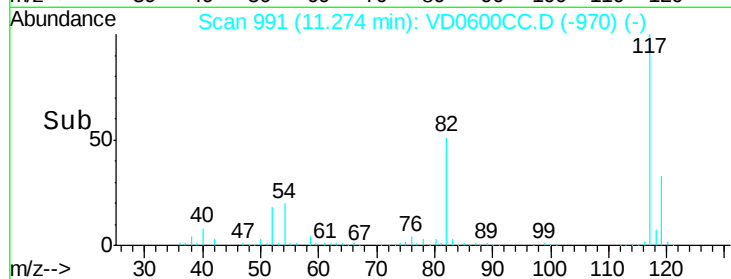
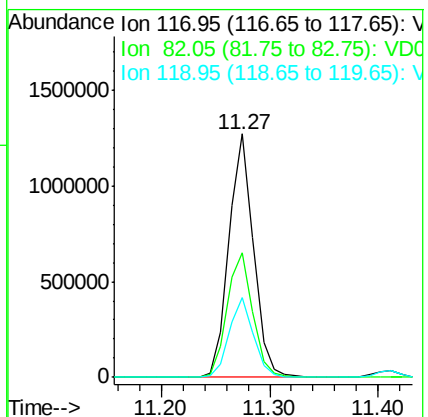
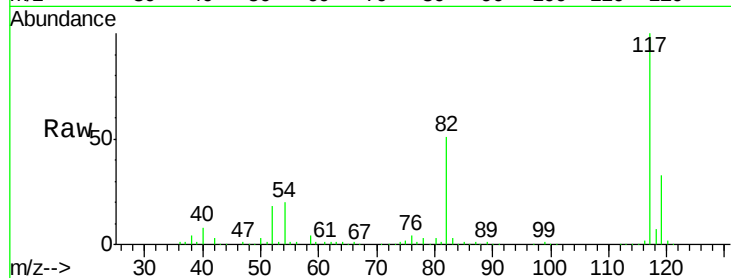




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

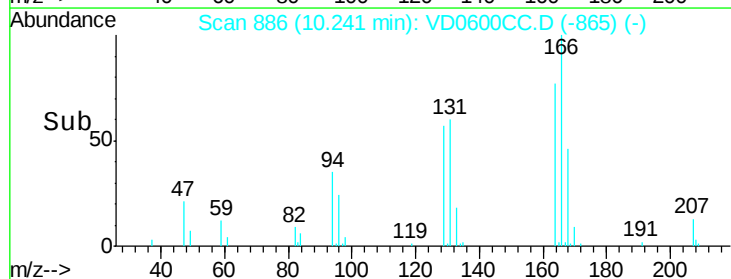
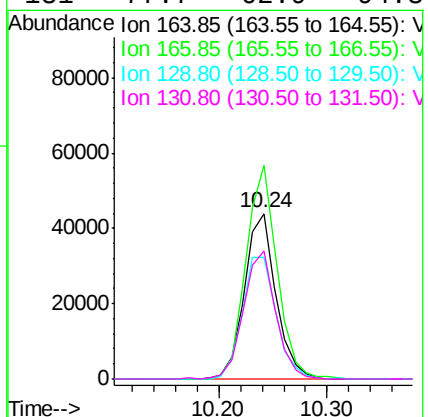
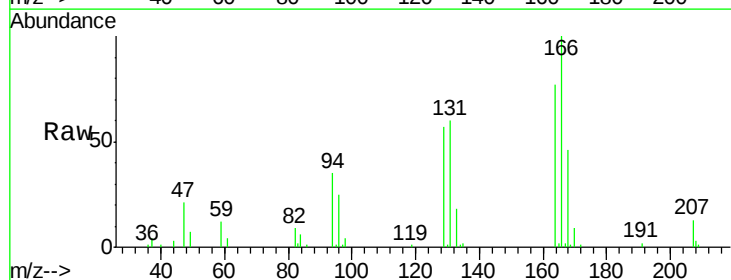
Instrument :
MSVOA_D
ClientSampleId :

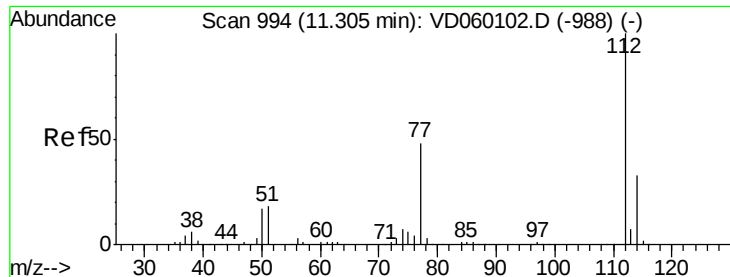
Tgt Ion:117 Resp: 2021677
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.2
119 33.0 26.0 39.0



#64
Tetrachloroethene
Concen: 5.024 ug/l
RT: 10.24 min Scan# 886
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion:164 Resp: 88470
Ion Ratio Lower Upper
164 100
166 129.2 105.4 158.0
129 73.3 65.7 98.5
131 77.7 62.9 94.3





#65

Chlorobenzene

Concen: 5.313 ug/l

RT: 11.30 min Scan# 994

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

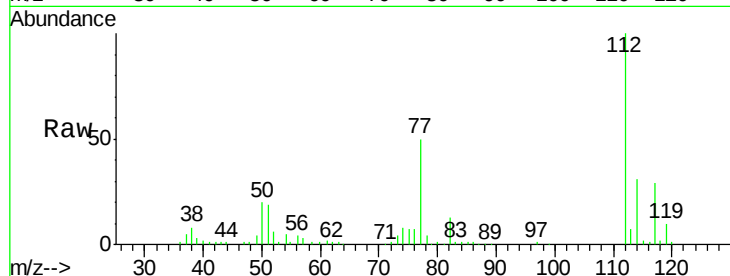
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 228399

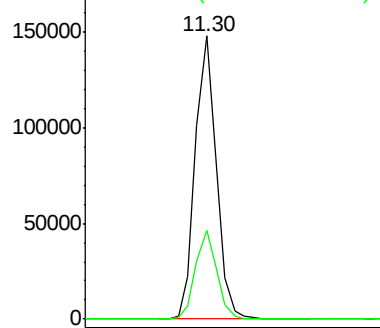
Ion Ratio Lower Upper

112 100

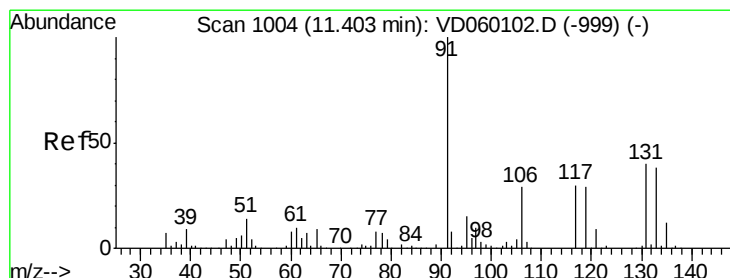
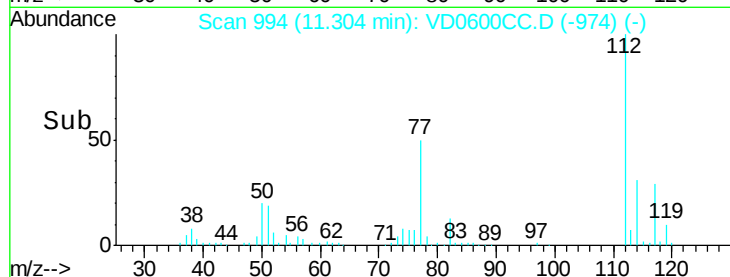
114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V



Time--> 11.20 11.30 11.40



#66

1,1,1,2-Tetrachloroethane

Concen: 5.246 ug/l

RT: 11.41 min Scan# 1005

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

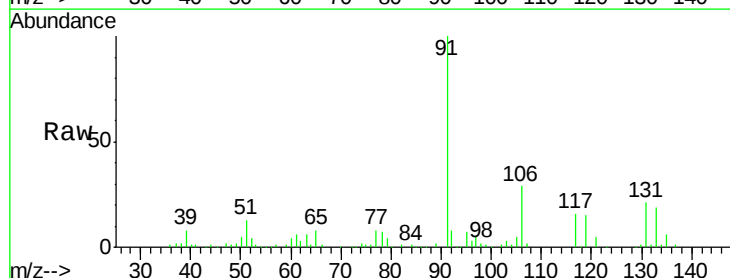
Tgt Ion:131 Resp: 75871

Ion Ratio Lower Upper

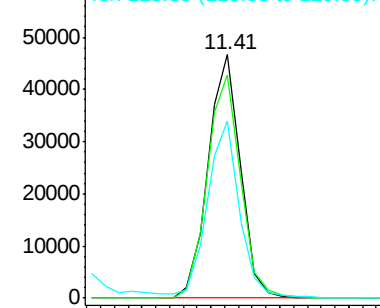
131 100

133 91.4 47.4 142.3

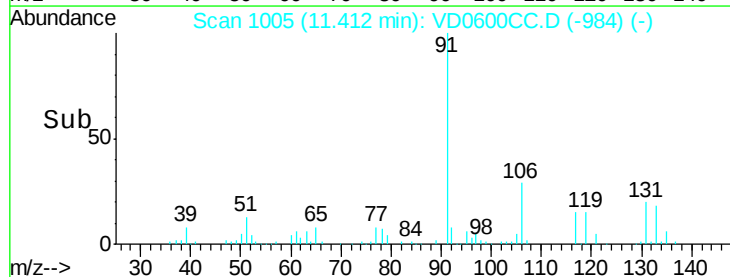
119 73.0 36.1 108.3

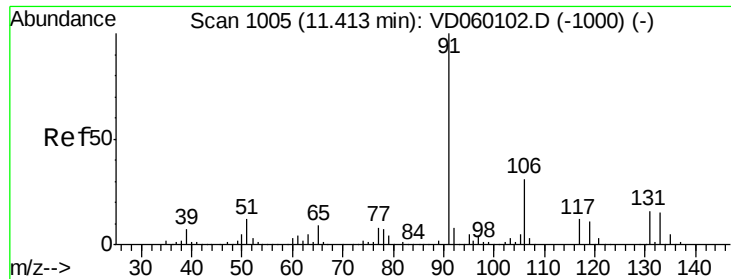


Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



Time--> 11.35 11.40 11.45 11.50

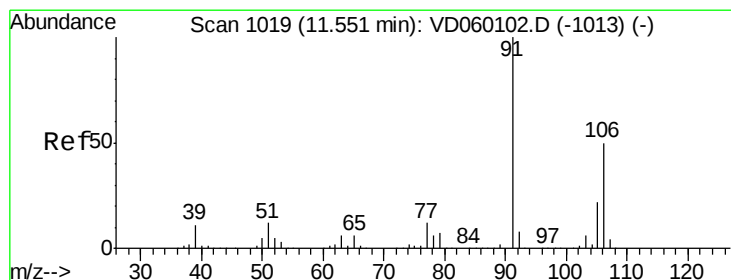
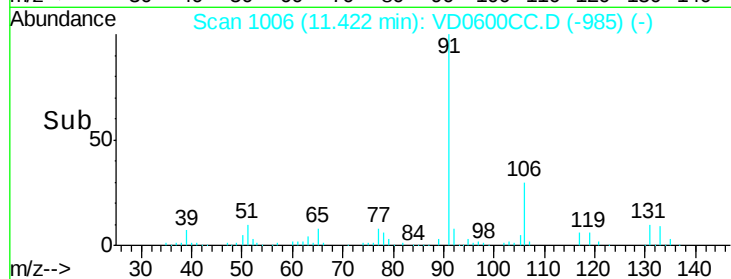
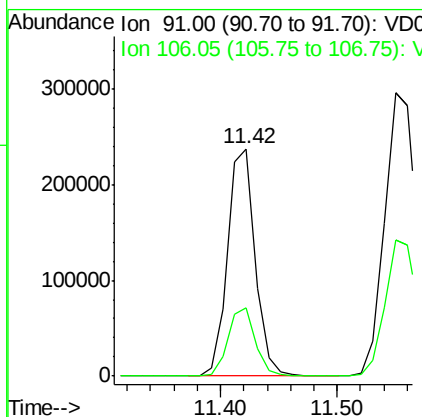
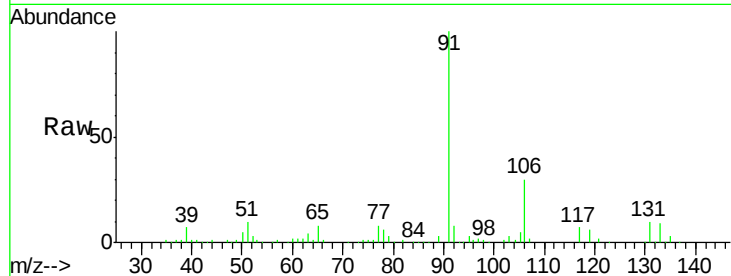




#67
Ethyl Benzene
Concen: 5.644 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

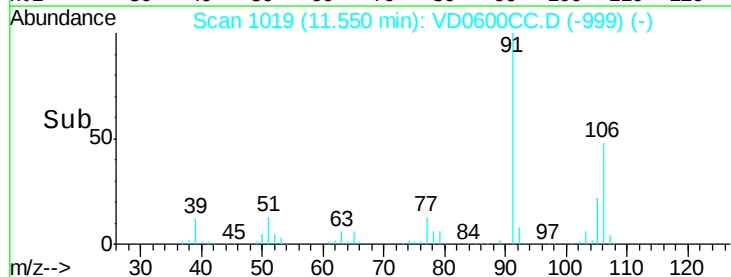
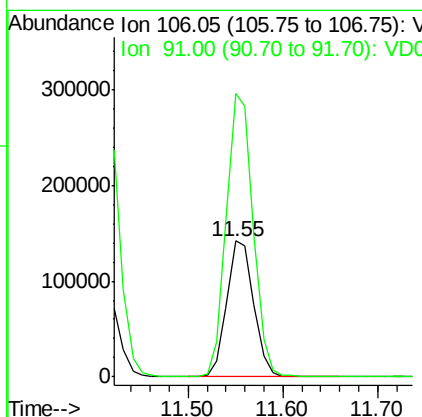
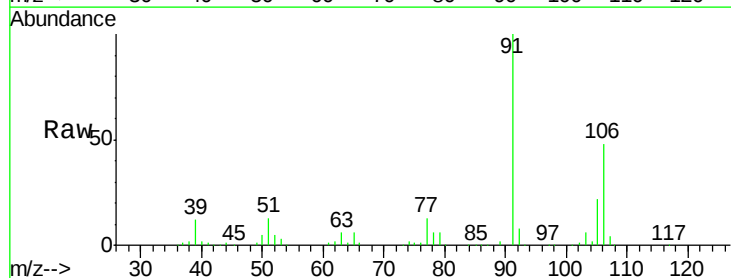
Instrument :
MSVOA_D
ClientSampleId :

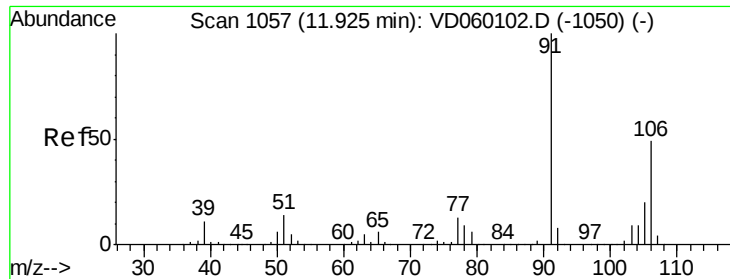
Tgt Ion: 91 Resp: 389585
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 10.949 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 106 Resp: 278343
Ion Ratio Lower Upper
106 100
91 208.7 160.0 240.0

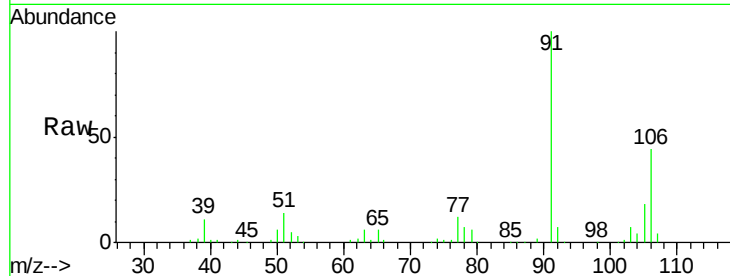




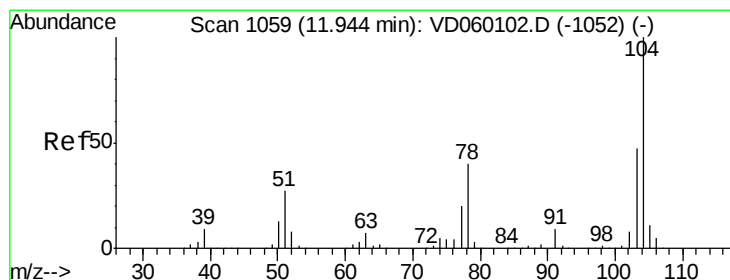
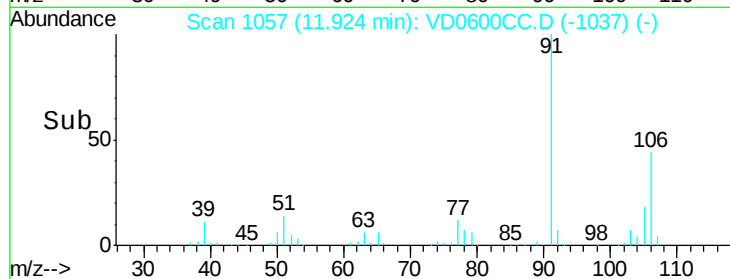
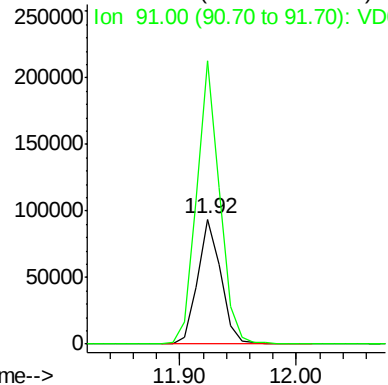
#69
o-Xylene
Concen: 5.146 ug/l
RT: 11.92 min Scan# 1057
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:106 Resp: 130477
Ion Ratio Lower Upper
106 100
91 226.1 102.5 307.5

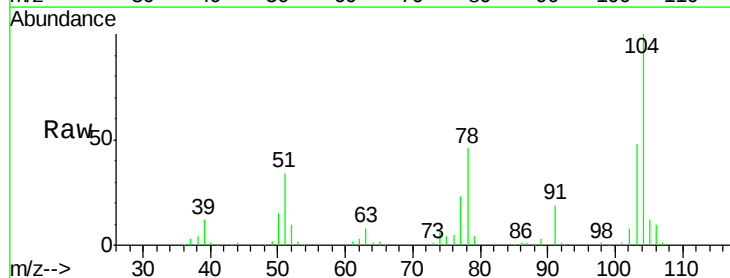


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

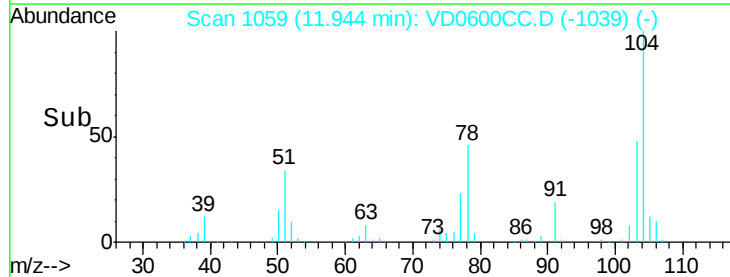
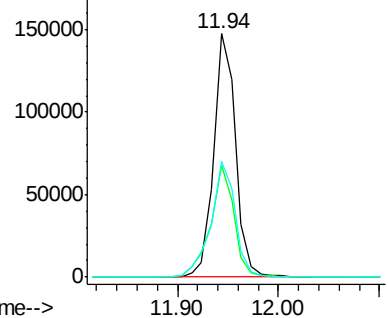


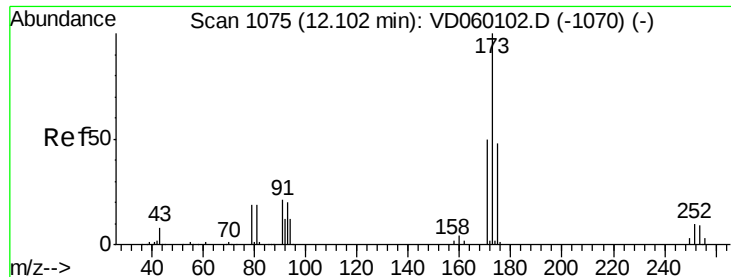
#70
Styrene
Concen: 5.181 ug/l
RT: 11.94 min Scan# 1059
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion:104 Resp: 220579
Ion Ratio Lower Upper
104 100
78 45.9 32.2 48.4
103 47.6 37.4 56.0



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 4.358 ug/l

RT: 12.11 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampled :

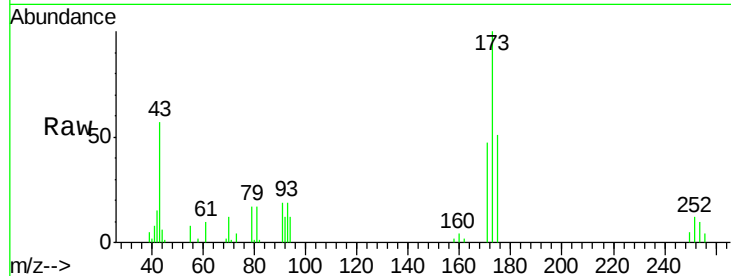
Tgt Ion:173 Resp: 53944

Ion Ratio Lower Upper

173 100

175 50.5 24.1 72.4

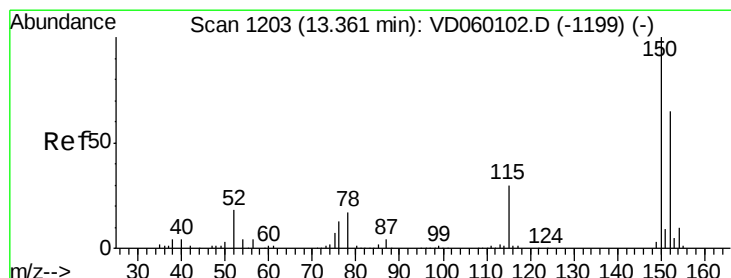
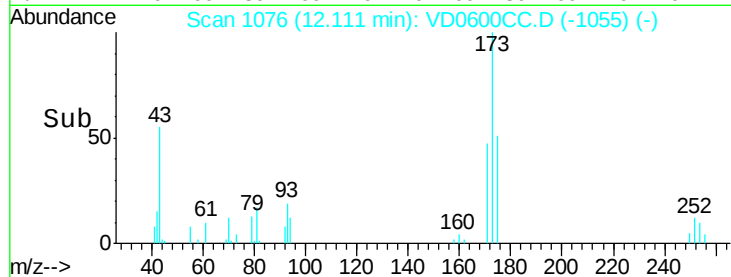
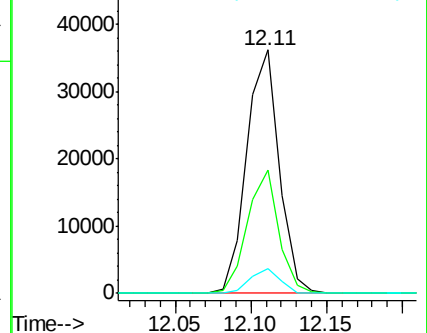
254 10.0 7.4 11.0



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

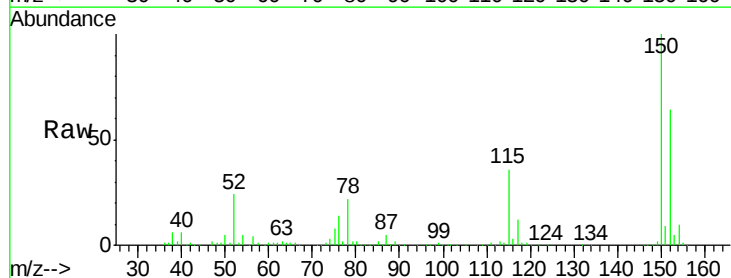
Tgt Ion:152 Resp: 1040802

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.2

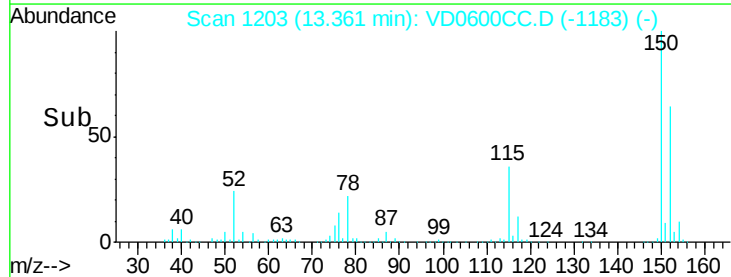
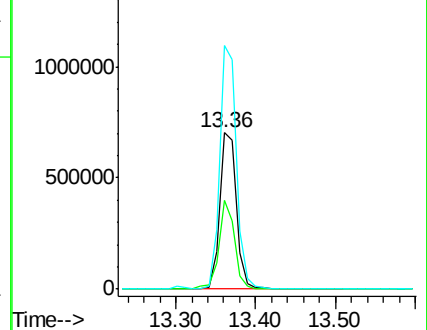
150 155.5 0.0 311.8

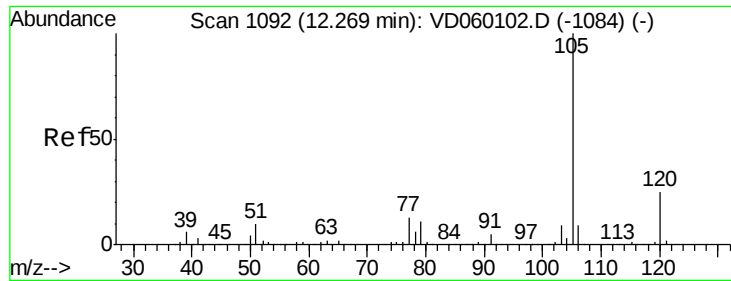


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.324 ug/l

RT: 12.27 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

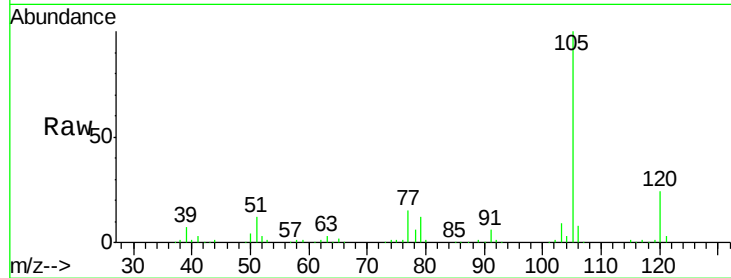
ClientSampled :

Tgt Ion: 105 Resp: 360071

Ion Ratio Lower Upper

105 100

120 24.0 12.6 37.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.27

250000

200000

150000

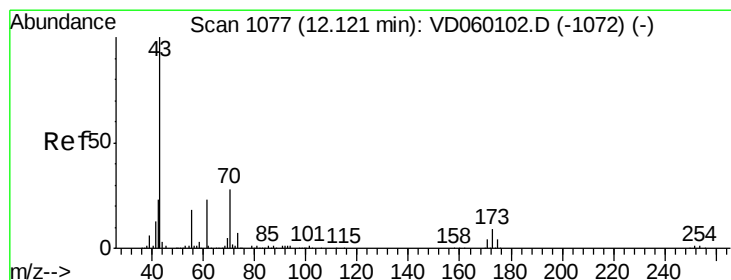
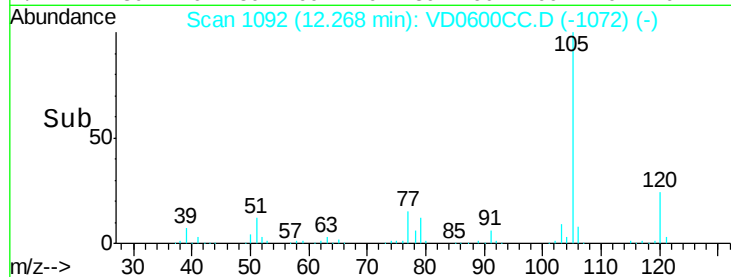
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 4.949 ug/l

RT: 12.12 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Tgt Ion: 43 Resp: 131745

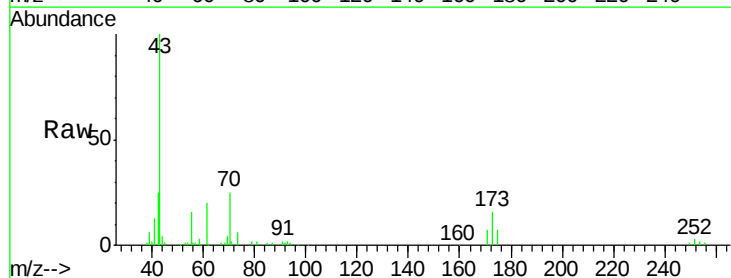
Ion Ratio Lower Upper

43 100

70 24.9 22.1 33.1

55 16.4 14.1 21.1

61 19.8 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

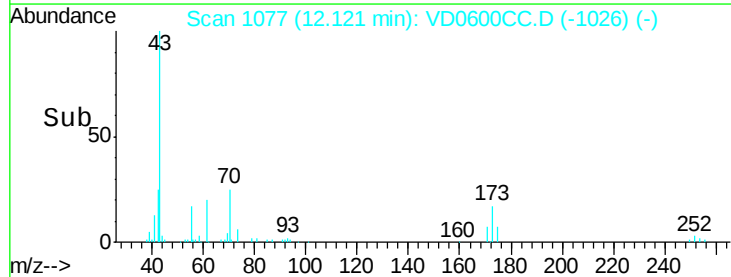
100000

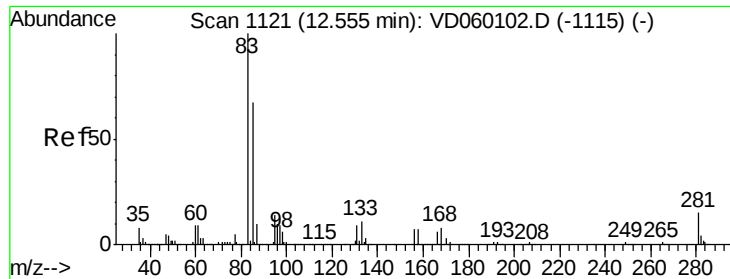
50000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 5.171 ug/l

RT: 12.55 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

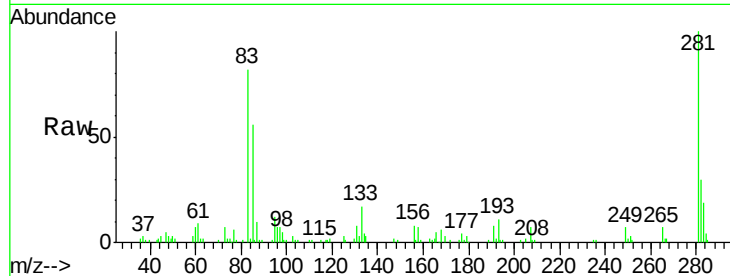
Tgt Ion: 83 Resp: 79272

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.4

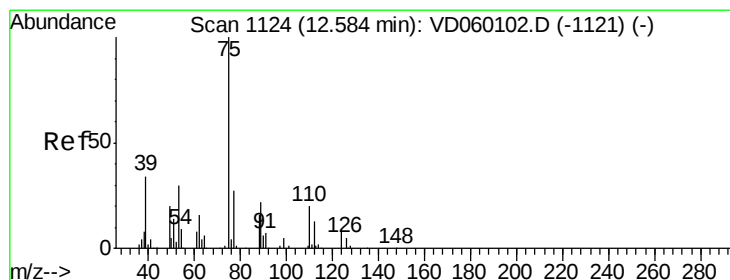
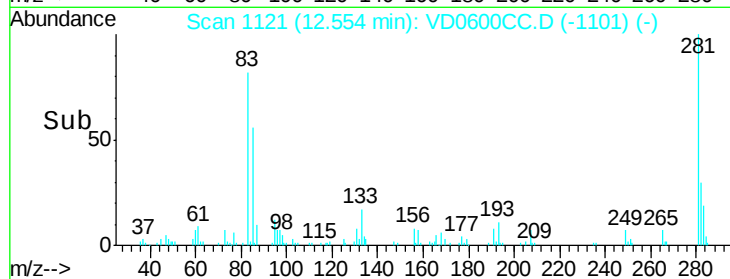
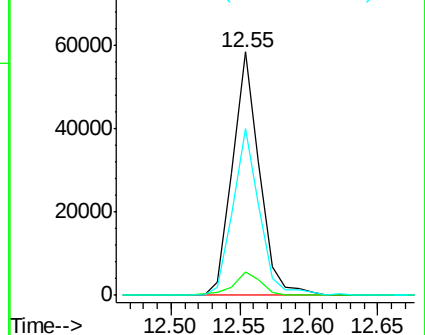
85 68.5 33.3 99.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 5.222 ug/l

RT: 12.59 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VD0600CC.D

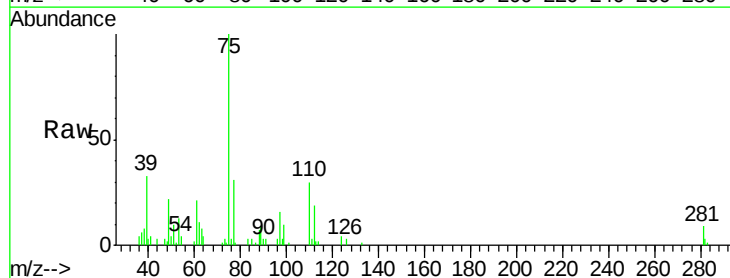
Acq: 1 Oct 2018 15:56

Tgt Ion: 75 Resp: 81682

Ion Ratio Lower Upper

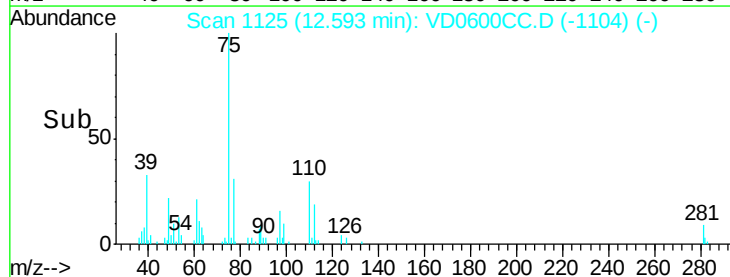
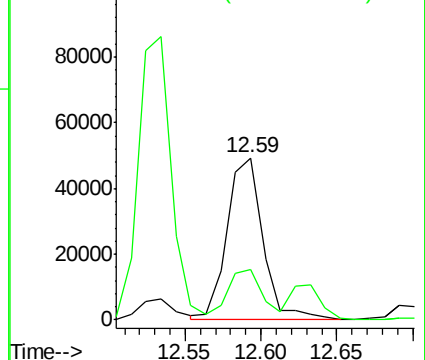
75 100

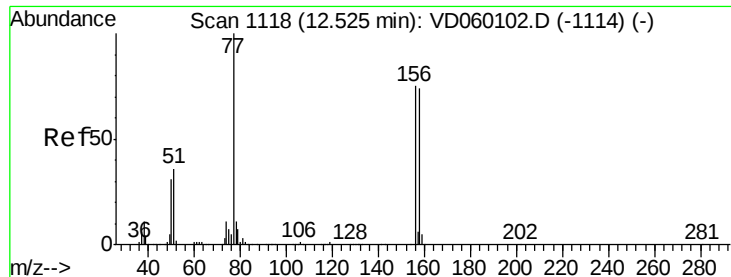
77 30.9 16.3 48.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 5.386 ug/l

RT: 12.53 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

ClientSampled :

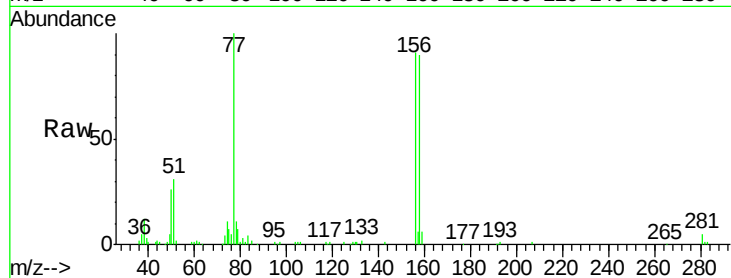
Tgt Ion: 156 Resp: 105545

Ion Ratio Lower Upper

156 100

77 109.8 66.9 200.7

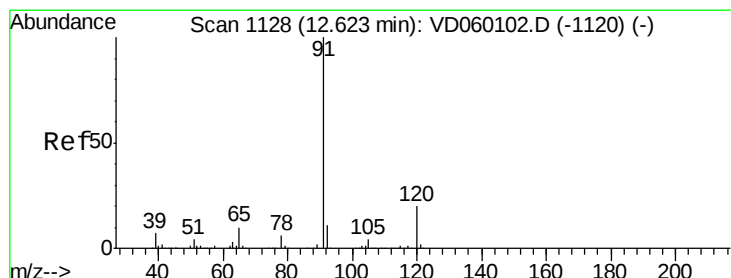
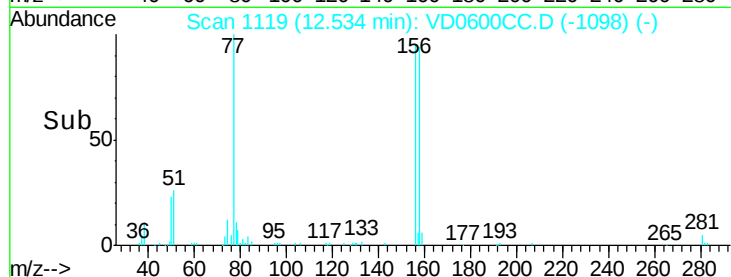
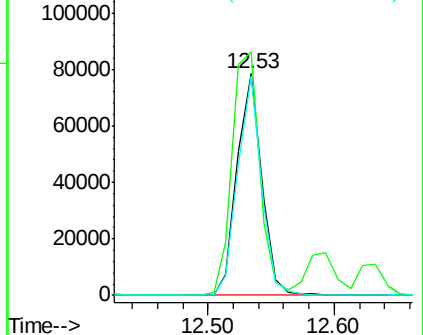
158 98.7 49.1 147.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 5.382 ug/l

RT: 12.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD0600CC.D

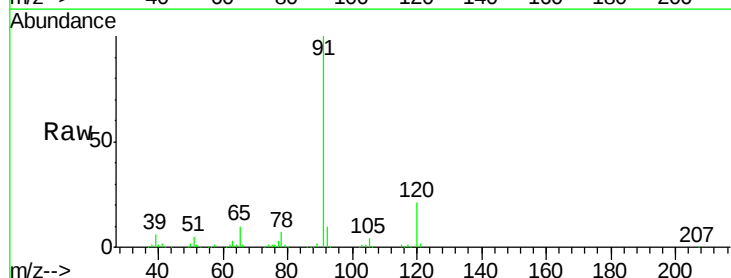
Acq: 1 Oct 2018 15:56

Tgt Ion: 91 Resp: 456329

Ion Ratio Lower Upper

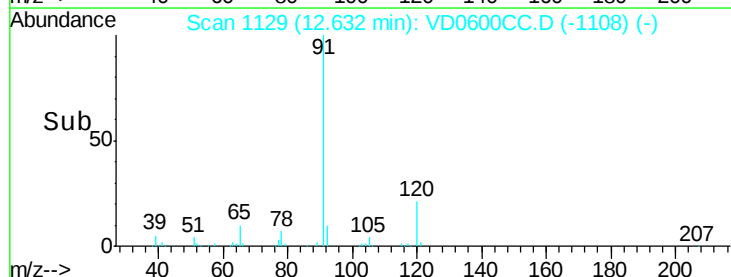
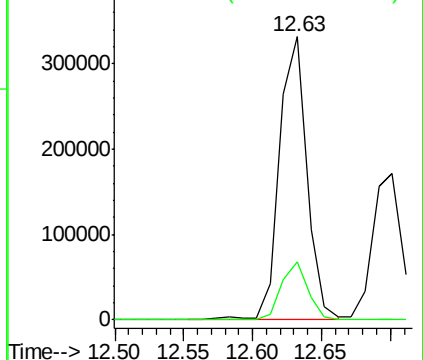
91 100

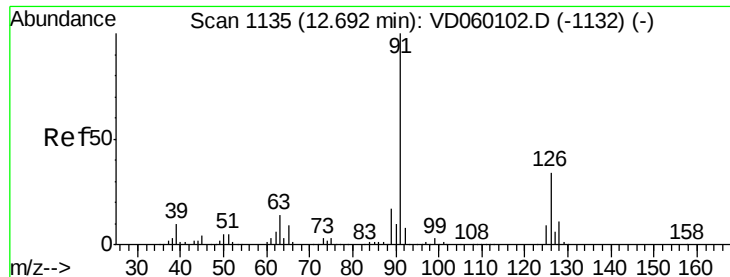
120 20.7 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 5.277 ug/l

RT: 12.70 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VD0600CC.D

Acq: 1 Oct 2018 15:56

Instrument :

MSVOA_D

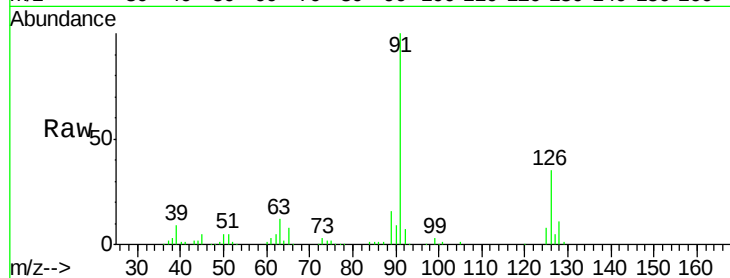
ClientSampleId :

Tgt Ion: 91 Resp: 252059

Ion Ratio Lower Upper

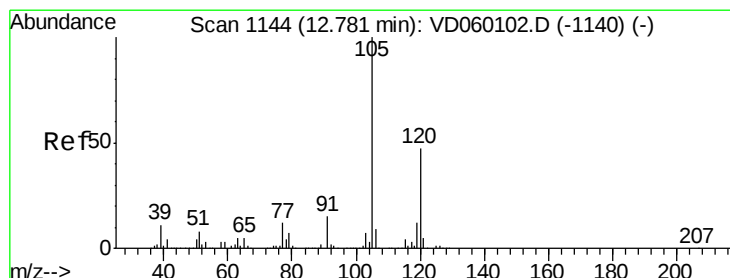
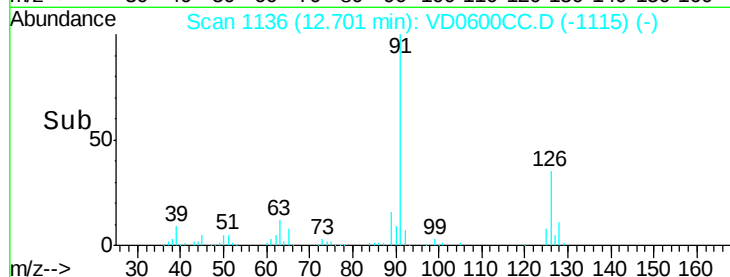
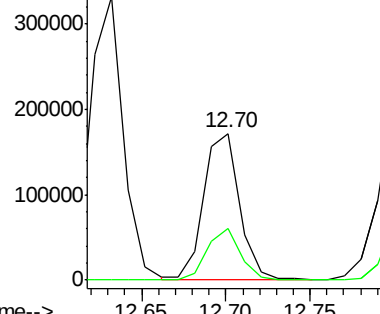
91 100

126 35.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 5.557 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD0600CC.D

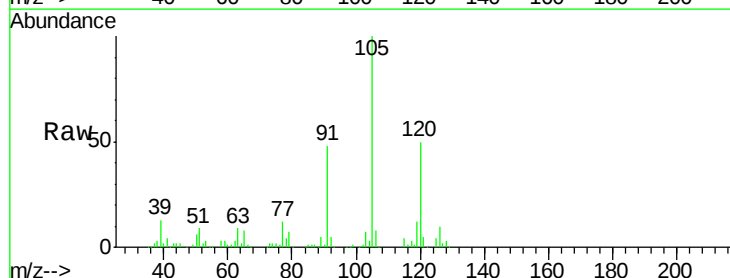
Acq: 1 Oct 2018 15:56

Tgt Ion:105 Resp: 287908

Ion Ratio Lower Upper

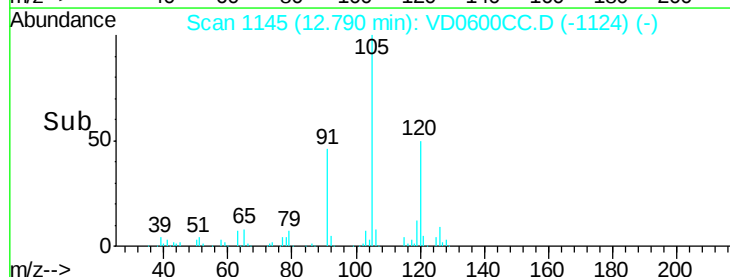
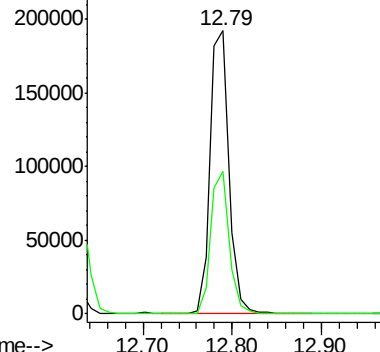
105 100

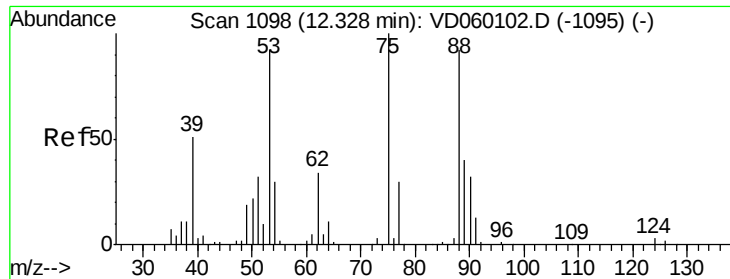
120 50.3 23.7 71.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

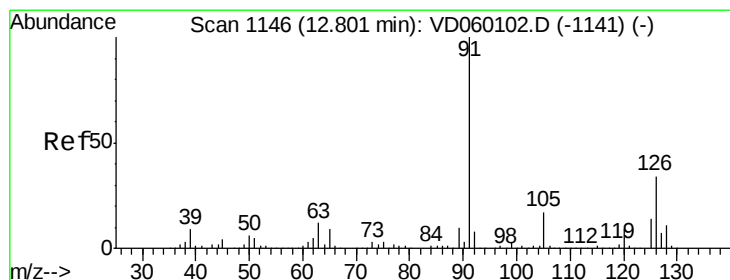
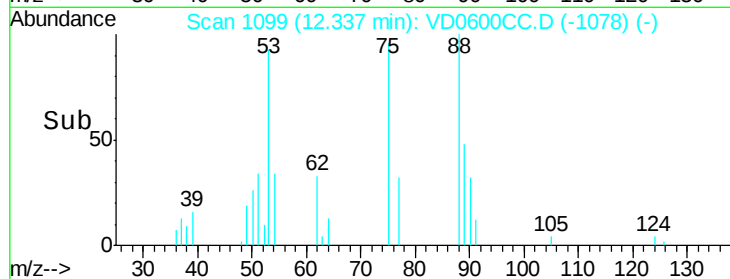
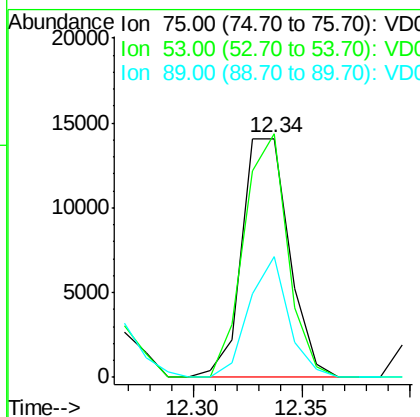
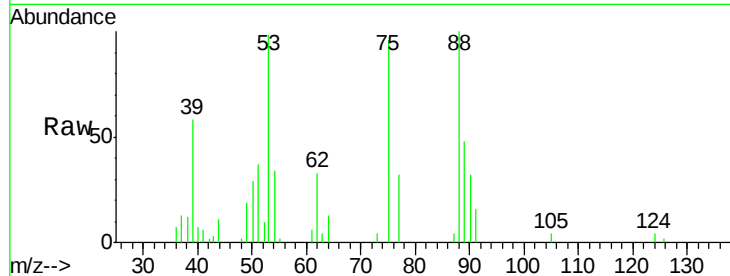




#81
trans-1,4-Dichloro-2-butene
Concen: 4.607 ug/l
RT: 12.34 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

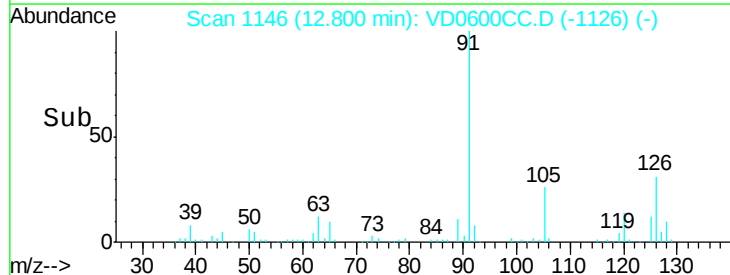
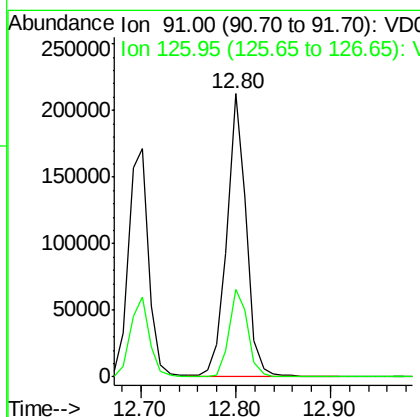
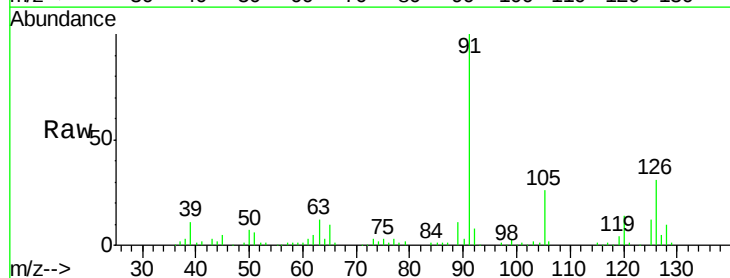
Instrument :
MSVOA_D
ClientSampleId :

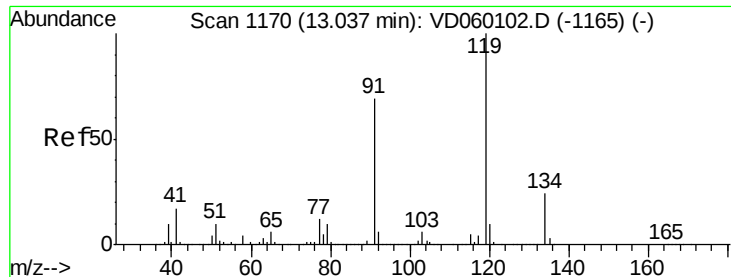
Tgt Ion: 75 Resp: 21716
Ion Ratio Lower Upper
75 100
53 102.1 73.0 109.6
89 50.4 32.0 48.0#



#82
4-Chlorotoluene
Concen: 5.689 ug/l
RT: 12.80 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 91 Resp: 298812
Ion Ratio Lower Upper
91 100
126 30.8 17.1 51.2

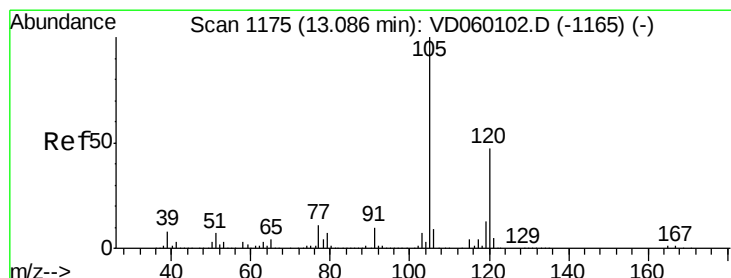
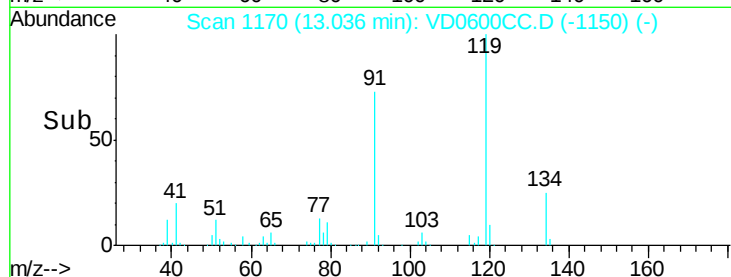
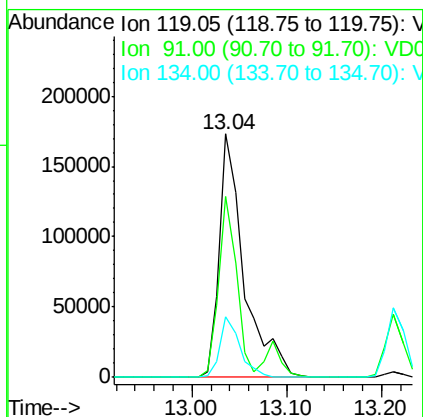
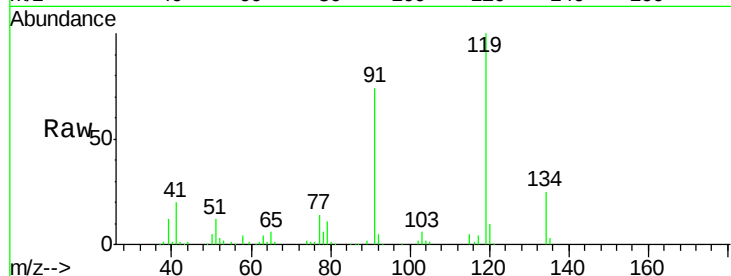




#83
 tert-Butylbenzene
 Concen: 5.250 ug/l
 RT: 13.04 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

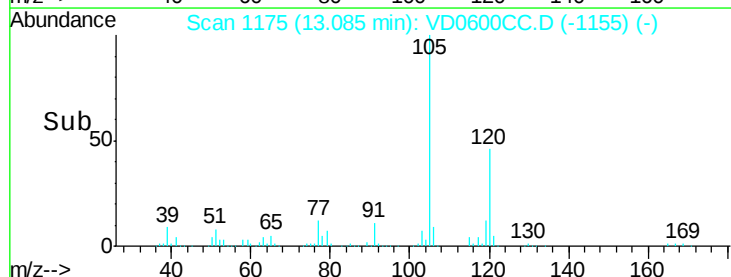
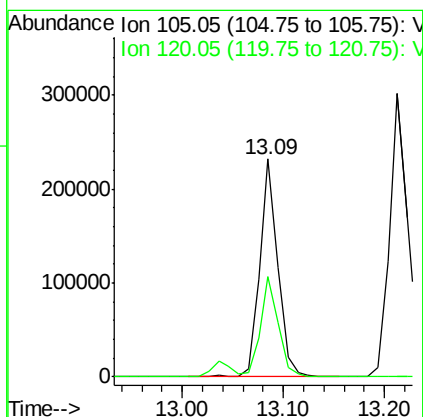
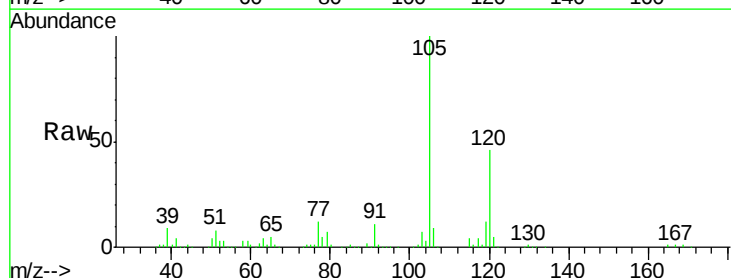
Instrument :
 MSVOA_D
 ClientSampleId :

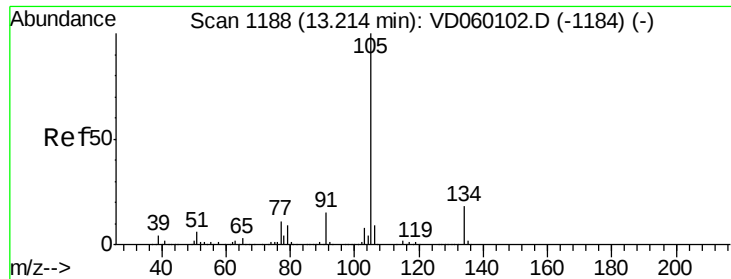
Tgt Ion:119 Resp: 315774
 Ion Ratio Lower Upper
 119 100
 91 74.4 34.8 104.4
 134 24.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.248 ug/l
 RT: 13.09 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion:105 Resp: 291044
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.0

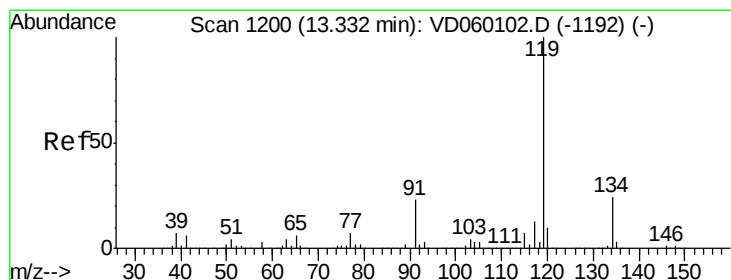
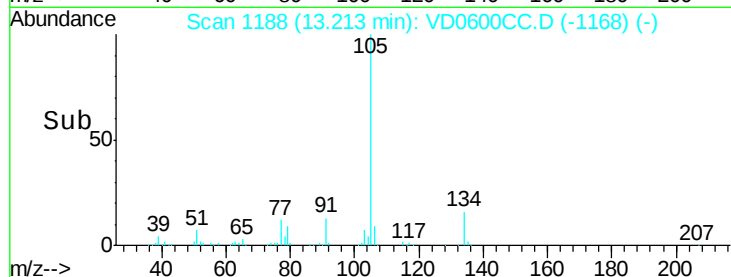
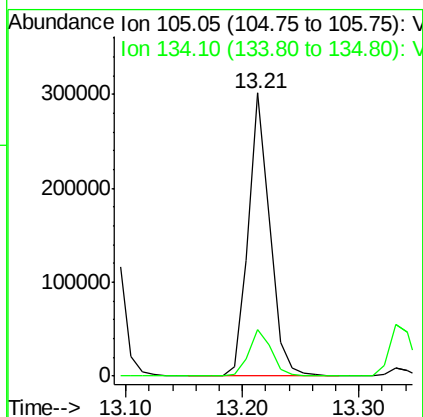
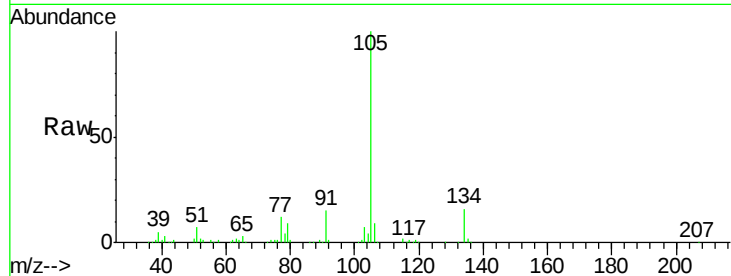




#85
 sec-Butylbenzene
 Concen: 5.459 ug/l
 RT: 13.21 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

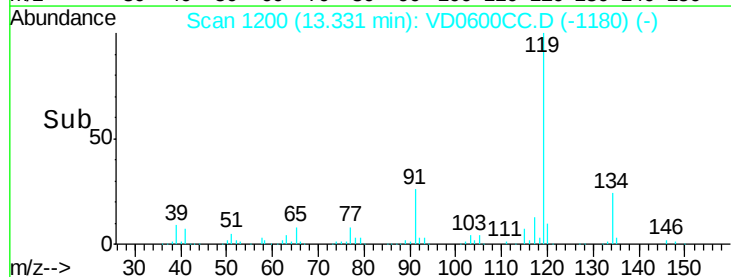
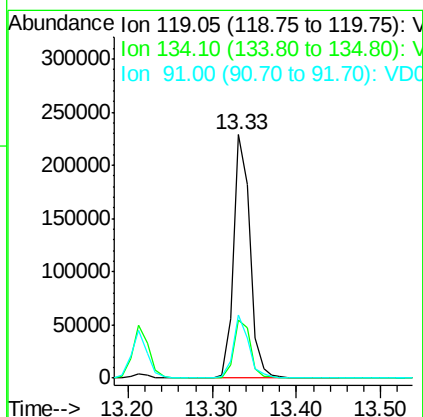
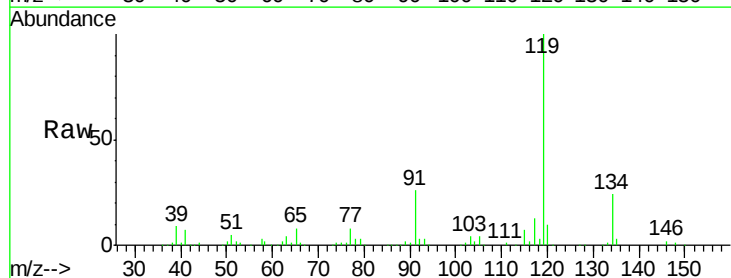
Instrument :
 MSVOA_D
 ClientSampleId :

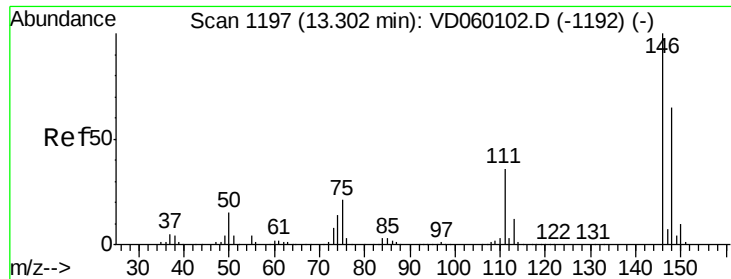
Tgt Ion:105 Resp: 387499
 Ion Ratio Lower Upper
 105 100
 134 16.5 8.8 26.2



#86
 p-Isopropyltoluene
 Concen: 5.373 ug/l
 RT: 13.33 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion:119 Resp: 308682
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.3 36.8
 91 25.7 11.8 35.4

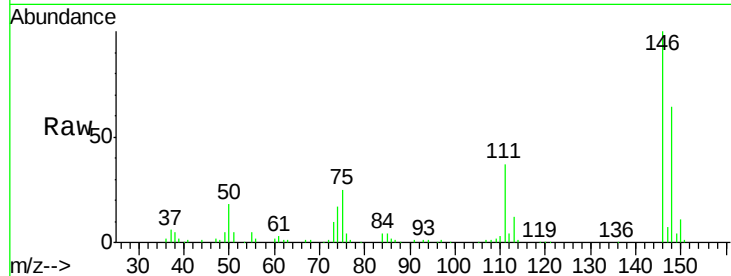




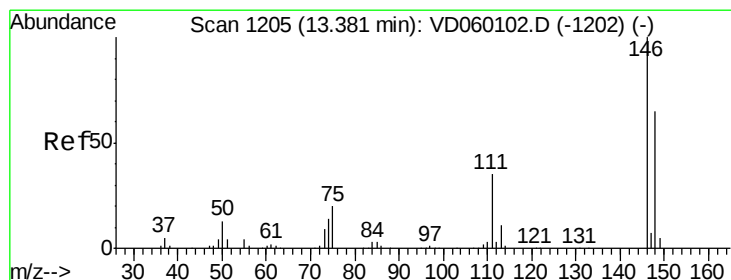
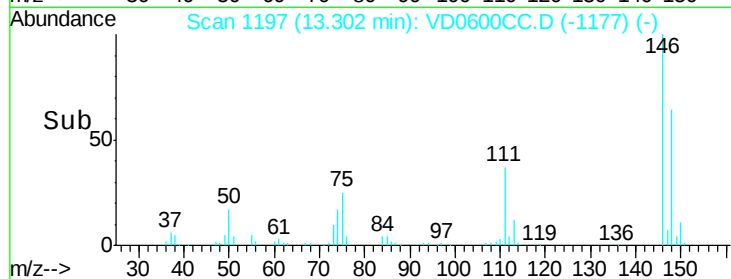
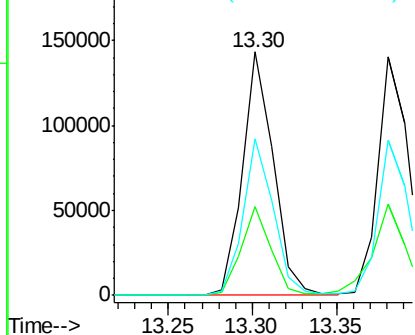
#87
 1,3-Dichlorobenzene
 Concen: 5.373 ug/l
 RT: 13.30 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion:146 Resp: 182731
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 64.4 32.3 96.9

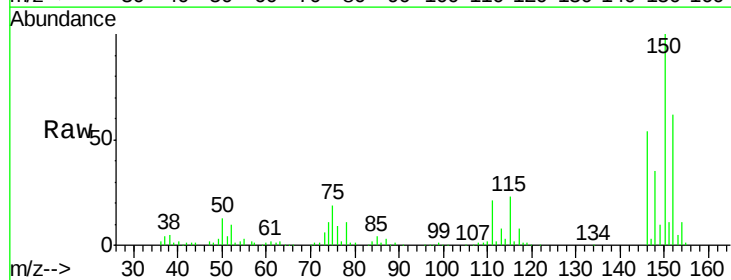


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

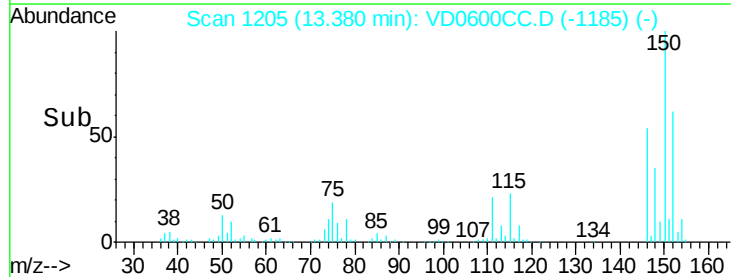
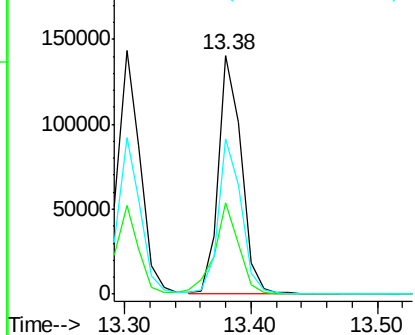


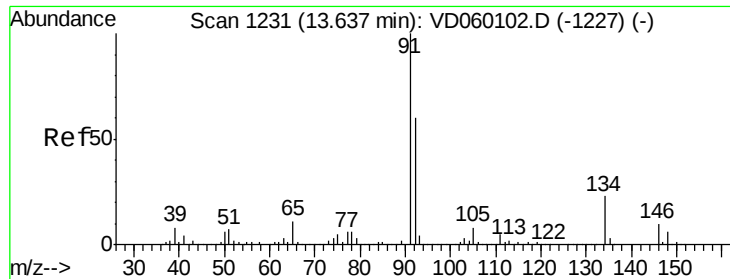
#88
 1,4-Dichlorobenzene
 Concen: 5.174 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion:146 Resp: 178340
 Ion Ratio Lower Upper
 146 100
 111 38.3 17.8 53.3
 148 64.8 32.4 97.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

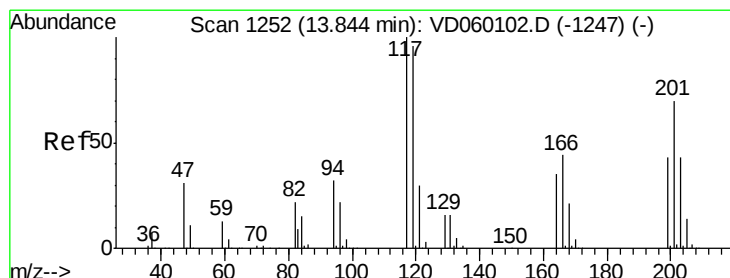
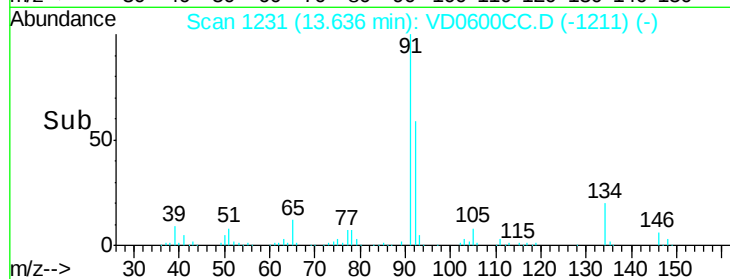
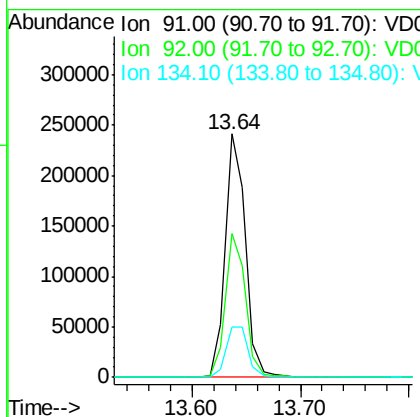
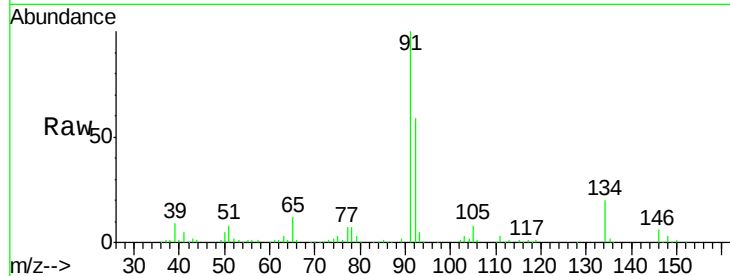




#89
n-Butylbenzene
Concen: 5.586 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

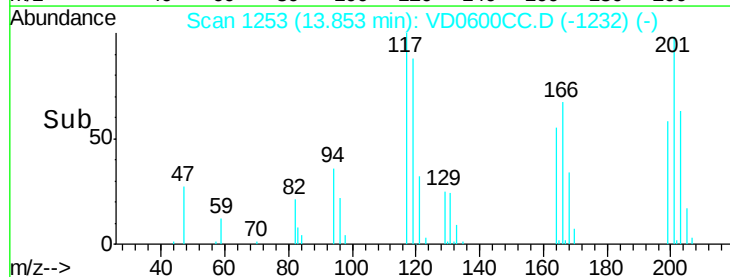
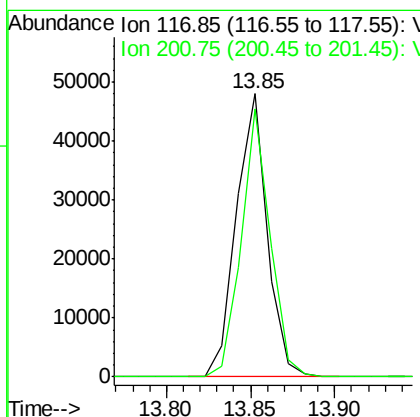
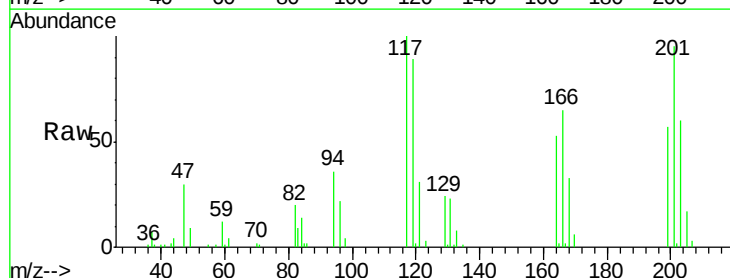
Instrument :
MSVOA_D
ClientSampleId :

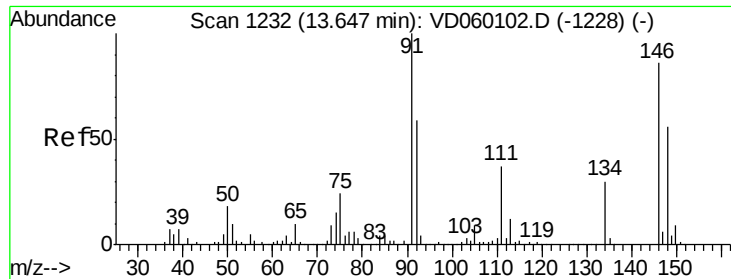
Tgt Ion: 91 Resp: 312597
Ion Ratio Lower Upper
91 100
92 58.8 30.1 90.3
134 20.5 11.6 34.7



#90
Hexachloroethane
Concen: 4.300 ug/l
RT: 13.85 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion: 117 Resp: 61082
Ion Ratio Lower Upper
117 100
201 94.7 34.8 104.5

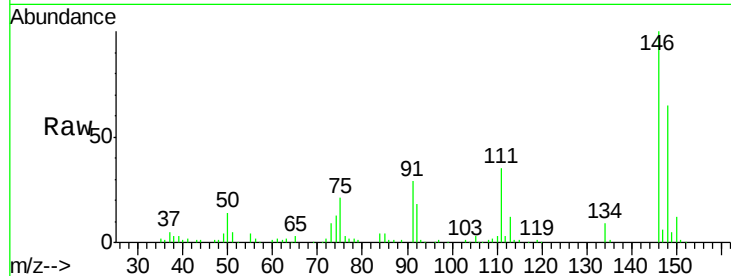




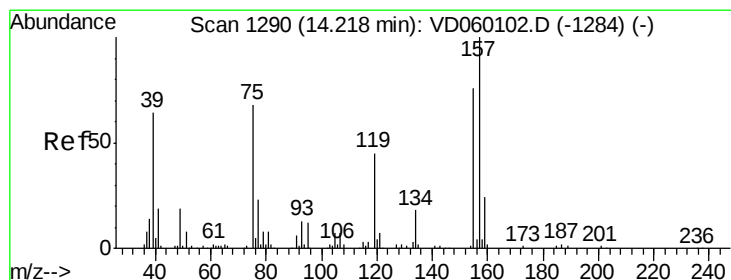
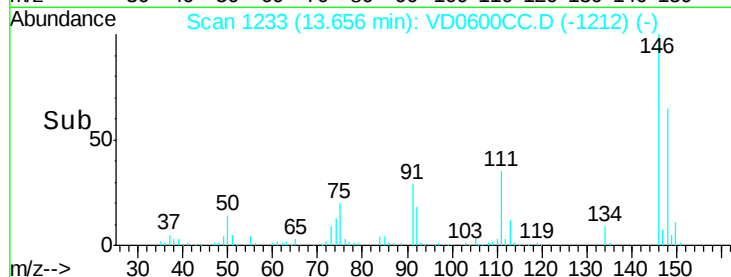
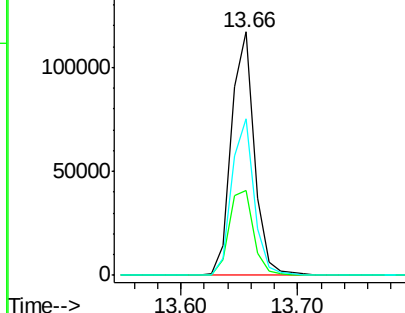
#91
 1,2-Dichlorobenzene
 Concen: 5.695 ug/l
 RT: 13.66 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 146 Resp: 159855
 Ion Ratio Lower Upper
 146 100
 111 35.1 21.4 64.3
 148 64.5 32.2 96.6

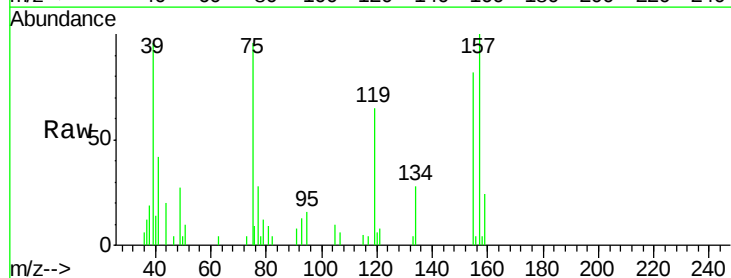


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

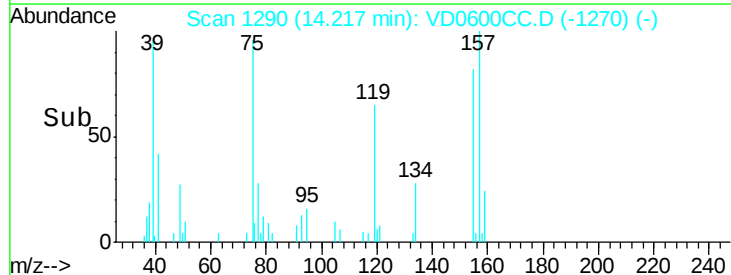
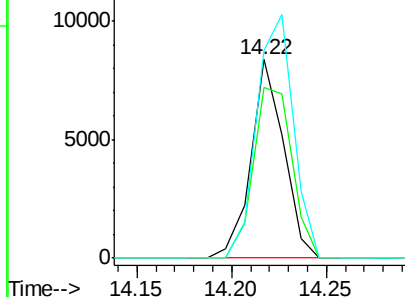


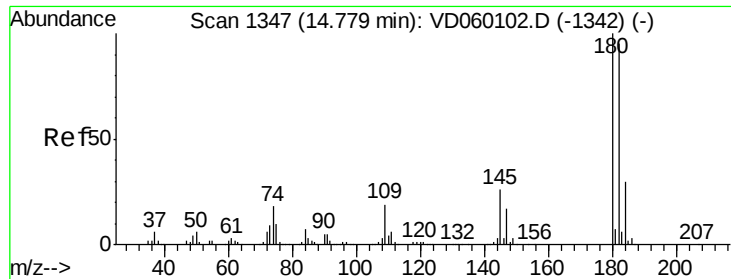
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.296 ug/l
 RT: 14.22 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion: 75 Resp: 10059
 Ion Ratio Lower Upper
 75 100
 155 86.0 55.9 167.7
 157 104.5 73.3 219.8



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

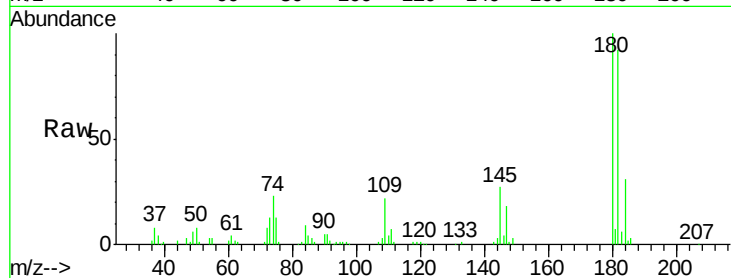




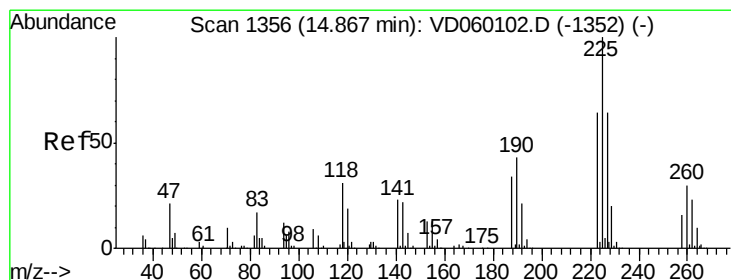
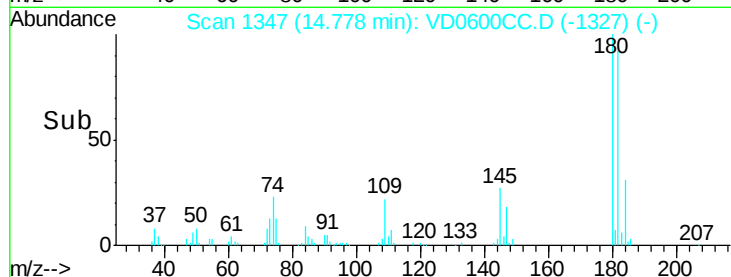
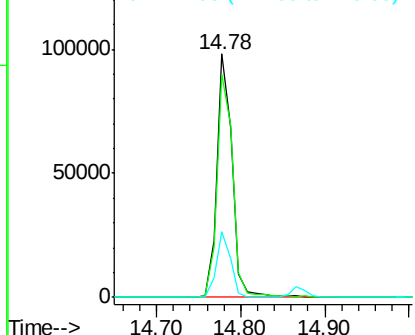
#93
 1,2,4-Trichlorobenzene
 Concen: 5.079 ug/l
 RT: 14.78 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 123114
 Ion Ratio Lower Upper
 180 100
 182 91.6 47.3 141.8
 145 27.1 13.0 38.9

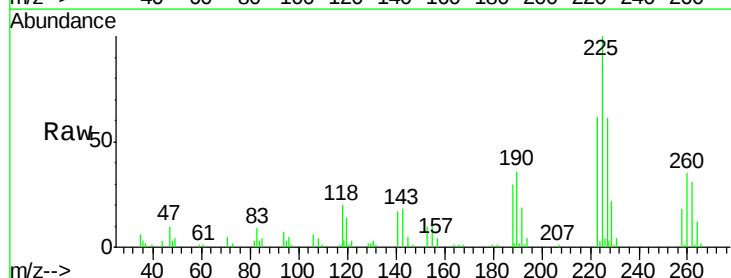


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

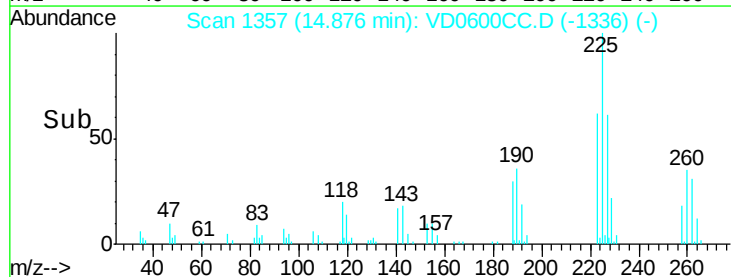
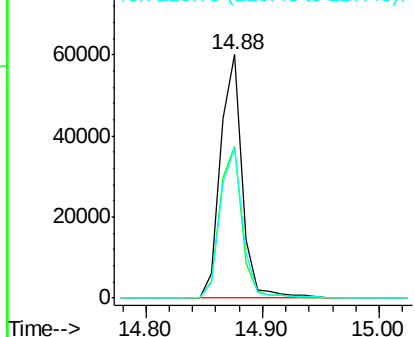


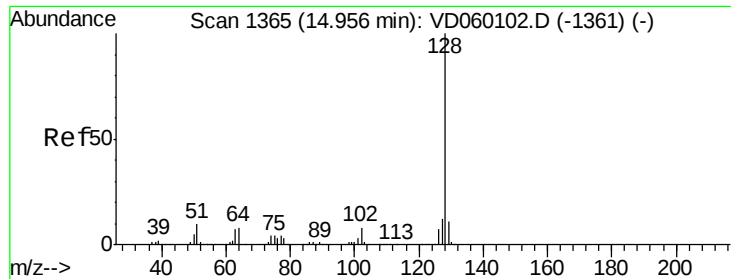
#94
 Hexachlorobutadiene
 Concen: 4.835 ug/l
 RT: 14.88 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: VD0600CC.D
 Acq: 1 Oct 2018 15:56

Tgt Ion:225 Resp: 77652
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.8 95.4
 227 61.5 32.0 96.0



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

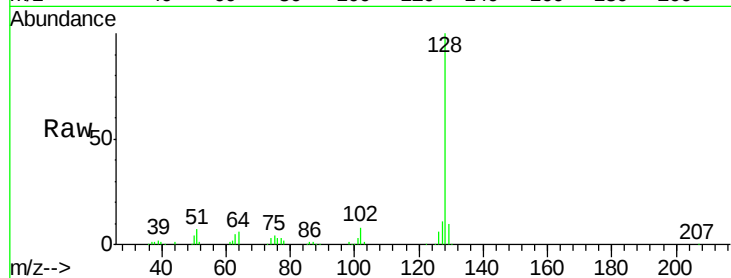




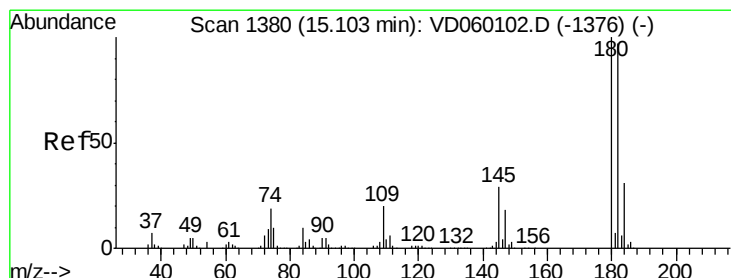
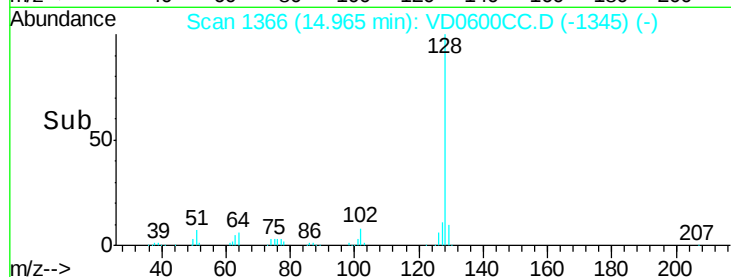
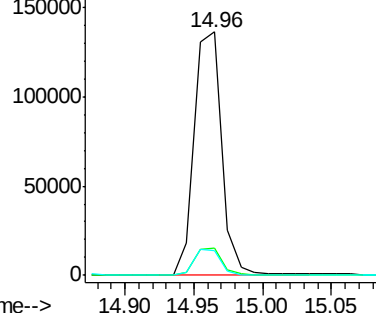
#95
Naphthalene
Concen: 5.055 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 188938
Ion Ratio Lower Upper
128 100
127 11.3 9.9 14.9
129 10.3 8.8 13.2

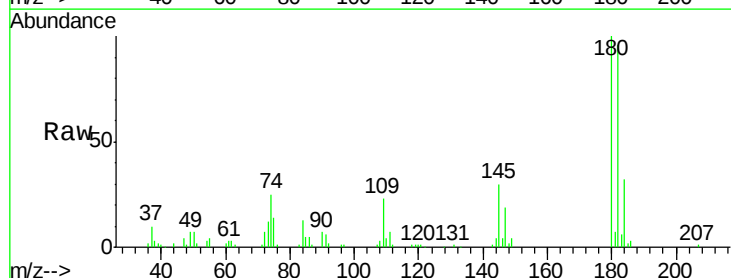


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.033 ug/l
RT: 15.10 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD0600CC.D
Acq: 1 Oct 2018 15:56

Tgt Ion:180 Resp: 106833
Ion Ratio Lower Upper
180 100
182 96.2 48.4 145.0
145 29.7 14.5 43.6



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

