

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012319\
 Data File : VD0607CC.D
 Acq On : 23 Jan 2019 15:41
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 24 05:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 05:41:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.80	168	697398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.98	114	920451	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	732328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	386436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	48656	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
35) Dibromofluoromethane	6.68	113	44164	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.18	98	111924	5.81	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	11.62%	
62) 4-Bromofluorobenzene	13.35	95	49349	5.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.59	85	44954	5.092 ug/l	96
3) Chloromethane	1.77	50	28468	6.156 ug/l #	84
4) Vinyl Chloride	1.86	62	25650	4.898 ug/l #	88
5) Bromomethane	2.16	94	7529	4.913 ug/l	90
6) Chloroethane	2.25	64	9659	5.147 ug/l	96
7) Trichlorofluoromethane	2.50	101	55750	5.542 ug/l	84
8) Diethyl Ether	2.82	74	7442	6.256 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.07	101	24250	4.869 ug/l	94
10) Methyl Iodide	3.22	142	24567	4.582 ug/l #	88
11) Tert butyl alcohol	3.93	59	13795	26.002 ug/l #	86
12) 1,1-Dichloroethene	3.05	96	19586	5.645 ug/l	89
13) Acrolein	2.97	56	6355	32.073 ug/l	96
14) Allyl chloride	3.50	41	39109	5.299 ug/l	93
15) Acrylonitrile	4.05	53	33937	27.491 ug/l	97
16) Acetone	3.13	43	38945	30.563 ug/l	94
17) Carbon Disulfide	3.30	76	65375	5.711 ug/l	95
18) Methyl Acetate	3.52	43	23120	8.621 ug/l #	75
19) Methyl tert-butyl Ether	4.09	73	89585	5.450 ug/l #	91
20) Methylene Chloride	3.69	84	49728	7.385 ug/l	92
21) trans-1,2-Dichloroethene	4.07	96	36421	5.504 ug/l	92
22) Diisopropyl ether	4.90	45	122435	5.403 ug/l	93
23) Vinyl Acetate	4.83	43	313127	24.148 ug/l	98
24) 1,1-Dichloroethane	4.77	63	73983	5.405 ug/l	97
25) 2-Butanone	5.85	43	50641	25.339 ug/l	94
26) 2,2-Dichloropropane	5.79	77	74767	5.512 ug/l	93
27) cis-1,2-Dichloroethene	5.81	96	41358	6.049 ug/l	96
28) Bromochloromethane	6.21	49	25731	4.632 ug/l #	84
29) Tetrahydrofuran	6.23	42	24449	25.394 ug/l	97
30) Chloroform	6.43	83	83728	5.234 ug/l	98
31) Cyclohexane	6.72	56	58506	5.803 ug/l	96
32) 1,1,1-Trichloroethane	6.63	97	80531	5.349 ug/l	96
36) 1,1-Dichloropropene	6.91	75	66476	6.277 ug/l	97
37) Ethyl Acetate	5.95	43	28775	6.537 ug/l #	91
38) Carbon Tetrachloride	6.87	117	73113	5.601 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012319\
 Data File : VD0607CC.D
 Acq On : 23 Jan 2019 15:41
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 24 05:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 05:41:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.62	83	60169	6.372	ug/l	93
40) Benzene	7.22	78	135302	6.265	ug/l	99
41) Methacrylonitrile	6.23	41	30843	9.382	ug/l #	74
42) 1,2-Dichloroethane	7.34	62	58439	4.988	ug/l	95
43) Isopropyl Acetate	9.01	43	38093	5.634	ug/l	94
44) Trichloroethene	8.31	130	40518	5.289	ug/l	79
45) 1,2-Dichloropropane	8.70	63	32976	5.885	ug/l	97
46) Dibromomethane	8.83	93	23841	5.201	ug/l	98
47) Bromodichloromethane	9.14	83	58823	5.209	ug/l	91
48) Methyl methacrylate	8.89	41	25431	5.574	ug/l	93
49) 1,4-Dioxane	8.86	88	3854	100.072	ug/l #	67
51) 4-Methyl-2-Pentanone	10.08	43	122211	27.480	ug/l	99
52) Toluene	10.29	92	81623	6.040	ug/l	96
53) t-1,3-Dichloropropene	10.69	75	58332	5.279	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	55790	5.315	ug/l	97
55) 1,1,2-Trichloroethane	10.98	97	27436	5.722	ug/l	93
56) Ethyl methacrylate	10.82	69	30425	5.468	ug/l	97
57) 1,3-Dichloropropane	11.19	76	43527	5.182	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.63	63	84619	26.917	ug/l	93
59) 2-Hexanone	11.32	43	88140	26.860	ug/l	97
60) Dibromochloromethane	11.47	129	40666	5.350	ug/l	99
61) 1,2-Dibromoethane	11.59	107	29034	5.339	ug/l	89
64) Tetrachloroethene	11.04	164	41976	6.544	ug/l	97
65) Chlorobenzene	12.19	112	90358	6.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.31	131	41873	6.409	ug/l	98
67) Ethyl Benzene	12.31	91	182081	6.657	ug/l	99
68) m/p-Xylenes	12.46	106	118942	13.268	ug/l	99
69) o-Xylene	12.85	106	55640	6.608	ug/l	96
70) Styrene	12.87	104	99194	6.690	ug/l	90
71) Bromoform	13.03	173	27114	5.622	ug/l	99
73) Isopropylbenzene	13.20	105	173541	6.115	ug/l	95
74) N-amyl acetate	13.06	43	53306	5.930	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.50	83	30718	5.826	ug/l	97
76) 1,2,3-Trichloropropane	13.54	75	33775	5.270	ug/l	97
77) Bromobenzene	13.47	156	41282	5.379	ug/l	94
78) n-propylbenzene	13.57	91	215368	6.056	ug/l	98
79) 2-Chlorotoluene	13.63	91	128200	6.214	ug/l	95
80) 1,3,5-Trimethylbenzene	14.04	105	145603	5.994	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.27	75	9899	5.593	ug/l	98
82) 4-Chlorotoluene	13.74	91	154431	6.464	ug/l	95
83) tert-Butylbenzene	13.99	119	156554	6.265	ug/l	92
84) 1,2,4-Trimethylbenzene	14.04	105	145603	5.994	ug/l	94
85) sec-Butylbenzene	14.17	105	157976	5.190	ug/l	99
86) p-Isopropyltoluene	14.29	119	163652	6.535	ug/l	96
87) 1,3-Dichlorobenzene	14.25	146	81920	6.422	ug/l	97
88) 1,4-Dichlorobenzene	14.34	146	79030	6.053	ug/l	94
89) n-Butylbenzene	14.60	91	160172	6.803	ug/l	99
90) Hexachloroethane	14.81	117	38640	5.251	ug/l	94
91) 1,2-Dichlorobenzene	14.61	146	70705	6.705	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.18	75	6249	4.846	ug/l	92

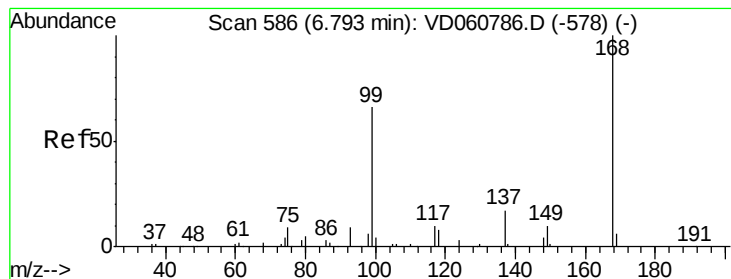
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD012319\
Data File : VD0607CC.D
Acq On : 23 Jan 2019 15:41
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 24 05:47:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012319S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 05:41:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	62402	6.507	ug/l	95
94) Hexachlorobutadiene	15.84	225	43373	5.986	ug/l	97
95) Naphthalene	15.93	128	88756	6.072	ug/l	97
96) 1,2,3-Trichlorobenzene	16.08	180	48406	5.898	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

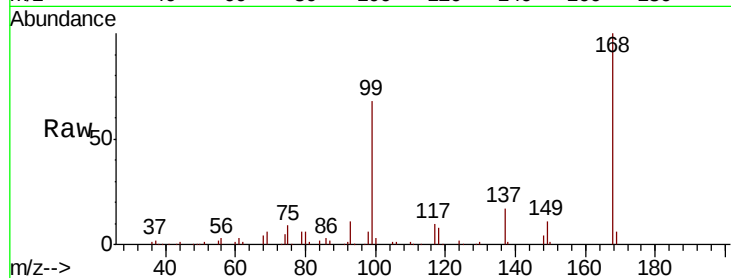
ClientSampled :

Tgt Ion:168 Resp: 697398

Ion Ratio Lower Upper

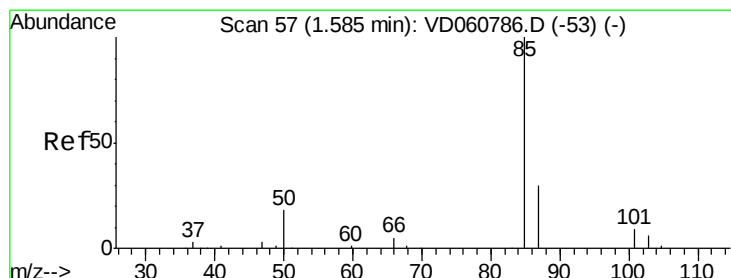
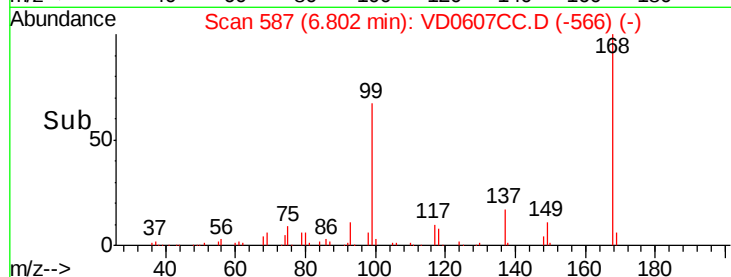
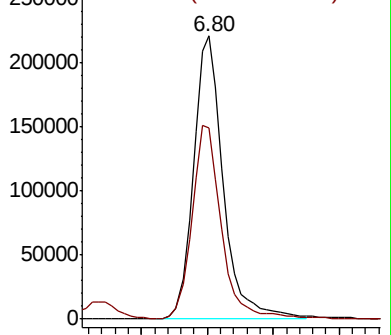
168 100

99 67.7 54.6 81.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 5.092 ug/l

RT: 1.59 min Scan# 58

Delta R.T. 0.01 min

Lab File: VD0607CC.D

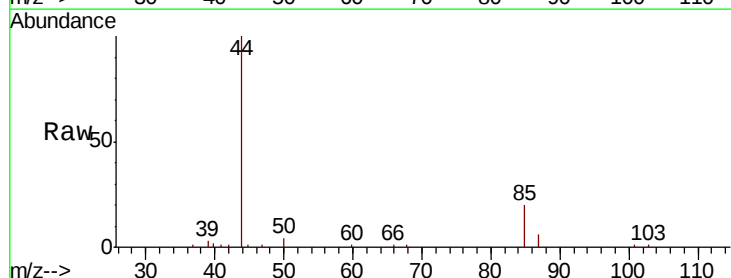
Acq: 23 Jan 2019 15:41

Tgt Ion: 85 Resp: 44954

Ion Ratio Lower Upper

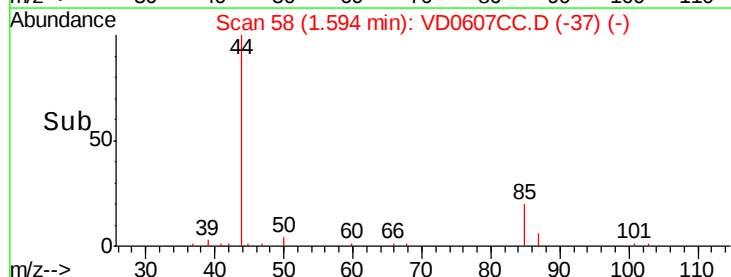
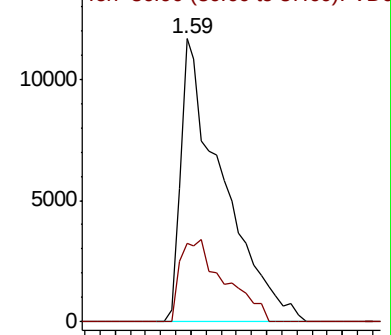
85 100

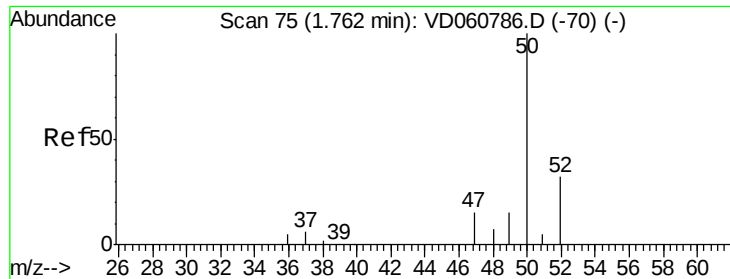
87 27.6 14.9 44.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

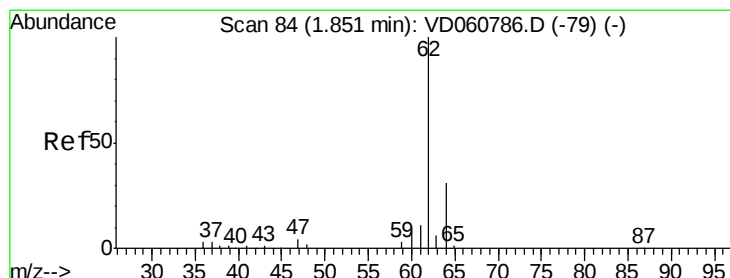
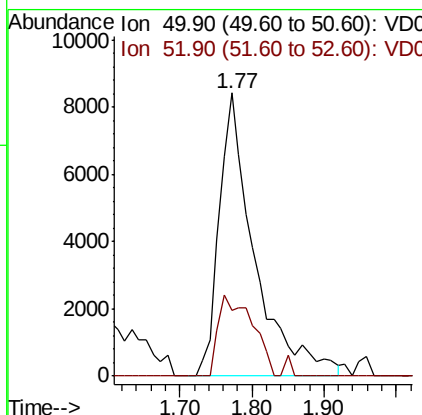
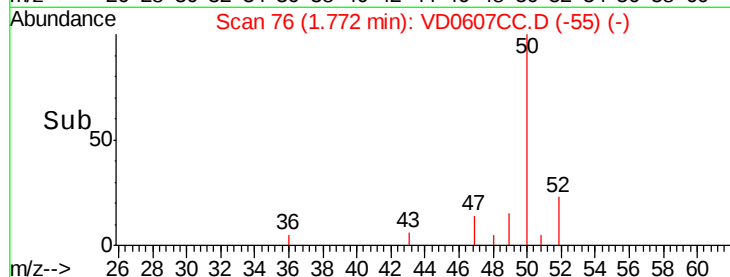
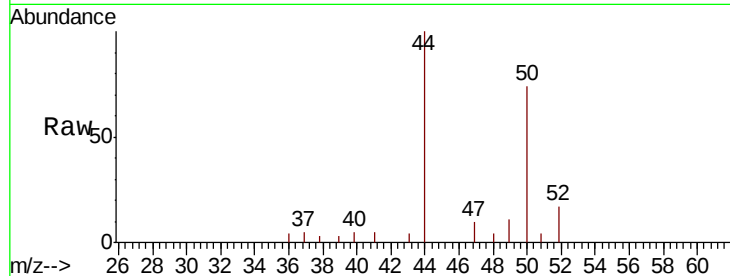




#3
 Chloromethane
 Concen: 6.156 ug/l
 RT: 1.77 min Scan# 76
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

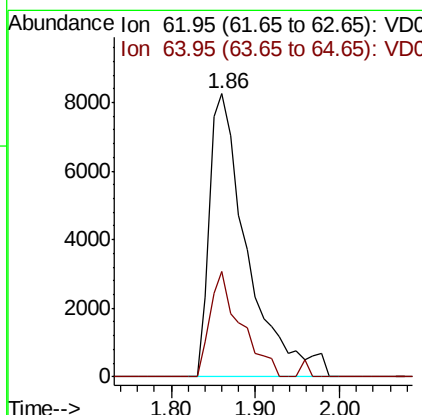
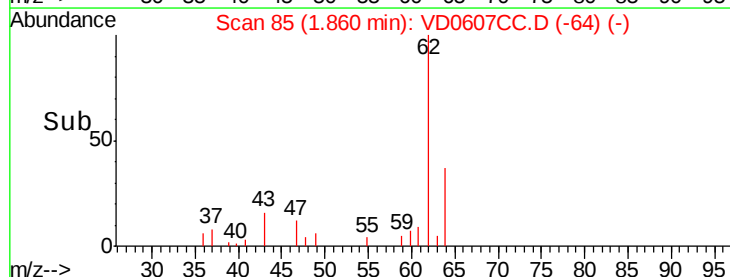
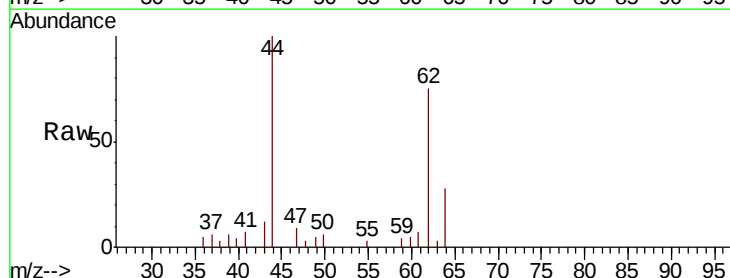
Instrument :
 MSVOA_D
 ClientSampleId :

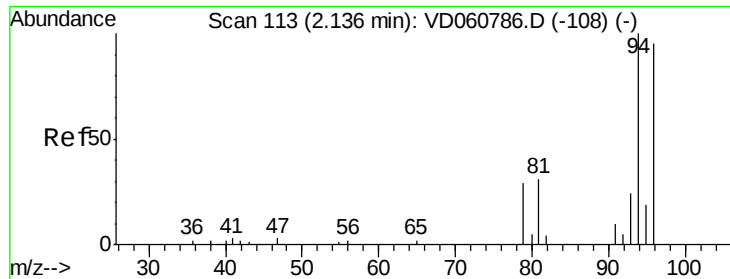
Tgt Ion: 50 Resp: 28468
 Ion Ratio Lower Upper
 50 100
 52 23.1 25.8 38.6#



#4
 Vinyl Chloride
 Concen: 4.898 ug/l
 RT: 1.86 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 62 Resp: 25650
 Ion Ratio Lower Upper
 62 100
 64 37.1 24.6 37.0#





#5

Bromomethane

Concen: 4.913 ug/l

RT: 2.16 min Scan# 115

Delta R.T. 0.02 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

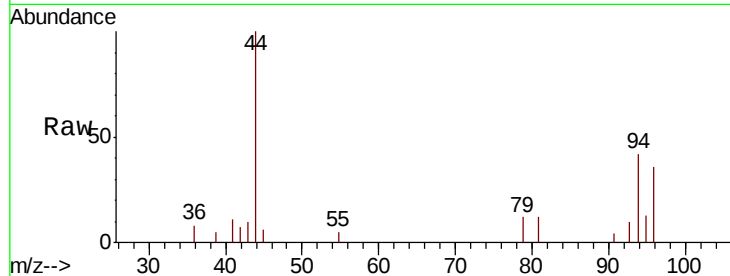
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 94 Resp: 7529

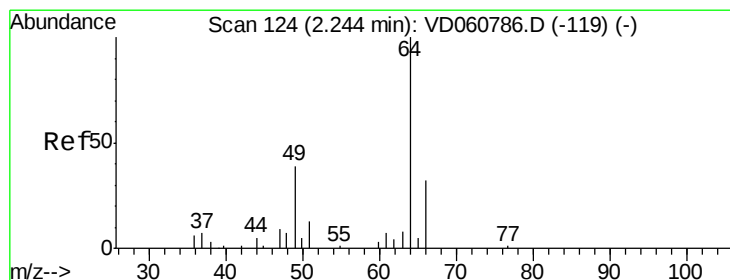
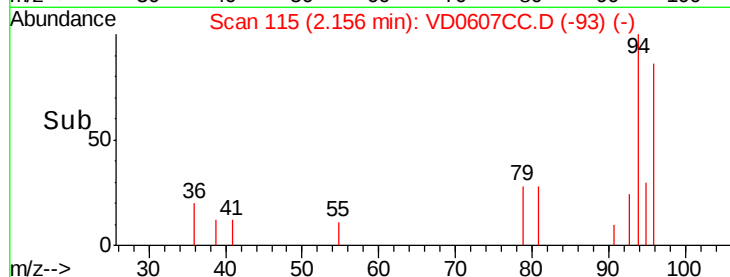
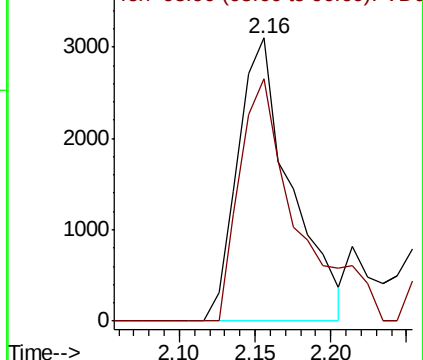
Ion Ratio Lower Upper

94 100

96 85.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.147 ug/l

RT: 2.25 min Scan# 125

Delta R.T. 0.01 min

Lab File: VD0607CC.D

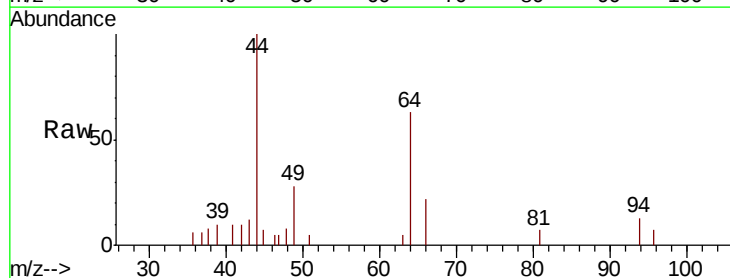
Acq: 23 Jan 2019 15:41

Tgt Ion: 64 Resp: 9659

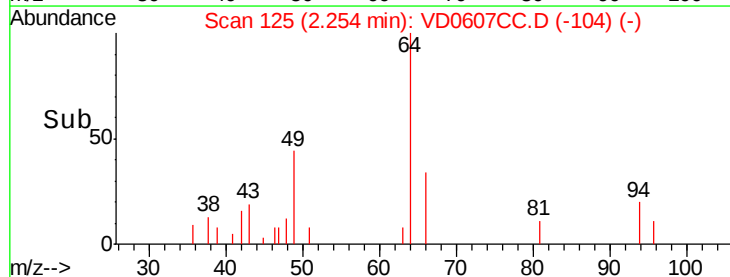
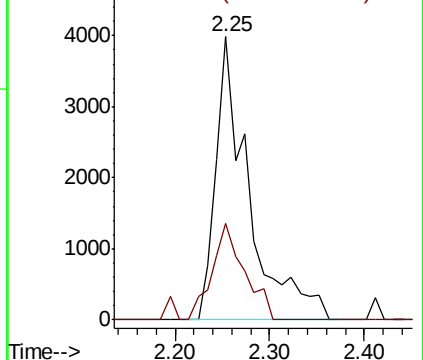
Ion Ratio Lower Upper

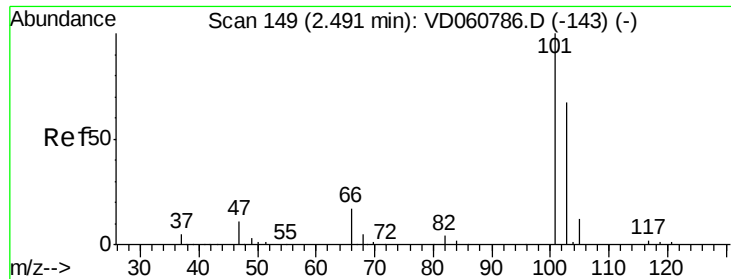
64 100

66 34.1 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



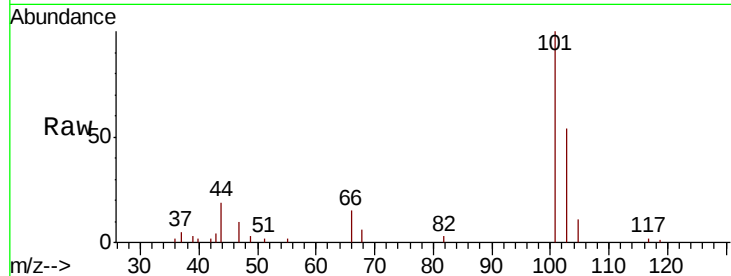


#7

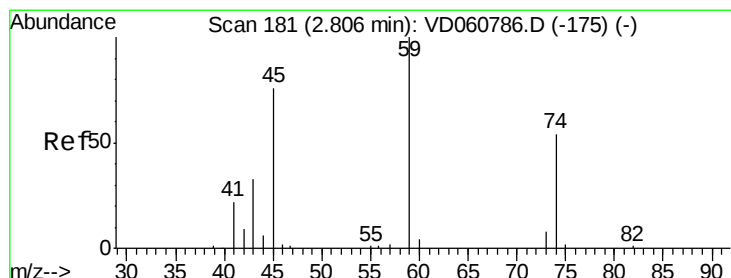
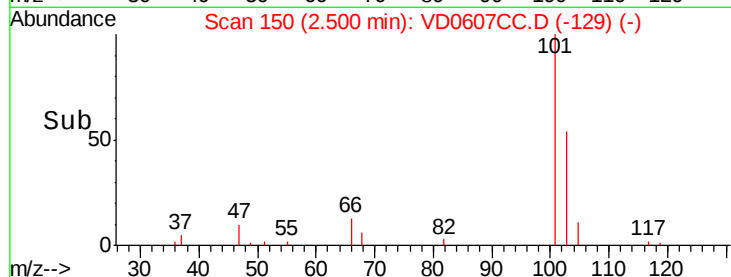
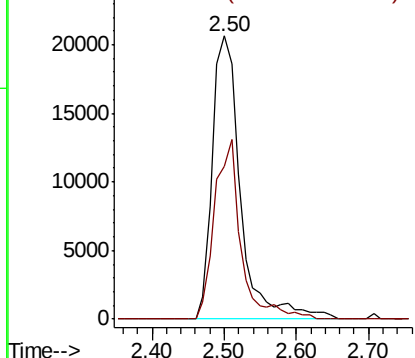
Trichlorofluoromethane
 Concen: 5.542 ug/l
 RT: 2.50 min Scan# 150
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 101 Resp: 55750
 Ion Ratio Lower Upper
 101 100
 103 53.8 53.6 80.4



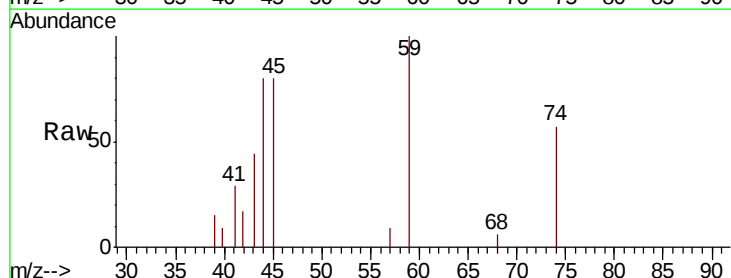
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



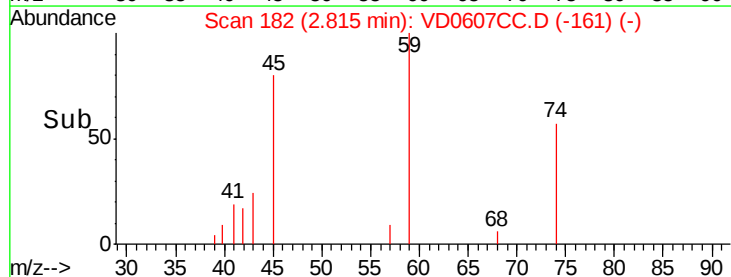
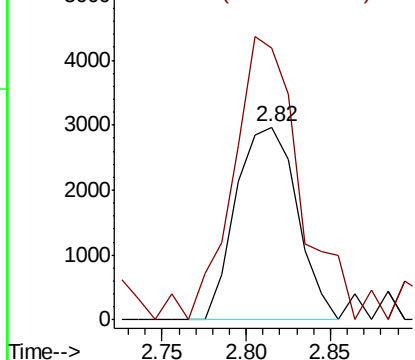
#8

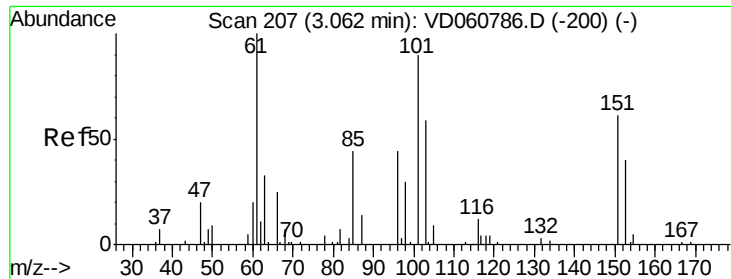
Diethyl Ether
 Concen: 6.256 ug/l
 RT: 2.82 min Scan# 182
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 74 Resp: 7442
 Ion Ratio Lower Upper
 74 100
 45 141.2 70.5 211.4



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: 4.869 ug/l

RT: 3.07 min Scan# 208

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

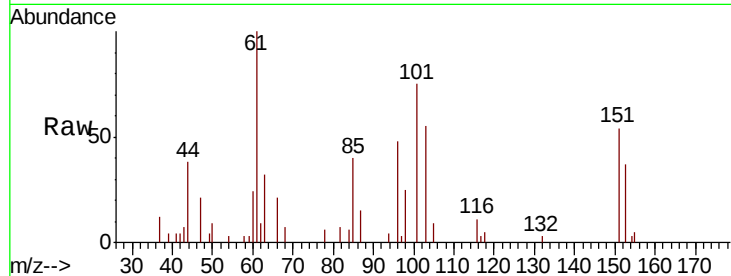
Tgt Ion:101 Resp: 24250

Ion Ratio Lower Upper

101 100

85 53.2 39.0 58.4

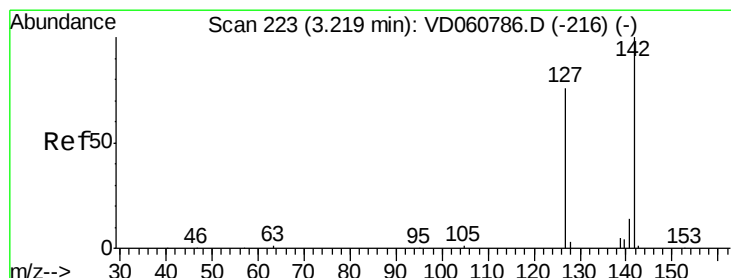
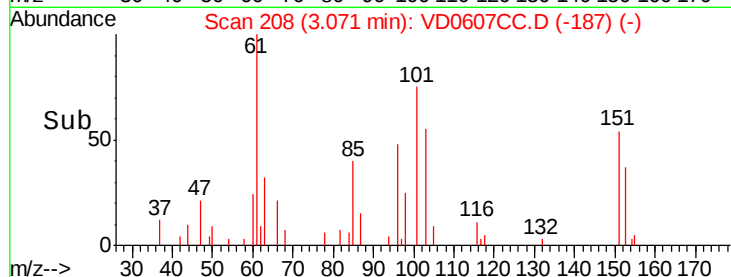
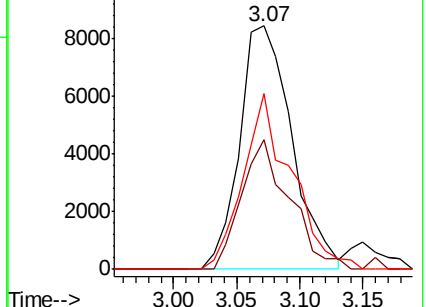
151 72.1 54.5 81.7



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: 4.582 ug/l

RT: 3.22 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

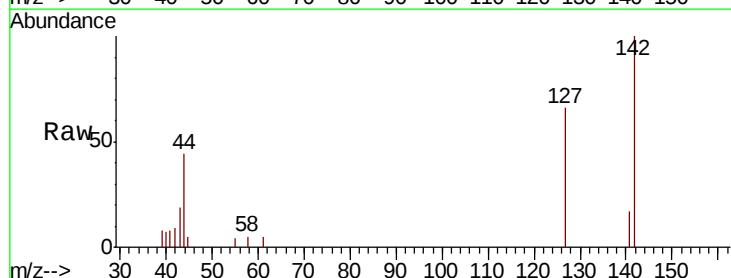
Tgt Ion:142 Resp: 24567

Ion Ratio Lower Upper

142 100

127 65.5 61.0 91.6

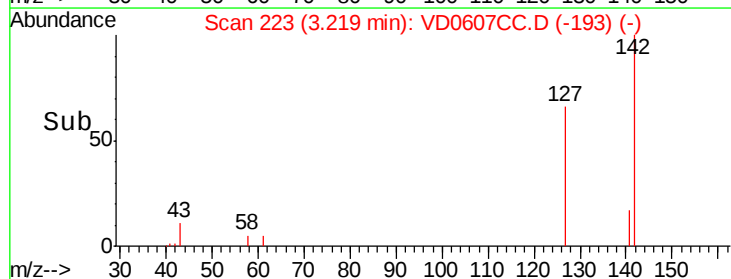
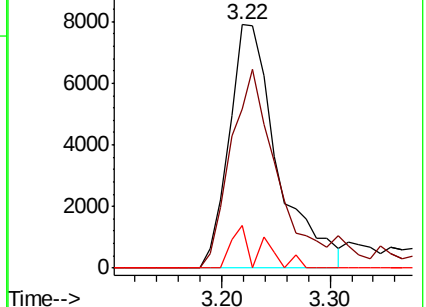
141 17.4 11.5 17.3#

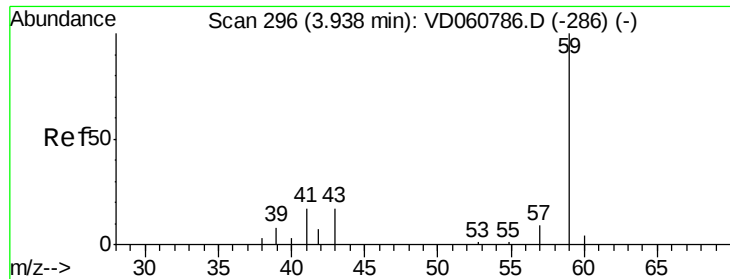


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

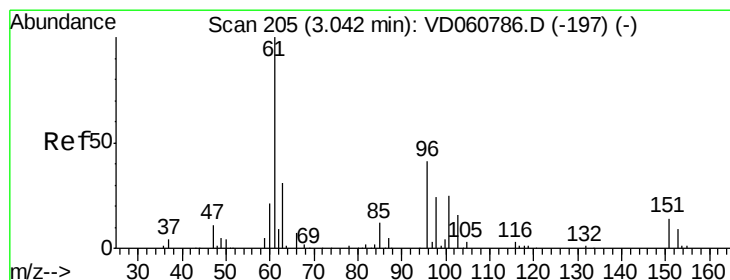
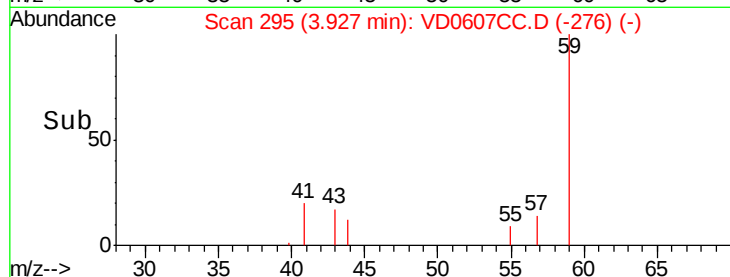
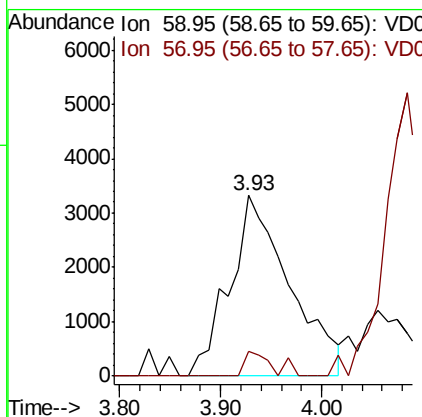
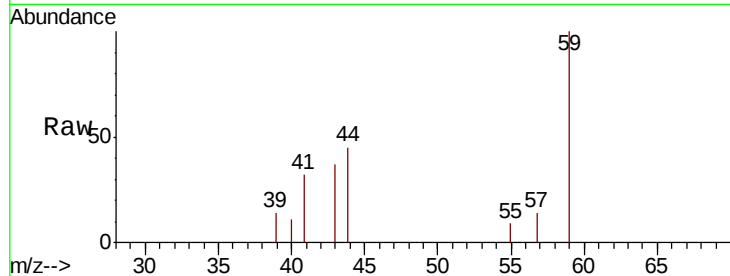




#11
Tert butyl alcohol
Concen: 26.002 ug/l
RT: 3.93 min Scan# 295
Delta R.T. -0.01 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

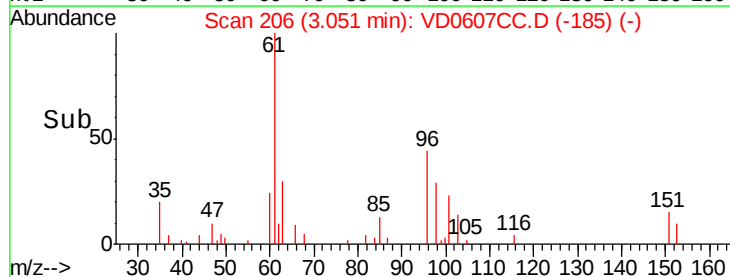
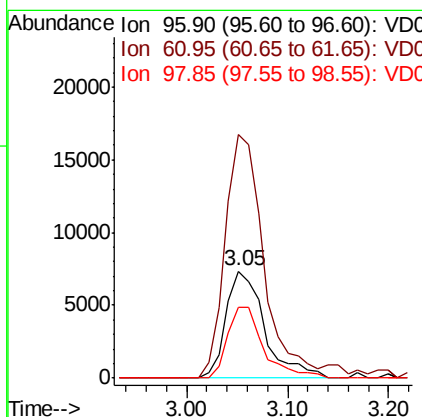
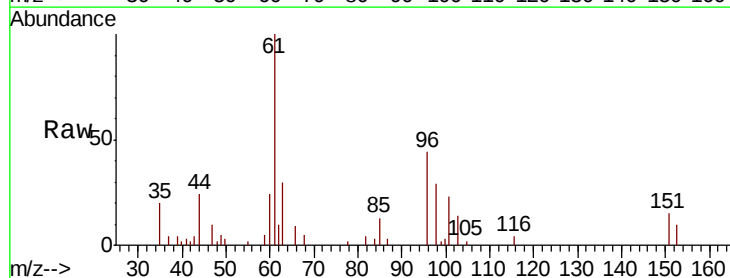
Instrument :
MSVOA_D
ClientSampled :

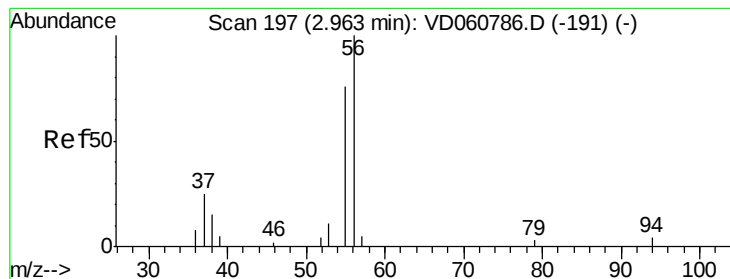
Tgt Ion: 59 Resp: 13795
Ion Ratio Lower Upper
59 100
57 13.7 7.0 10.6#



#12
1,1-Dichloroethene
Concen: 5.645 ug/l
RT: 3.05 min Scan# 206
Delta R.T. 0.01 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 96 Resp: 19586
Ion Ratio Lower Upper
96 100
61 227.8 196.9 295.3
98 65.9 46.6 69.8





#13

Acrolein

Concen: 32.073 ug/l

RT: 2.97 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

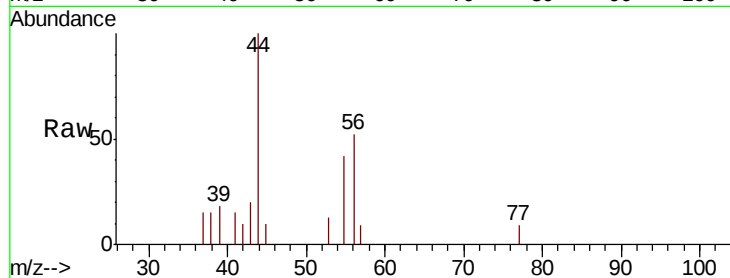
ClientSampleId :

Tgt Ion: 56 Resp: 6355

Ion Ratio Lower Upper

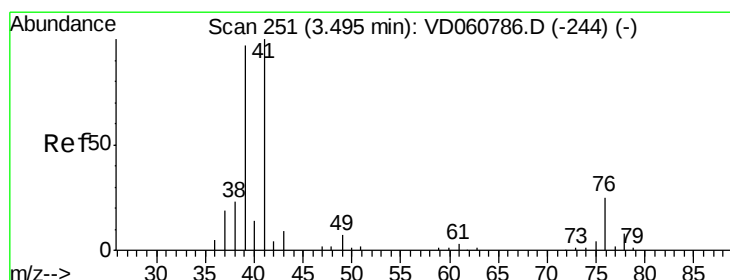
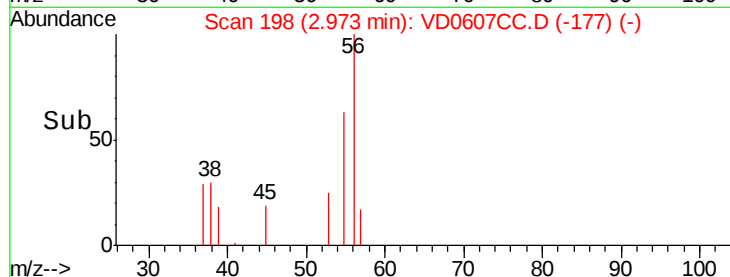
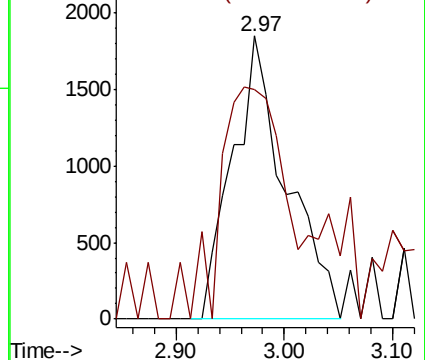
56 100

55 81.0 62.2 93.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 5.299 ug/l

RT: 3.50 min Scan# 252

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

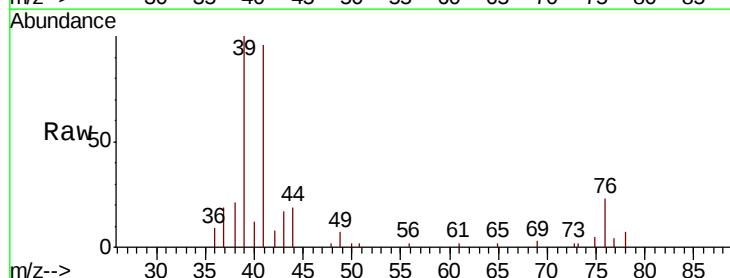
Tgt Ion: 41 Resp: 39109

Ion Ratio Lower Upper

41 100

39 104.0 77.7 116.5

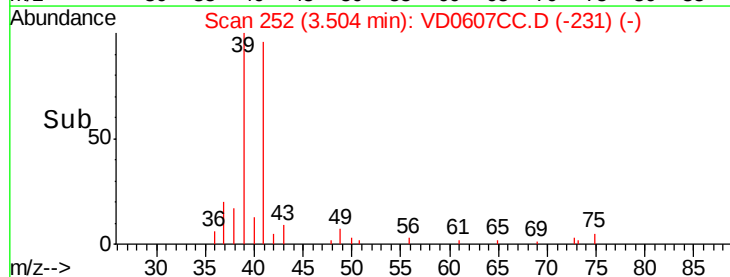
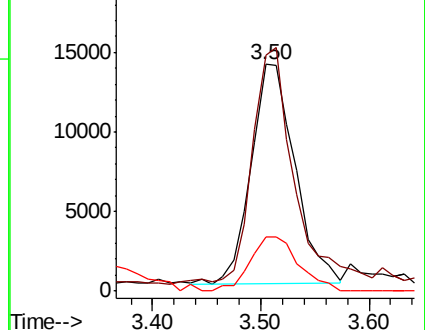
76 23.7 21.8 32.8

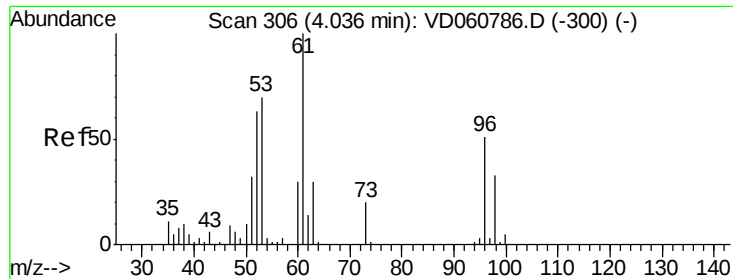


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 27.491 ug/l

RT: 4.05 min Scan# 307

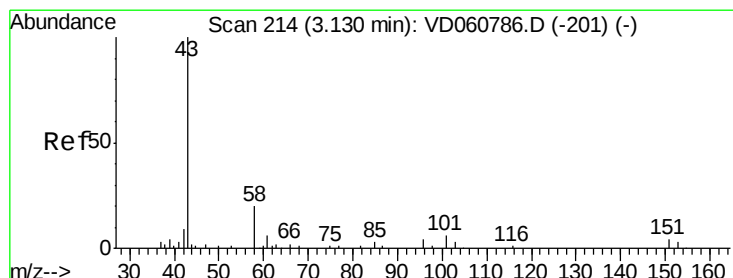
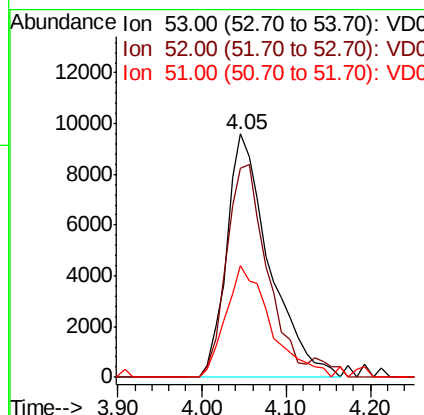
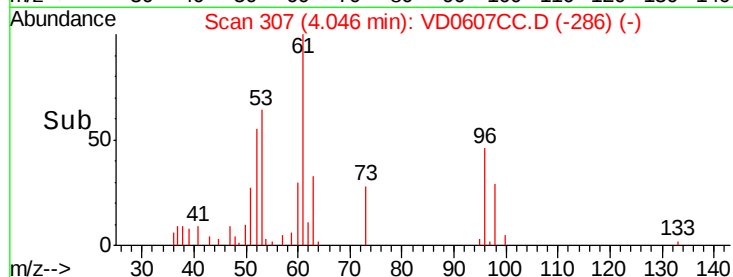
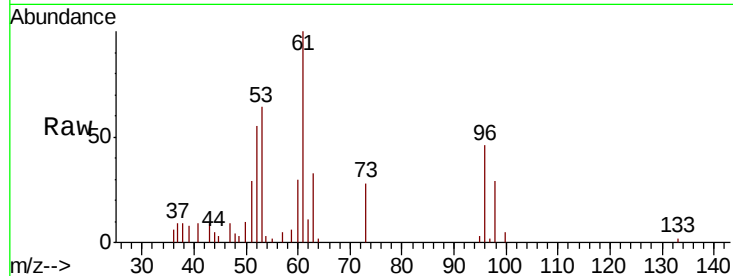
Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	53	Resp:	33937
Ion	Ratio	Lower	Upper
53	100		
52	85.8	71.6	107.4
51	45.9	36.0	54.0



#16

Acetone

Concen: 30.563 ug/l

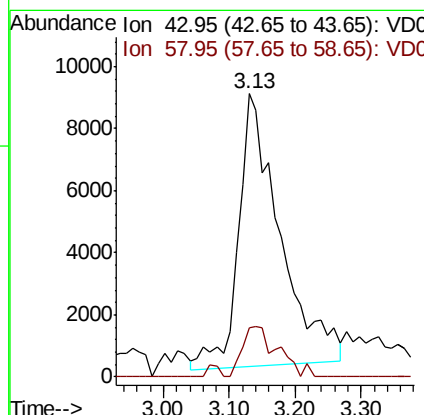
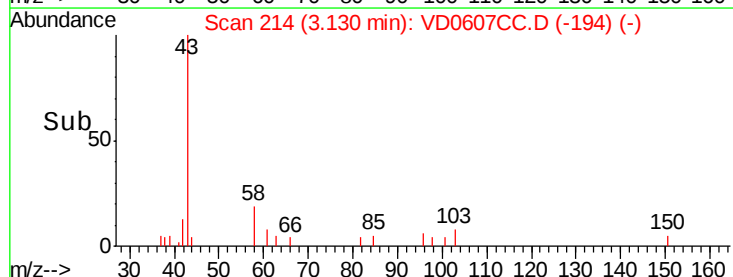
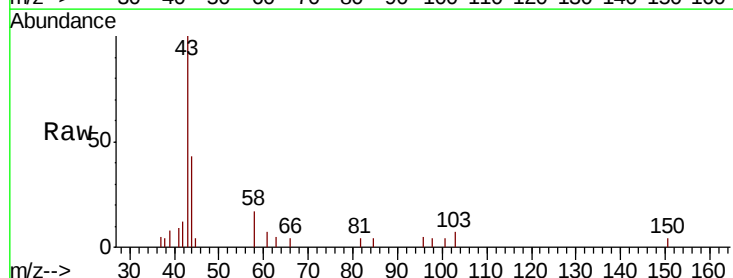
RT: 3.13 min Scan# 214

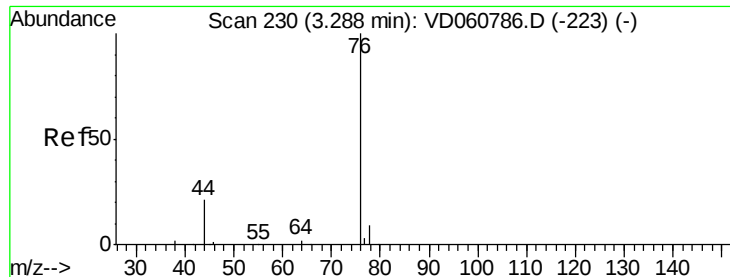
Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Tgt Ion:	43	Resp:	38945
Ion	Ratio	Lower	Upper
43	100		
58	17.3	16.0	24.0

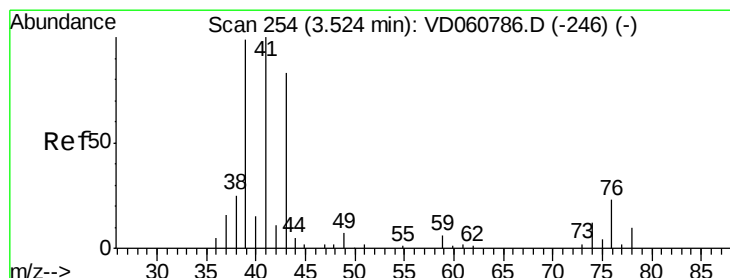
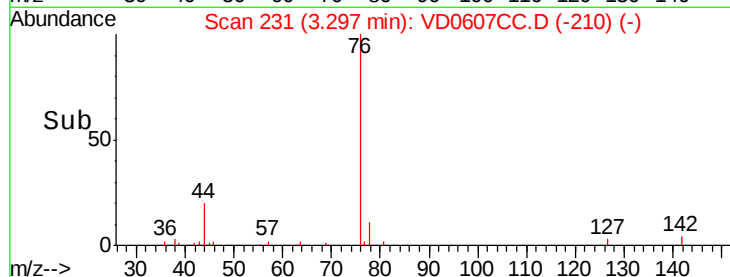
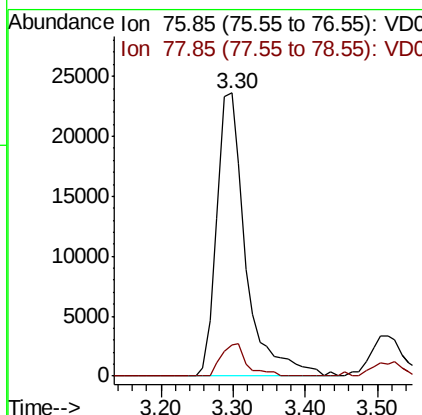
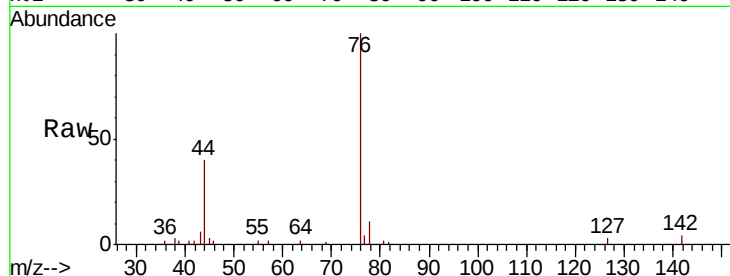




#17
Carbon Disulfide
Concen: 5.711 ug/l
RT: 3.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

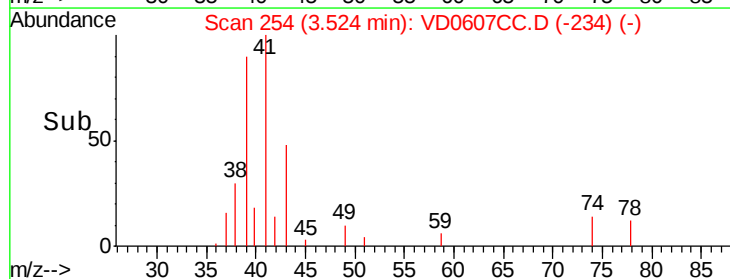
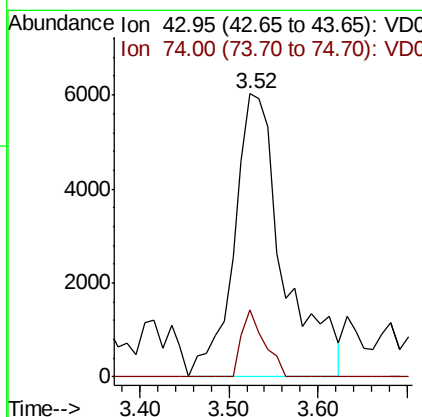
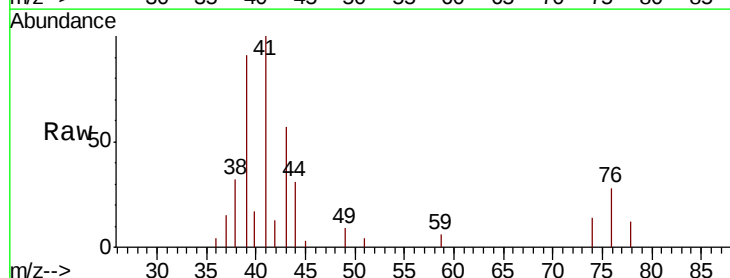
Instrument :
MSVOA_D
ClientSampleId :

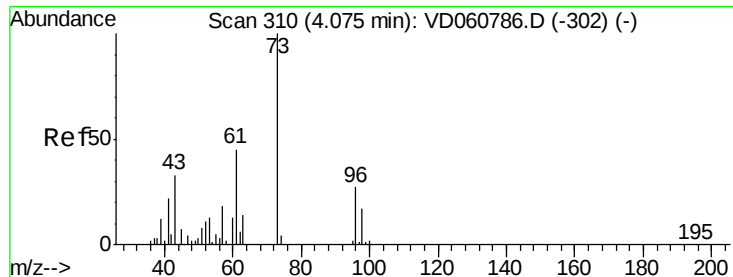
Tgt Ion: 76 Resp: 65375
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#18
Methyl Acetate
Concen: 8.621 ug/l
RT: 3.52 min Scan# 254
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 43 Resp: 23120
Ion Ratio Lower Upper
43 100
74 23.6 10.8 16.2#



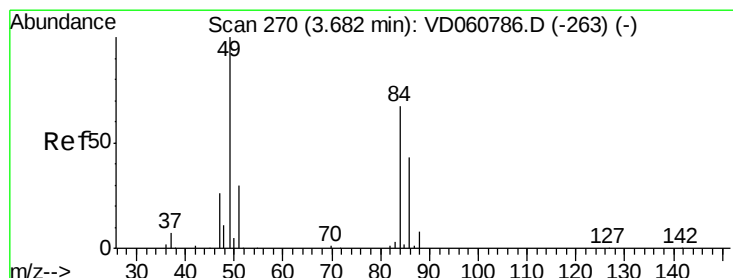
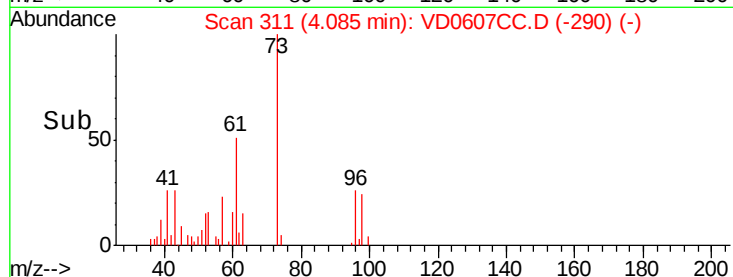
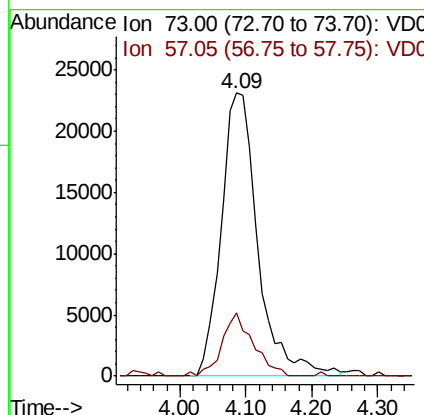
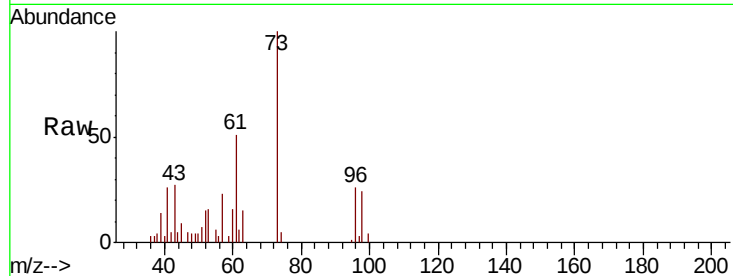


#19

Methyl tert-butyl Ether
 Concen: 5.450 ug/l
 RT: 4.09 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

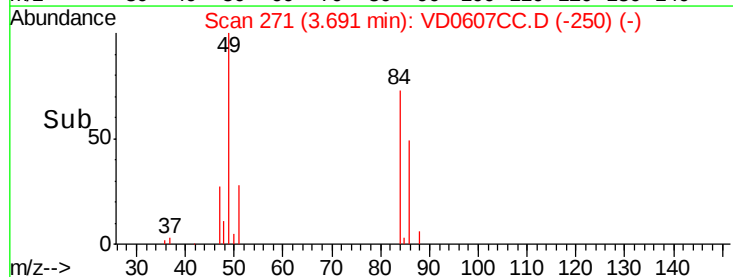
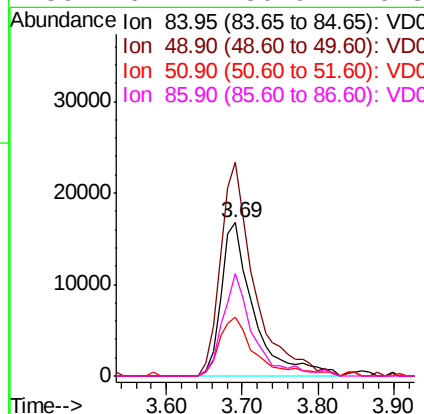
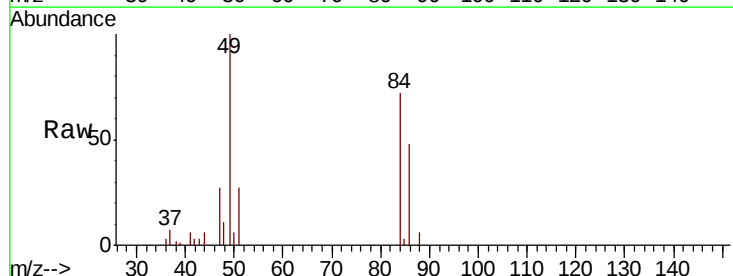
Tgt Ion: 73 Resp: 89585
 Ion Ratio Lower Upper
 73 100
 57 22.5 14.7 22.1#

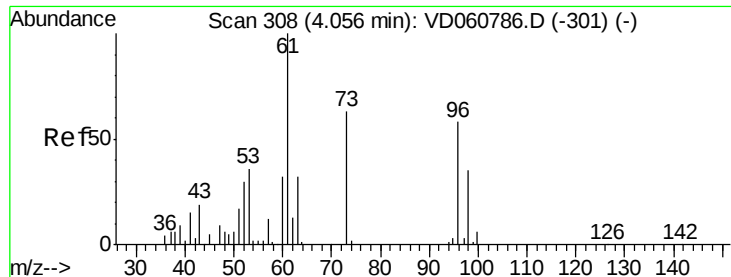


#20

Methylene Chloride
 Concen: 7.385 ug/l
 RT: 3.69 min Scan# 271
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 84 Resp: 49728
 Ion Ratio Lower Upper
 84 100
 49 139.4 119.6 179.4
 51 38.3 36.2 54.4
 86 67.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 5.504 ug/l

RT: 4.07 min Scan# 309

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

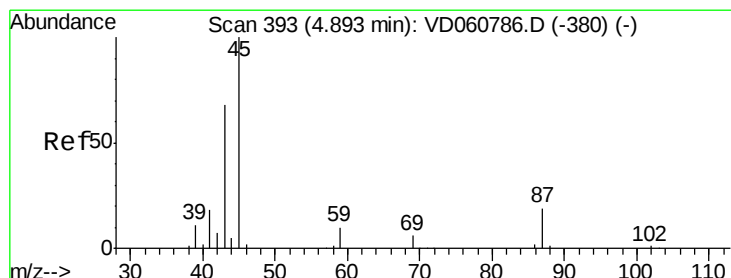
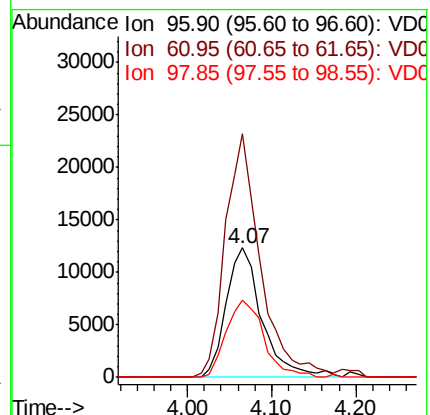
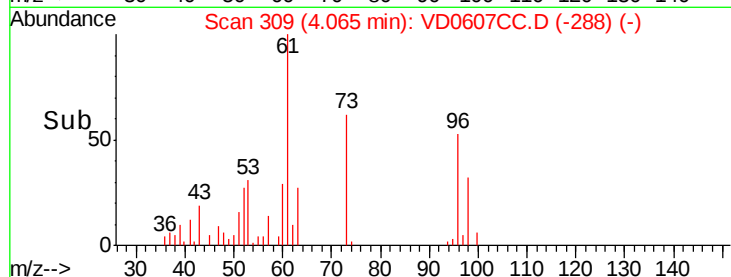
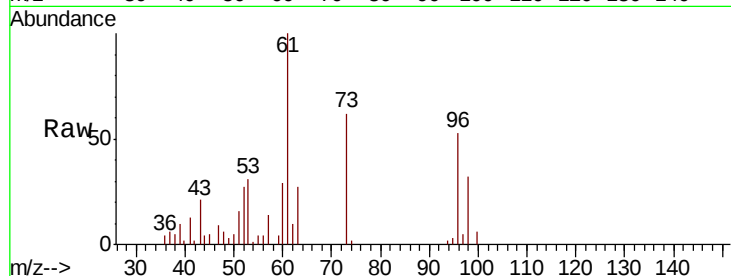
Tgt Ion: 96 Resp: 36421

Ion Ratio Lower Upper

96 100

61 187.9 138.8 208.2

98 59.7 48.7 73.1



#22

Diisopropyl ether

Concen: 5.403 ug/l

RT: 4.90 min Scan# 394

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Tgt Ion: 45 Resp: 122435

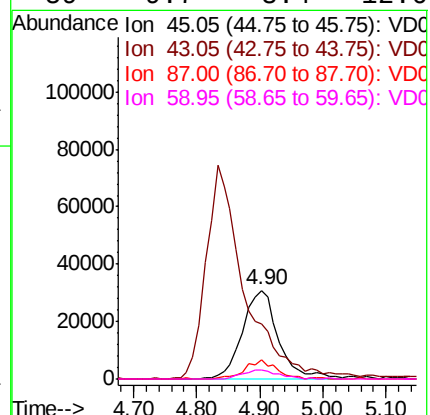
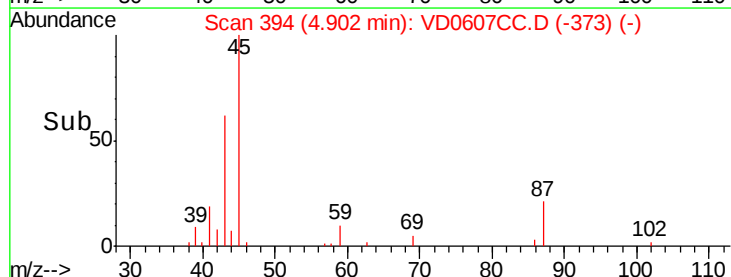
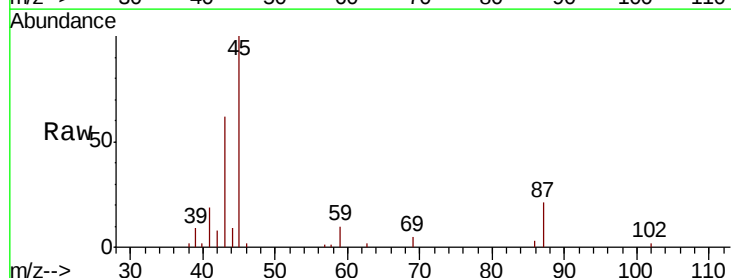
Ion Ratio Lower Upper

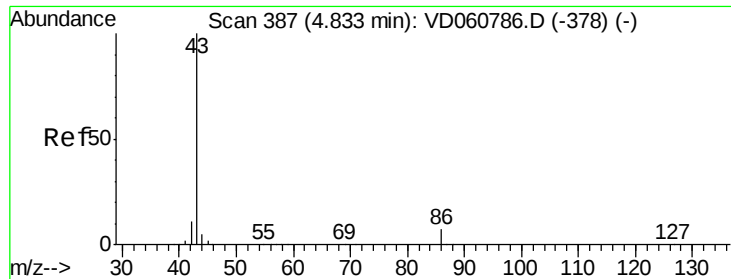
45 100

43 62.1 54.8 82.2

87 21.3 15.5 23.3

59 9.7 8.4 12.6





#23

Vinyl Acetate

Concen: 24.148 ug/l

RT: 4.83 min Scan# 387

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

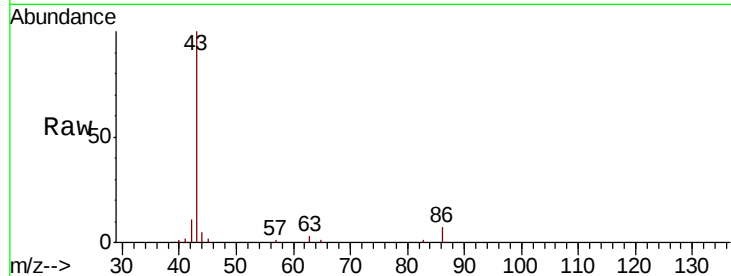
ClientSampleId :

Tgt Ion: 43 Resp: 313127

Ion Ratio Lower Upper

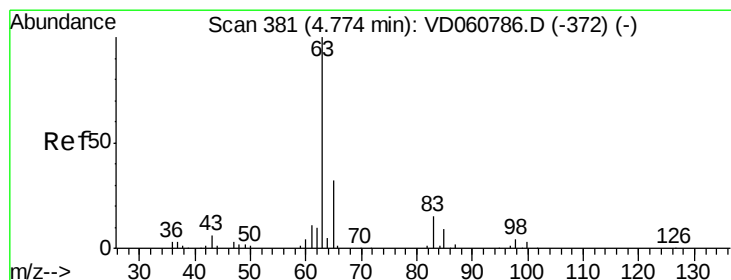
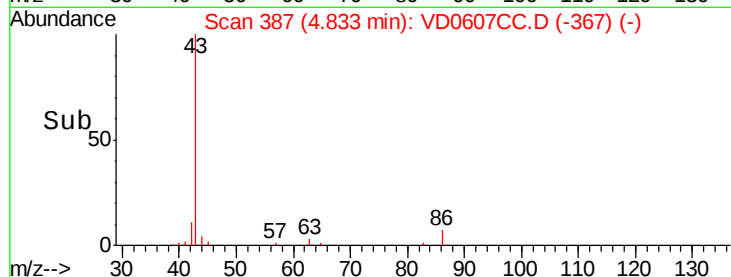
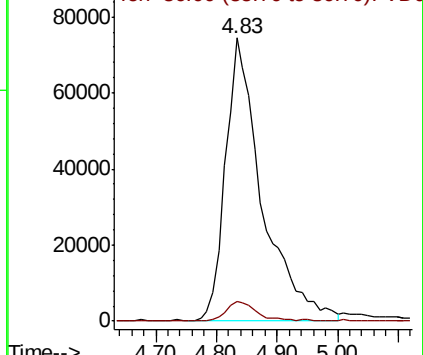
43 100

86 7.1 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.405 ug/l

RT: 4.77 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

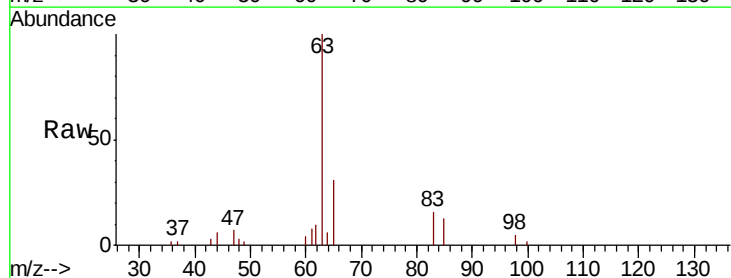
Tgt Ion: 63 Resp: 73983

Ion Ratio Lower Upper

63 100

98 5.1 1.9 5.7

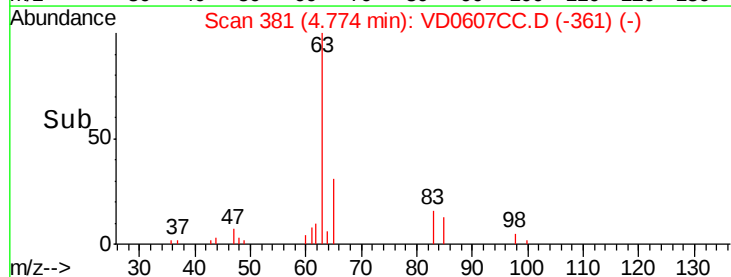
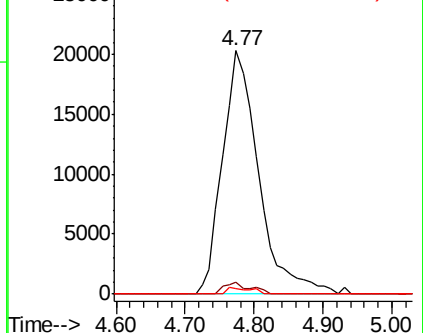
100 2.3 1.5 4.4

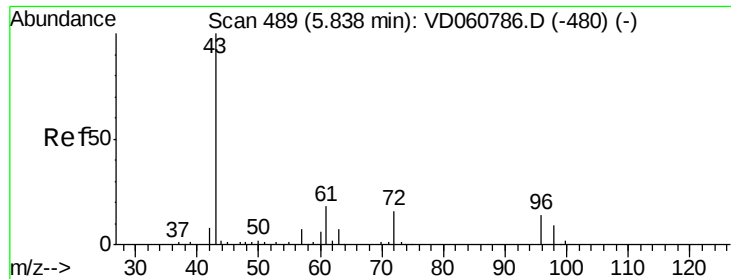


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 25.339 ug/l

RT: 5.85 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

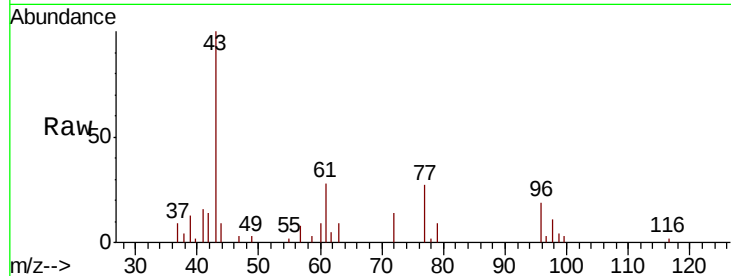
ClientSampled :

Tgt Ion: 43 Resp: 50641

Ion Ratio Lower Upper

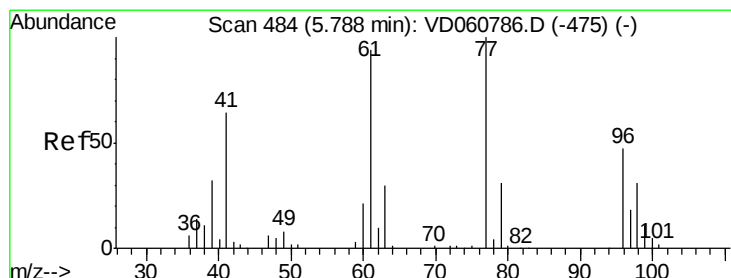
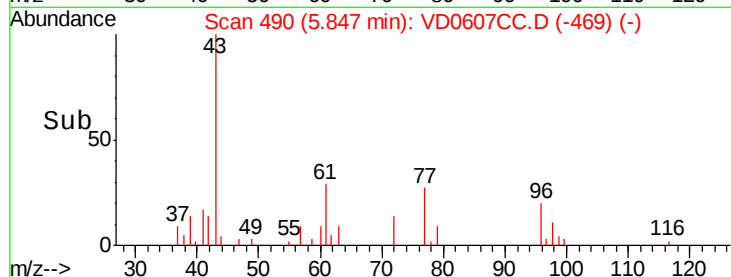
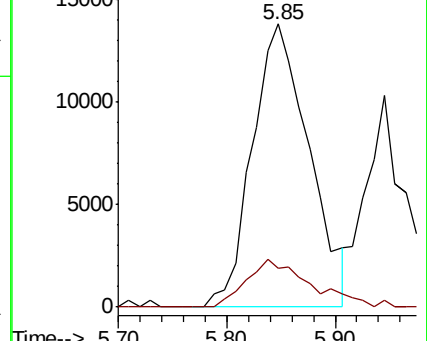
43 100

72 13.6 13.1 19.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.512 ug/l

RT: 5.79 min Scan# 484

Delta R.T. -0.00 min

Lab File: VD0607CC.D

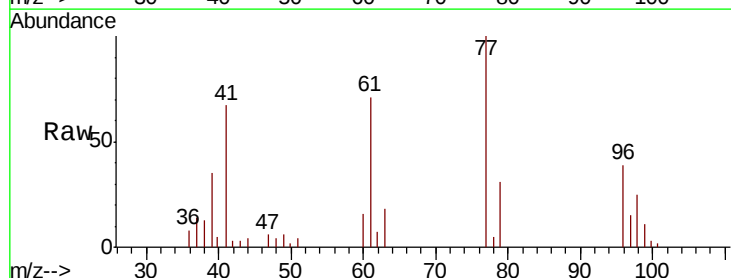
Acq: 23 Jan 2019 15:41

Tgt Ion: 77 Resp: 74767

Ion Ratio Lower Upper

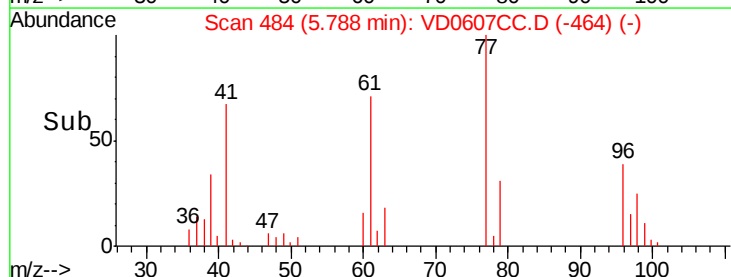
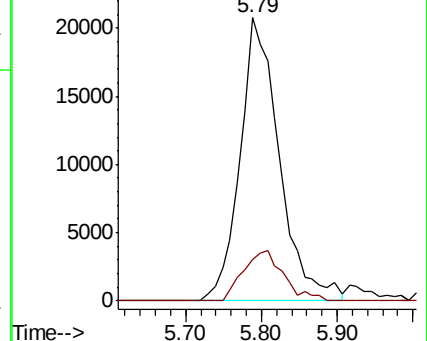
77 100

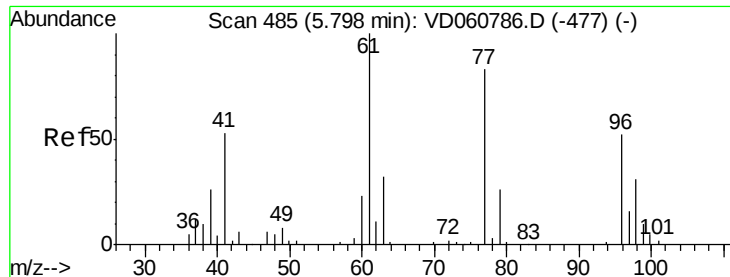
97 14.8 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

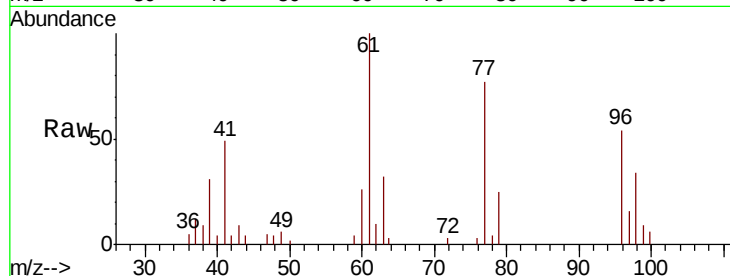




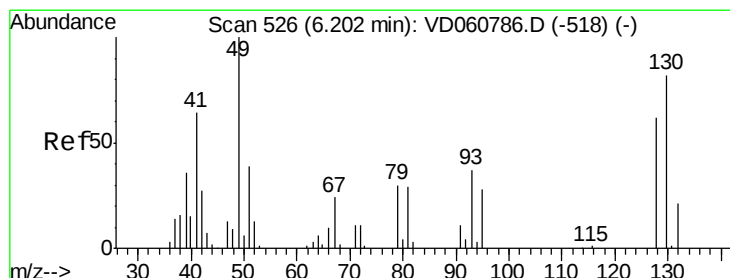
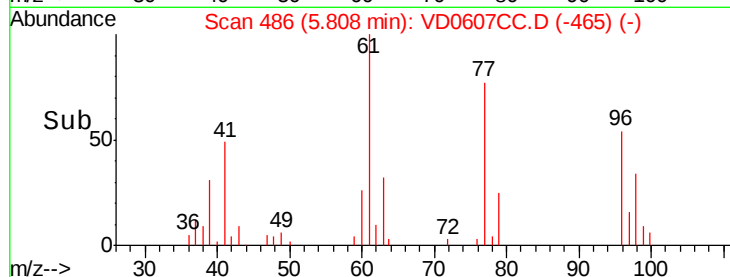
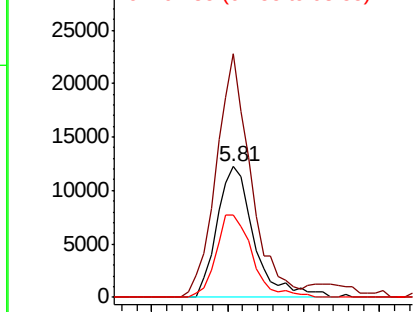
#27
 cis-1,2-Dichloroethene
 Concen: 6.049 ug/l
 RT: 5.81 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 41358
 Ion Ratio Lower Upper
 96 100
 61 186.1 0.0 385.2
 98 63.4 0.0 120.6

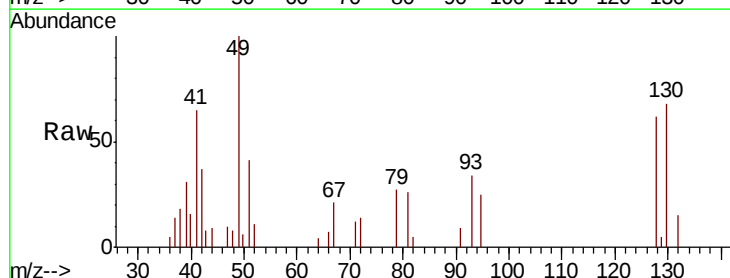


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC

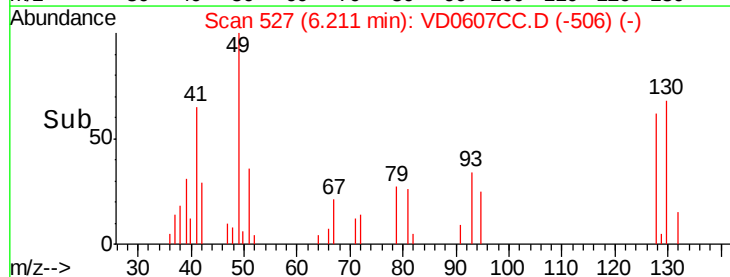
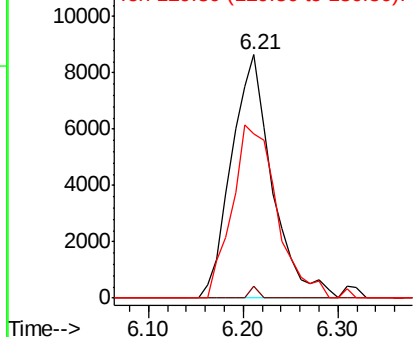


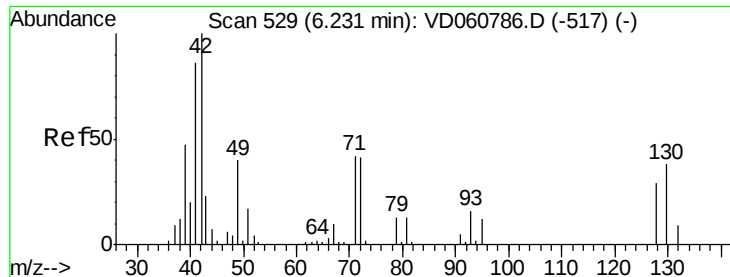
#28
 Bromochloromethane
 Concen: 4.632 ug/l
 RT: 6.21 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 49 Resp: 25731
 Ion Ratio Lower Upper
 49 100
 129 4.7 0.0 0.0#
 130 67.5 65.4 98.2



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

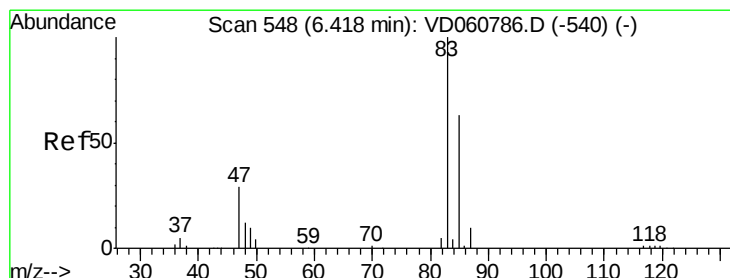
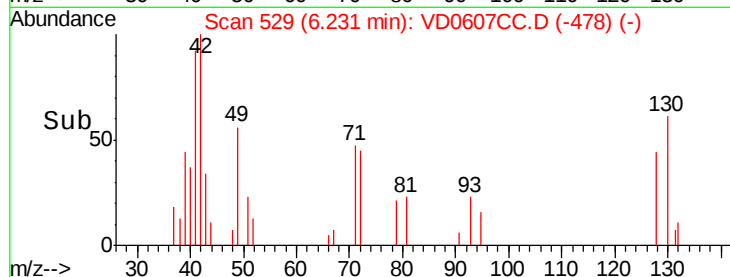
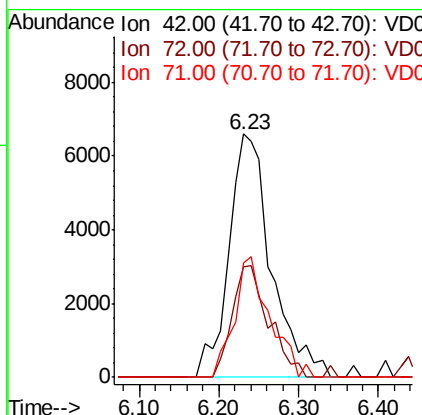
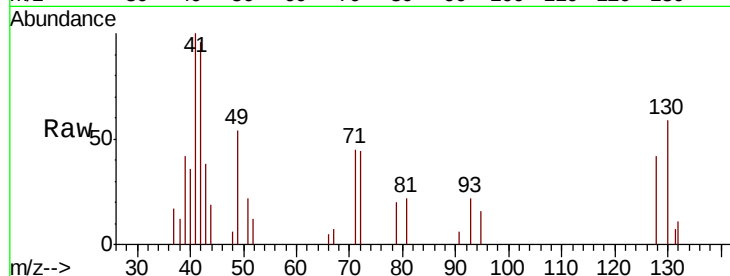




#29
Tetrahydrofuran
Concen: 25.394 ug/l
RT: 6.23 min Scan# 529
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

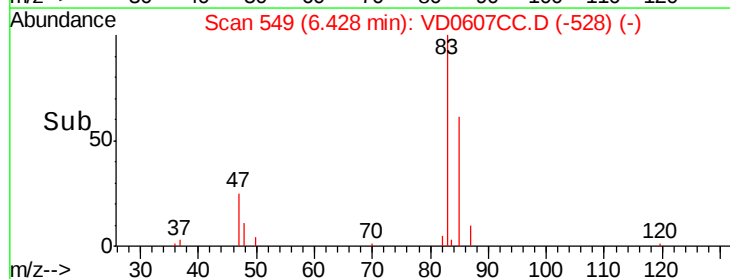
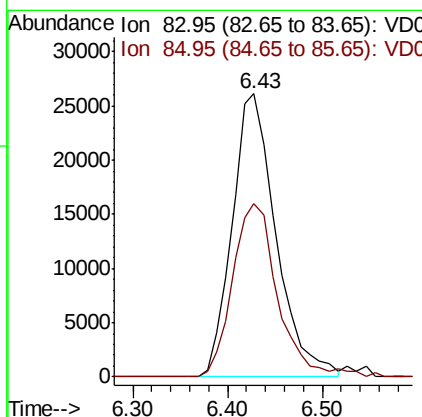
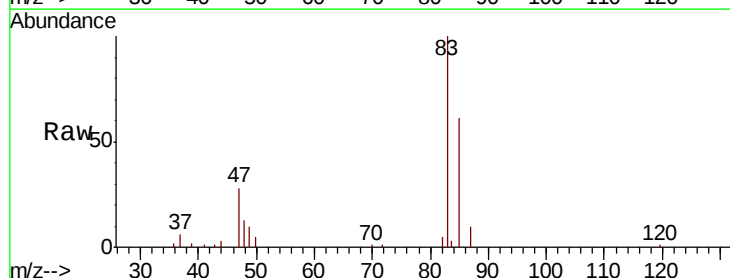
Instrument :
MSVOA_D
ClientSampleId :

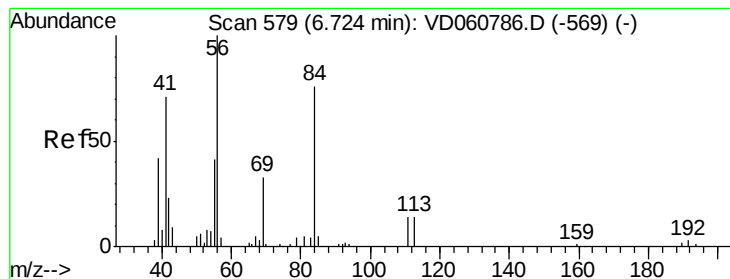
Tgt Ion: 42 Resp: 24449
Ion Ratio Lower Upper
42 100
72 39.6 33.6 50.4
71 41.2 34.6 51.8



#30
Chloroform
Concen: 5.234 ug/l
RT: 6.43 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 83 Resp: 83728
Ion Ratio Lower Upper
83 100
85 61.2 50.3 75.5





#31

Cyclohexane

Concen: 5.803 ug/l

RT: 6.72 min Scan# 579

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampled :

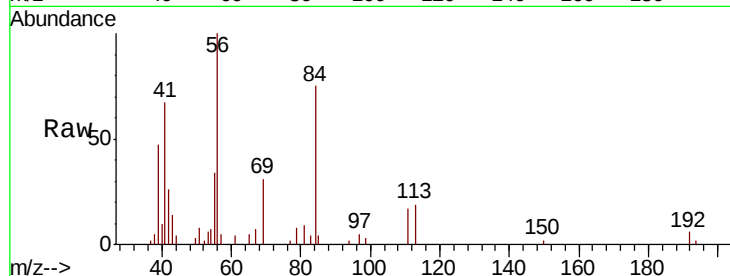
Tgt Ion: 56 Resp: 58506

Ion Ratio Lower Upper

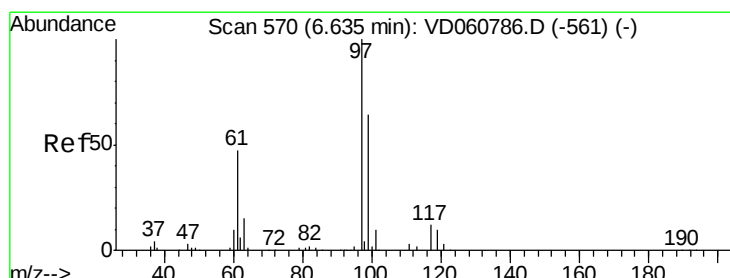
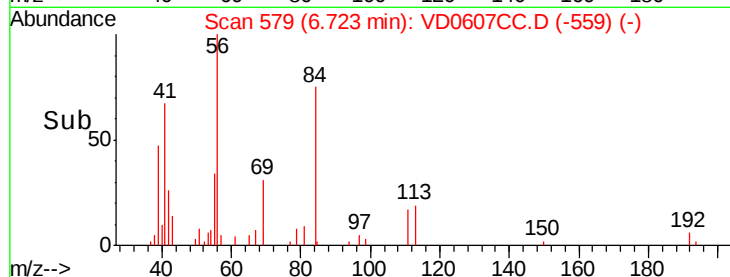
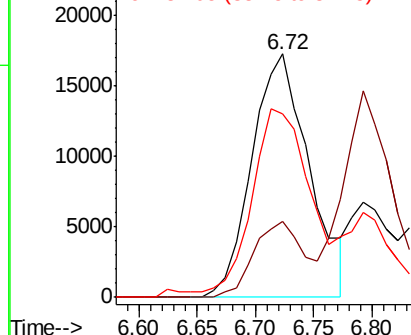
56 100

69 31.0 26.2 39.2

84 75.4 63.0 94.6



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: 5.349 ug/l

RT: 6.63 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

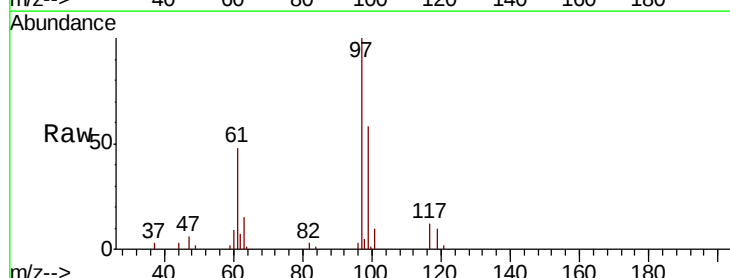
Tgt Ion: 97 Resp: 80531

Ion Ratio Lower Upper

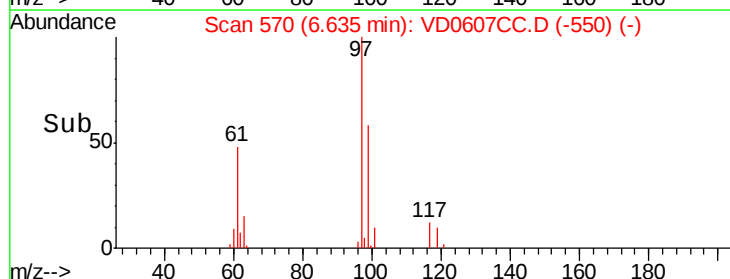
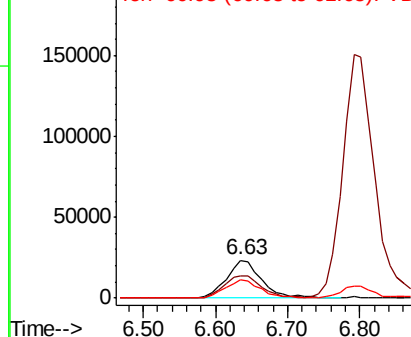
97 100

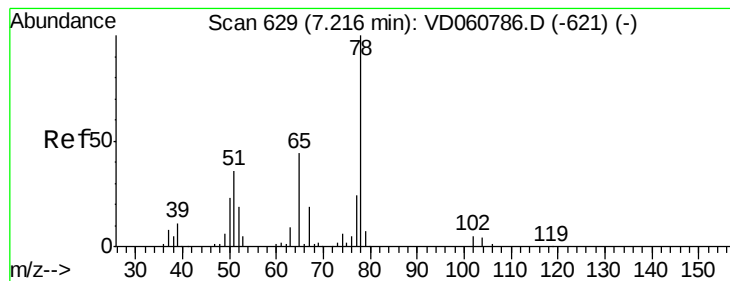
99 58.1 50.8 76.2

61 47.8 37.7 56.5



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: 5.349 ug/l

RT: 7.22 min Scan# 629

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

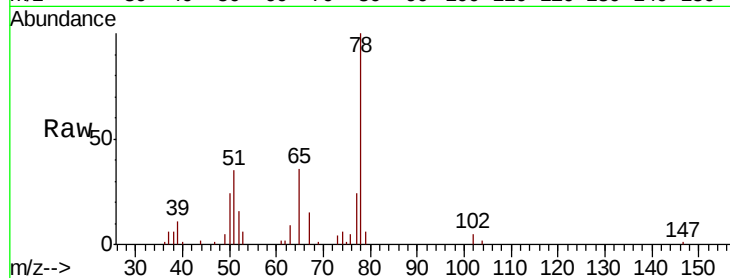
ClientSampleId :

Tgt Ion: 65 Resp: 48656

Ion Ratio Lower Upper

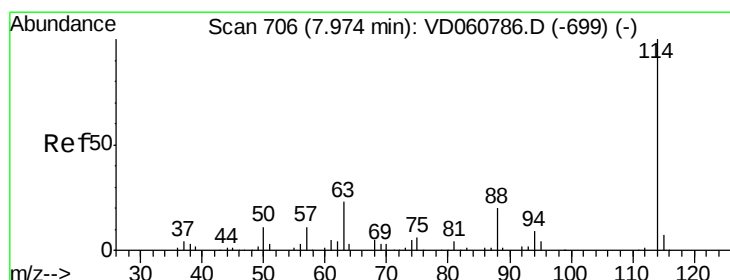
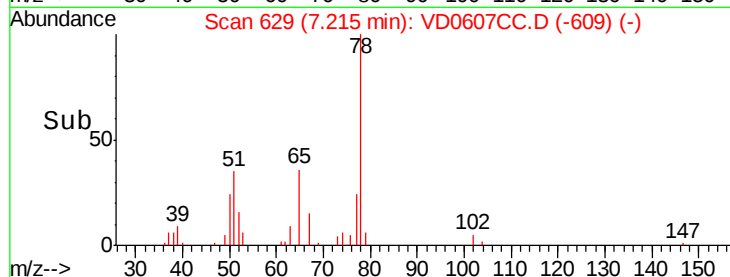
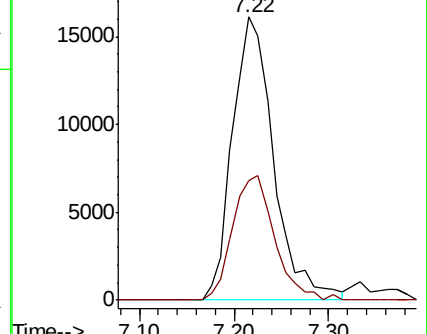
65 100

67 42.1 0.0 86.0



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: 7.98 min Scan# 707

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

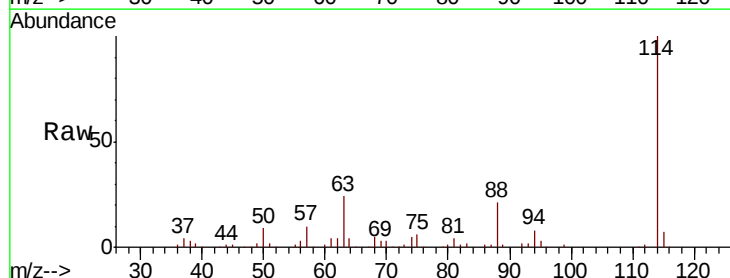
Tgt Ion: 114 Resp: 920451

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.4

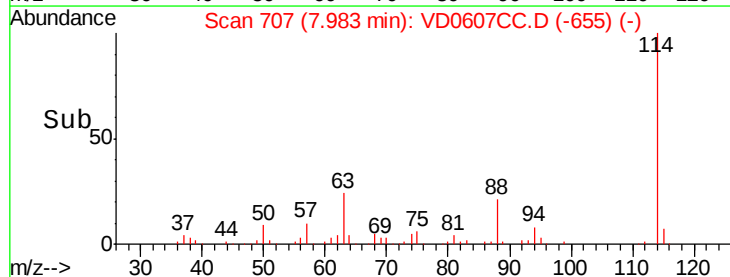
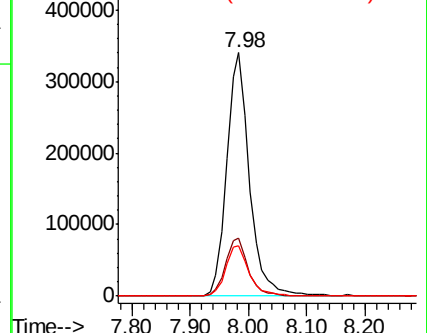
88 20.6 0.0 39.6

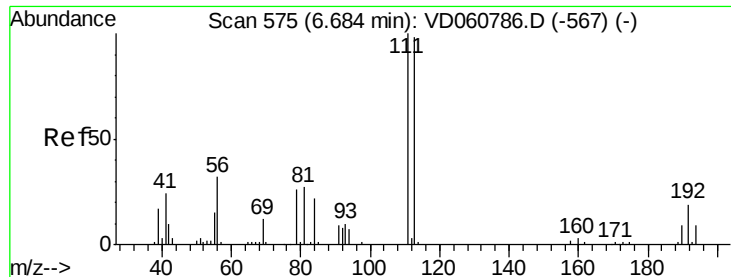


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 6.68 min Scan# 575

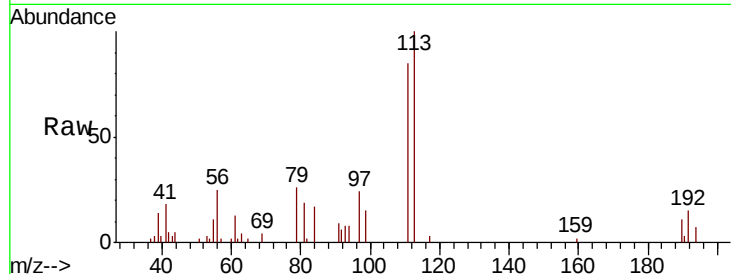
Delta R.T. -0.00 min

Lab File: VD0607CC.D

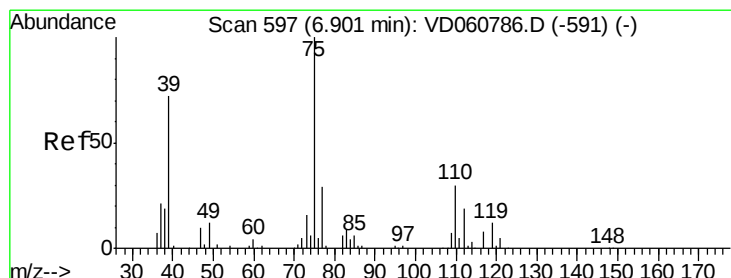
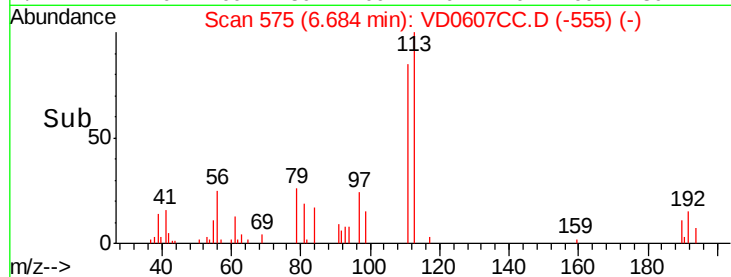
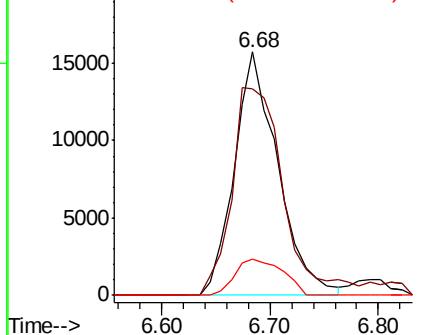
Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:113 Resp: 44164
Ion Ratio Lower Upper
113 100
111 85.0 81.4 122.0
192 14.9 15.3 22.9#



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.277 ug/l

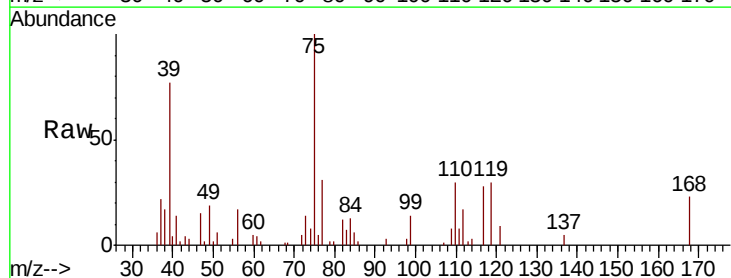
RT: 6.91 min Scan# 598

Delta R.T. 0.01 min

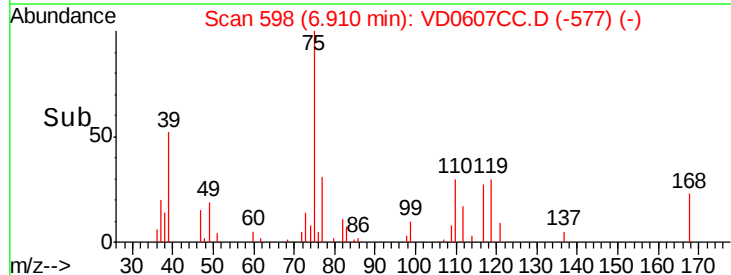
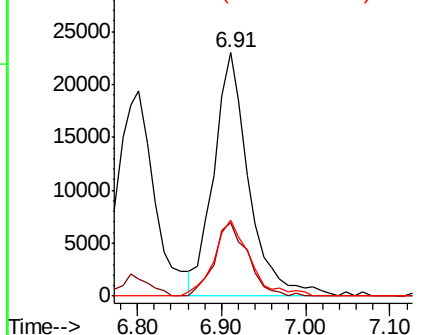
Lab File: VD0607CC.D

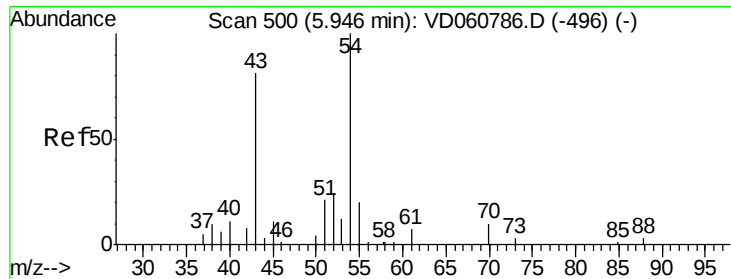
Acq: 23 Jan 2019 15:41

Tgt Ion: 75 Resp: 66476
Ion Ratio Lower Upper
75 100
110 30.0 14.8 44.3
77 31.2 23.1 34.7



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V

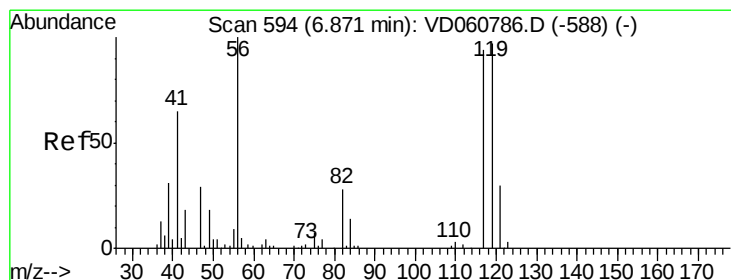
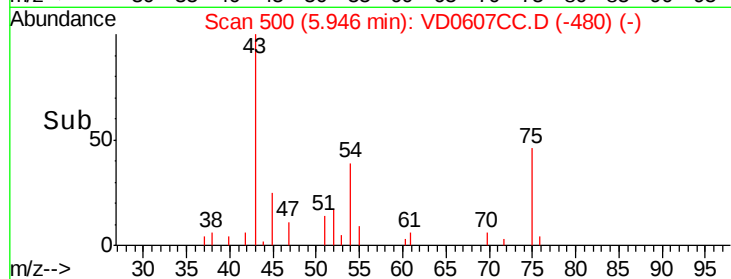
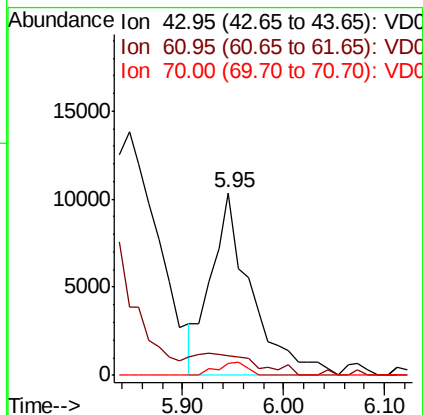
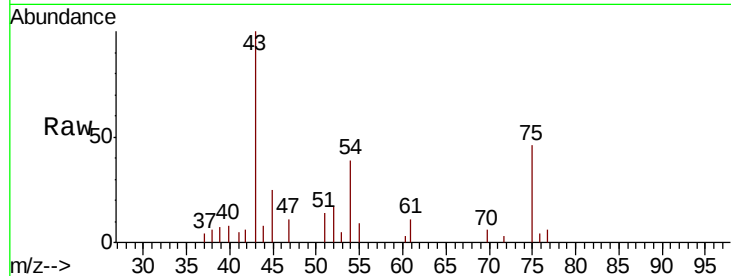




#37
Ethyl Acetate
Concen: 6.537 ug/l
RT: 5.95 min Scan# 500
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

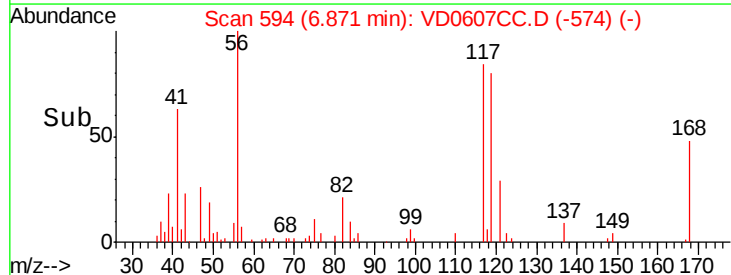
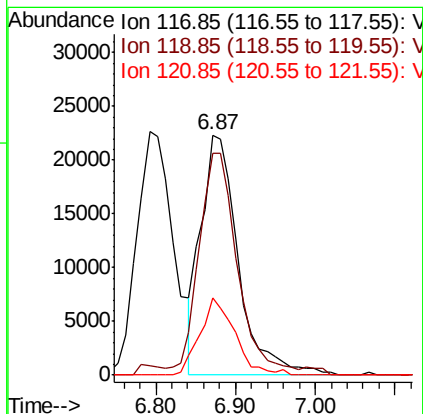
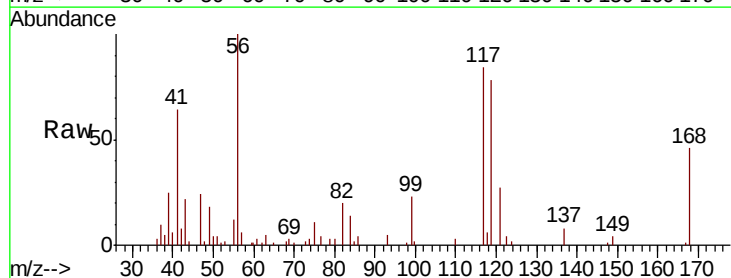
Instrument :
MSVOA_D
ClientSampleId :

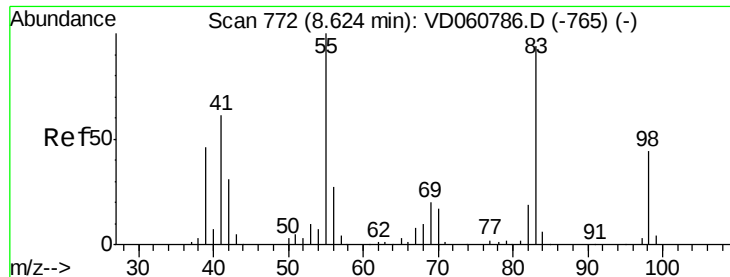
Tgt Ion: 43 Resp: 28775
Ion Ratio Lower Upper
43 100
61 10.9 12.2 18.4#
70 6.4 6.8 10.2#



#38
Carbon Tetrachloride
Concen: 5.601 ug/l
RT: 6.87 min Scan# 594
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 117 Resp: 73113
Ion Ratio Lower Upper
117 100
119 92.7 77.5 116.3
121 32.2 24.2 36.2

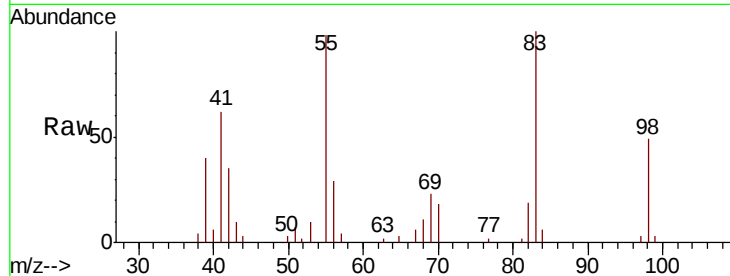




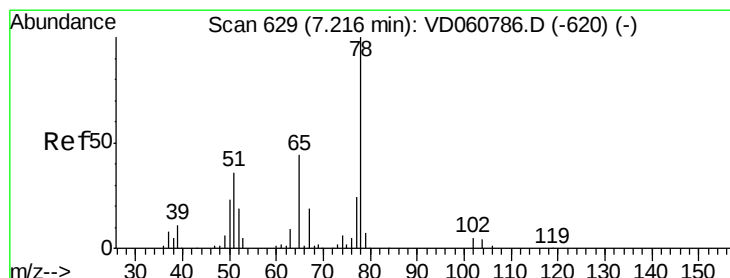
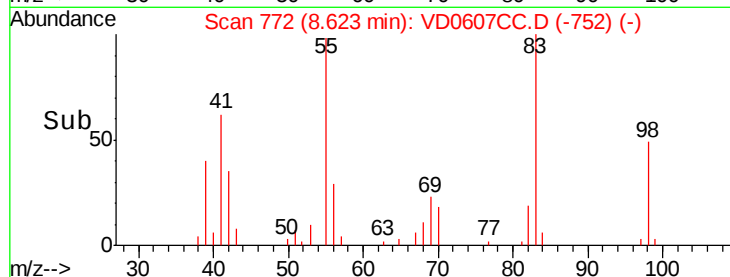
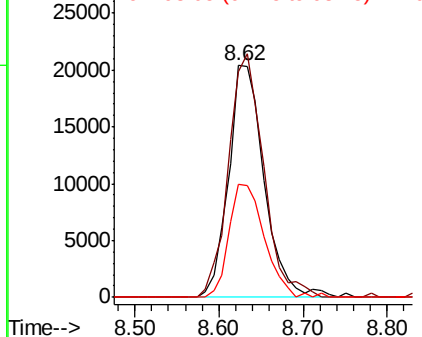
#39
Methylcyclohexane
Concen: 6.372 ug/l
RT: 8.62 min Scan# 772
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampleID :

Tgt Ion: 83 Resp: 60169
Ion Ratio Lower Upper
83 100
55 97.7 85.2 127.8
98 49.0 37.7 56.5

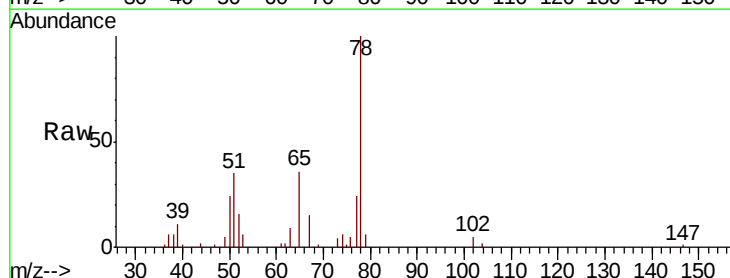


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

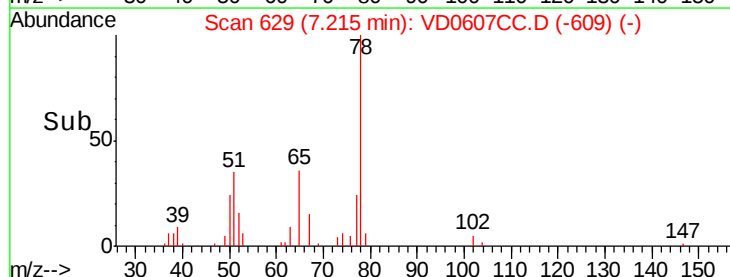
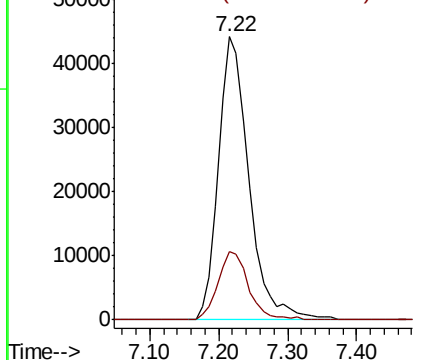


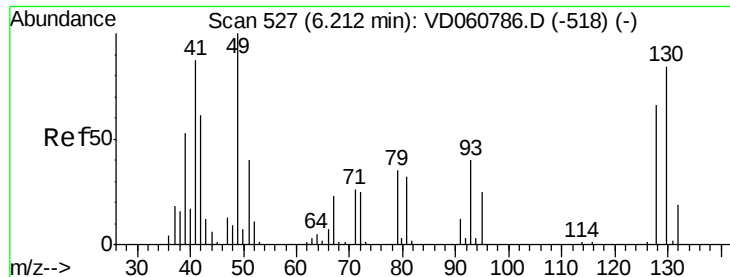
#40
Benzene
Concen: 6.265 ug/l
RT: 7.22 min Scan# 629
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 78 Resp: 135302
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 9.382 ug/l

RT: 6.23 min Scan# 529

Delta R.T. 0.02 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 41 Resp: 30843

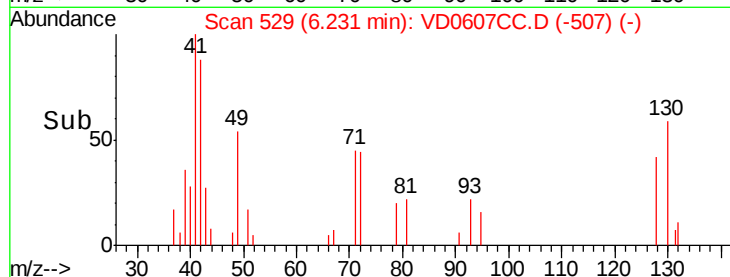
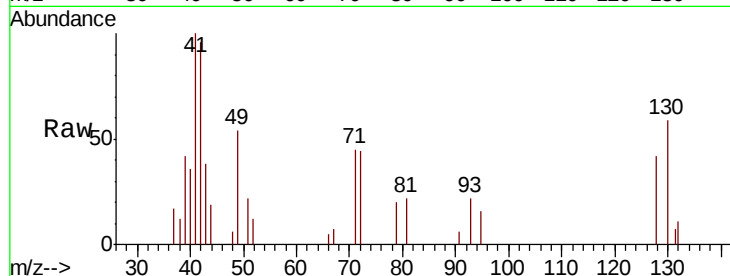
Ion Ratio Lower Upper

41 100

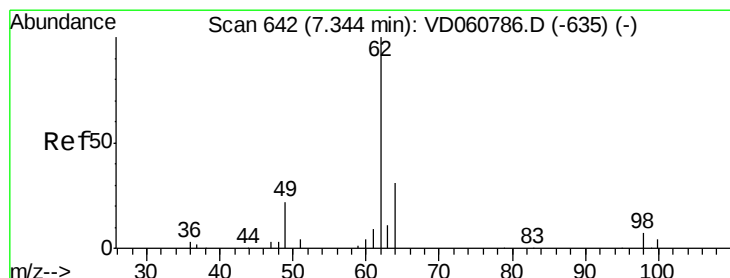
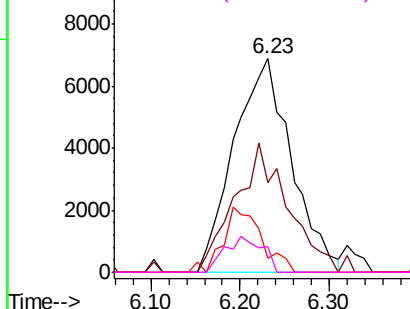
39 41.9 49.4 74.2#

67 6.9 20.7 31.1#

52 12.2 10.2 15.4



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 4.988 ug/l

RT: 7.34 min Scan# 642

Delta R.T. -0.00 min

Lab File: VD0607CC.D

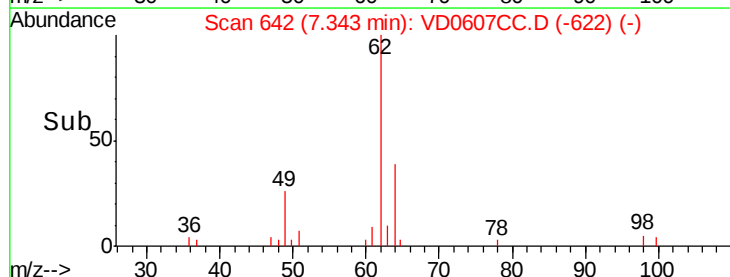
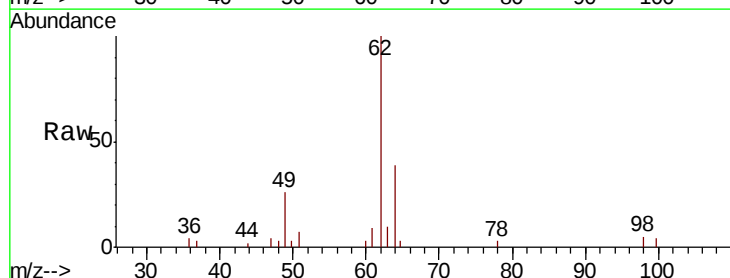
Acq: 23 Jan 2019 15:41

Tgt Ion: 62 Resp: 58439

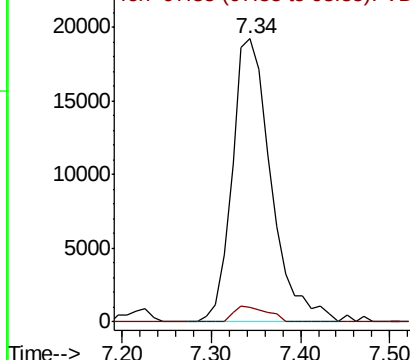
Ion Ratio Lower Upper

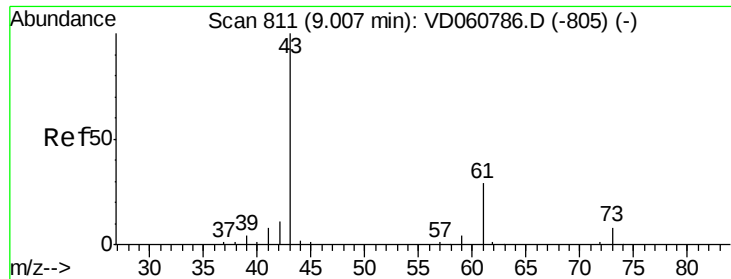
62 100

98 5.0 0.0 13.6



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 5.634 ug/l

RT: 9.01 min Scan# 811

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

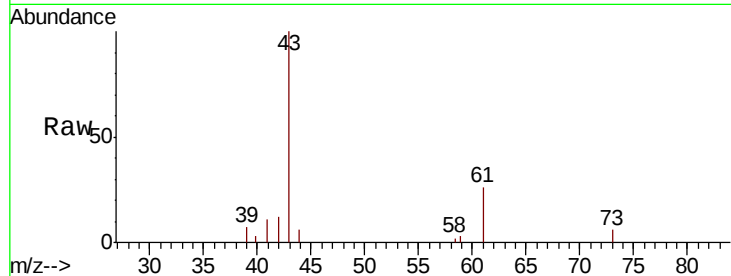
Tgt Ion: 43 Resp: 38093

Ion Ratio Lower Upper

43 100

61 25.8 23.2 34.8

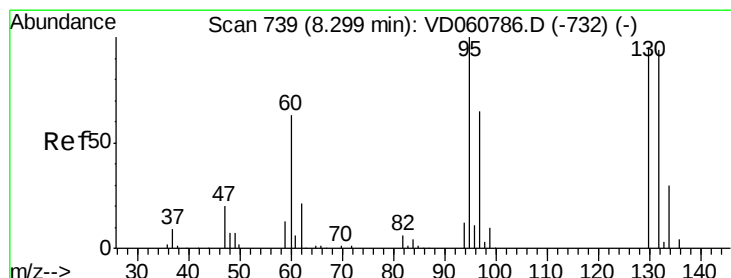
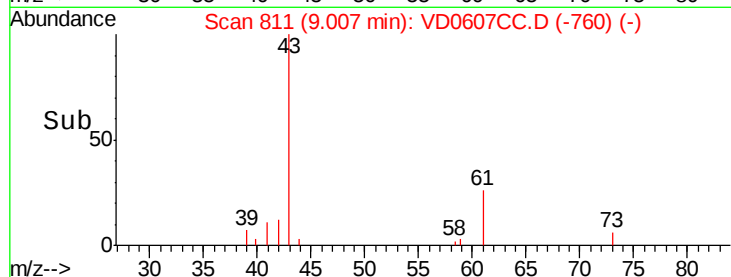
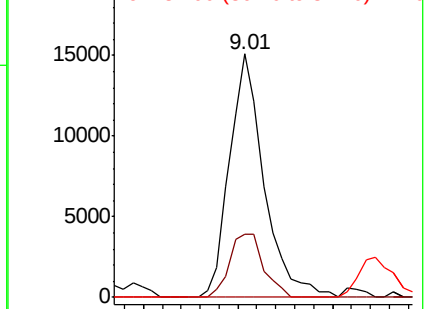
87 0.0 0.0 0.0



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: 5.289 ug/l

RT: 8.31 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD0607CC.D

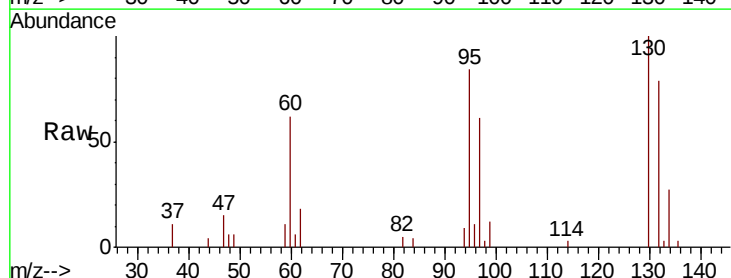
Acq: 23 Jan 2019 15:41

Tgt Ion:130 Resp: 40518

Ion Ratio Lower Upper

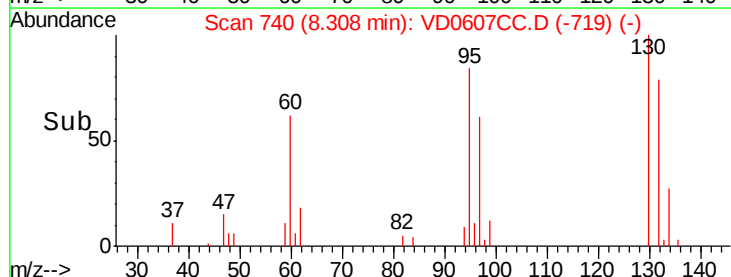
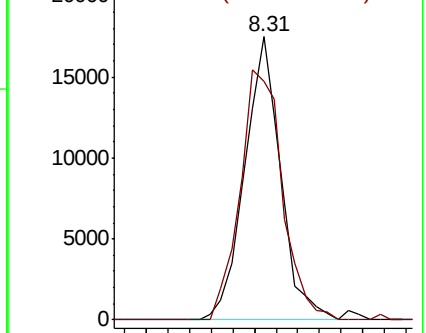
130 100

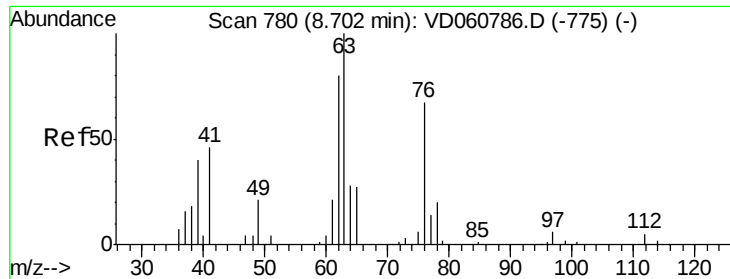
95 84.3 0.0 211.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 5.885 ug/l

RT: 8.70 min Scan# 780

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

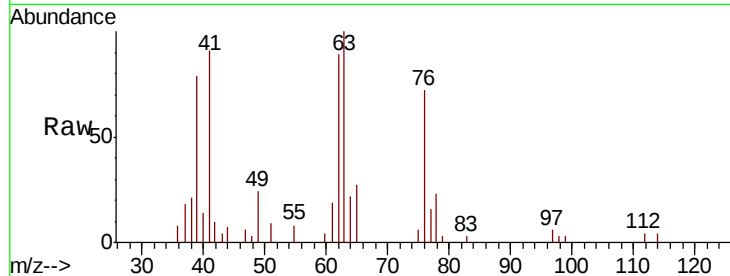
ClientSampled :

Tgt Ion: 63 Resp: 32976

Ion Ratio Lower Upper

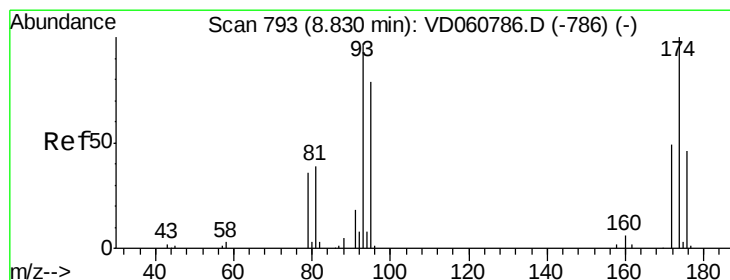
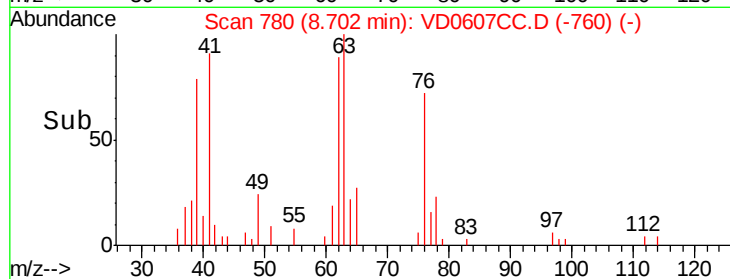
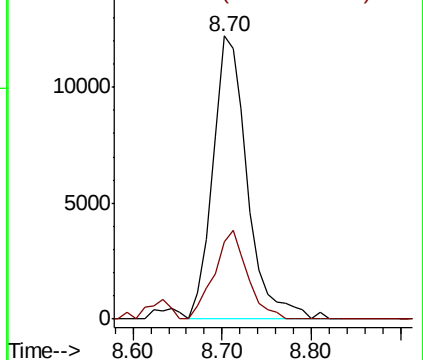
63 100

65 27.2 23.0 34.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 5.201 ug/l

RT: 8.83 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

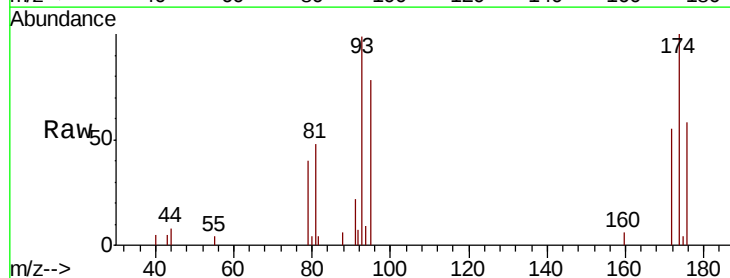
Tgt Ion: 93 Resp: 23841

Ion Ratio Lower Upper

93 100

95 78.8 65.2 97.8

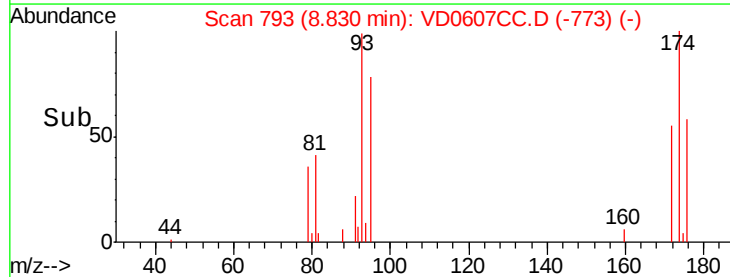
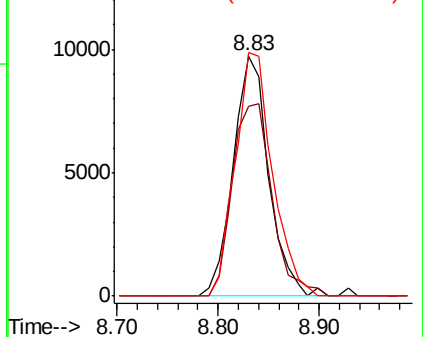
174 101.4 82.1 123.1

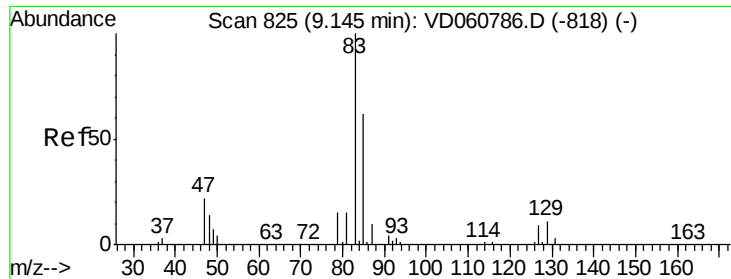


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 5.209 ug/l

RT: 9.14 min Scan# 825

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

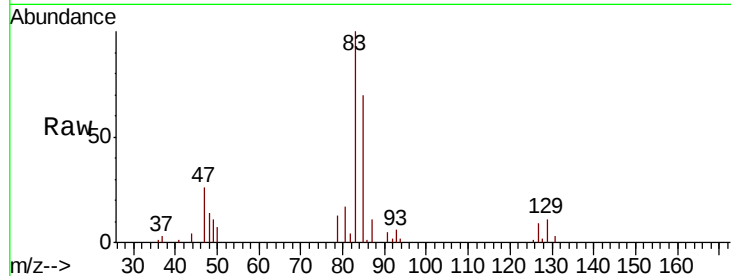
Tgt Ion: 83 Resp: 58823

Ion Ratio Lower Upper

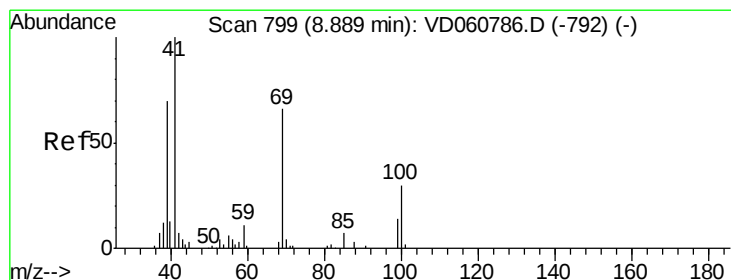
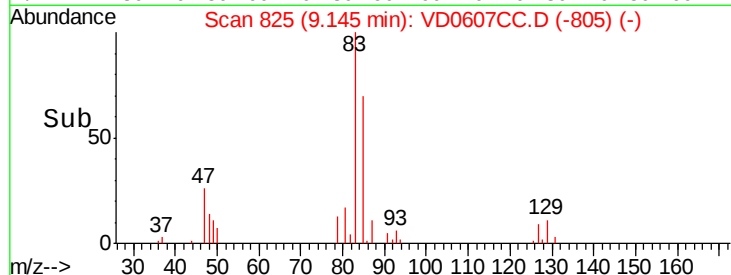
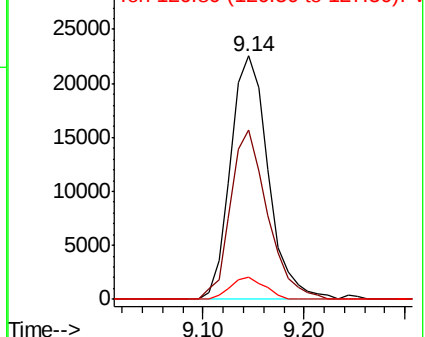
83 100

85 69.8 49.8 74.6

127 9.0 7.0 10.4



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: 5.574 ug/l

RT: 8.89 min Scan# 799

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

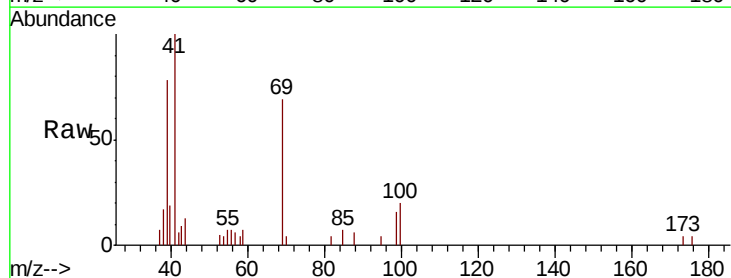
Tgt Ion: 41 Resp: 25431

Ion Ratio Lower Upper

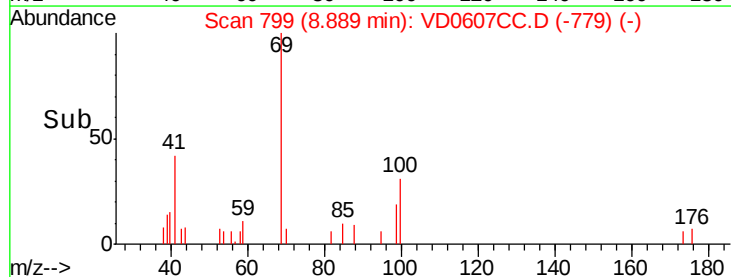
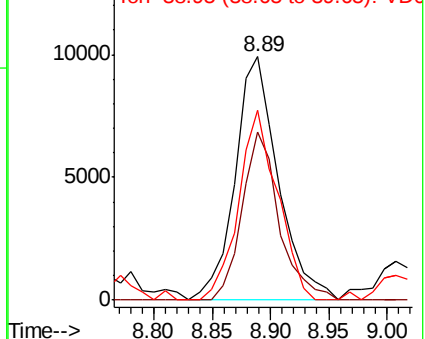
41 100

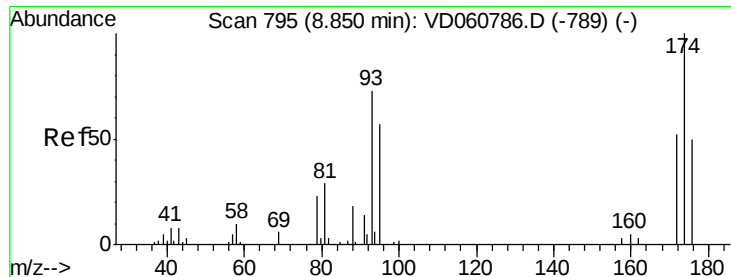
69 69.1 52.2 78.4

39 77.9 56.3 84.5



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: 100.072 ug/l

RT: 8.86 min Scan# 796

Delta R.T. 0.01 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

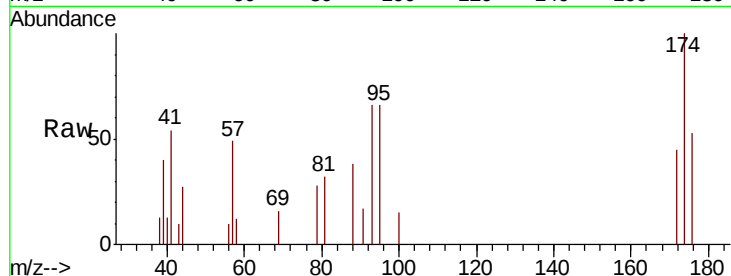
Tgt Ion: 88 Resp: 3854

Ion Ratio Lower Upper

88 100

43 27.6 36.2 54.2#

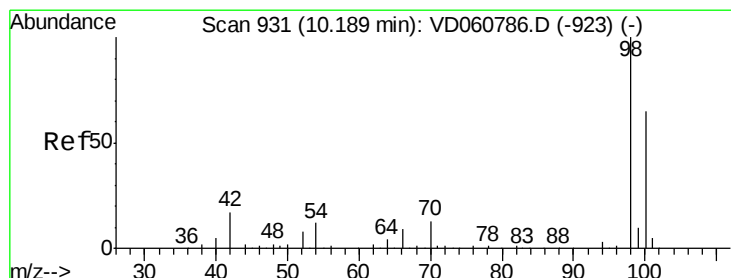
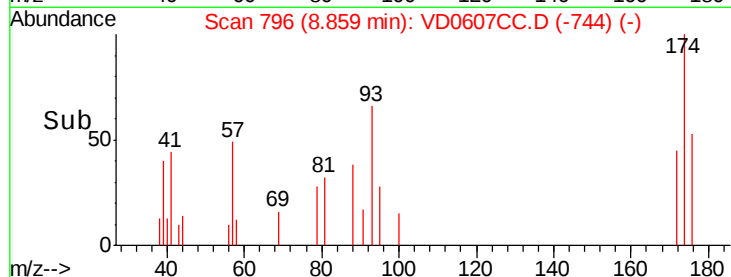
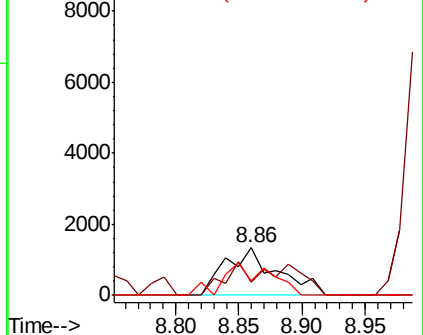
58 31.1 47.3 70.9#



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: 100.072 ug/l

RT: 10.18 min Scan# 930

Delta R.T. -0.01 min

Lab File: VD0607CC.D

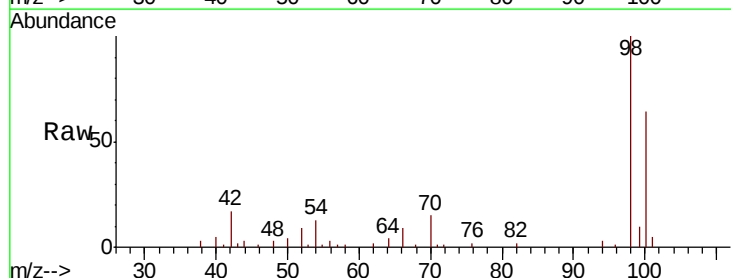
Acq: 23 Jan 2019 15:41

Tgt Ion: 98 Resp: 111924

Ion Ratio Lower Upper

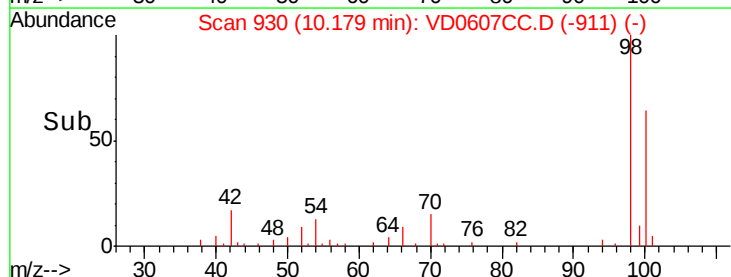
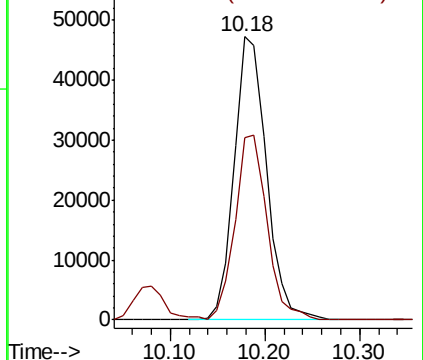
98 100

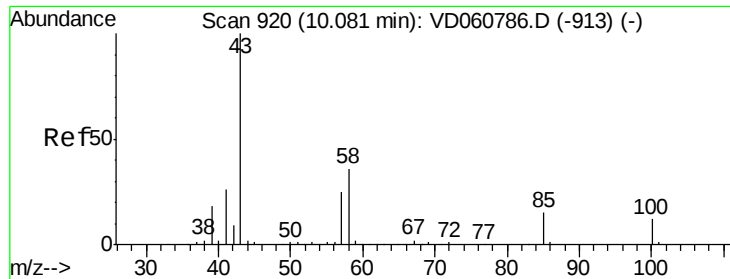
100 64.5 53.4 80.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

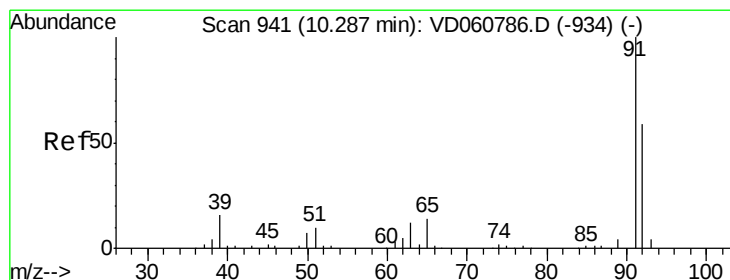
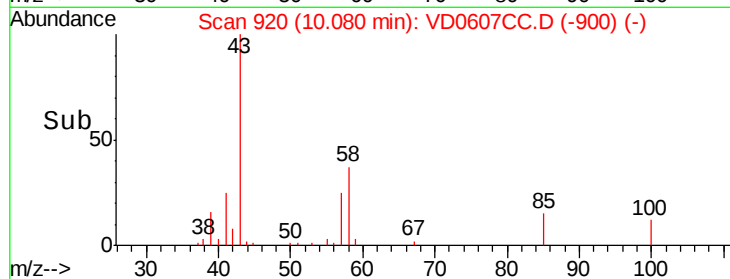
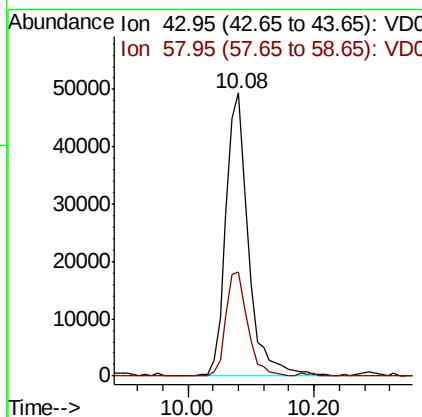
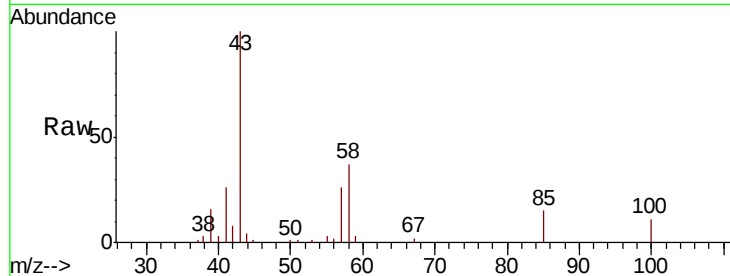




#51
4-Methyl-2-Pentanone
Concen: 27.480 ug/l
RT: 10.08 min Scan# 920
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

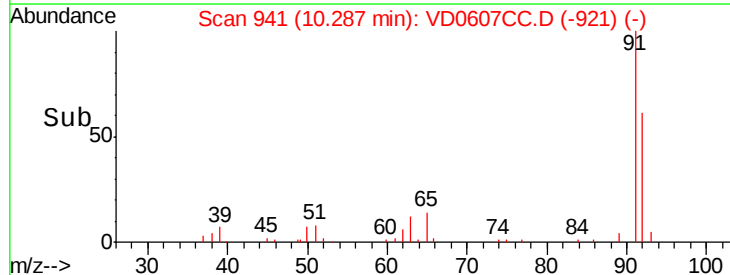
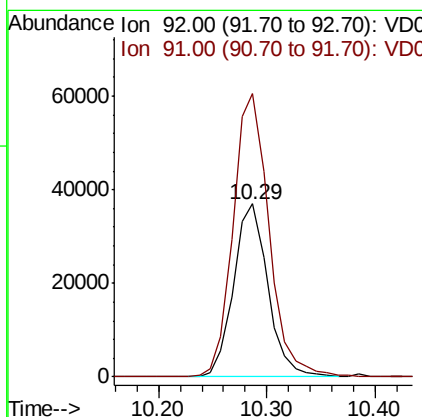
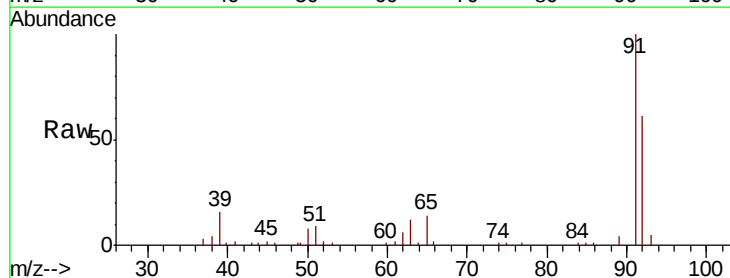
Instrument :
MSVOA_D
ClientSampleId :

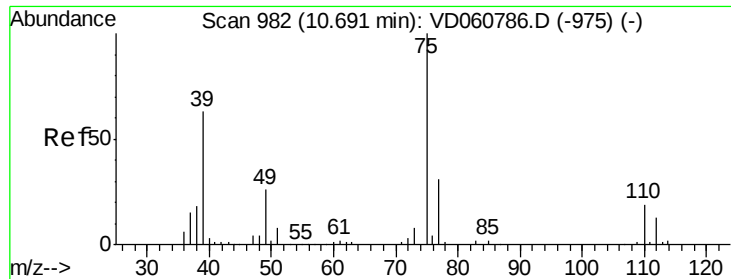
Tgt Ion: 43 Resp: 122211
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.6



#52
Toluene
Concen: 6.040 ug/l
RT: 10.29 min Scan# 941
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 92 Resp: 81623
Ion Ratio Lower Upper
92 100
91 163.6 135.1 202.7

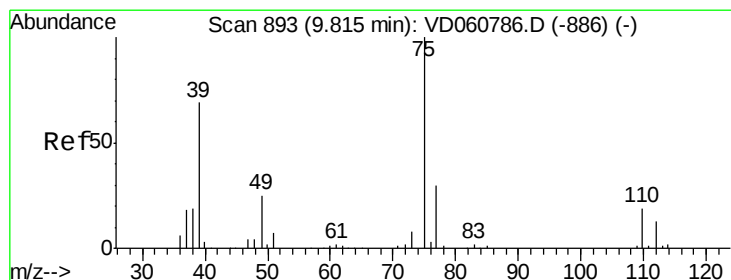
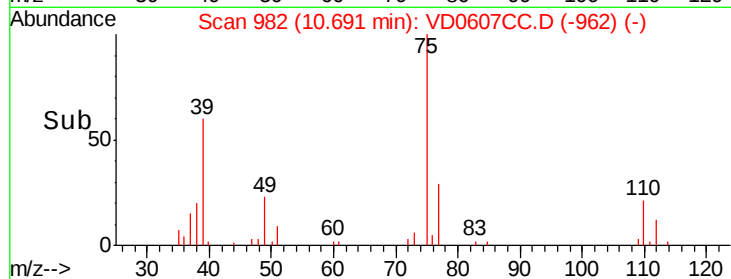
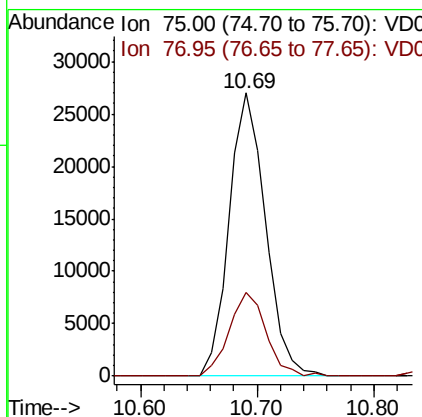
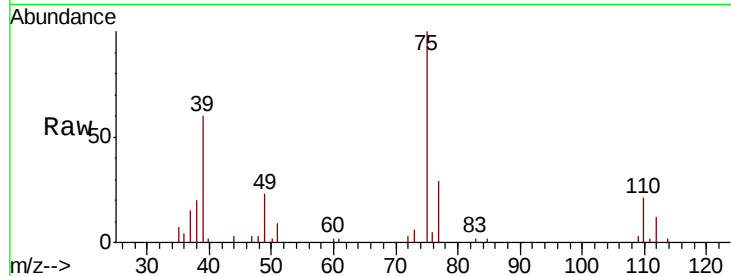




#53
 t-1,3-Dichloropropene
 Concen: 5.279 ug/l
 RT: 10.69 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

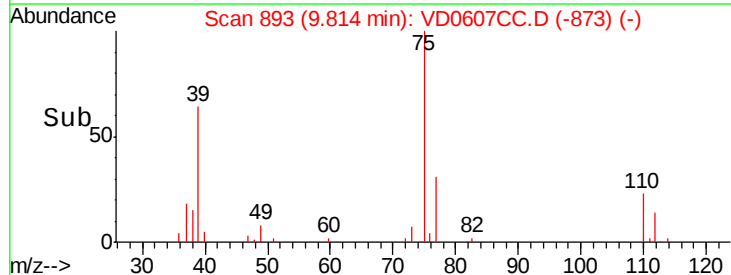
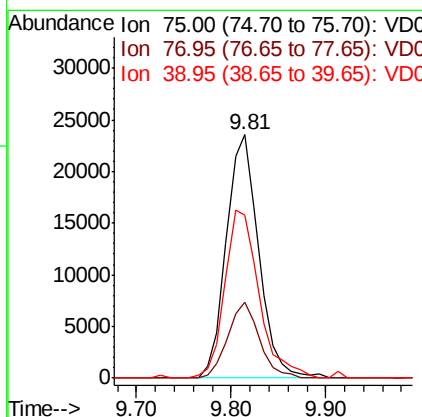
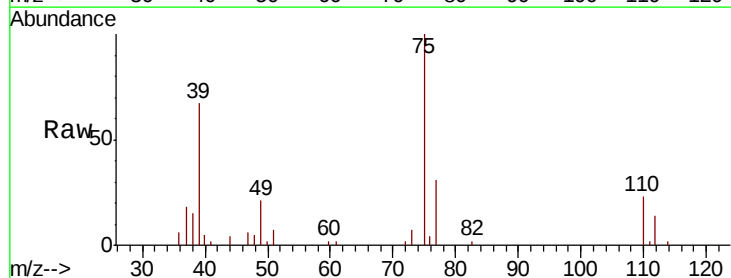
Instrument :
 MSVOA_D
 ClientSampleId :

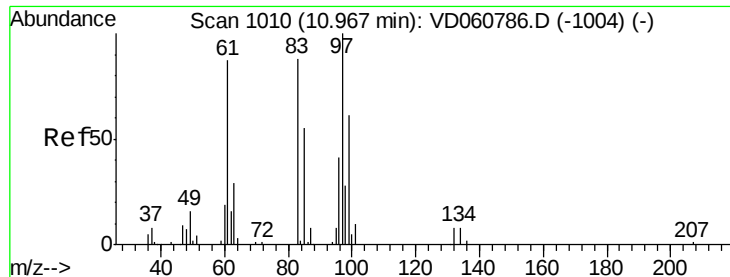
Tgt Ion: 75 Resp: 58332
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 5.315 ug/l
 RT: 9.81 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 75 Resp: 55790
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1
 39 67.0 55.4 83.0

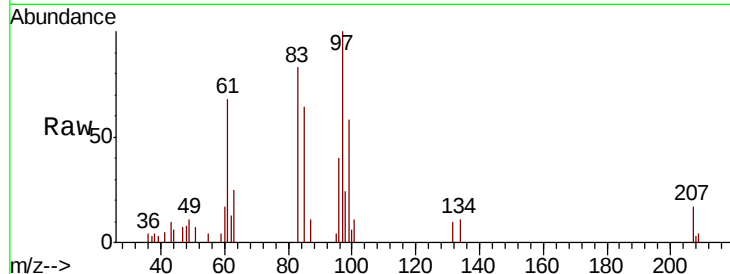




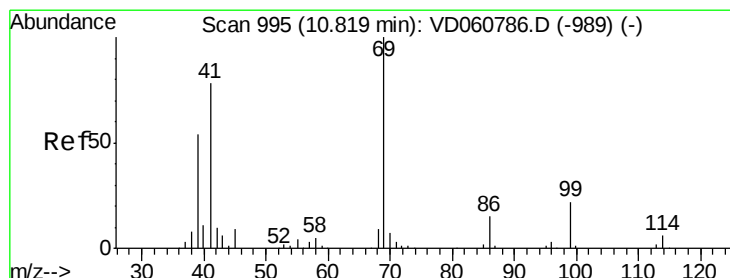
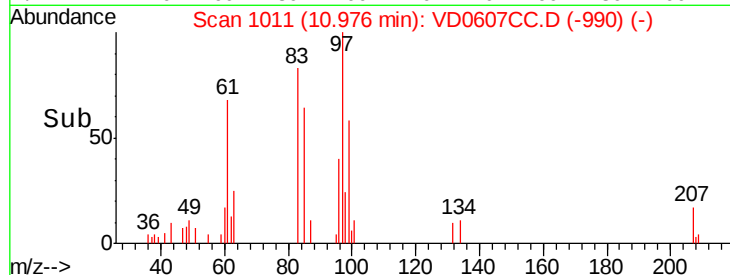
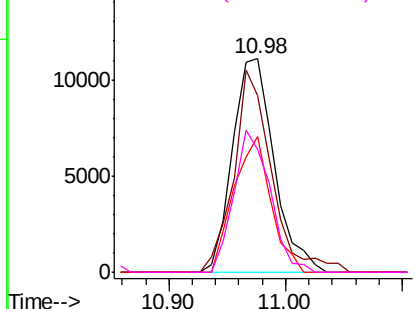
#55
 1,1,2-Trichloroethane
 Concen: 5.722 ug/l
 RT: 10.98 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 97 Resp: 27436
 Ion Ratio Lower Upper
 97 100
 83 82.6 70.4 105.6
 85 63.8 43.9 65.9
 99 57.7 48.6 73.0

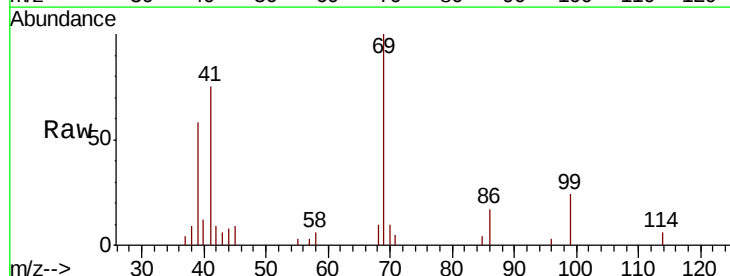


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

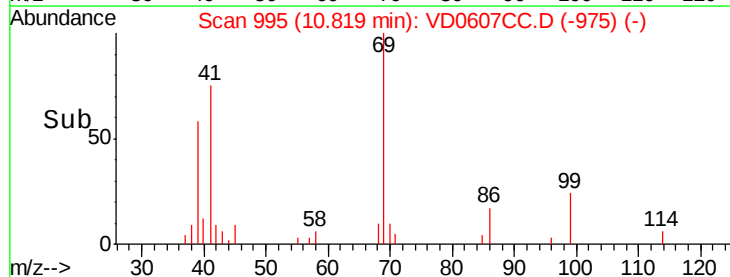
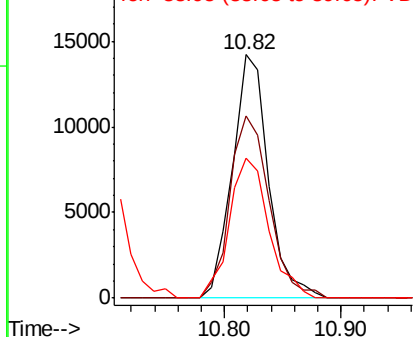


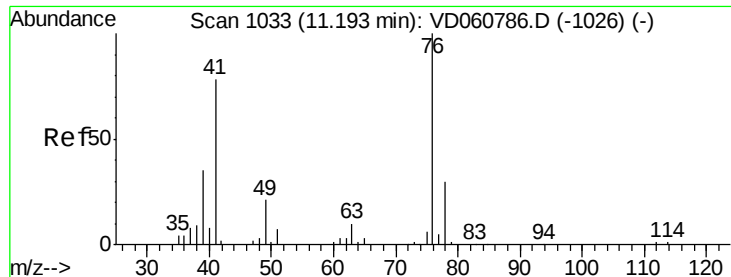
#56
 Ethyl methacrylate
 Concen: 5.468 ug/l
 RT: 10.82 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 69 Resp: 30425
 Ion Ratio Lower Upper
 69 100
 41 74.9 62.0 93.0
 39 57.6 43.8 65.8



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: 5.182 ug/l

RT: 11.19 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

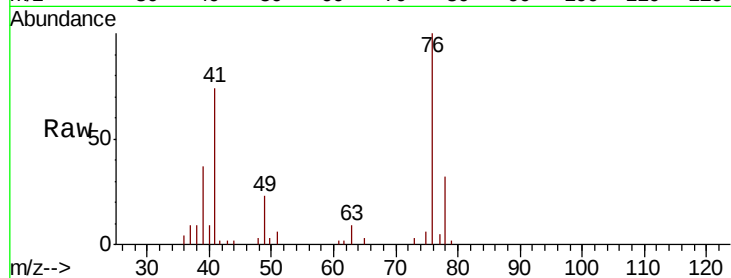
ClientSampled :

Tgt Ion: 76 Resp: 43527

Ion Ratio Lower Upper

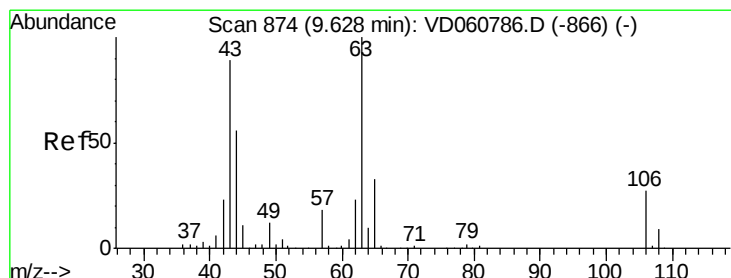
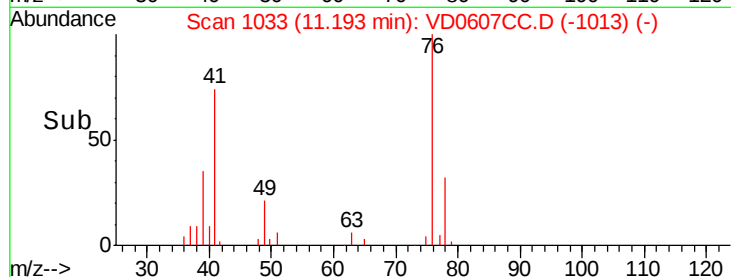
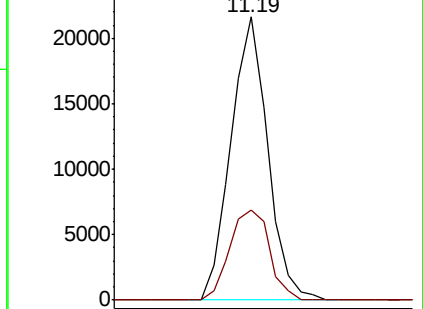
76 100

78 32.0 24.0 36.0



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: 26.917 ug/l

RT: 9.63 min Scan# 874

Delta R.T. -0.00 min

Lab File: VD0607CC.D

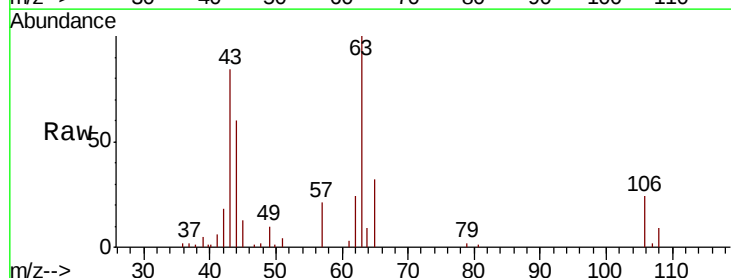
Acq: 23 Jan 2019 15:41

Tgt Ion: 63 Resp: 84619

Ion Ratio Lower Upper

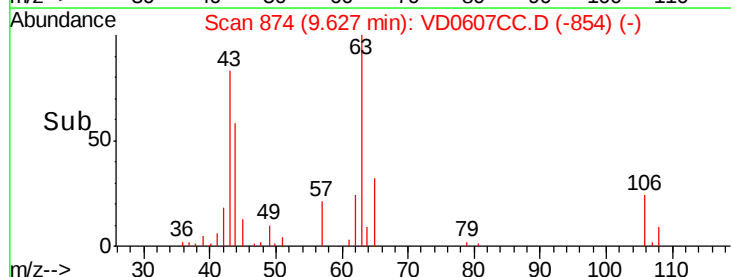
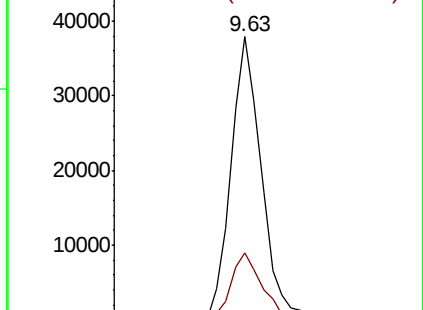
63 100

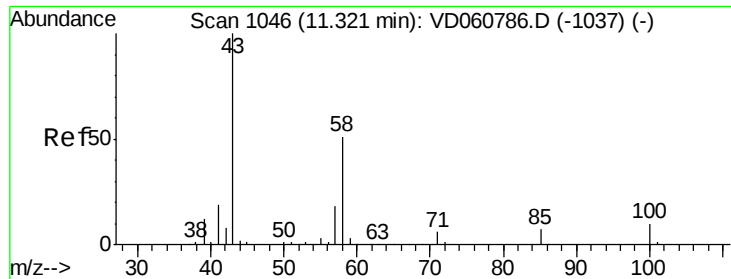
106 23.6 21.6 32.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

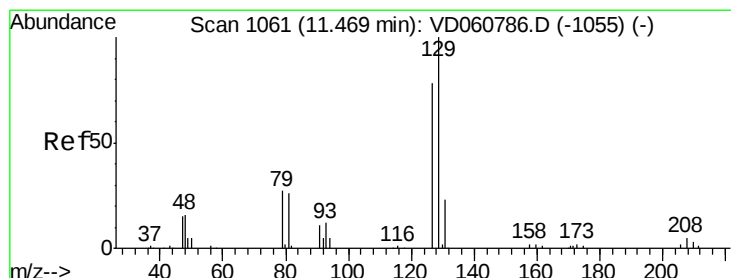
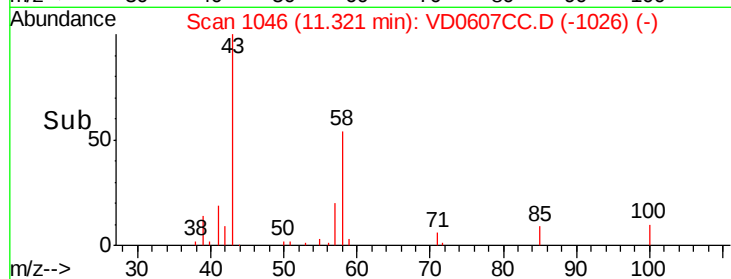
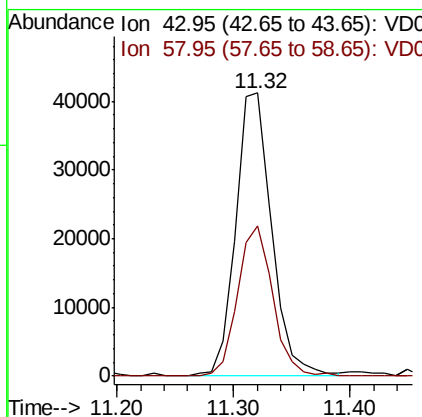
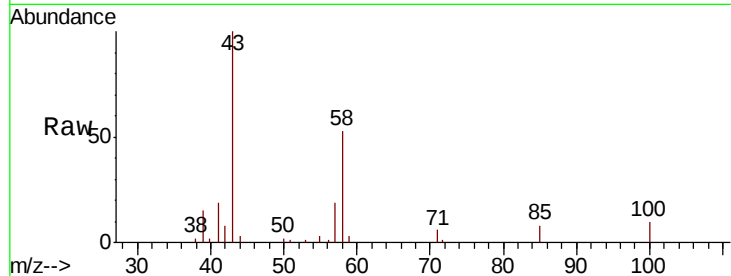




#59
2-Hexanone
Concen: 26.860 ug/l
RT: 11.32 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

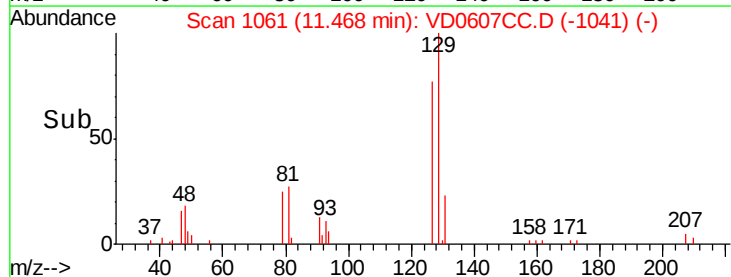
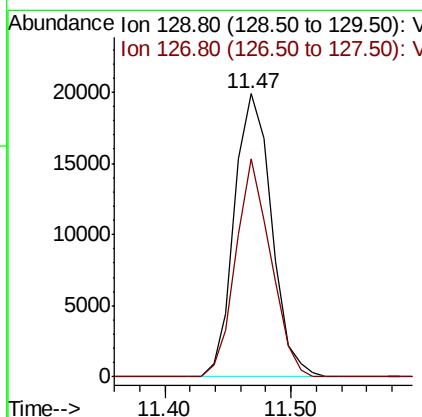
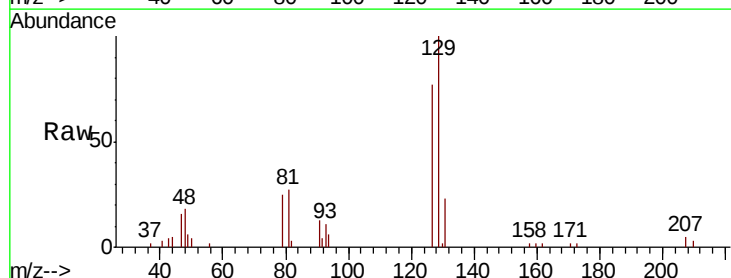
Instrument :
MSVOA_D
ClientSampleId :

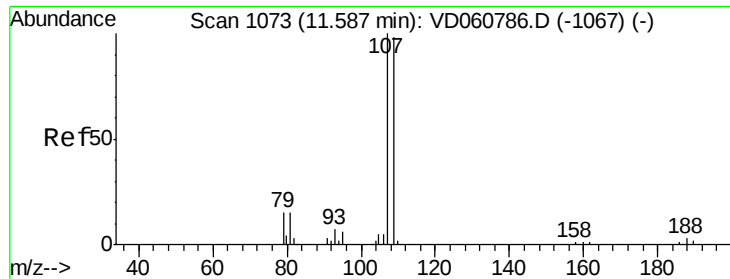
Tgt Ion: 43 Resp: 88140
Ion Ratio Lower Upper
43 100
58 52.9 25.4 76.2



#60
Dibromochloromethane
Concen: 5.350 ug/l
RT: 11.47 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 129 Resp: 40666
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

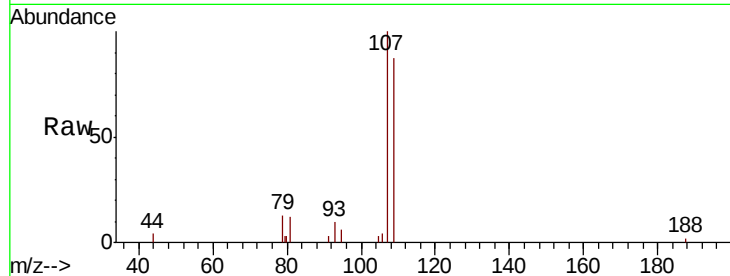




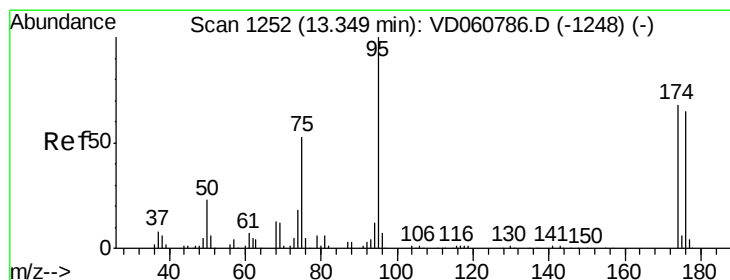
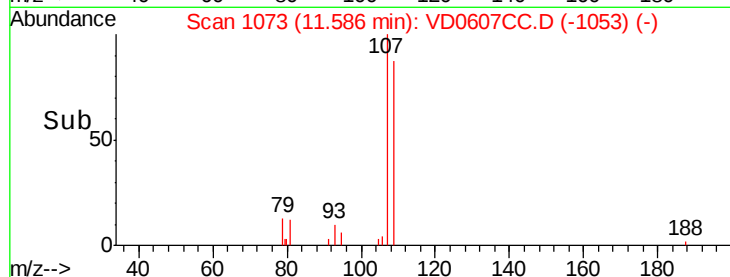
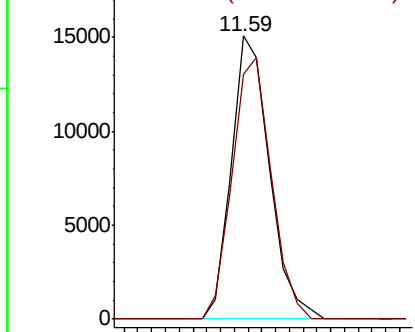
#61
 1,2-Dibromoethane
 Concen: 5.339 ug/l
 RT: 11.59 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 107 Resp: 29034
 Ion Ratio Lower Upper
 107 100
 109 86.7 78.2 117.2

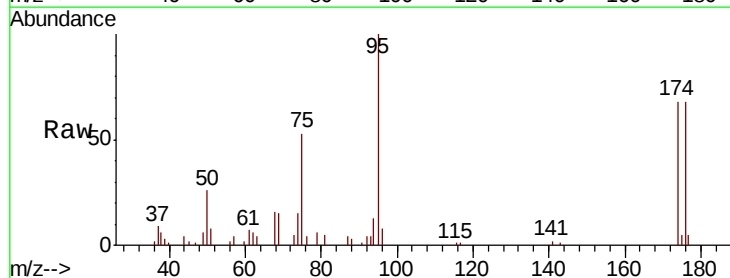


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.90 (108.60 to 109.60): V

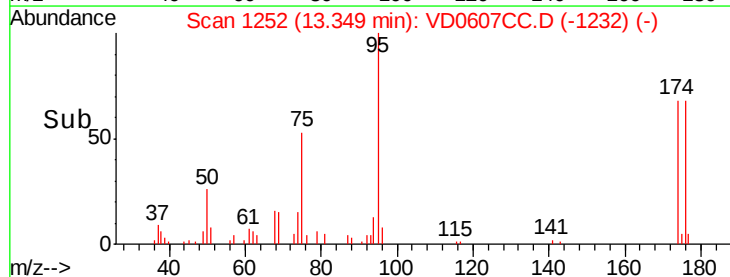
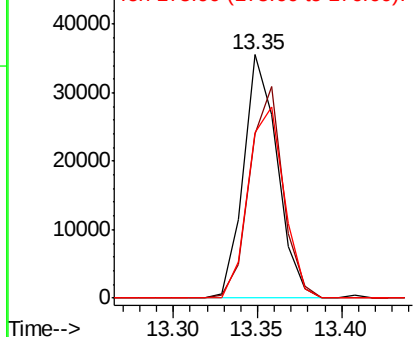


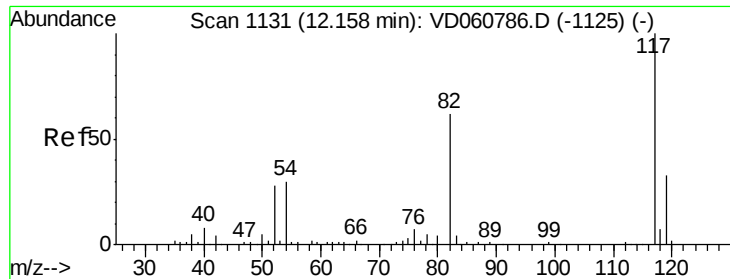
#62
 4-Bromofluorobenzene
 Concen: 5.339 ug/l
 RT: 13.35 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 95 Resp: 49349
 Ion Ratio Lower Upper
 95 100
 174 67.7 0.0 135.6
 176 67.9 0.0 130.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

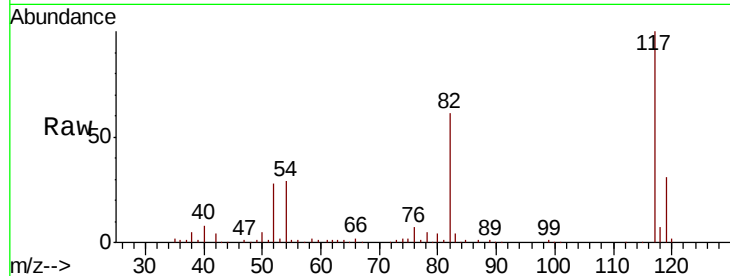




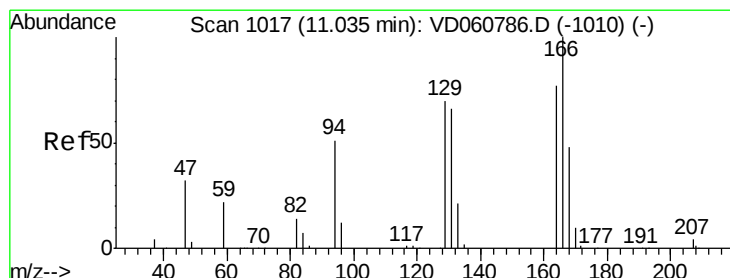
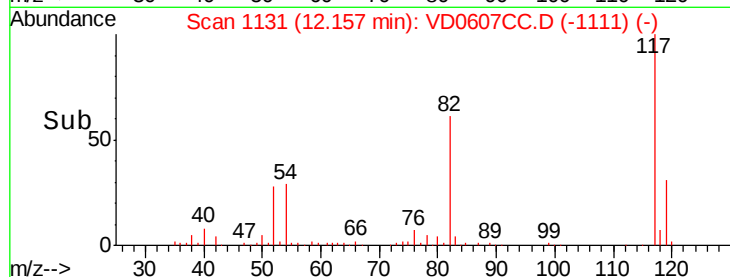
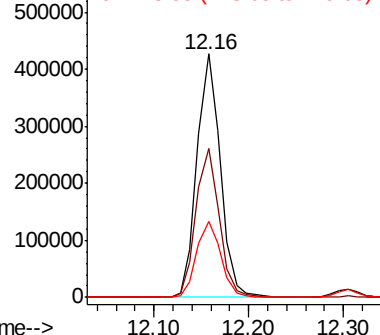
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:117 Resp: 732328
Ion Ratio Lower Upper
117 100
82 61.1 49.5 74.3
119 31.3 26.2 39.4

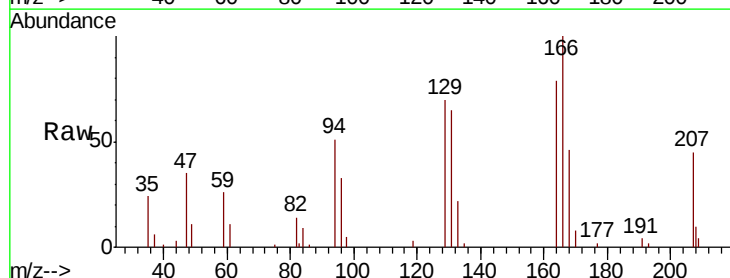


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

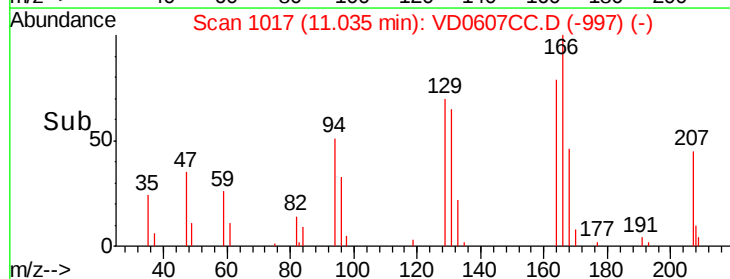
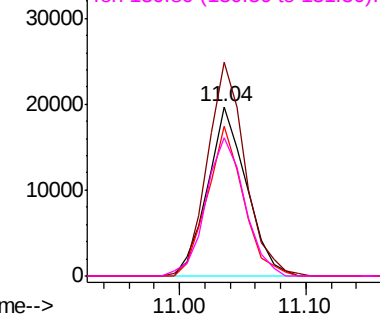


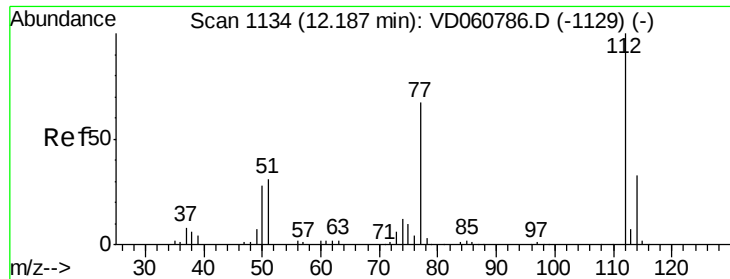
#64
Tetrachloroethene
Concen: 6.544 ug/l
RT: 11.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion:164 Resp: 41976
Ion Ratio Lower Upper
164 100
166 126.2 103.8 155.6
129 88.6 72.2 108.2
131 81.5 68.2 102.4



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

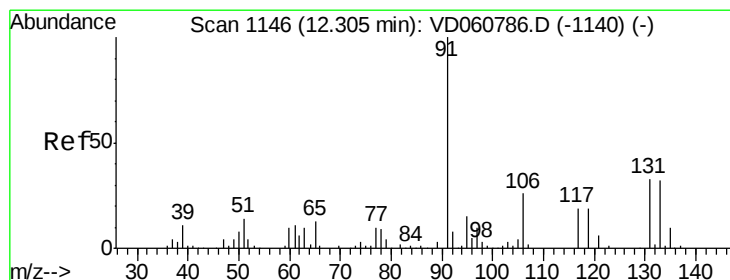
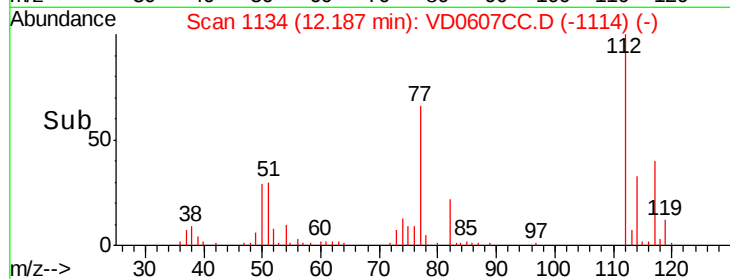
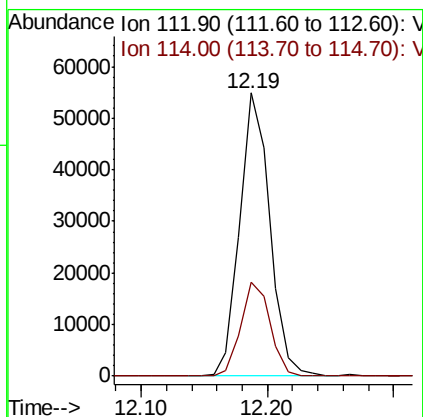
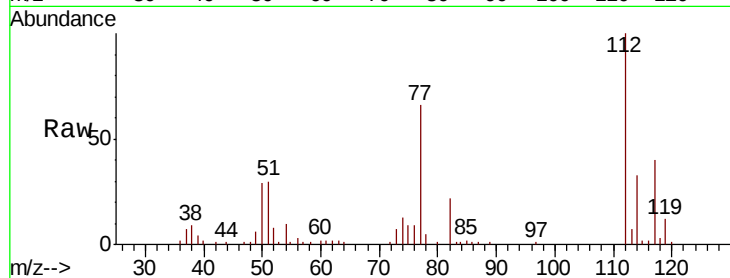




#65
Chlorobenzene
Concen: 6.155 ug/l
RT: 12.19 min Scan# 1134
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

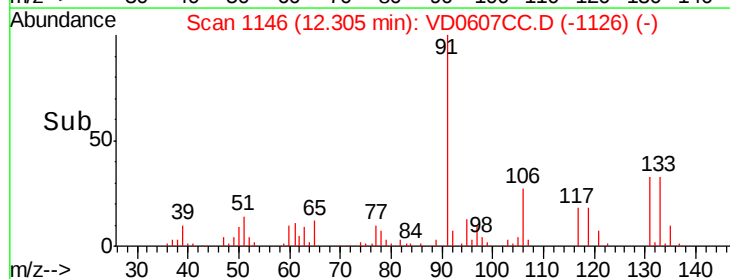
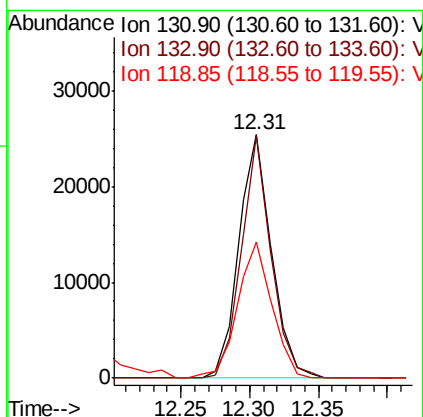
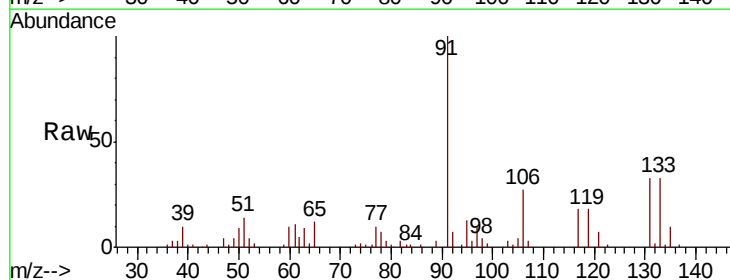
Instrument :
MSVOA_D
ClientSampled :

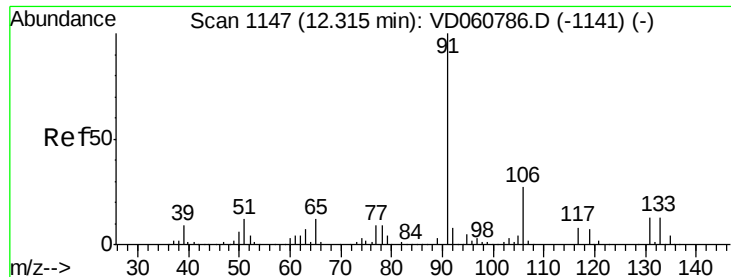
Tgt Ion:112 Resp: 90358
Ion Ratio Lower Upper
112 100
114 33.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 6.409 ug/l
RT: 12.31 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion:131 Resp: 41873
Ion Ratio Lower Upper
131 100
133 99.6 48.3 144.8
119 56.0 28.0 84.0

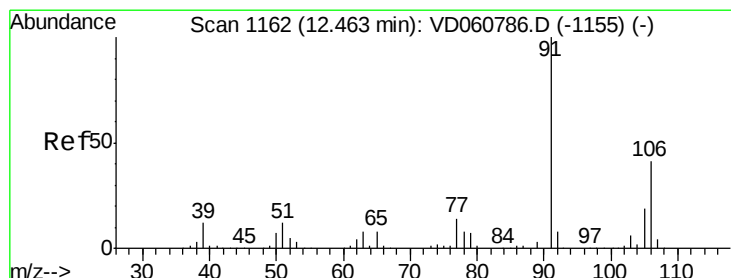
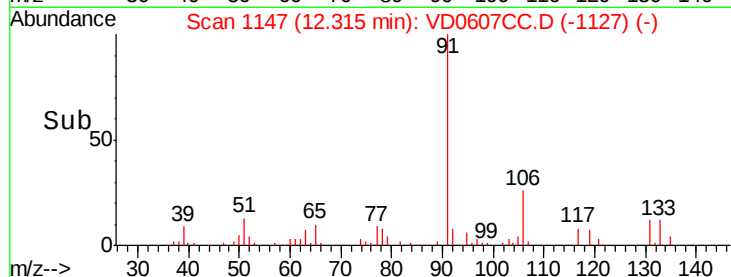
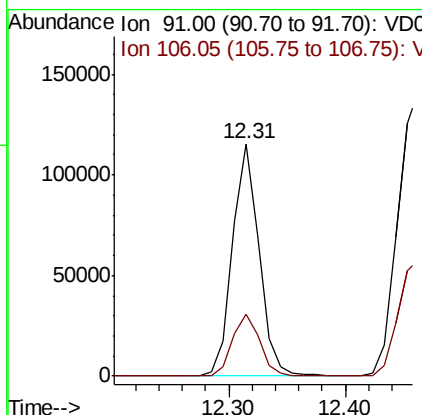
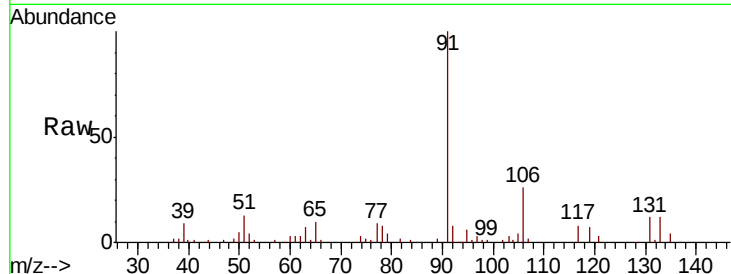




#67
Ethyl Benzene
Concen: 6.657 ug/l
RT: 12.31 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

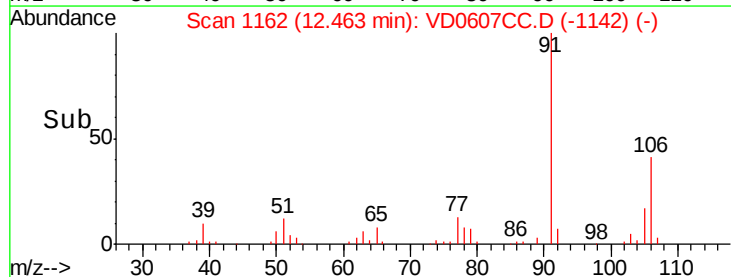
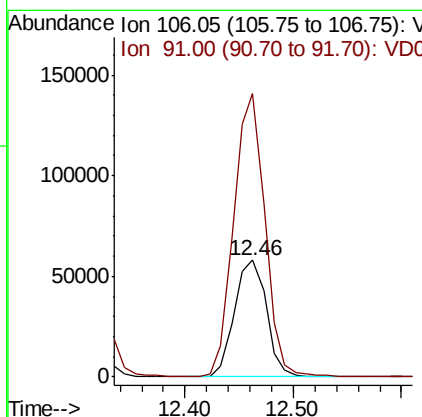
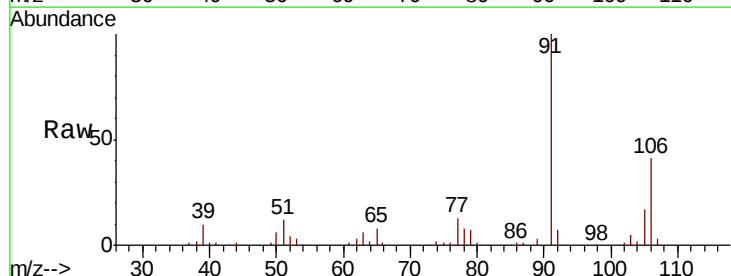
Instrument :
MSVOA_D
ClientSampleId :

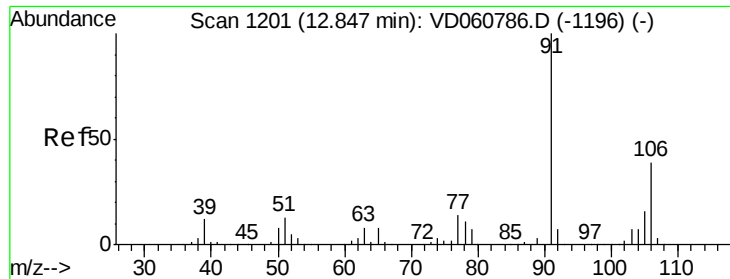
Tgt Ion: 91 Resp: 182081
Ion Ratio Lower Upper
91 100
106 26.5 21.4 32.2



#68
m/p-Xylenes
Concen: 13.268 ug/l
RT: 12.46 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 106 Resp: 118942
Ion Ratio Lower Upper
106 100
91 242.4 195.6 293.4

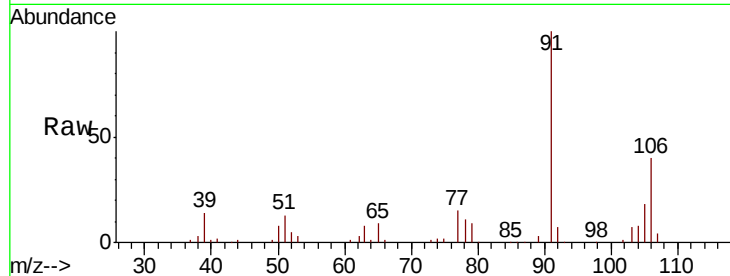




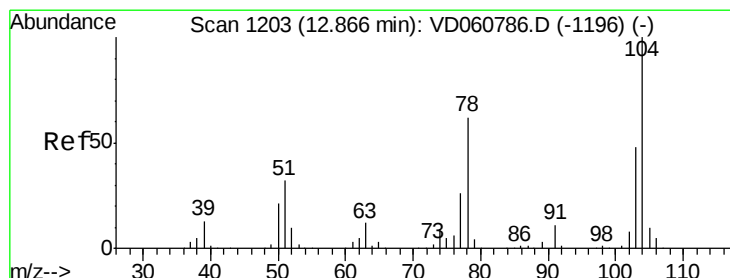
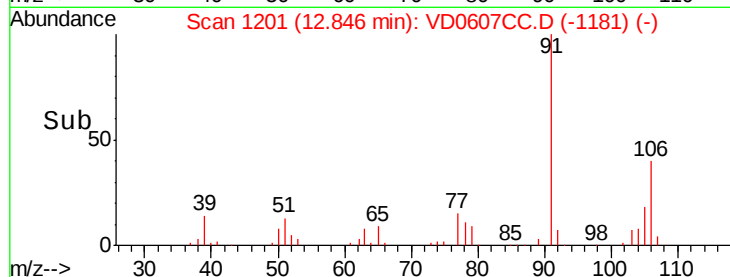
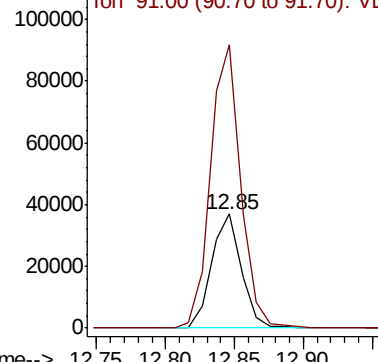
#69
o-Xylene
Concen: 6.608 ug/l
RT: 12.85 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:106 Resp: 55640
Ion Ratio Lower Upper
106 100
91 247.5 127.2 381.5

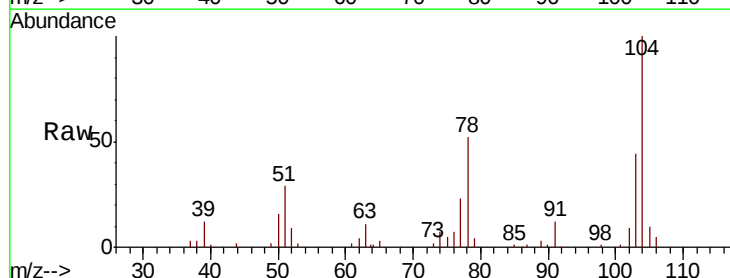


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

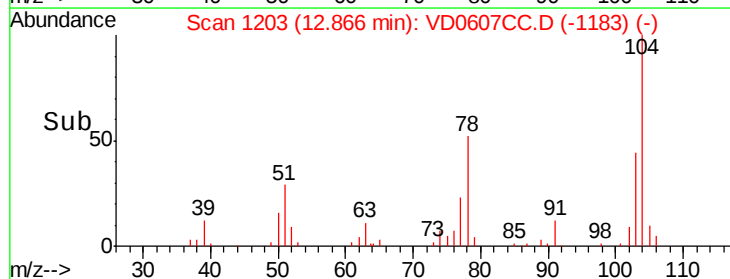
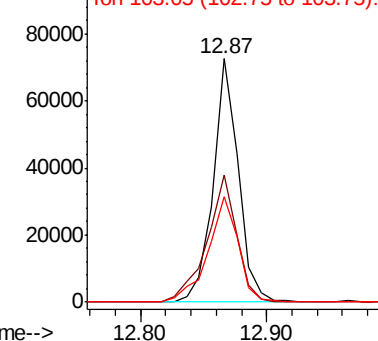


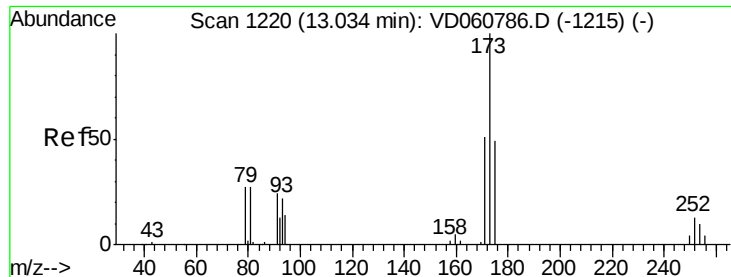
#70
Styrene
Concen: 6.690 ug/l
RT: 12.87 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion:104 Resp: 99194
Ion Ratio Lower Upper
104 100
78 52.4 49.7 74.5
103 43.5 38.2 57.2



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: 5.622 ug/l

RT: 13.03 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampled :

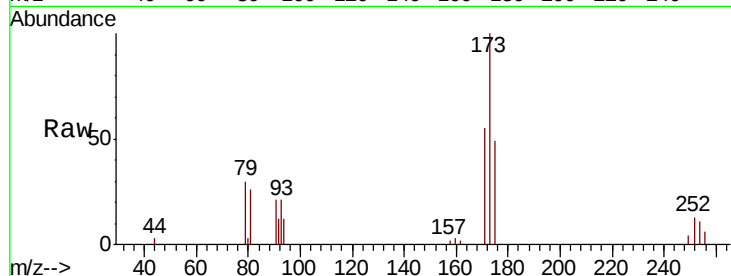
Tgt Ion:173 Resp: 27114

Ion Ratio Lower Upper

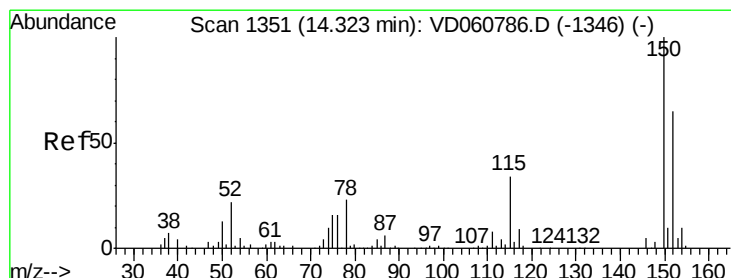
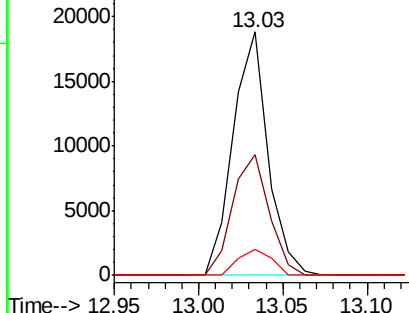
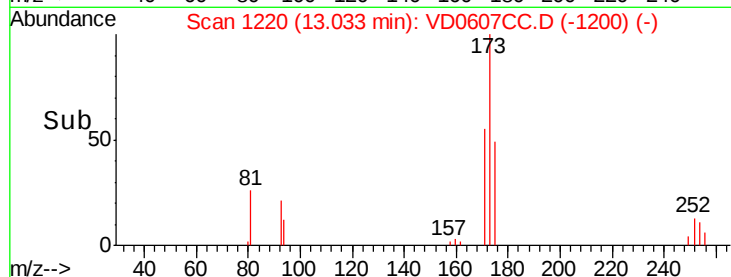
173 100

175 49.4 24.3 72.9

254 10.6 8.2 12.4



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: 14.32 min Scan# 1351

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

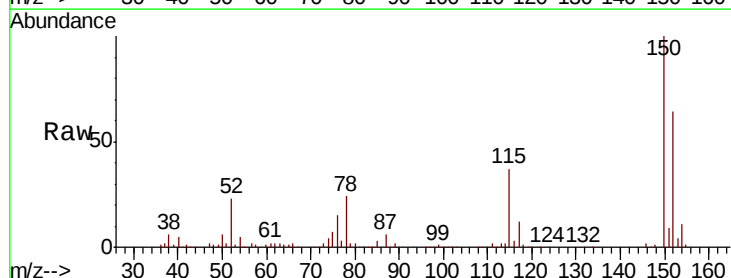
Tgt Ion:152 Resp: 386436

Ion Ratio Lower Upper

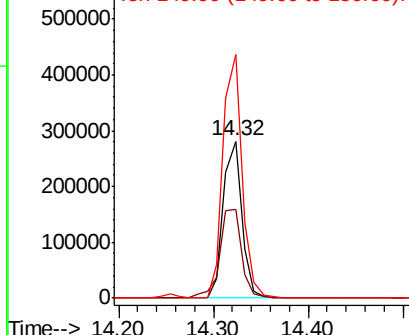
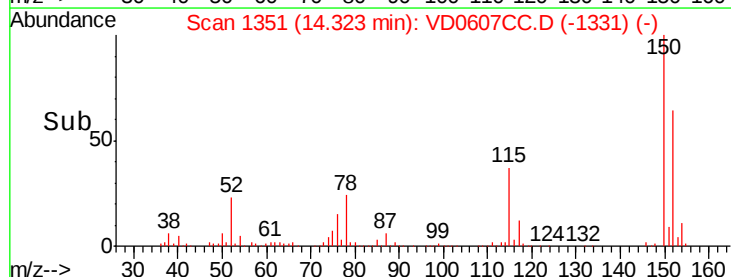
152 100

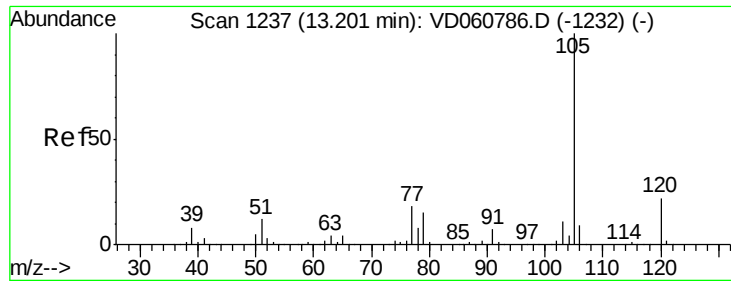
115 56.9 28.1 84.3

150 155.1 0.0 314.0



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: 6.115 ug/l

RT: 13.20 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

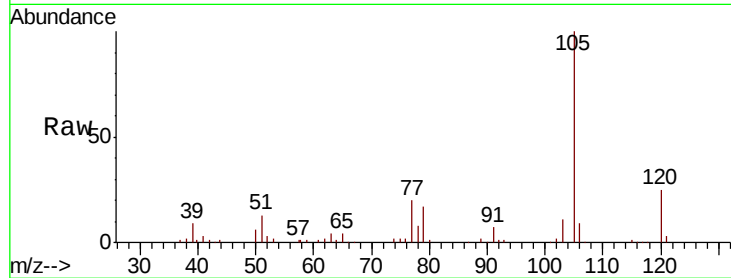
ClientSampleId :

Tgt Ion: 105 Resp: 173541

Ion Ratio Lower Upper

105 100

120 24.5 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

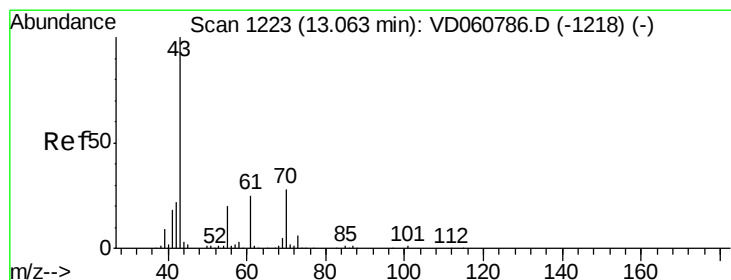
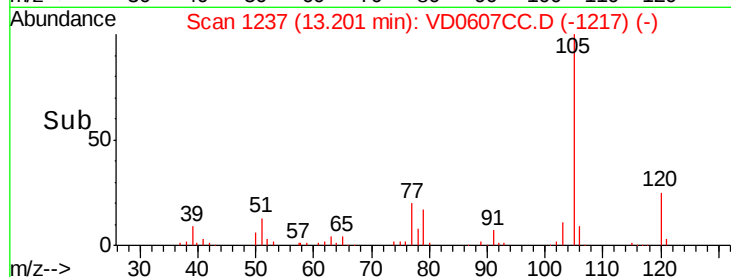
13.20

100000

50000

0

Time--> 13.10 13.20 13.30



#74

N-ethyl acetate

Concen: 5.930 ug/l

RT: 13.06 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Tgt Ion: 43 Resp: 53306

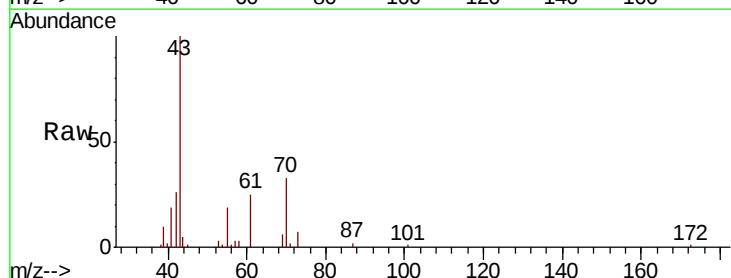
Ion Ratio Lower Upper

43 100

70 33.4 22.6 33.8

55 19.0 16.2 24.2

61 25.3 20.4 30.6



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

13.06

60000

50000

40000

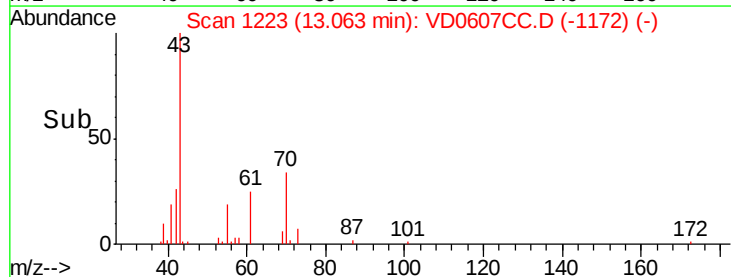
30000

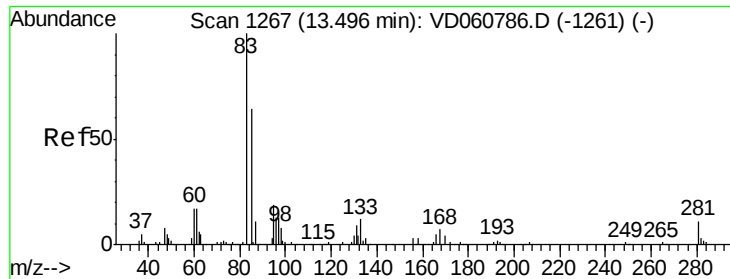
20000

10000

0

Time--> 13.00 13.10 13.20





#75

1,1,2,2-Tetrachloroethane

Concen: 5.826 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

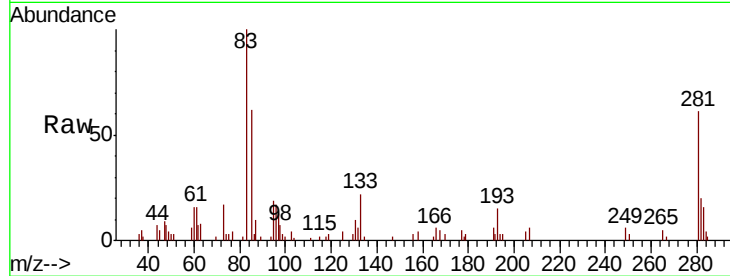
Tgt Ion: 83 Resp: 30718

Ion Ratio Lower Upper

83 100

131 10.3 4.5 13.5

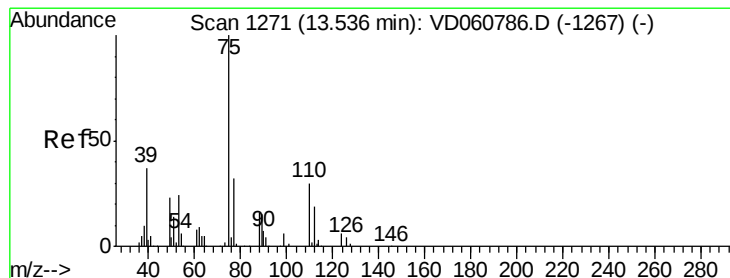
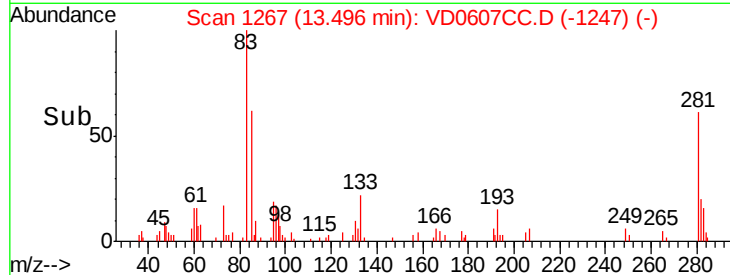
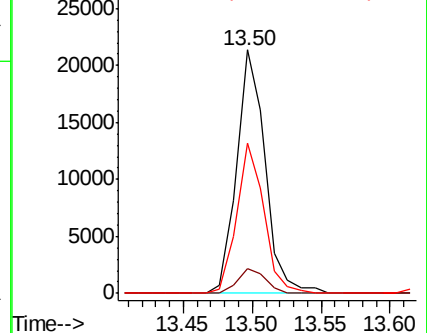
85 61.9 32.2 96.6



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: 5.270 ug/l

RT: 13.54 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD0607CC.D

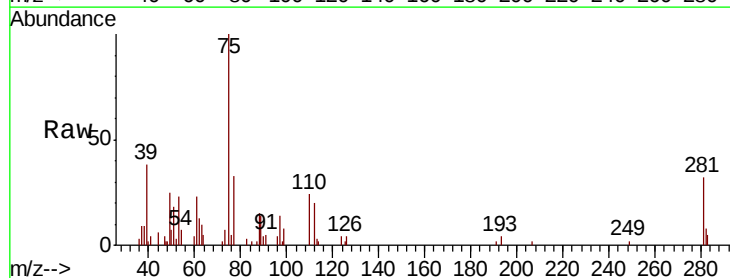
Acq: 23 Jan 2019 15:41

Tgt Ion: 75 Resp: 33775

Ion Ratio Lower Upper

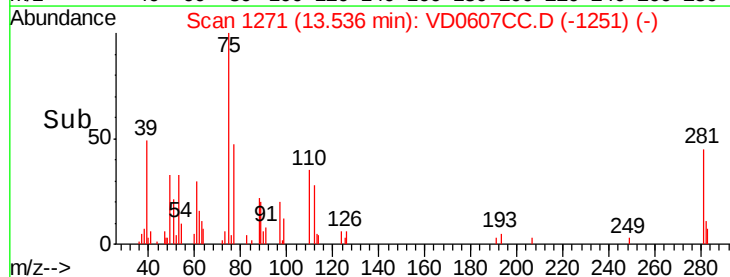
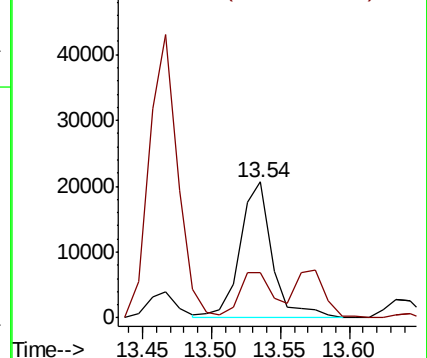
75 100

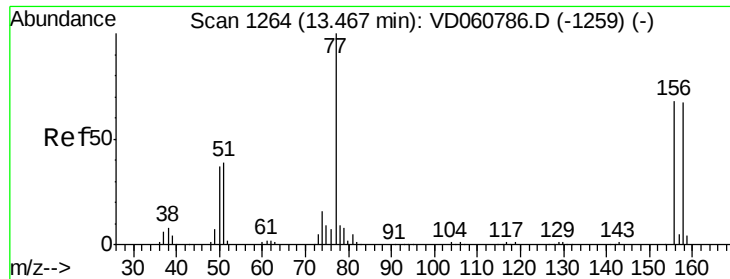
77 33.4 17.5 52.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 5.379 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

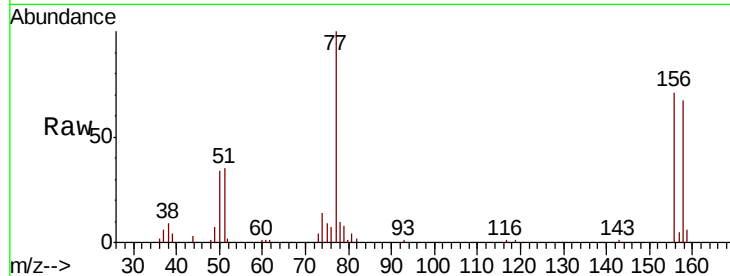
Tgt Ion:156 Resp: 41282

Ion Ratio Lower Upper

156 100

77 140.7 74.0 222.0

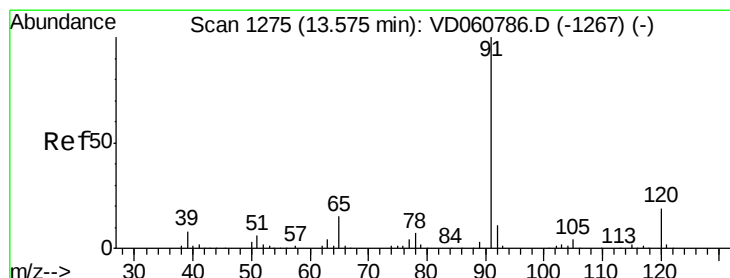
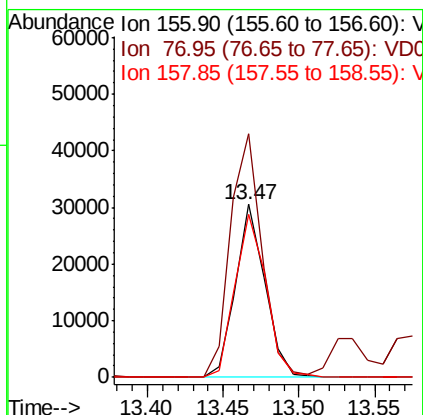
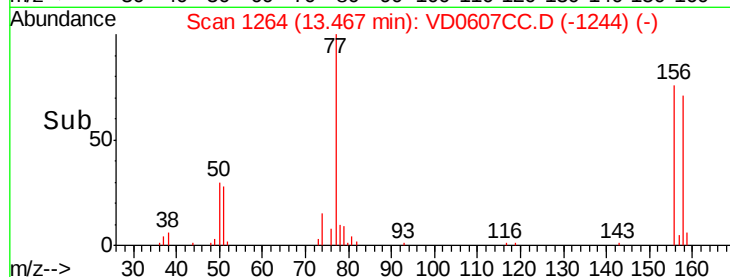
158 94.2 49.8 149.3



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: 6.056 ug/l

RT: 13.57 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VD0607CC.D

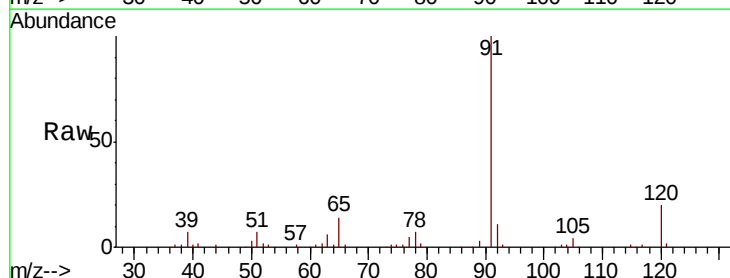
Acq: 23 Jan 2019 15:41

Tgt Ion: 91 Resp: 215368

Ion Ratio Lower Upper

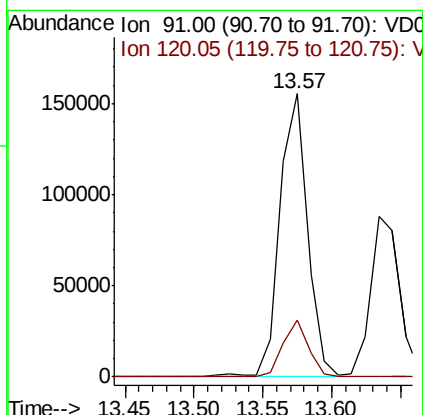
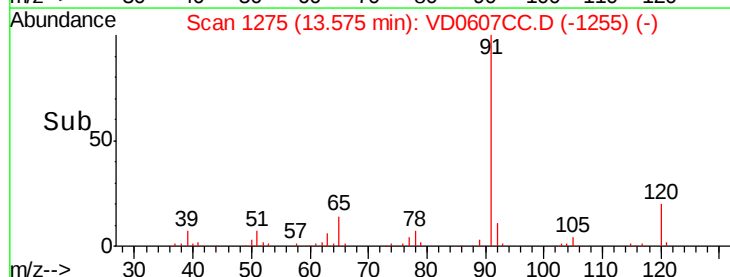
91 100

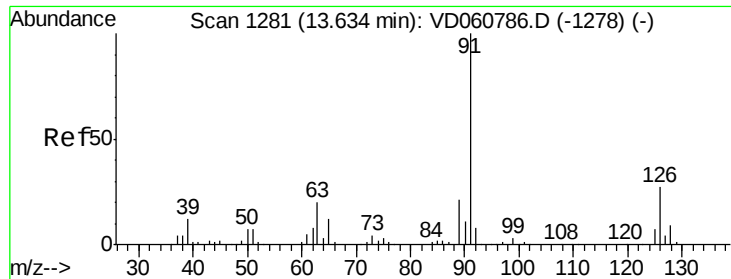
120 20.0 9.7 28.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

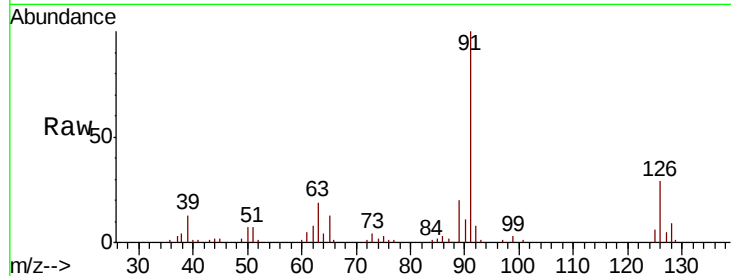




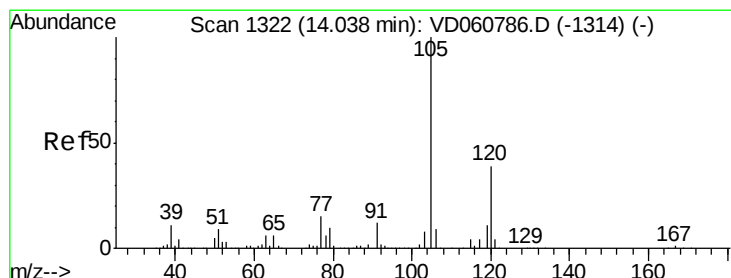
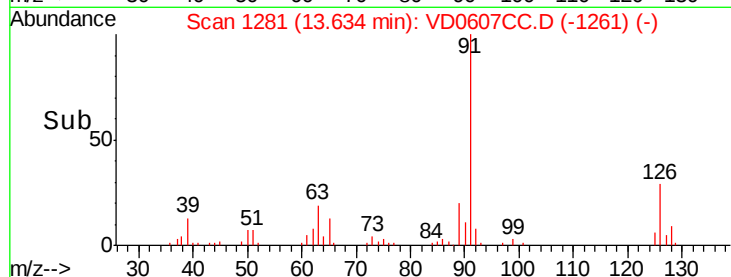
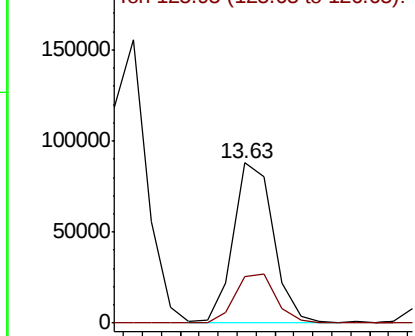
#79
 2-Chlorotoluene
 Concen: 6.214 ug/l
 RT: 13.63 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 128200
 Ion Ratio Lower Upper
 91 100
 126 29.4 13.4 40.1

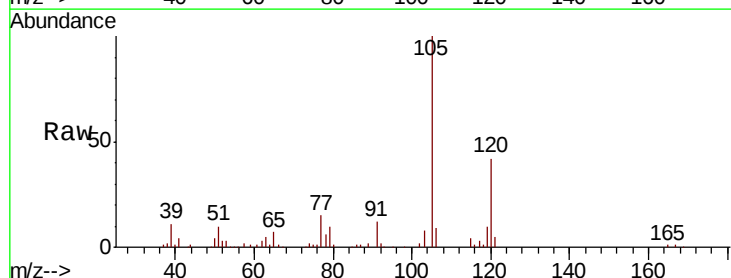


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

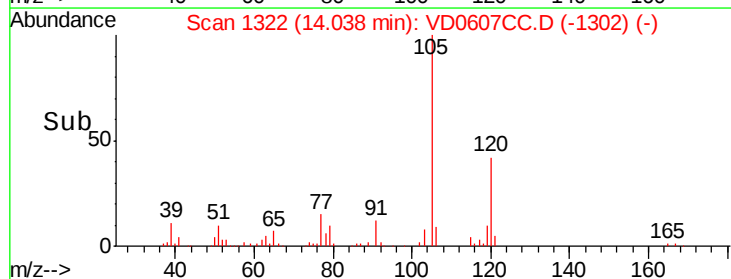
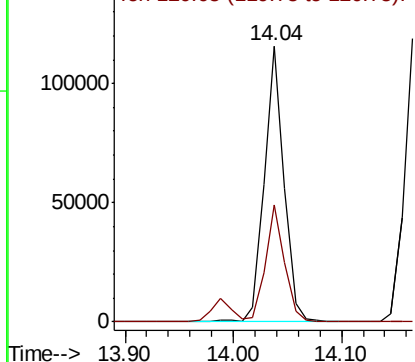


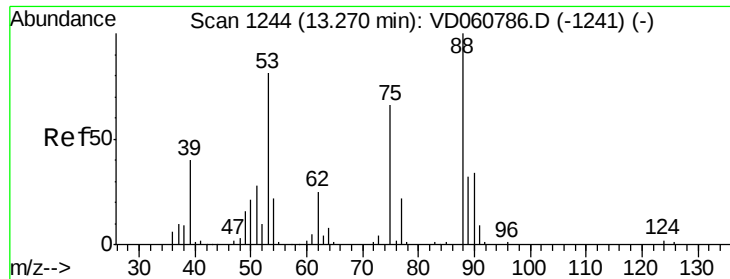
#80
 1,3,5-Trimethylbenzene
 Concen: 5.994 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 105 Resp: 145603
 Ion Ratio Lower Upper
 105 100
 120 42.5 19.5 58.5



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

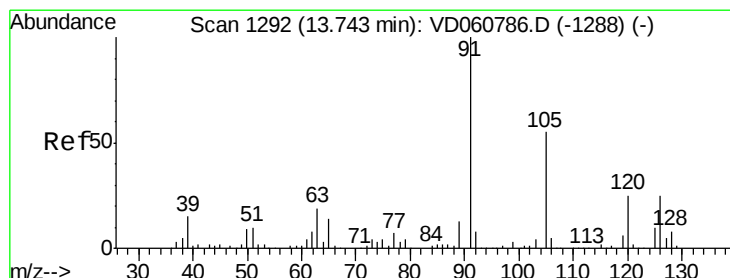
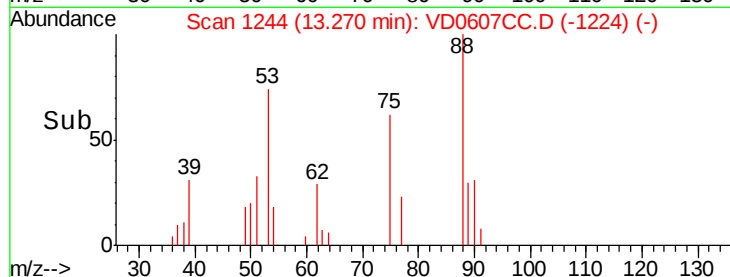
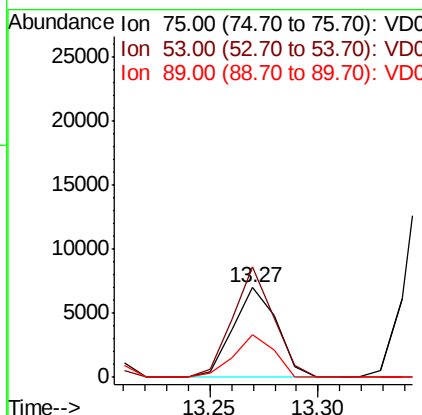
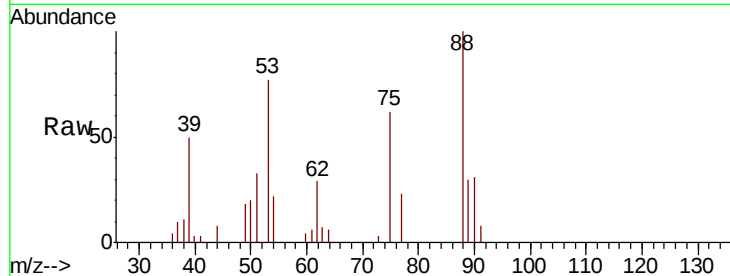




#81
trans-1,4-Dichloro-2-butene
Concen: 5.593 ug/l
RT: 13.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

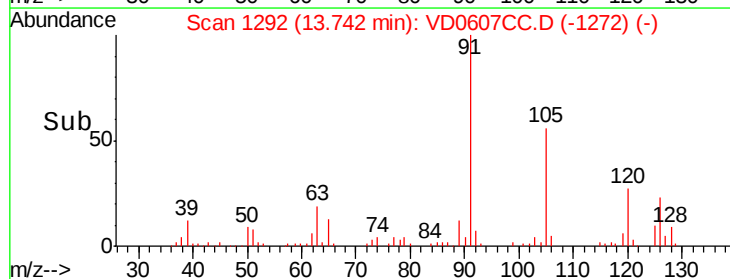
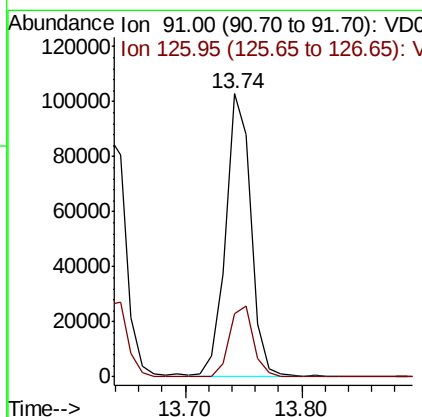
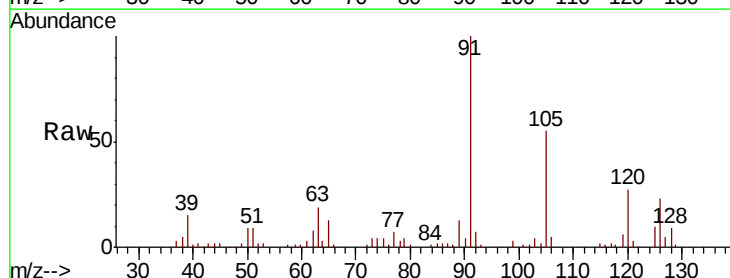
Instrument :
MSVOA_D
ClientSampled :

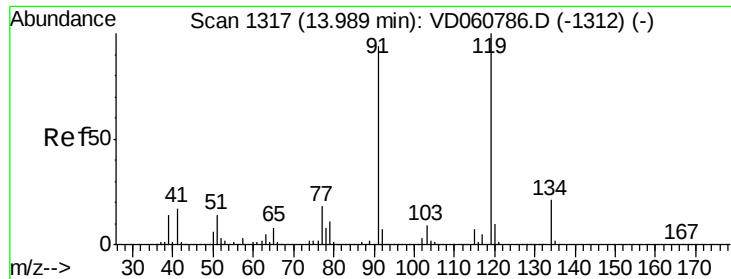
Tgt Ion: 75 Resp: 9899
Ion Ratio Lower Upper
75 100
53 122.6 99.0 148.6
89 47.3 39.5 59.3



#82
4-Chlorotoluene
Concen: 6.464 ug/l
RT: 13.74 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion: 91 Resp: 154431
Ion Ratio Lower Upper
91 100
126 22.5 12.5 37.5

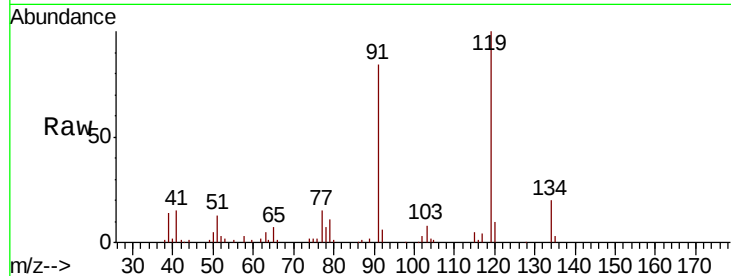




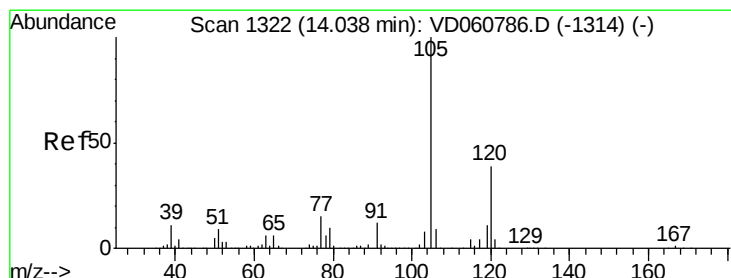
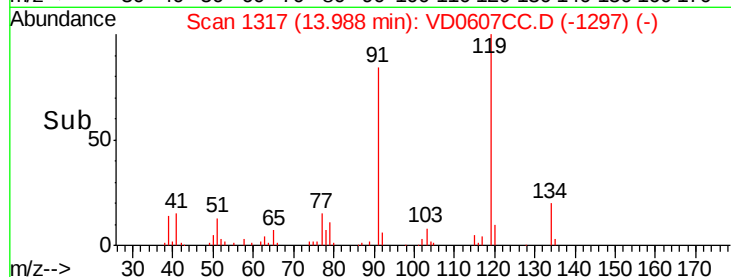
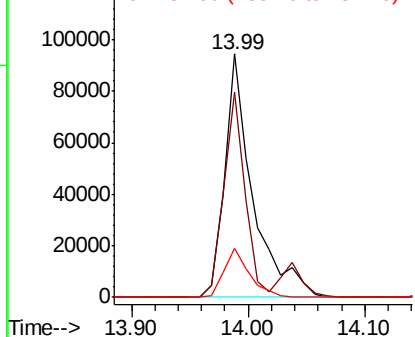
#83
 tert-Butylbenzene
 Concen: 6.265 ug/l
 RT: 13.99 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:119 Resp: 156554
 Ion Ratio Lower Upper
 119 100
 91 84.2 46.9 140.7
 134 20.0 10.3 30.9

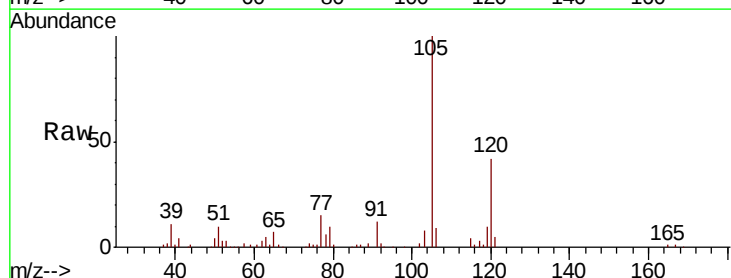


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

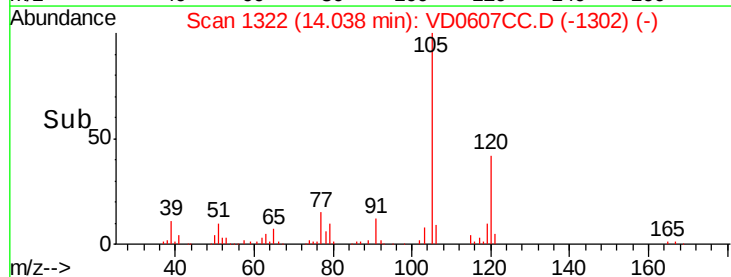
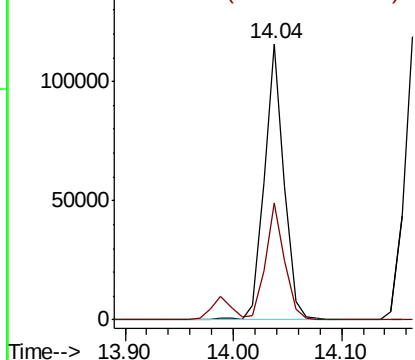


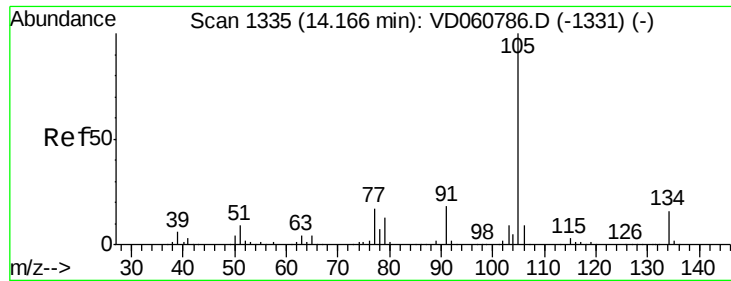
#84
 1,2,4-Trimethylbenzene
 Concen: 5.994 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion:105 Resp: 145603
 Ion Ratio Lower Upper
 105 100
 120 42.5 19.5 58.5



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

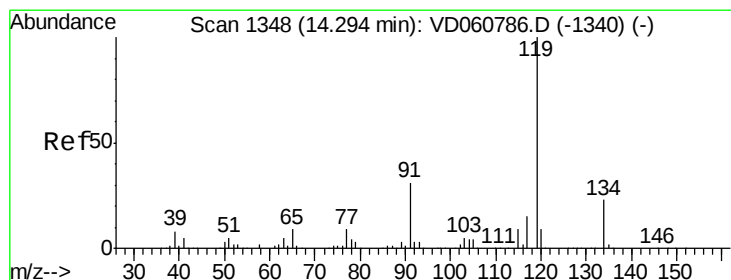
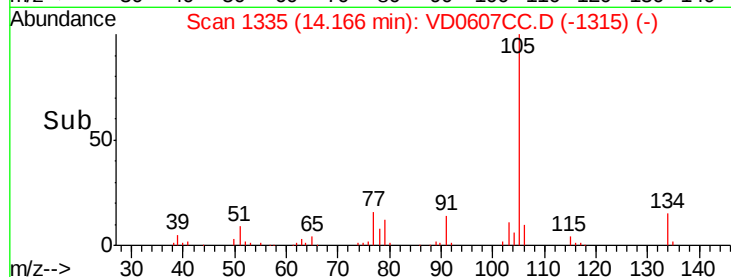
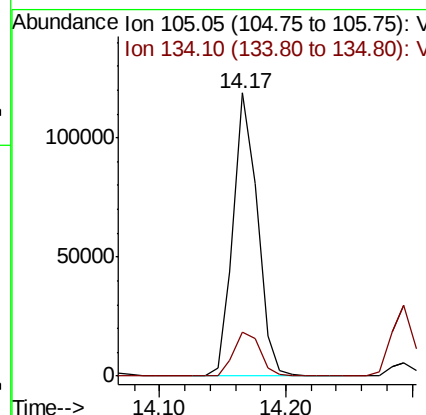
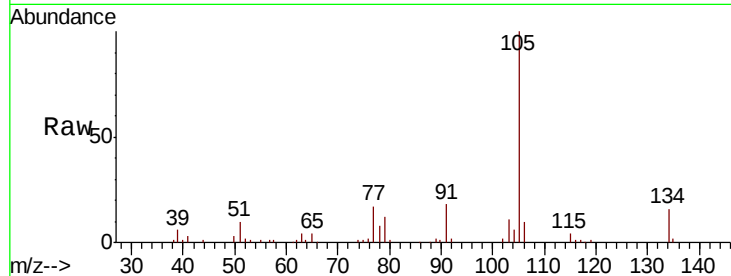




#85
 sec-Butylbenzene
 Concen: 5.190 ug/l
 RT: 14.17 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

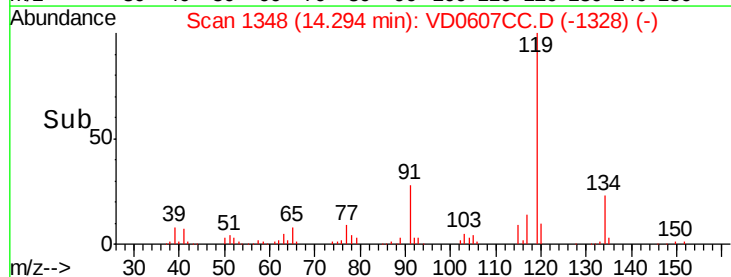
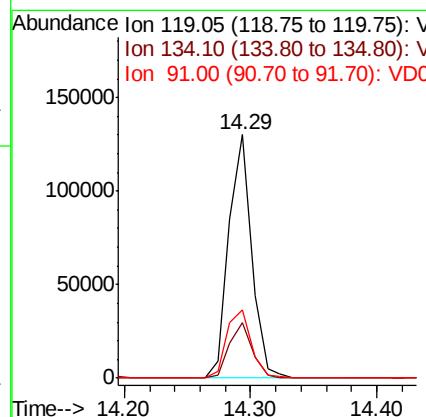
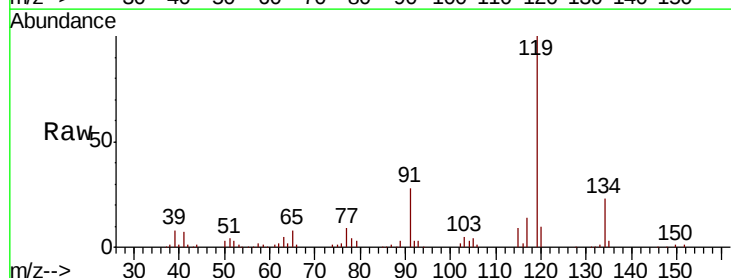
Instrument :
 MSVOA_D
 ClientSampleID :

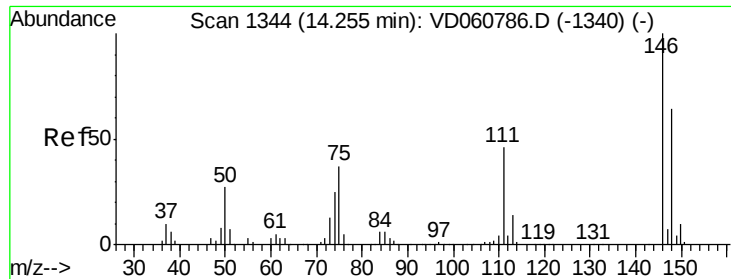
Tgt Ion:105 Resp: 157976
 Ion Ratio Lower Upper
 105 100
 134 15.5 8.1 24.1



#86
 p-Isopropyltoluene
 Concen: 6.535 ug/l
 RT: 14.29 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion:119 Resp: 163652
 Ion Ratio Lower Upper
 119 100
 134 22.9 11.4 34.2
 91 28.1 15.8 47.4

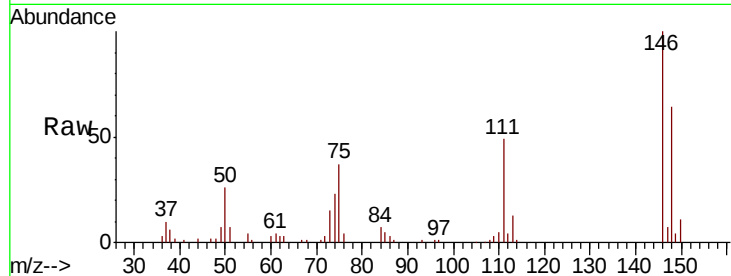




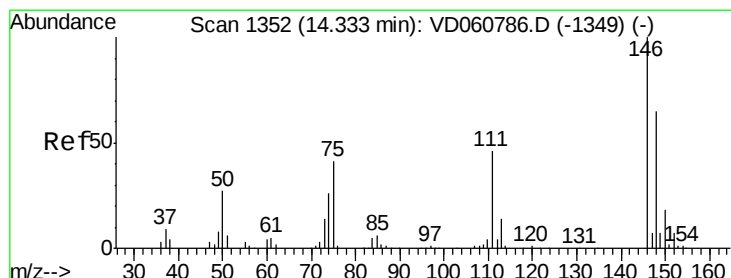
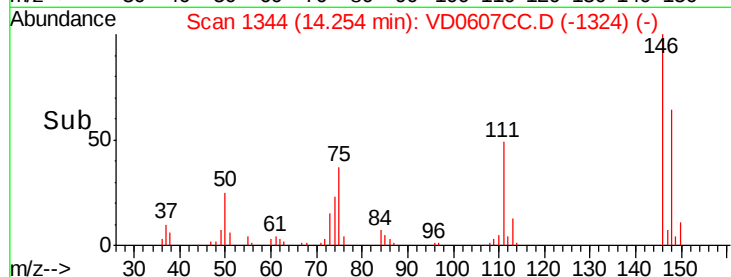
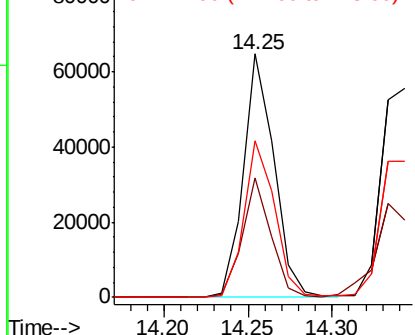
#87
 1,3-Dichlorobenzene
 Concen: 6.422 ug/l
 RT: 14.25 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion:146 Resp: 81920
 Ion Ratio Lower Upper
 146 100
 111 49.3 22.9 68.5
 148 64.2 31.9 95.5

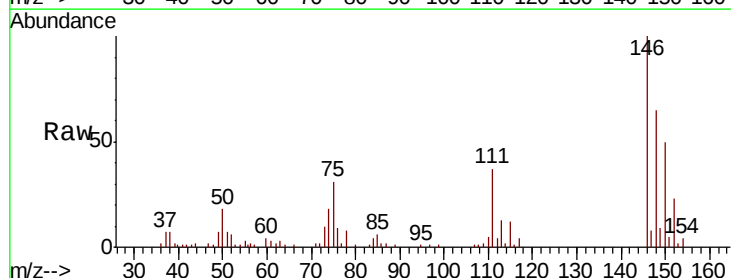


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

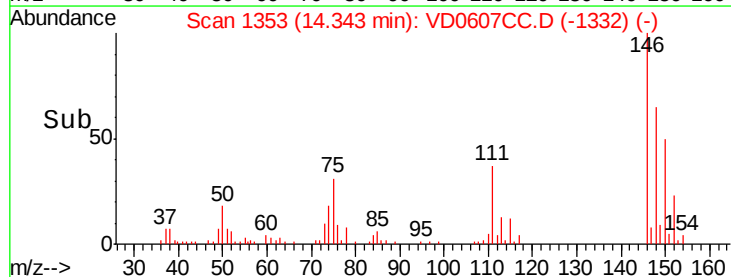
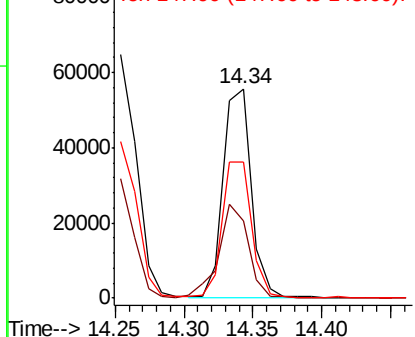


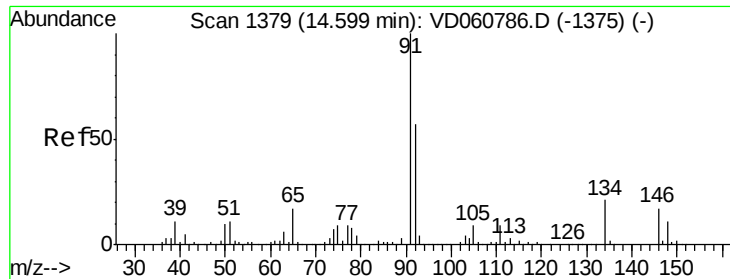
#88
 1,4-Dichlorobenzene
 Concen: 6.053 ug/l
 RT: 14.34 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion:146 Resp: 79030
 Ion Ratio Lower Upper
 146 100
 111 37.2 23.0 69.0
 148 64.8 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





#89

n-Butylbenzene

Concen: 6.803 ug/l

RT: 14.60 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VD0607CC.D

Acq: 23 Jan 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

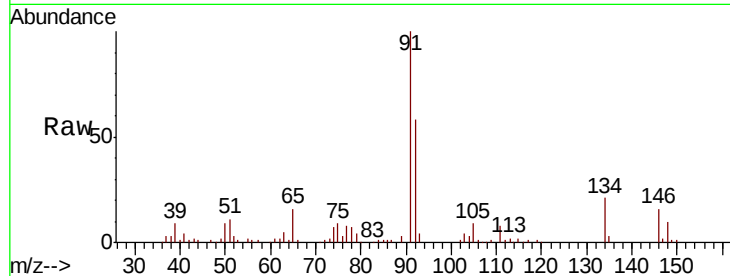
Tgt Ion: 91 Resp: 160172

Ion Ratio Lower Upper

91 100

92 57.7 28.6 85.9

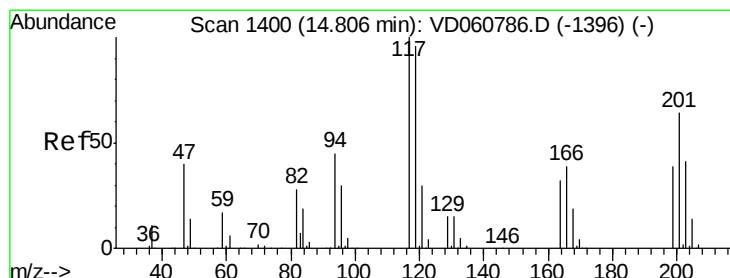
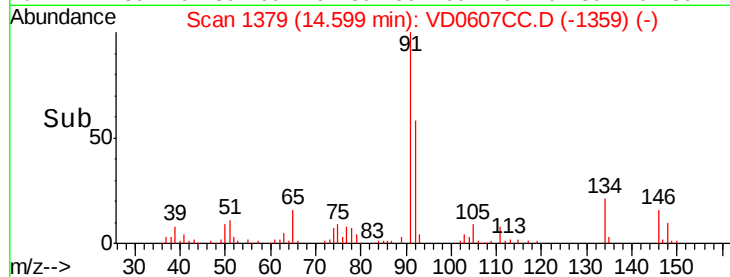
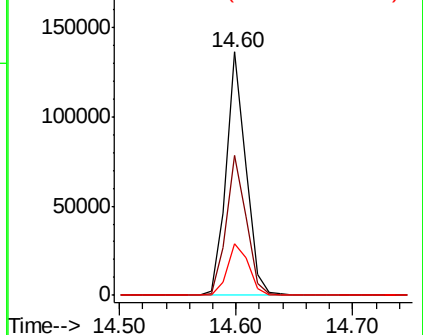
134 21.4 10.4 31.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 5.251 ug/l

RT: 14.81 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VD0607CC.D

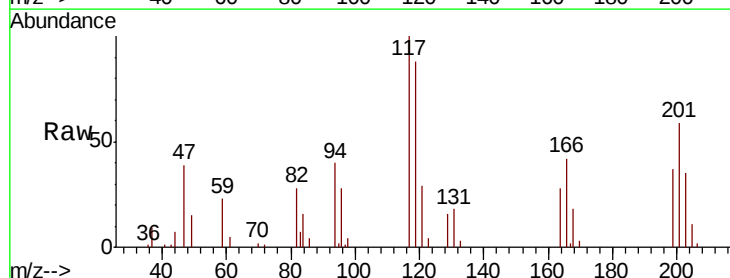
Acq: 23 Jan 2019 15:41

Tgt Ion: 117 Resp: 38640

Ion Ratio Lower Upper

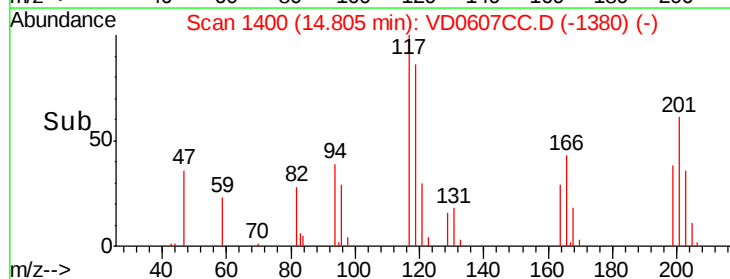
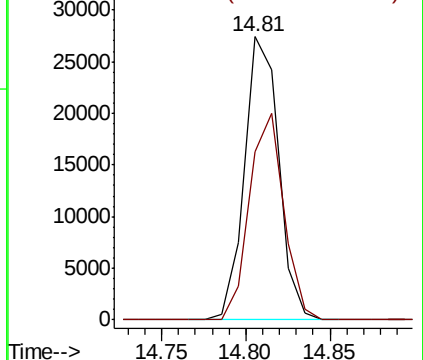
117 100

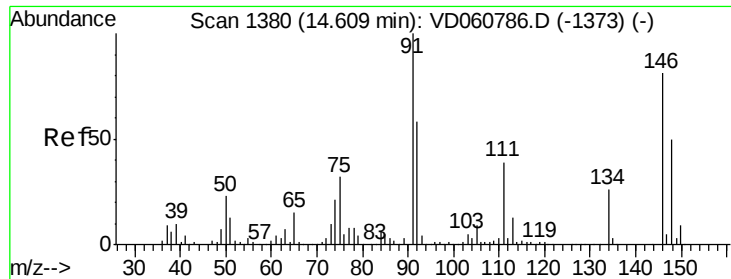
201 59.3 32.1 96.5



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

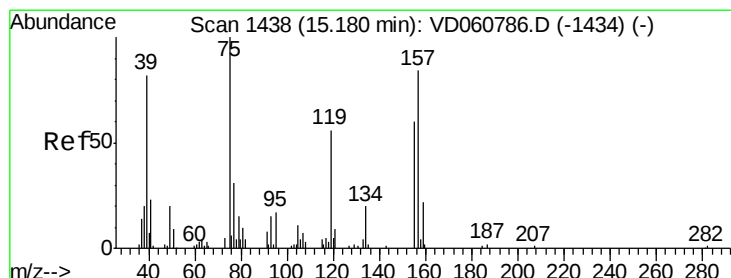
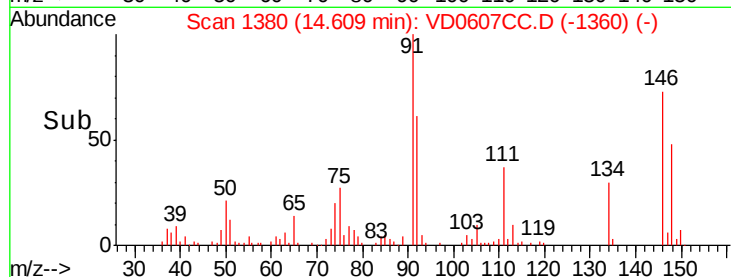
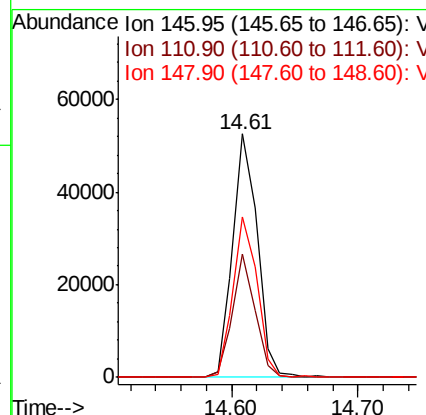
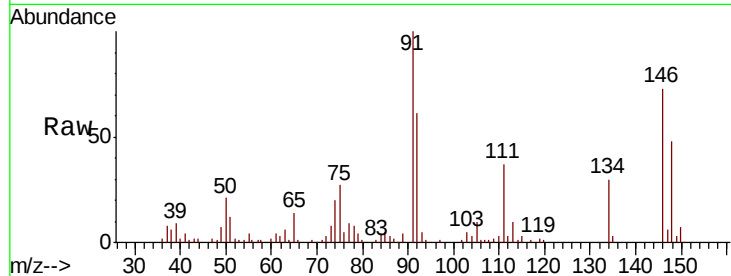




#91
 1,2-Dichlorobenzene
 Concen: 6.705 ug/l
 RT: 14.61 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

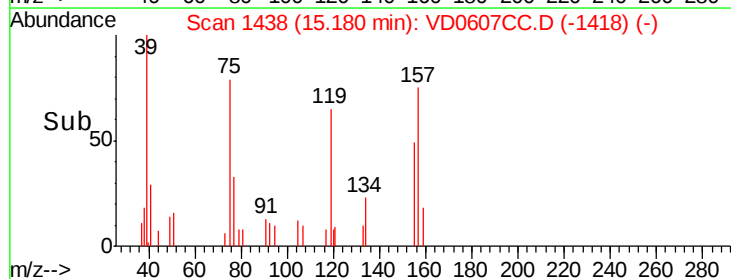
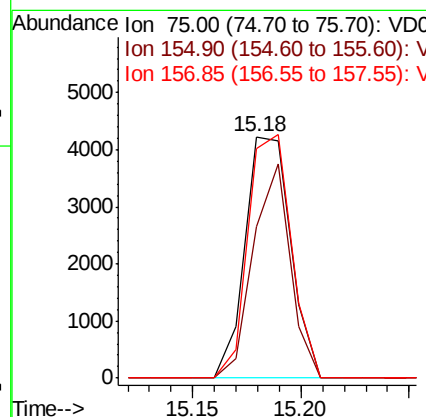
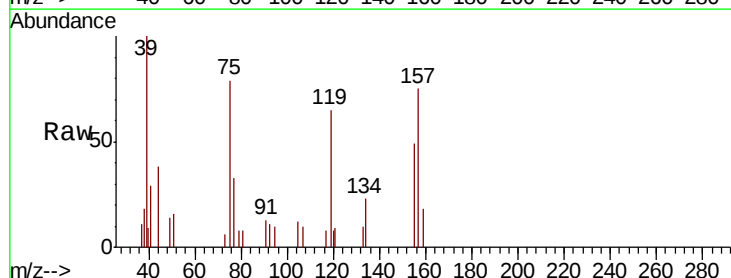
Instrument :
 MSVOA_D
 ClientSampleId :

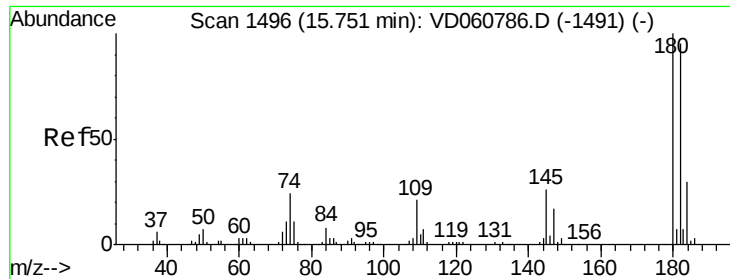
Tgt Ion: 146 Resp: 70705
 Ion Ratio Lower Upper
 146 100
 111 50.8 23.8 71.2
 148 65.7 30.6 92.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.846 ug/l
 RT: 15.18 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion: 75 Resp: 6249
 Ion Ratio Lower Upper
 75 100
 155 62.6 30.0 90.0
 157 95.1 42.1 126.3

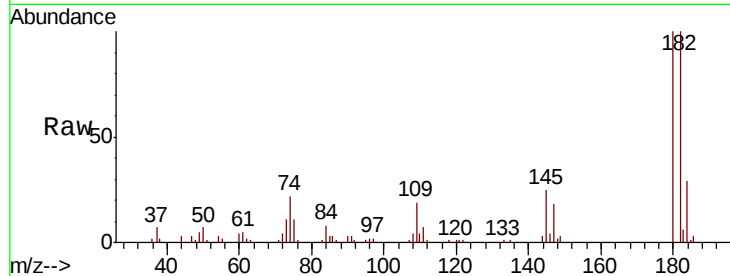




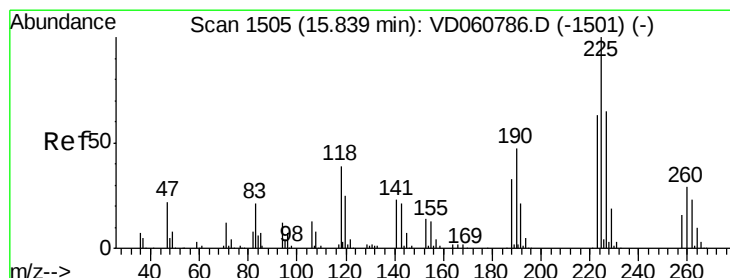
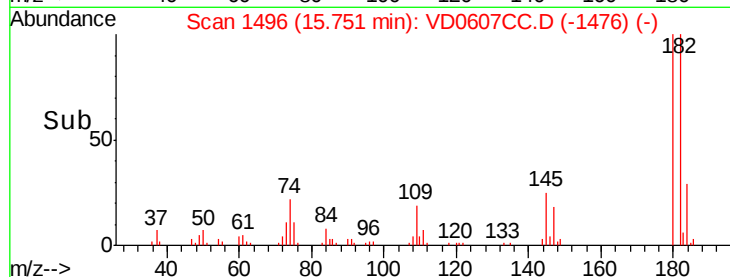
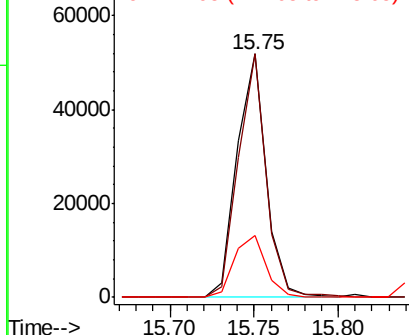
#93
 1,2,4-Trichlorobenzene
 Concen: 6.507 ug/l
 RT: 15.75 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 62402
 Ion Ratio Lower Upper
 180 100
 182 99.9 47.3 142.0
 145 25.3 13.0 39.0

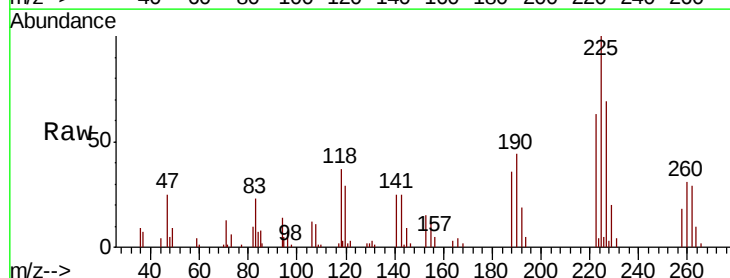


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

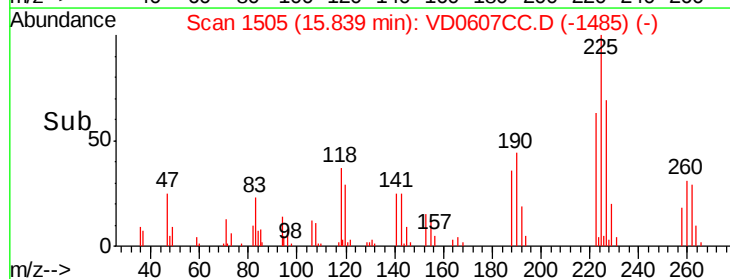
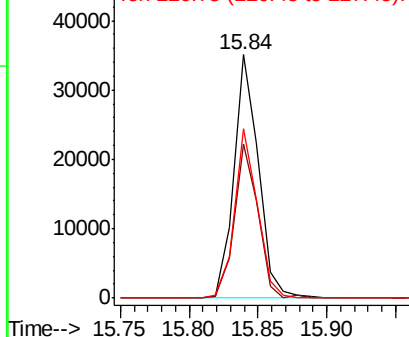


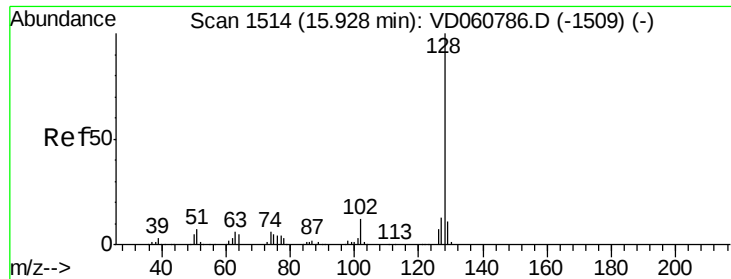
#94
 Hexachlorobutadiene
 Concen: 5.986 ug/l
 RT: 15.84 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: VD0607CC.D
 Acq: 23 Jan 2019 15:41

Tgt Ion:225 Resp: 43373
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.8
 227 69.3 32.6 97.7



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

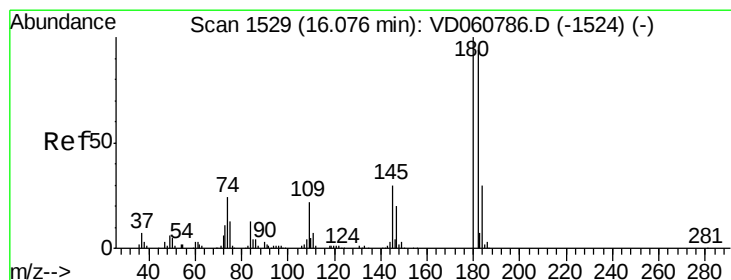
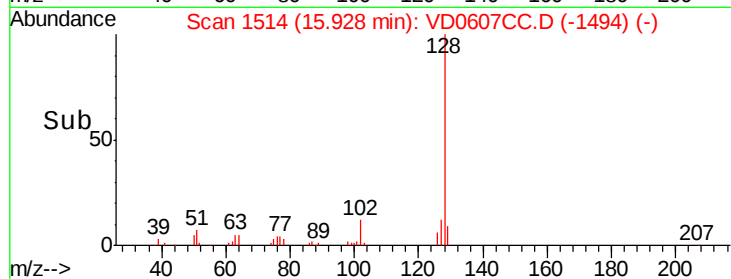
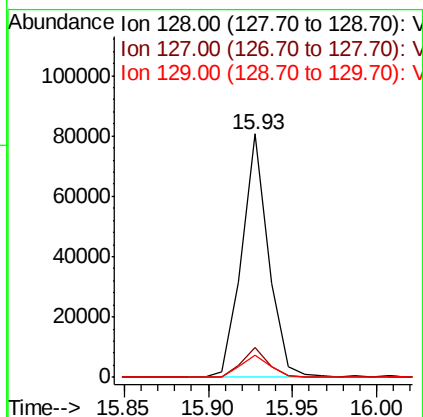
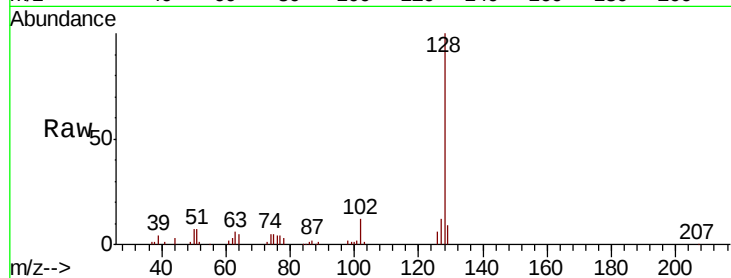




#95
Naphthalene
Concen: 6.072 ug/l
RT: 15.93 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:128 Resp: 88756
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 9.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.898 ug/l
RT: 16.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VD0607CC.D
Acq: 23 Jan 2019 15:41

Tgt Ion:180 Resp: 48406
Ion Ratio Lower Upper
180 100
182 97.0 47.0 141.0
145 28.1 14.9 44.5

