

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061675.D
 Acq On : 9 Apr 2019 15:24
 Operator : VA/AP
 Sample : VD0409SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	605234	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	984055	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	848223	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	349000	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.49	65	217561	47.42	ug/l	0.03
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	6.95	113	326217	47.85	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.44	98	748715	43.71	ug/l	0.03
Spiked Amount	50.000		Recovery	=	87.42%	
62) 4-Bromofluorobenzene	13.57	95	310266	51.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	115617	17.707	ug/l	100
3) Chloromethane	1.77	50	105469	19.989	ug/l	98
4) Vinyl Chloride	1.85	62	97281	19.730	ug/l	98
5) Bromomethane	2.16	94	19251	16.869	ug/l	99
6) Chloroethane	2.27	64	26586	17.216	ug/l	98
7) Trichlorofluoromethane	2.53	101	147941	19.873	ug/l	97
8) Diethyl Ether	2.88	74	39275	18.799	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.16	101	143363	19.588	ug/l	94
10) Methyl Iodide	3.32	142	189228	19.725	ug/l	96
11) Tert butyl alcohol	4.08	59	31394	102.108	ug/l #	87
12) 1,1-Dichloroethene	3.14	96	117496	18.622	ug/l	97
13) Acrolein	3.06	56	34363	91.669	ug/l	93
14) Allyl chloride	3.64	41	176960	20.563	ug/l	98
15) Acrylonitrile	4.22	53	97870	92.472	ug/l	94
16) Acetone	3.23	43	124736	90.955	ug/l	99
17) Carbon Disulfide	3.39	76	384103	18.735	ug/l	97
18) Methyl Acetate	3.66	43	56160	21.766	ug/l	94
19) Methyl tert-butyl Ether	4.26	73	218230	19.976	ug/l	98
20) Methylene Chloride	3.83	84	156691	20.135	ug/l	97
21) trans-1,2-Dichloroethene	4.25	96	128622	18.769	ug/l	95
22) Diisopropyl ether	5.15	45	361146	20.016	ug/l	98
23) Vinyl Acetate	5.08	43	956085	96.036	ug/l	99
24) 1,1-Dichloroethane	5.01	63	202409	18.307	ug/l	99
25) 2-Butanone	6.10	43	147693	93.418	ug/l	98
26) 2,2-Dichloropropane	6.05	77	177323	19.697	ug/l	97
27) cis-1,2-Dichloroethene	6.07	96	141531	19.359	ug/l	92
28) Bromochloromethane	6.47	49	80122	19.645	ug/l	93
29) Tetrahydrofuran	6.48	42	79135	103.689	ug/l	98
30) Chloroform	6.70	83	231960	20.027	ug/l	95
31) Cyclohexane	6.98	56	165699	19.184	ug/l	97
32) 1,1,1-Trichloroethane	6.89	97	196413	19.351	ug/l	100
36) 1,1-Dichloropropene	7.17	75	174472	20.258	ug/l	100
37) Ethyl Acetate	6.21	43	72821	20.759	ug/l #	94
38) Carbon Tetrachloride	7.14	117	200567	19.871	ug/l	99

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 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	169992	19.226	ug/l	95
40) Benzene	7.49	78	427724	20.586	ug/l	99
41) Methacrylonitrile	6.47	41	86473	21.117	ug/l	96
42) 1,2-Dichloroethane	7.60	62	141856	21.710	ug/l	98
43) Isopropyl Acetate	9.27	43	103161	20.263	ug/l #	99
44) Trichloroethene	8.57	130	166585	20.914	ug/l	98
45) 1,2-Dichloropropane	8.96	63	111053	21.553	ug/l	99
46) Dibromomethane	9.09	93	75731	20.565	ug/l	99
47) Bromodichloromethane	9.40	83	169280	20.930	ug/l	96
48) Methyl methacrylate	9.15	41	60691	20.681	ug/l	96
49) 1,4-Dioxane	9.11	88	13497	416.675	ug/l	98
51) 4-Methyl-2-Pentanone	10.33	43	302952	100.622	ug/l	97
52) Toluene	10.54	92	259490	20.001	ug/l	98
53) t-1,3-Dichloropropene	10.94	75	162235	22.883	ug/l	99
54) cis-1,3-Dichloropropene	10.06	75	182797	20.916	ug/l	96
55) 1,1,2-Trichloroethane	11.22	97	86753	19.826	ug/l	94
56) Ethyl methacrylate	11.07	69	105718	22.902	ug/l	98
57) 1,3-Dichloropropane	11.43	76	142847	22.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.88	63	228862	105.074	ug/l	100
59) 2-Hexanone	11.55	43	238261	101.968	ug/l	97
60) Dibromochloromethane	11.71	129	145501	21.046	ug/l	99
61) 1,2-Dibromoethane	11.83	107	107348	20.977	ug/l	96
64) Tetrachloroethene	11.29	164	133702	20.306	ug/l	94
65) Chlorobenzene	12.42	112	325576	19.355	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.54	131	141706	21.892	ug/l	93
67) Ethyl Benzene	12.55	91	538573	21.026	ug/l	98
68) m/p-Xylenes	12.68	106	418440	42.373	ug/l	96
69) o-Xylene	13.07	106	182568	19.152	ug/l	93
70) Styrene	13.09	104	330335	20.291	ug/l	98
71) Bromoform	13.25	173	76769	19.115	ug/l	98
73) Isopropylbenzene	13.42	105	490339	21.086	ug/l	98
74) N-amyl acetate	13.28	43	137062	21.693	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.72	83	100608	20.924	ug/l	94
76) 1,2,3-Trichloropropane	13.75	75	100059	21.073	ug/l	93
77) Bromobenzene	13.69	156	155499	23.037	ug/l	86
78) n-propylbenzene	13.79	91	637928	22.933	ug/l	100
79) 2-Chlorotoluene	13.85	91	365410	22.971	ug/l	95
80) 1,3,5-Trimethylbenzene	13.95	105	433376	23.480	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.49	75	29835	20.707	ug/l	98
82) 4-Chlorotoluene	13.96	91	418545	24.012	ug/l	98
83) tert-Butylbenzene	14.21	119	500013	22.469	ug/l	93
84) 1,2,4-Trimethylbenzene	14.25	105	384914	20.663	ug/l	99
85) sec-Butylbenzene	14.39	105	534015	22.210	ug/l	94
86) p-Isopropyltoluene	14.50	119	462128	22.156	ug/l	99
87) 1,3-Dichlorobenzene	14.47	146	264198	22.743	ug/l	96
88) 1,4-Dichlorobenzene	14.55	146	249118	21.254	ug/l	98
89) n-Butylbenzene	14.81	91	434240	23.952	ug/l	99
90) Hexachloroethane	15.03	117	122781	21.694	ug/l	76
91) 1,2-Dichlorobenzene	14.82	146	230708	24.097	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	11539	19.887	ug/l	80

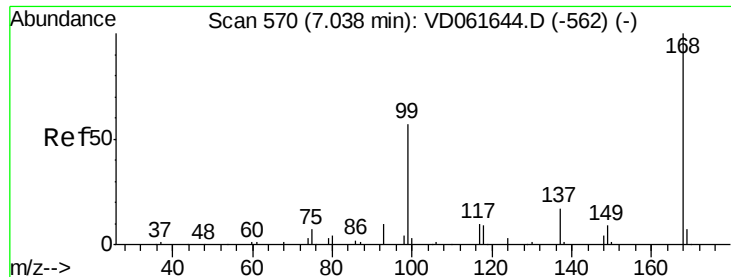
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061675.D
Acq On : 9 Apr 2019 15:24
Operator : VA/AP
Sample : VD0409SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
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Instrument :
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ClientSampleId :

Quant Time: Apr 10 00:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	131764	27.013	ug/l	98
94) Hexachlorobutadiene	16.05	225	94132	24.993	ug/l	99
95) Naphthalene	16.14	128	182284	23.618	ug/l	98
96) 1,2,3-Trichlorobenzene	16.29	180	68634	28.194	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

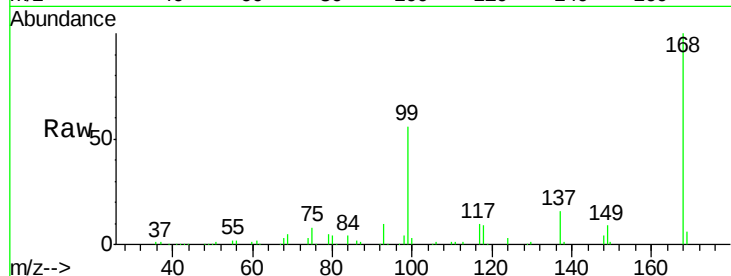
ClientSampleId :

Tot Ion:168 Resp: 605234

Ion Ratio Lower Upper

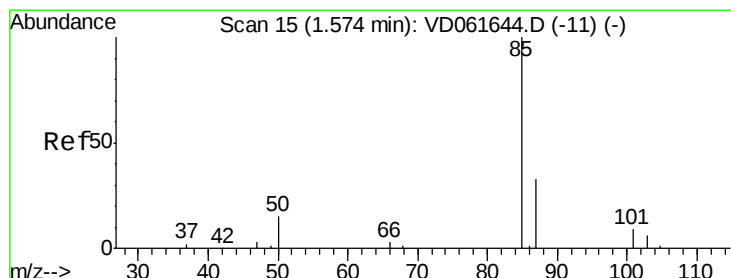
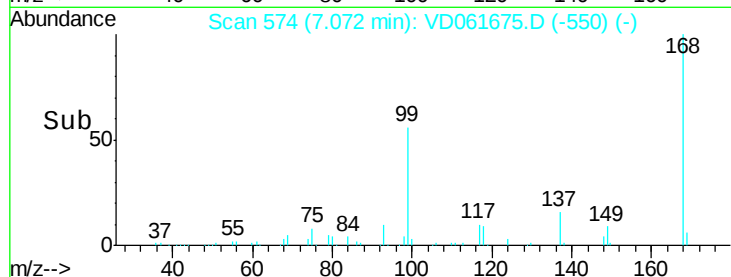
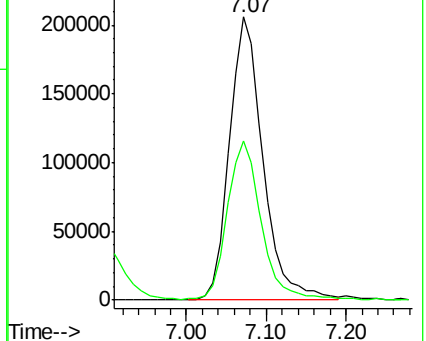
168 100

99 56.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 17.707 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD061675.D

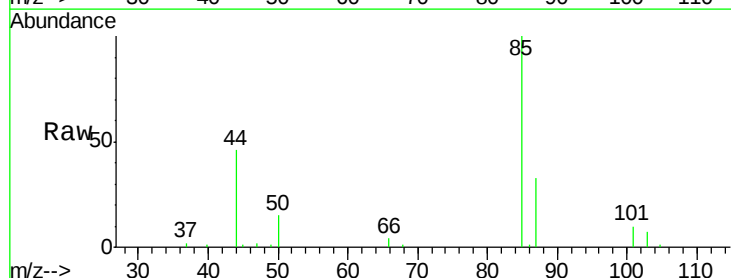
Acq: 9 Apr 2019 15:24

Tgt Ion: 85 Resp: 115617

Ion Ratio Lower Upper

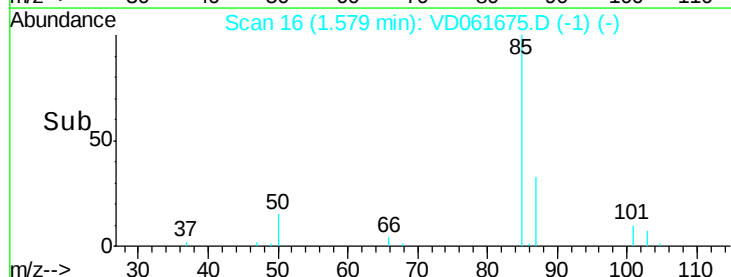
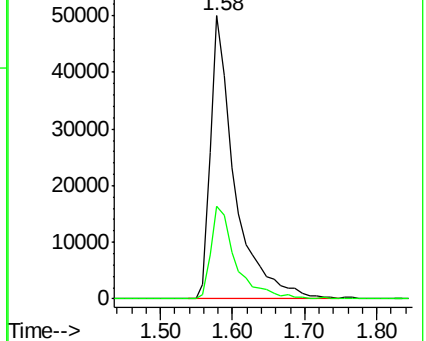
85 100

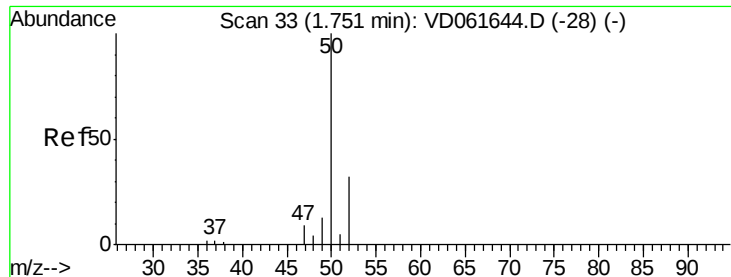
87 33.0 16.6 49.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.989 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.01 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

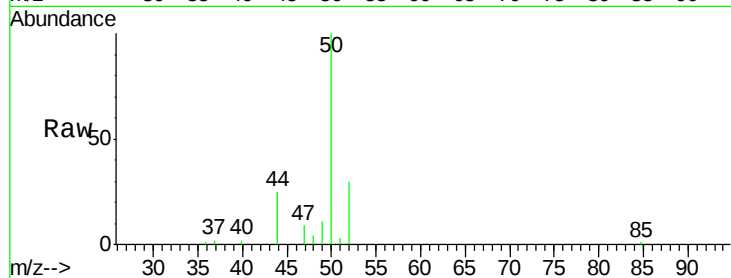
ClientSampleId :

Tot Ion: 50 Resp: 105469

Ion Ratio Lower Upper

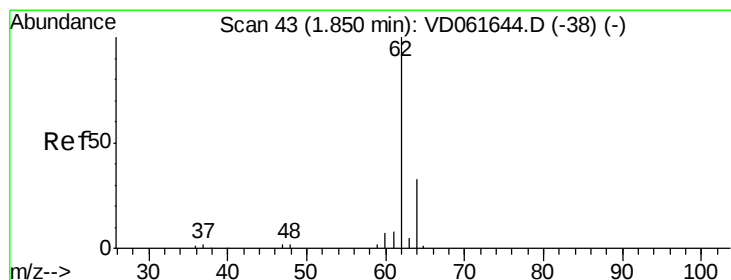
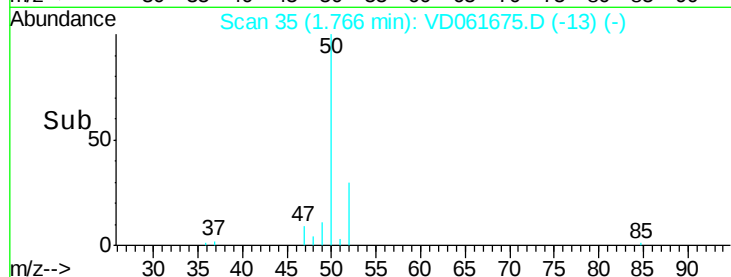
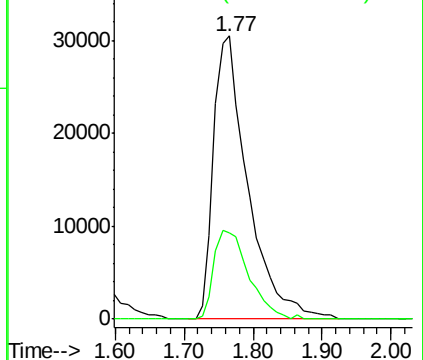
50 100

52 30.5 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.730 ug/l

RT: 1.85 min Scan# 44

Delta R.T. 0.00 min

Lab File: VD061675.D

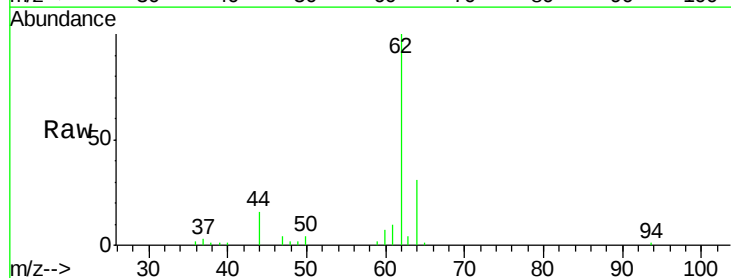
Acq: 9 Apr 2019 15:24

Tgt Ion: 62 Resp: 97281

Ion Ratio Lower Upper

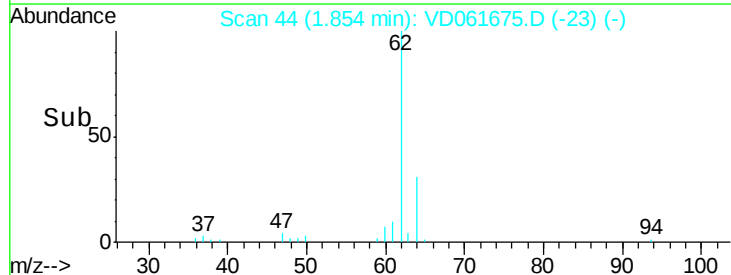
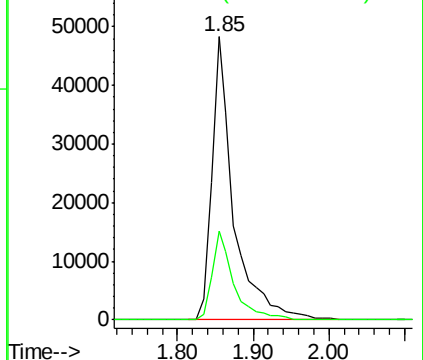
62 100

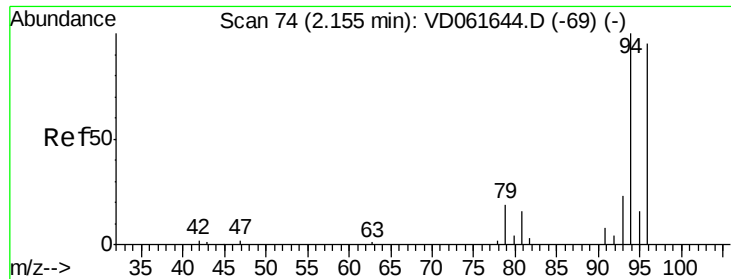
64 31.3 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.869 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.00 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

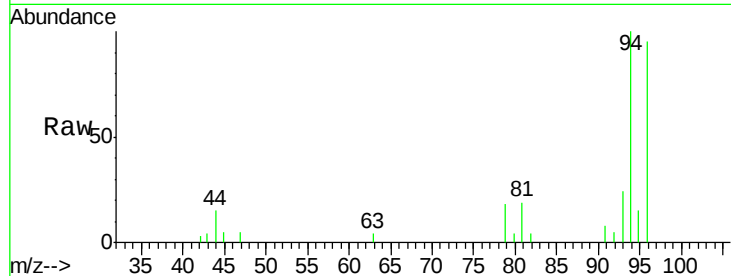
Tot Ion: 94 Resp: 19251

Ion Ratio Lower Upper

94 100

96 95.1 75.8 113.8

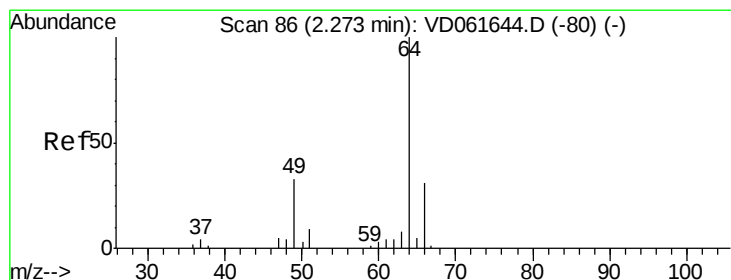
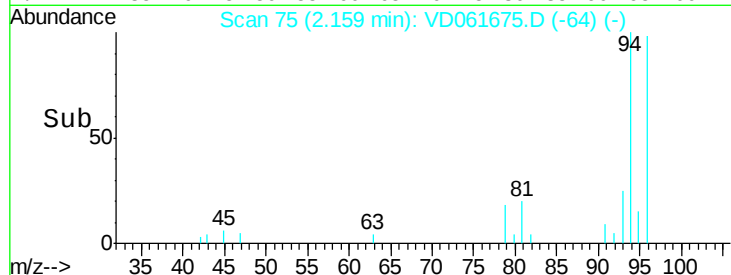
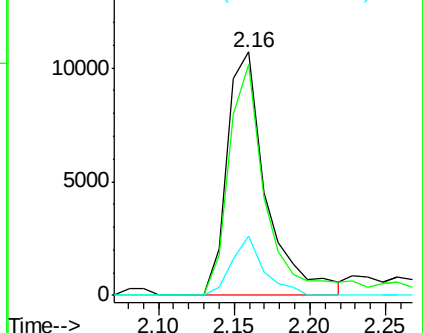
93 24.2 18.6 28.0



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 17.216 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD061675.D

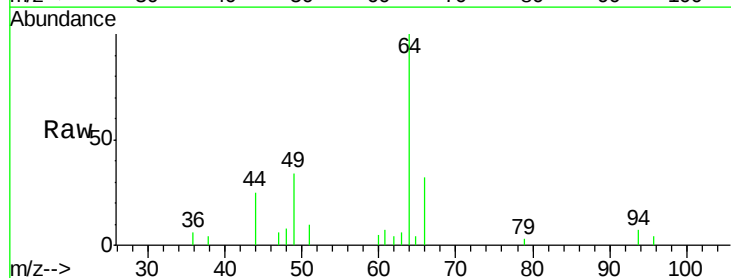
Acq: 9 Apr 2019 15:24

Tgt Ion: 64 Resp: 26586

Ion Ratio Lower Upper

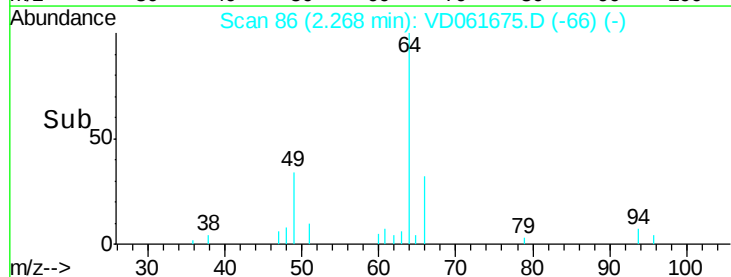
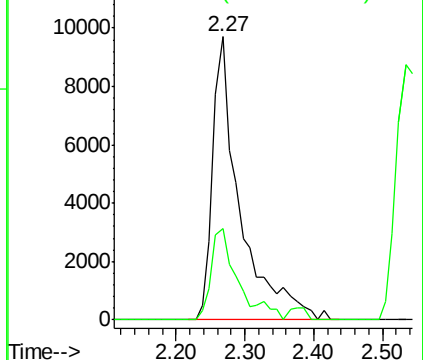
64 100

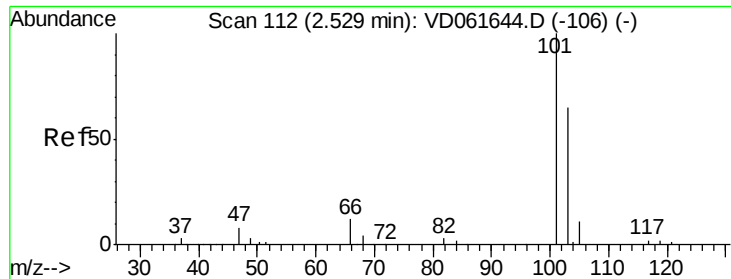
66 32.3 24.9 37.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



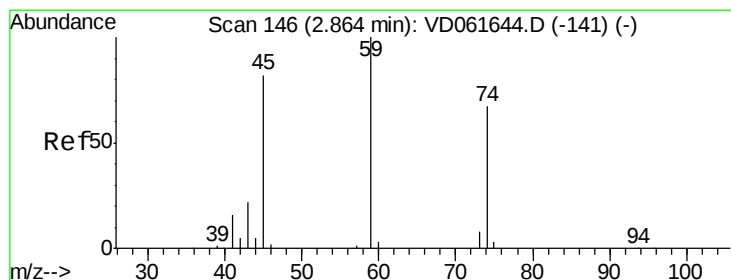
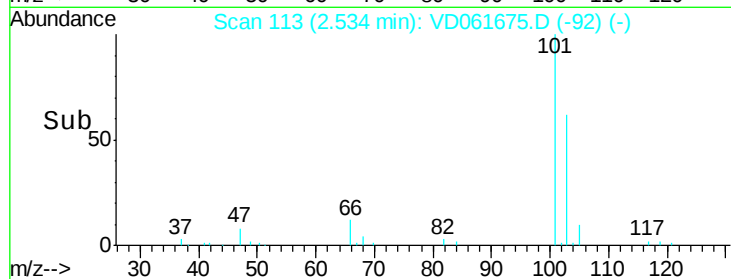
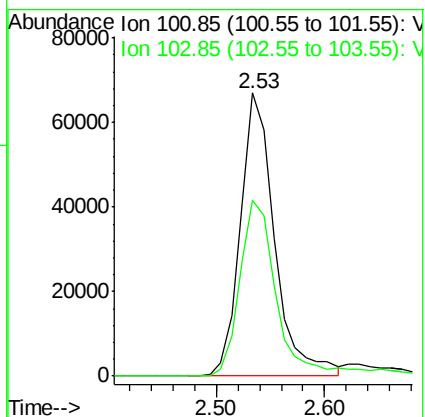
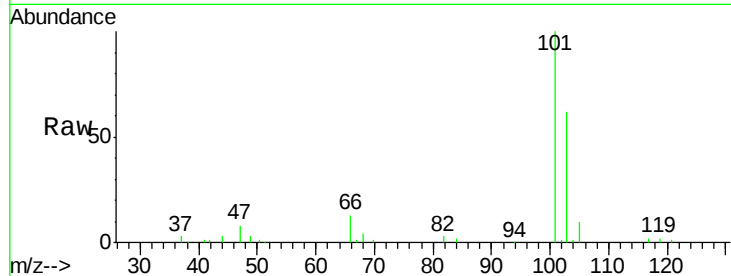


#7

Trichlorofluoromethane
Concen: 19.873 ug/l
RT: 2.53 min Scan# 113
Delta R.T. 0.00 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

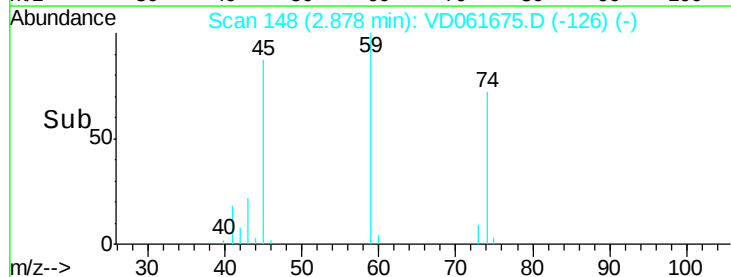
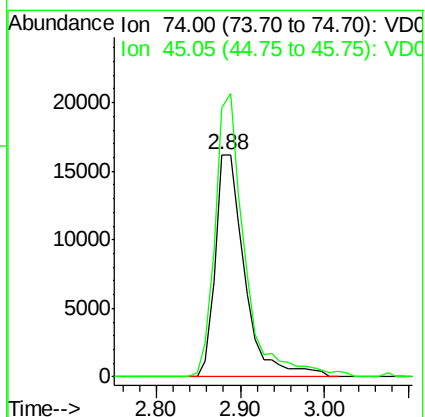
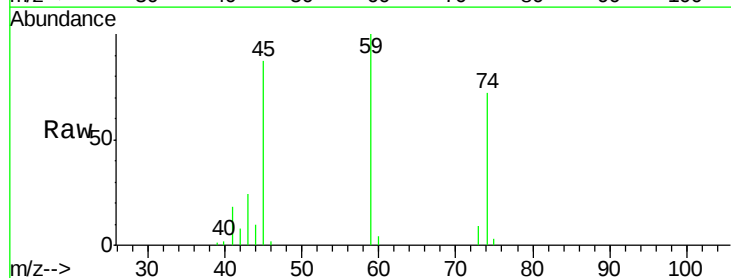
Tot Ion:101 Resp: 147941
Ion Ratio Lower Upper
101 100
103 62.3 52.0 78.0

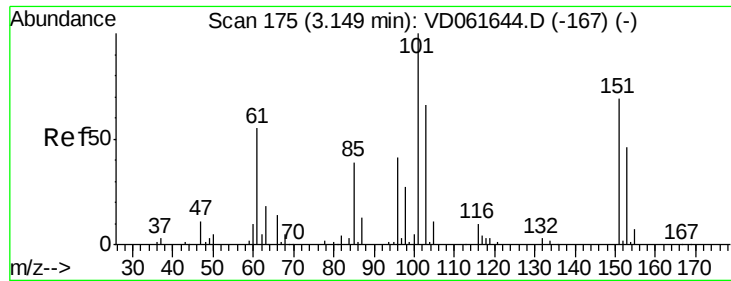


#8

Diethyl Ether
Concen: 18.799 ug/l
RT: 2.88 min Scan# 148
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 74 Resp: 39275
Ion Ratio Lower Upper
74 100
45 121.1 61.0 183.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.588 ug/l

RT: 3.16 min Scan# 177

Delta R.T. 0.01 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

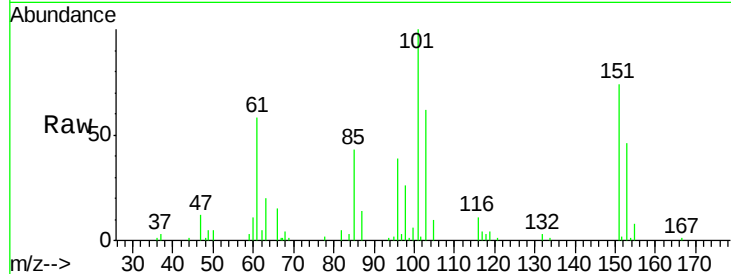
Tot Ion:101 Resp: 143363

Ion Ratio Lower Upper

101 100

85 42.7 31.0 46.6

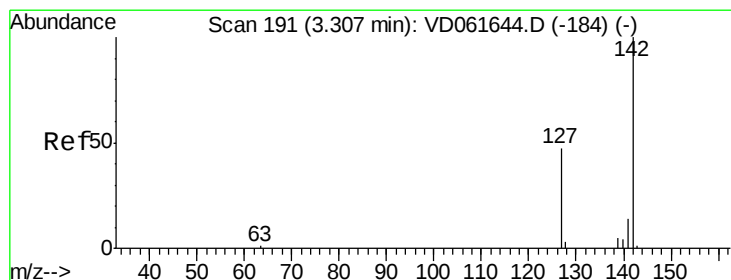
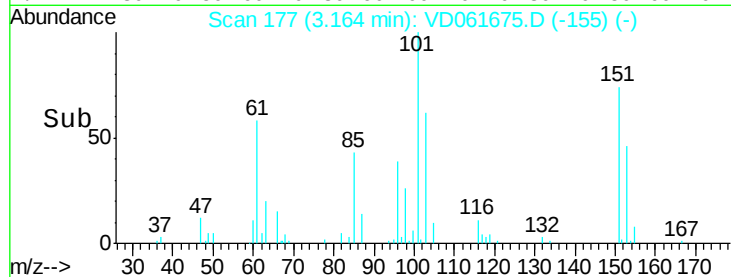
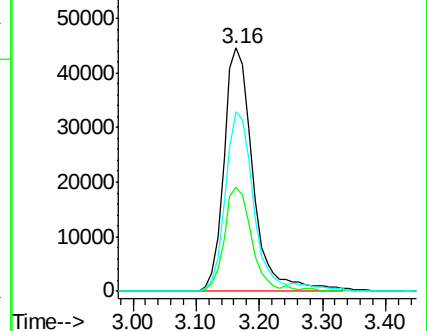
151 74.0 55.3 82.9



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: 19.725 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

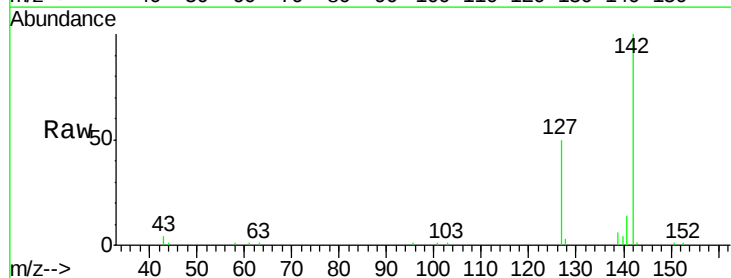
Tgt Ion:142 Resp: 189228

Ion Ratio Lower Upper

142 100

127 50.0 37.2 55.8

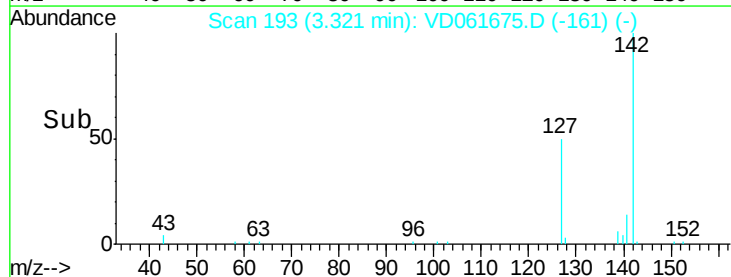
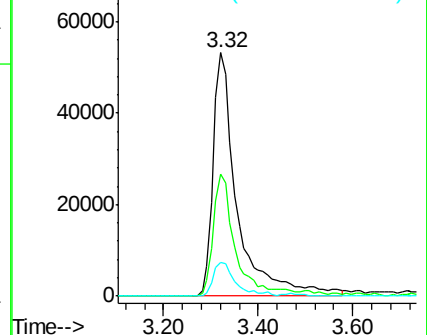
141 13.9 10.8 16.2

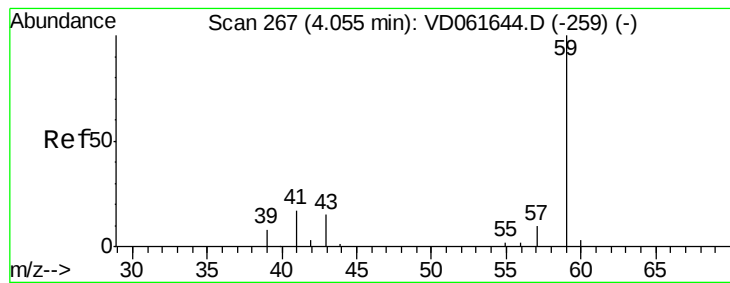


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



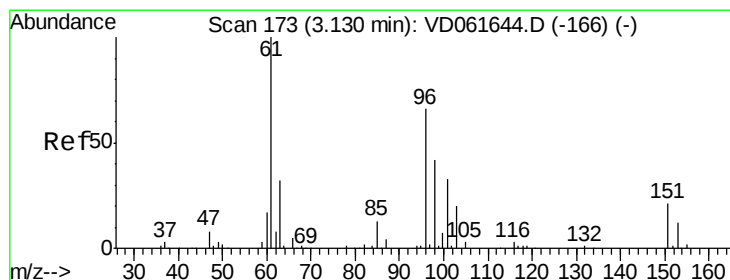
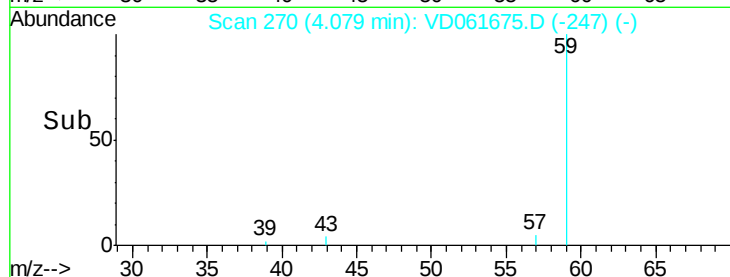
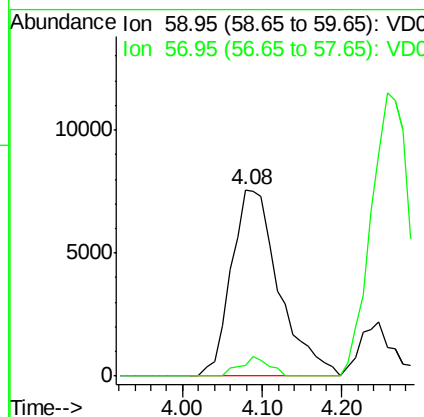
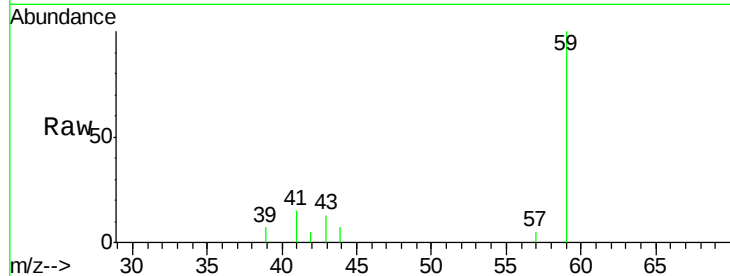


#11

Tert butyl alcohol
 Concen: 102.108 ug/l
 RT: 4.08 min Scan# 270
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Instrument :
 MSVOA_D
 ClientSampled :

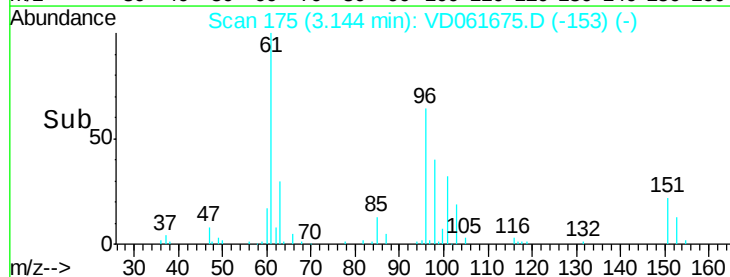
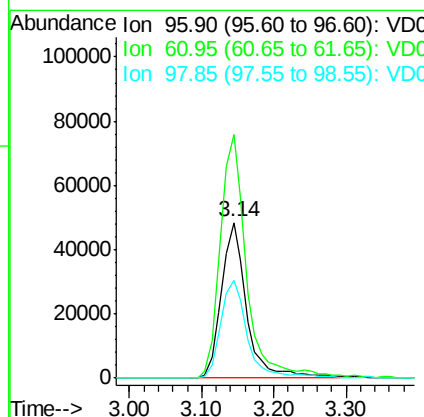
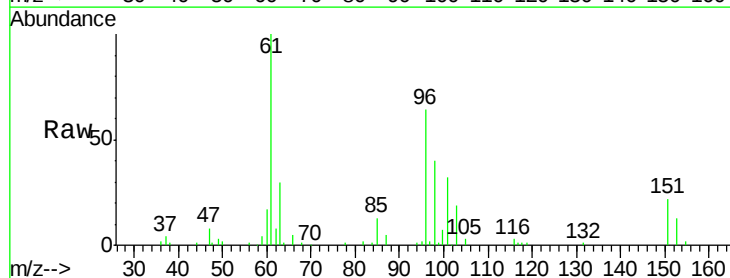
Tot Ion: 59 Resp: 31394
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.4 12.6#

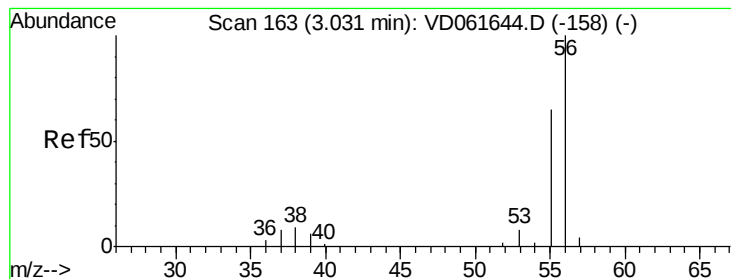


#12

1,1-Dichloroethene
 Concen: 18.622 ug/l
 RT: 3.14 min Scan# 175
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion: 96 Resp: 117496
 Ion Ratio Lower Upper
 96 100
 61 156.7 121.3 181.9
 98 62.9 50.6 76.0





#13

Acrolein

Concen: 91.669 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

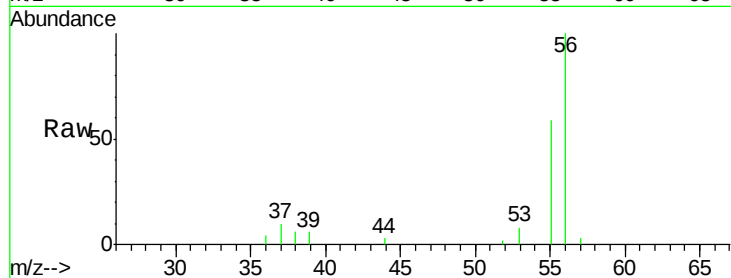
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 34363

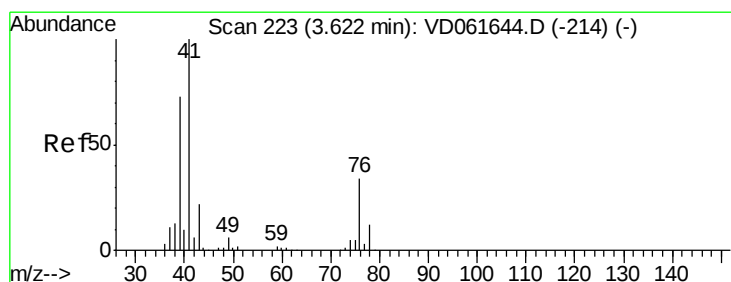
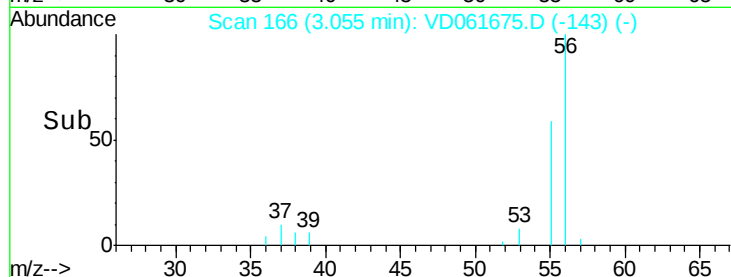
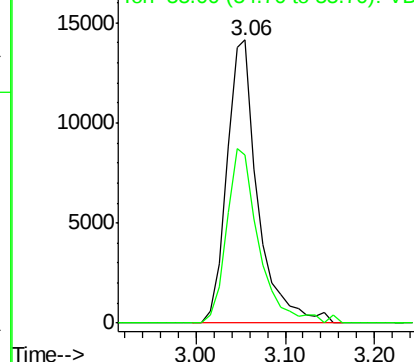
Ion Ratio Lower Upper

56 100

55 59.4 51.8 77.6



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.563 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

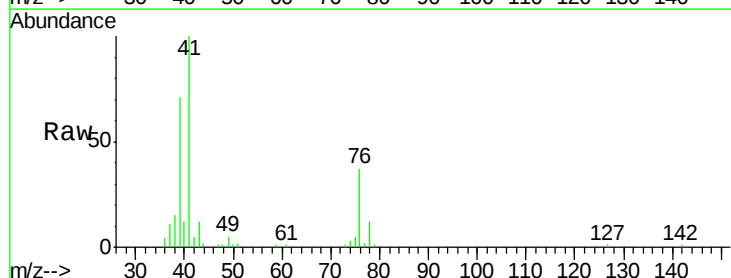
Tgt Ion: 41 Resp: 176960

Ion Ratio Lower Upper

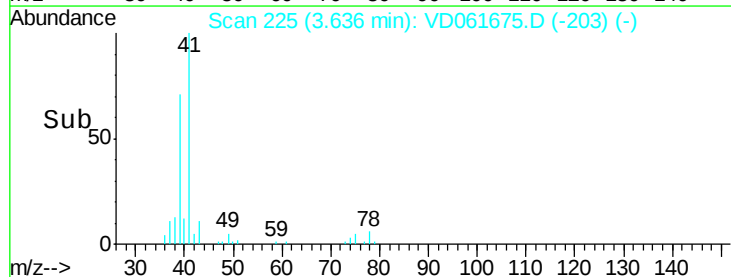
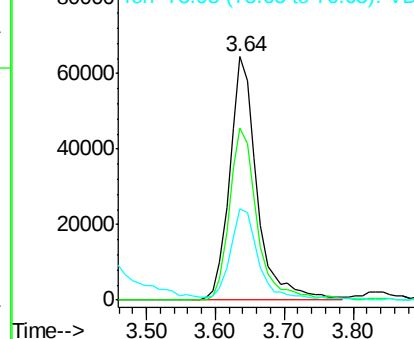
41 100

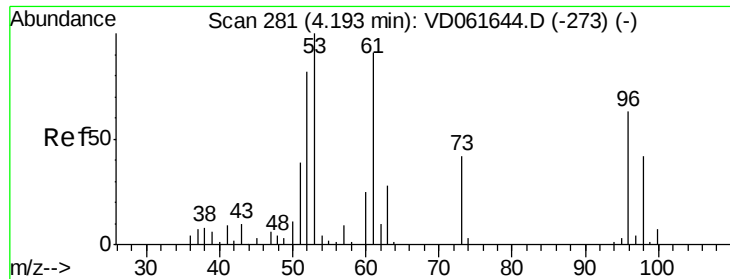
39 70.7 58.2 87.4

76 37.4 29.8 44.6



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: 92.472 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampled :

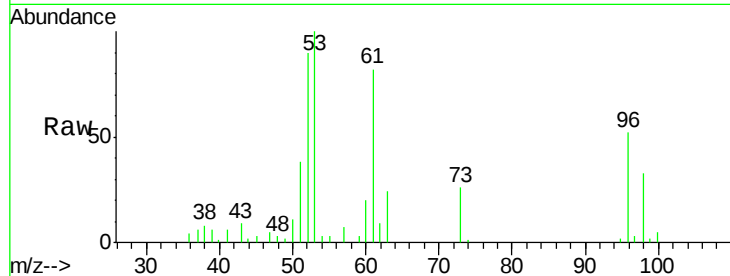
Tot Ion: 53 Resp: 97870

Ion Ratio Lower Upper

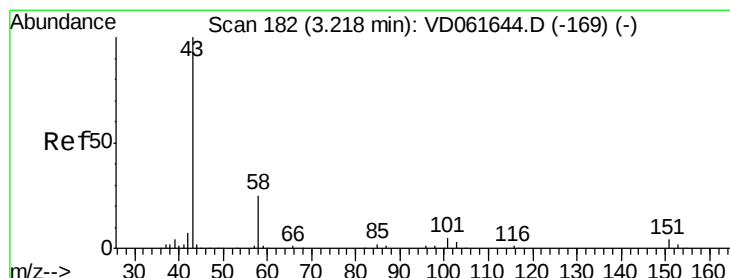
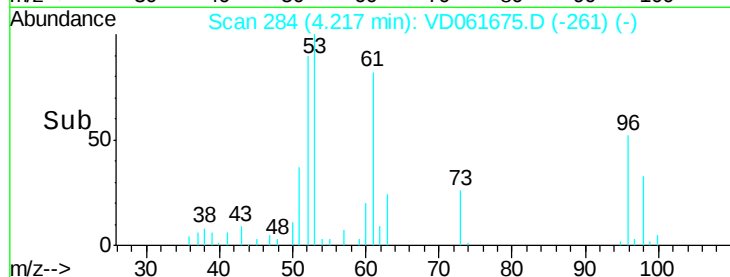
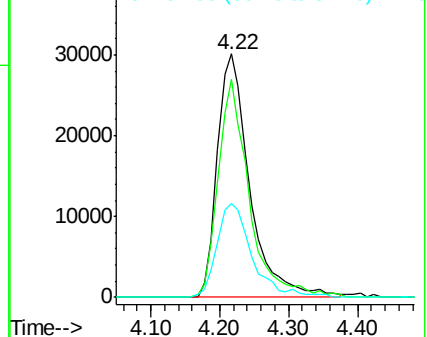
53 100

52 89.6 65.9 98.9

51 38.5 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 90.955 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061675.D

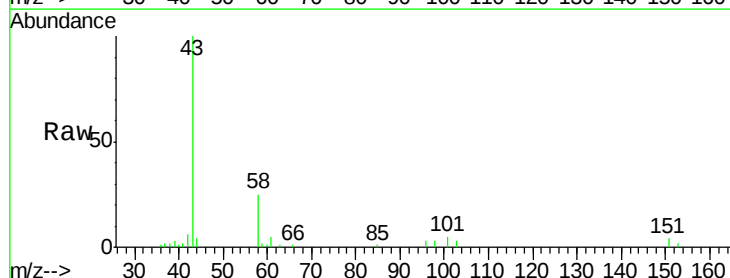
Acq: 9 Apr 2019 15:24

Tgt Ion: 43 Resp: 124736

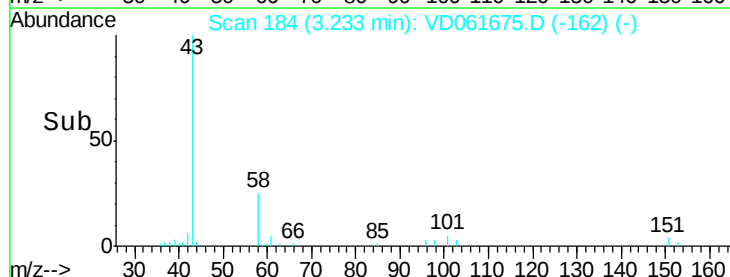
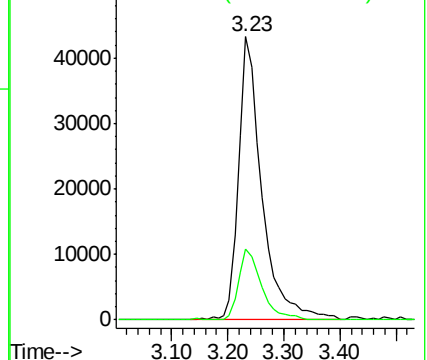
Ion Ratio Lower Upper

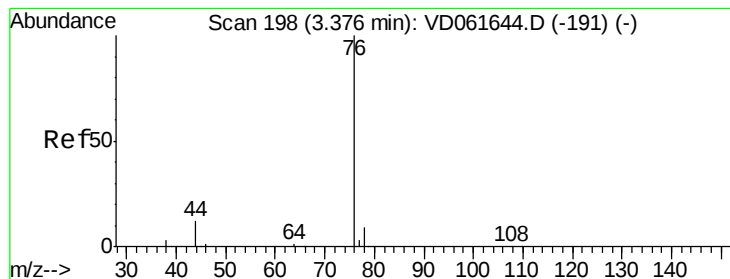
43 100

58 25.0 19.7 29.5



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





#17

Carbon Disulfide

Concen: 18.735 ug/l

RT: 3.39 min Scan# 200

Delta R.T. 0.01 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

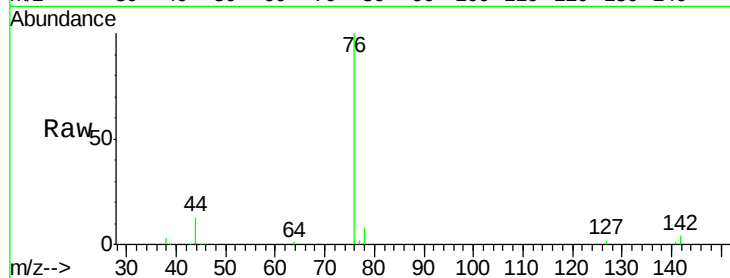
ClientSampleId :

Tot Ion: 76 Resp: 384103

Ion Ratio Lower Upper

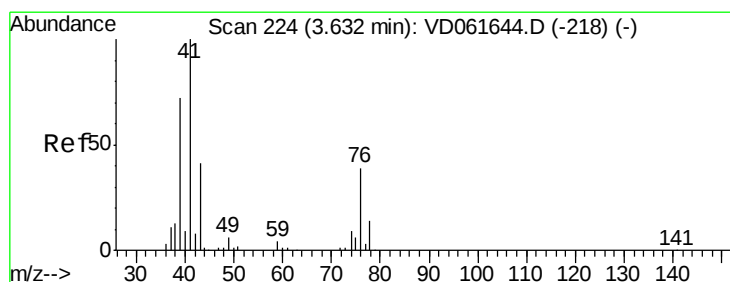
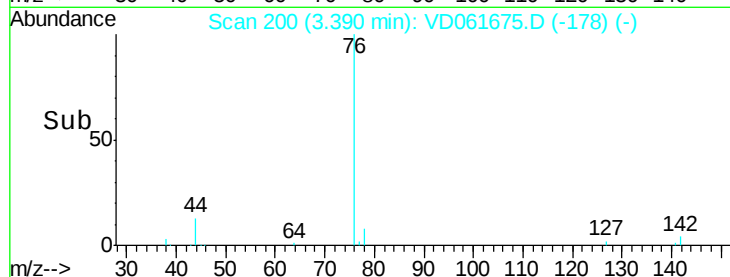
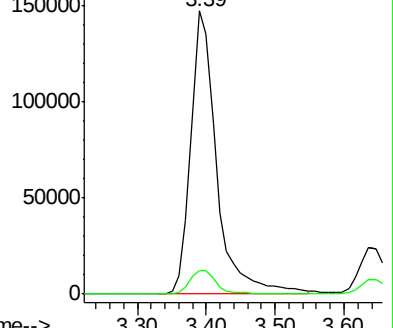
76 100

78 8.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 21.766 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.02 min

Lab File: VD061675.D

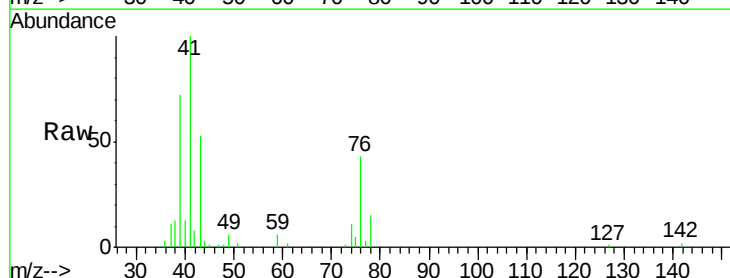
Acq: 9 Apr 2019 15:24

Tgt Ion: 43 Resp: 56160

Ion Ratio Lower Upper

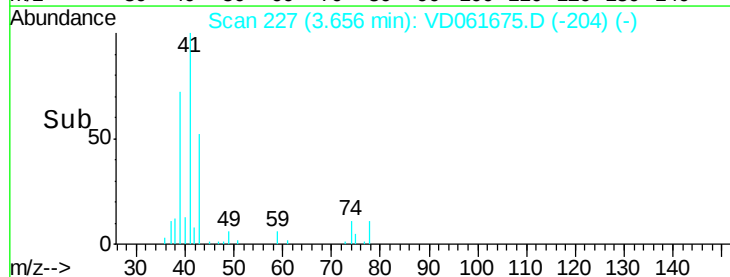
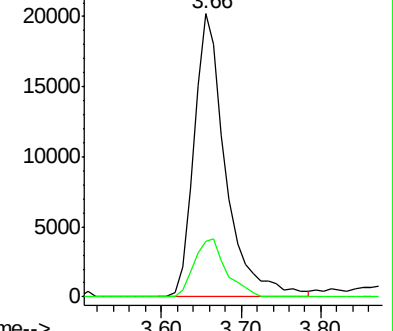
43 100

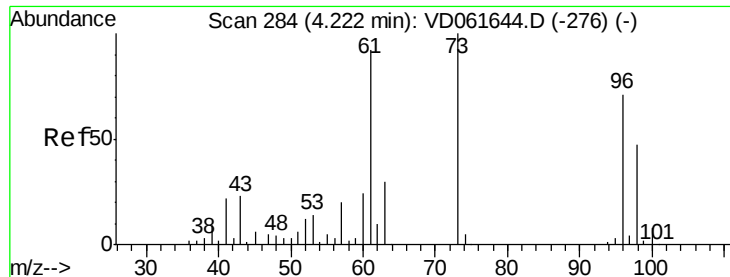
74 19.7 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

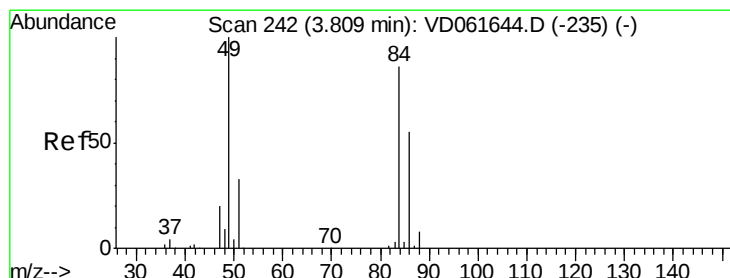
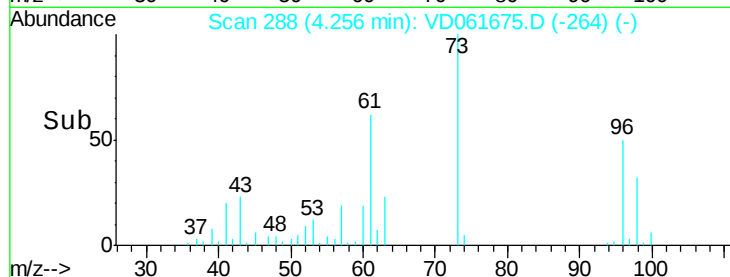
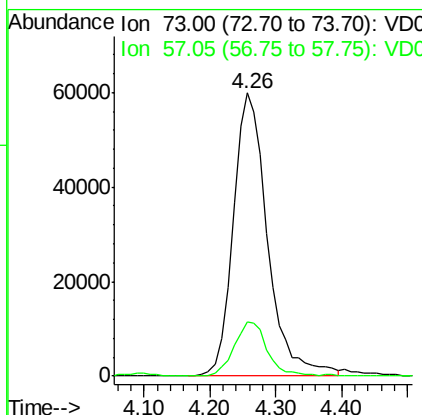
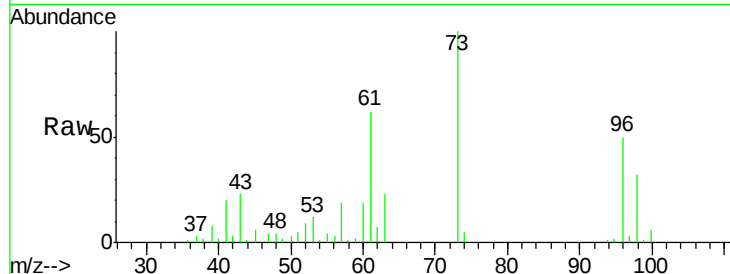




#19
Methyl tert-butyl Ether
Concen: 19.976 ug/l
RT: 4.26 min Scan# 288
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

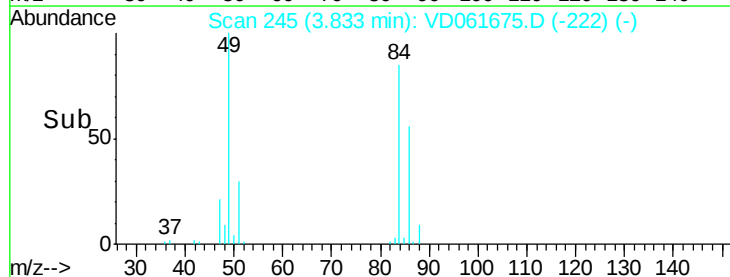
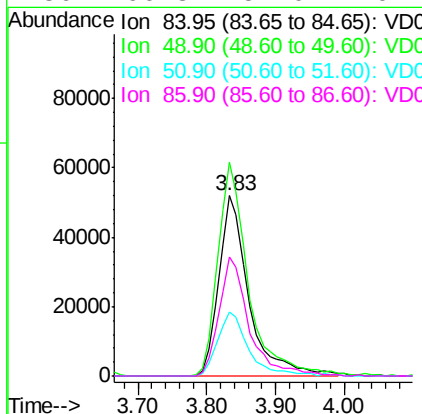
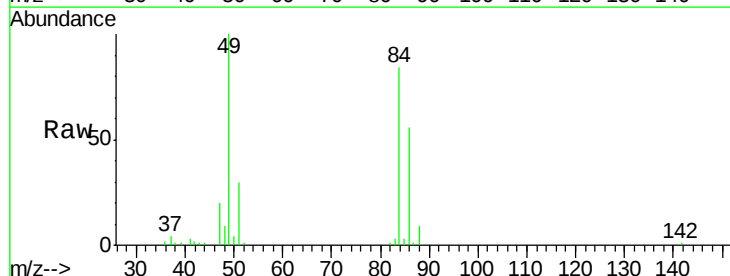
Instrument :
MSVOA_D
ClientSampled :

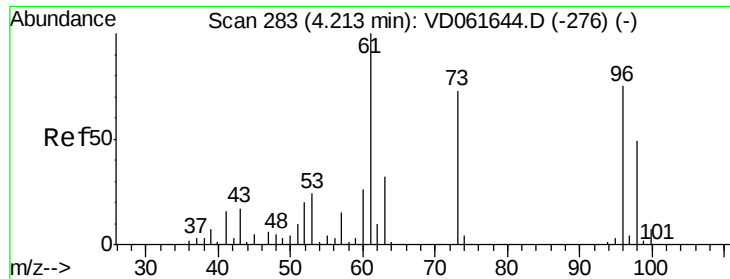
Tot Ion: 73 Resp: 218230
Ion Ratio Lower Upper
73 100
57 19.2 16.0 24.0



#20
Methylene Chloride
Concen: 20.135 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 84 Resp: 156691
Ion Ratio Lower Upper
84 100
49 118.7 93.0 139.4
51 35.7 30.4 45.6
86 66.3 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 18.769 ug/l

RT: 4.25 min Scan# 287

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

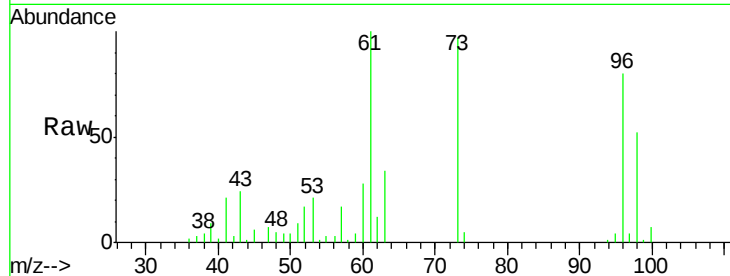
Tot Ion: 96 Resp: 128622

Ion Ratio Lower Upper

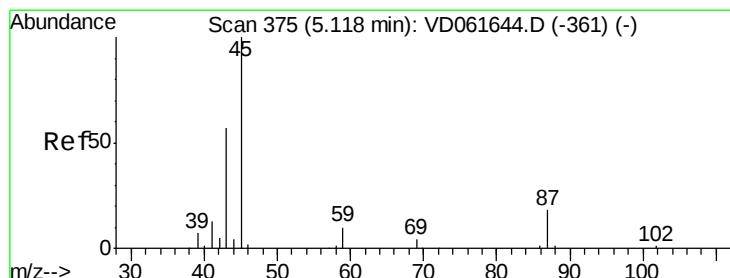
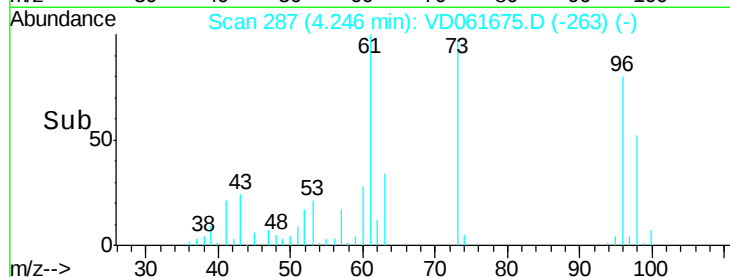
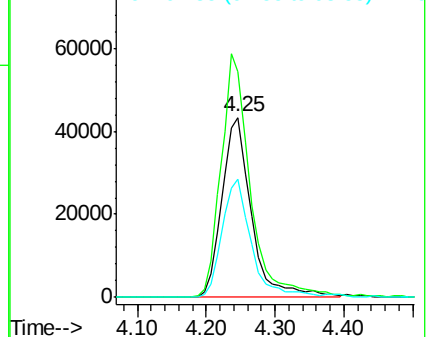
96 100

61 125.2 106.8 160.2

98 65.5 52.2 78.2



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



#22

Diisopropyl ether

Concen: 20.016 ug/l

RT: 5.15 min Scan# 379

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Tgt Ion: 45 Resp: 361146

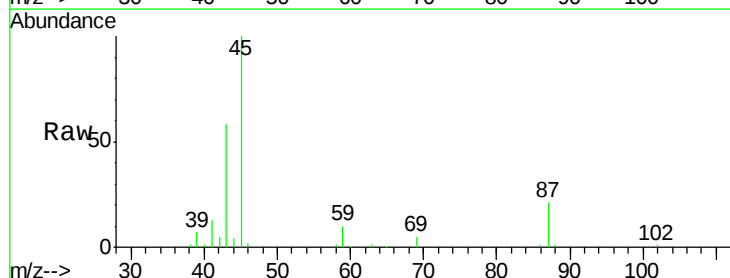
Ion Ratio Lower Upper

45 100

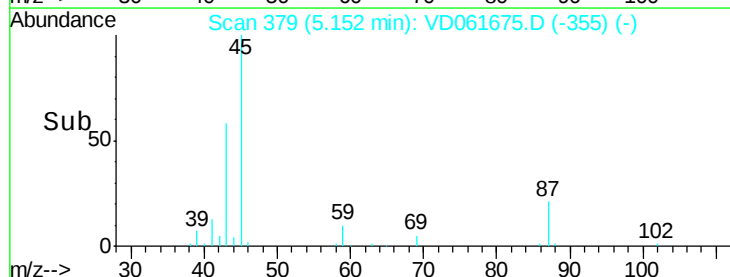
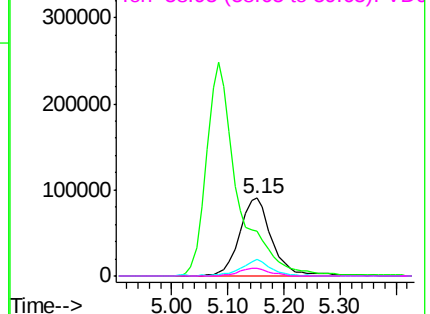
43 57.7 46.6 70.0

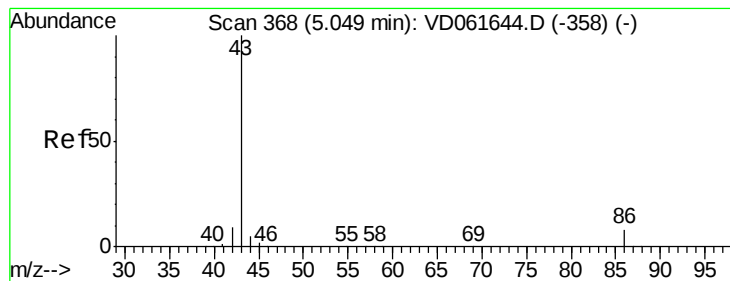
87 20.9 15.6 23.4

59 9.8 8.6 13.0



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





#23

Vinyl Acetate

Concen: 96.036 ug/l

RT: 5.08 min Scan# 372

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

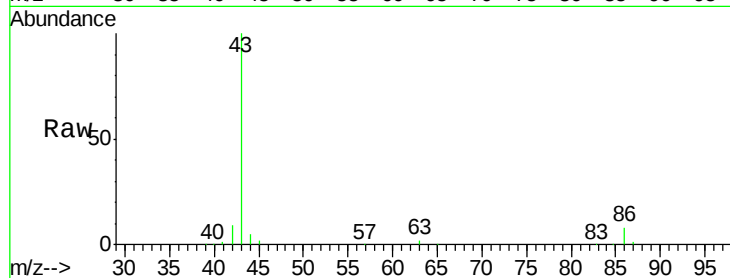
ClientSampled :

Tot Ion: 43 Resp: 956085

Ion Ratio Lower Upper

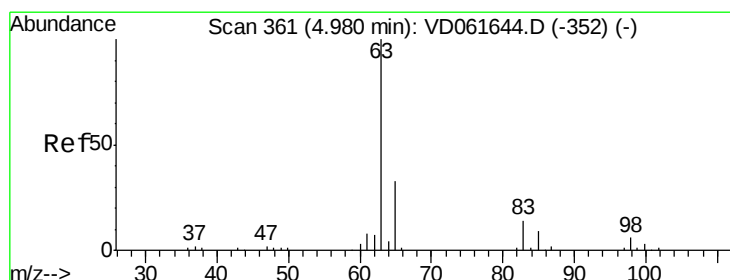
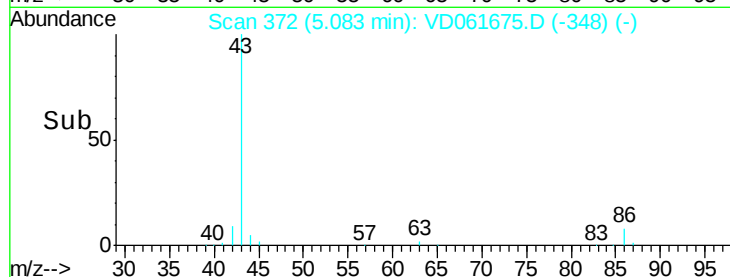
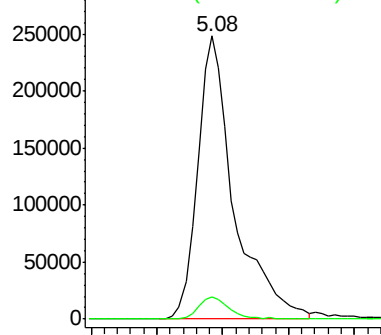
43 100

86 7.7 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.307 ug/l

RT: 5.01 min Scan# 365

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

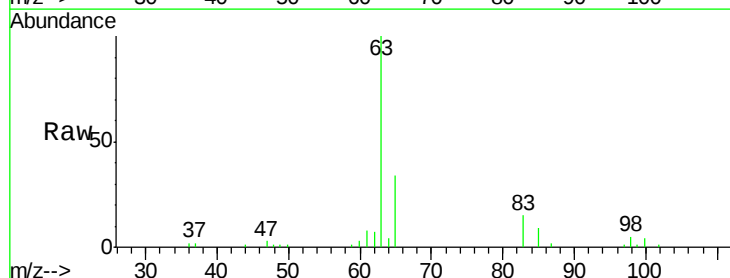
Tgt Ion: 63 Resp: 202409

Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.6

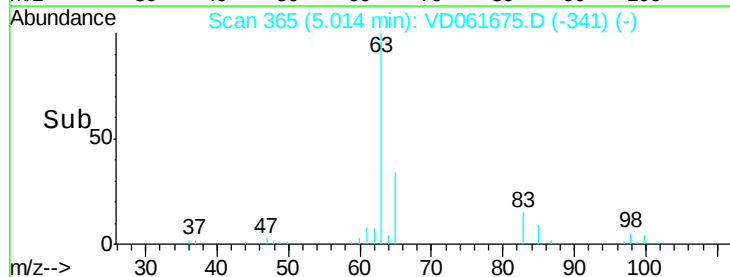
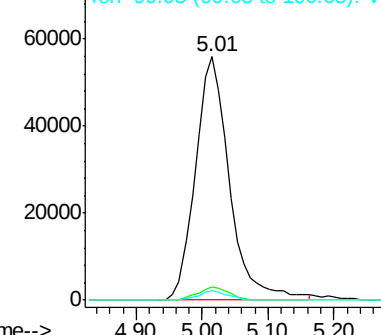
100 3.7 1.7 5.1

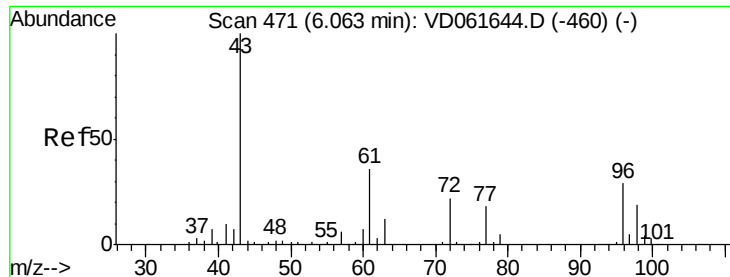


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 93.418 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

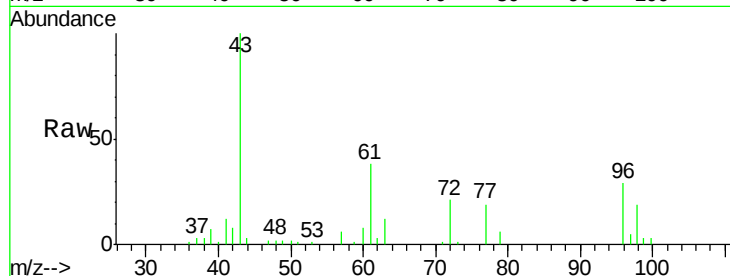
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 147693

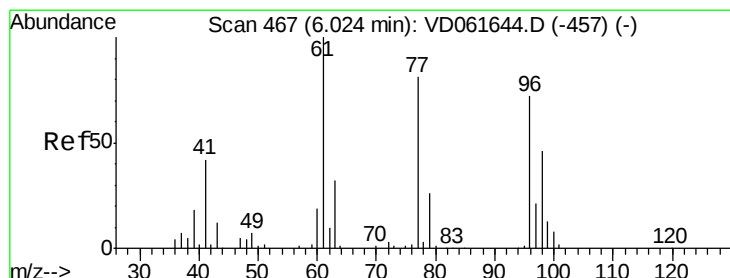
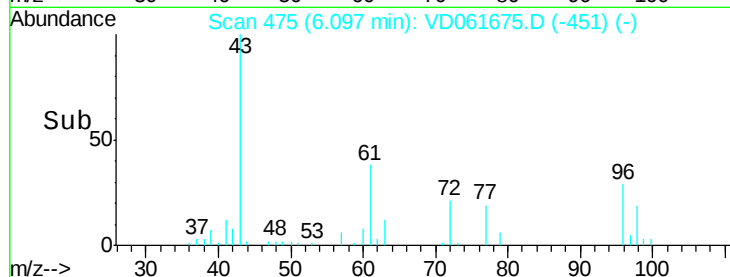
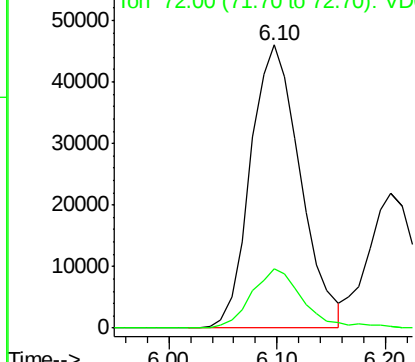
Ion Ratio Lower Upper

43 100

72 20.9 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.697 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.02 min

Lab File: VD061675.D

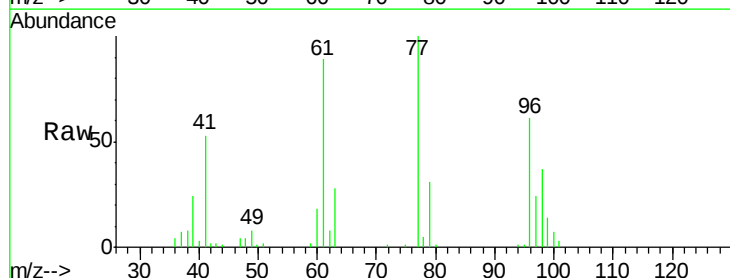
Acq: 9 Apr 2019 15:24

Tgt Ion: 77 Resp: 177323

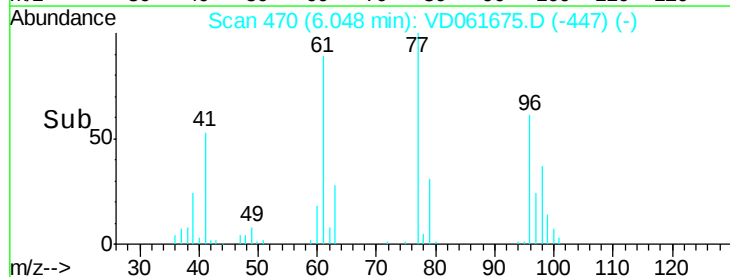
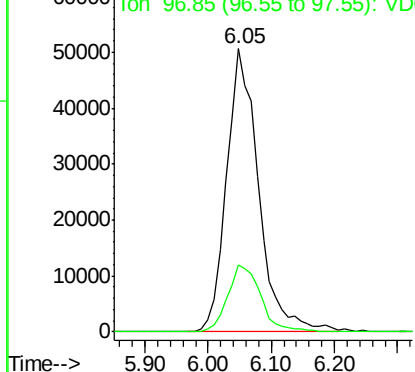
Ion Ratio Lower Upper

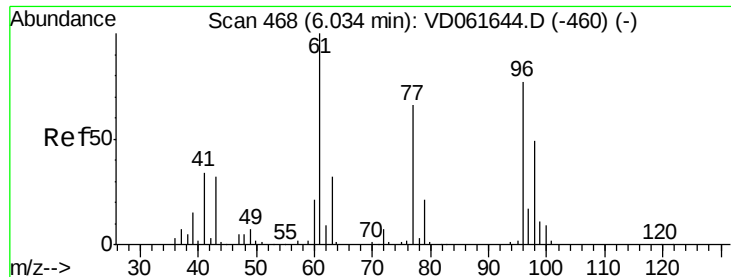
77 100

97 23.6 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC



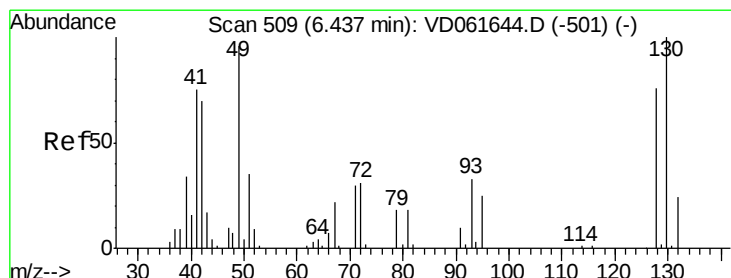
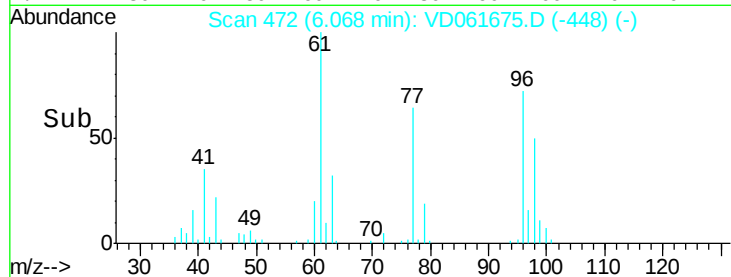
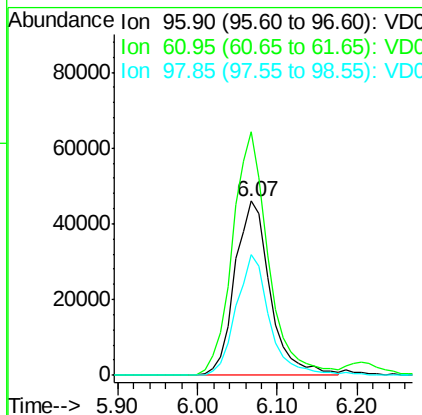
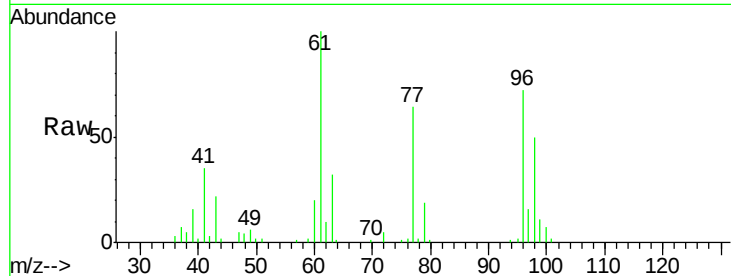


#27

cis-1,2-Dichloroethene
 Concen: 19.359 ug/l
 RT: 6.07 min Scan# 472
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Instrument :
 MSVOA_D
 ClientSampleId :

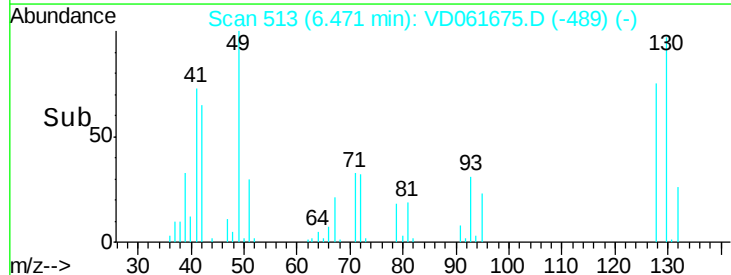
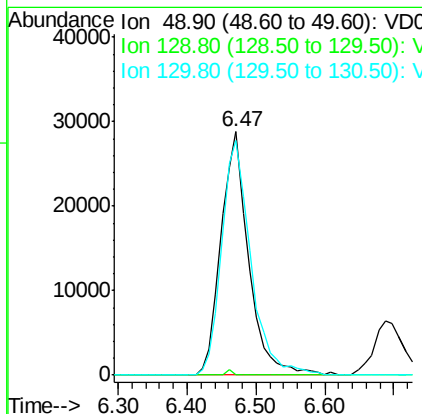
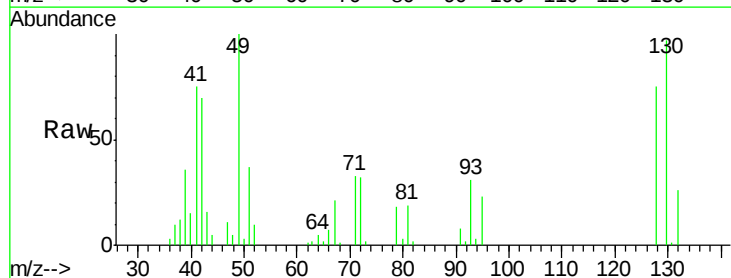
Tot Ion	96	Resp	141531
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	259.8
98	69.3	0.0	127.6

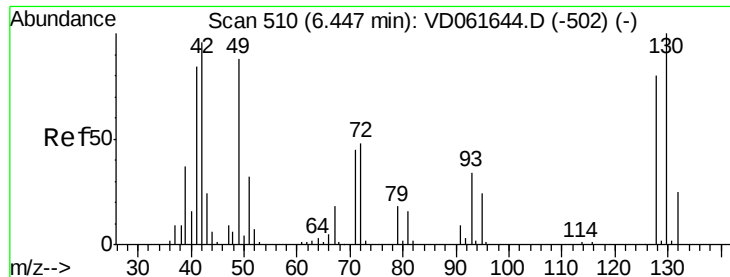


#28

Bromochloromethane
 Concen: 19.645 ug/l
 RT: 6.47 min Scan# 513
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion	49	Resp	80122
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	96.6	83.3	124.9

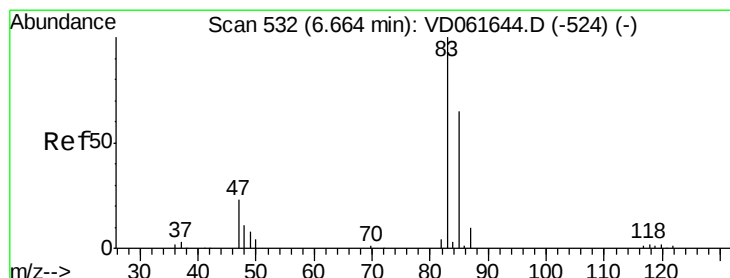
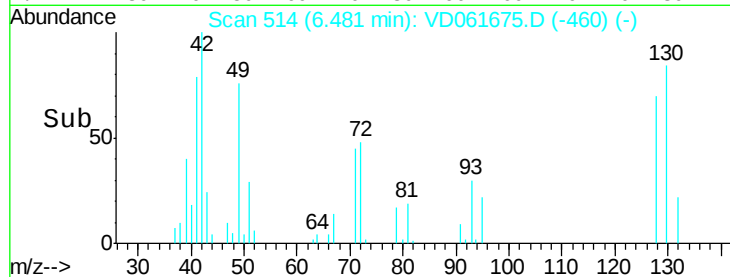
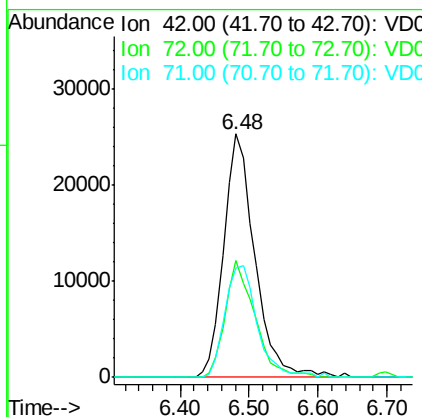
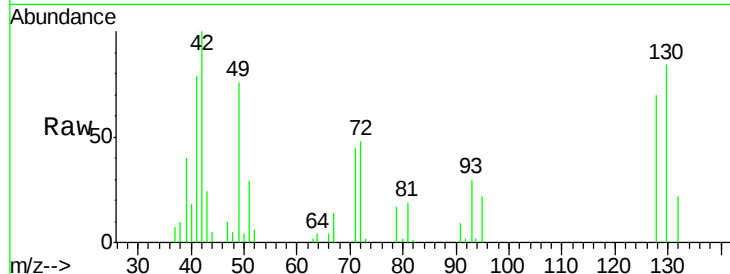




#29
Tetrahydrofuran
Concen: 103.689 ug/l
RT: 6.48 min Scan# 514
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

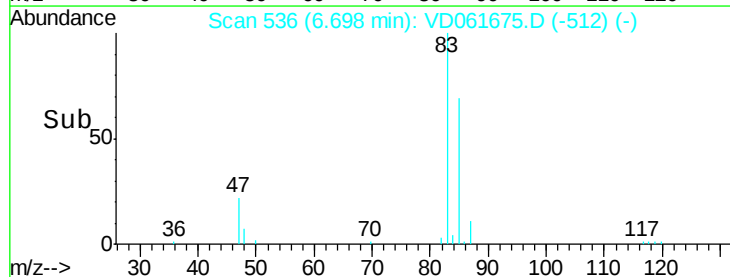
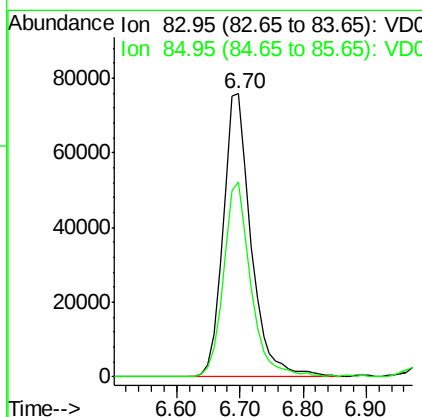
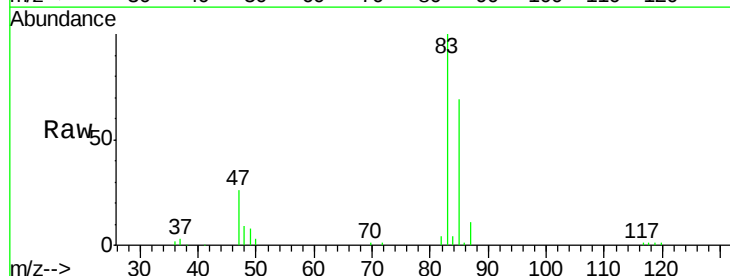
Instrument :
MSVOA_D
ClientSampleId :

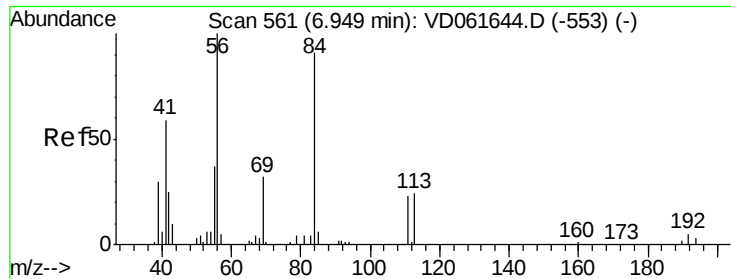
Tot Ion: 42 Resp: 79135
Ion Ratio Lower Upper
42 100
72 45.5 37.0 55.6
71 47.9 36.5 54.7



#30
Chloroform
Concen: 20.027 ug/l
RT: 6.70 min Scan# 536
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 83 Resp: 231960
Ion Ratio Lower Upper
83 100
85 68.9 51.9 77.9

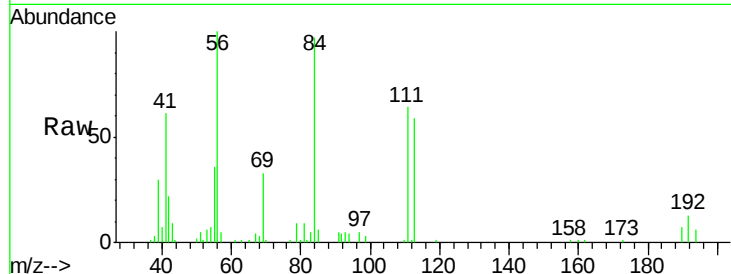




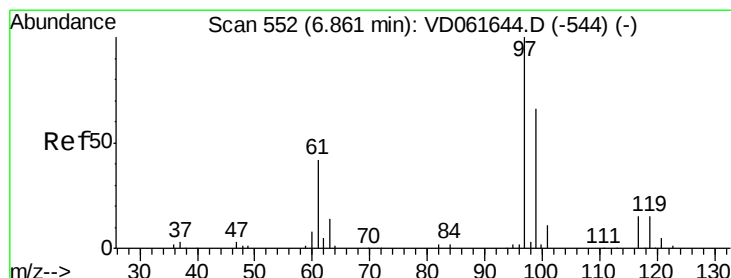
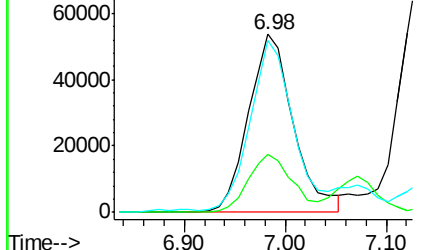
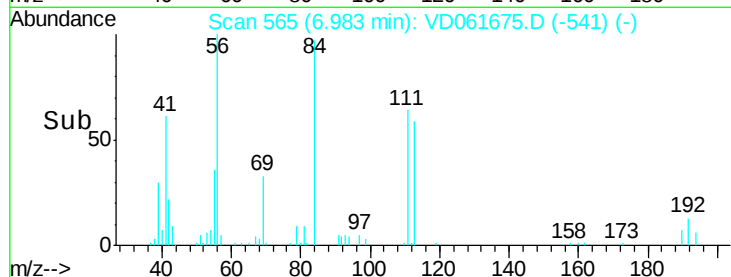
#31
Cvclohexane
Concen: 19.184 ug/l
RT: 6.98 min Scan# 565
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 165699
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.6
84 96.7 74.2 111.2

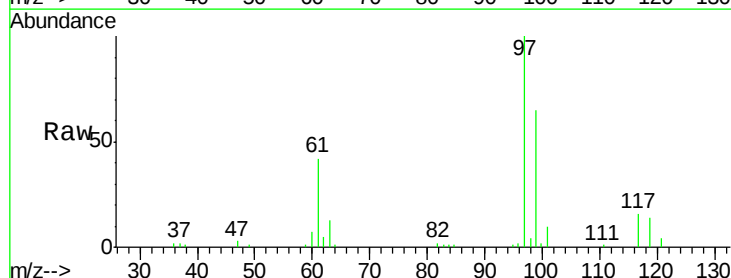


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

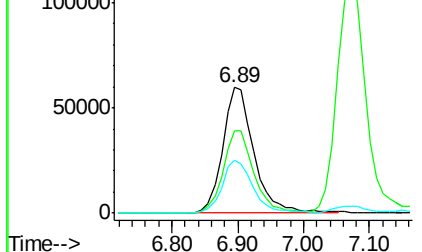
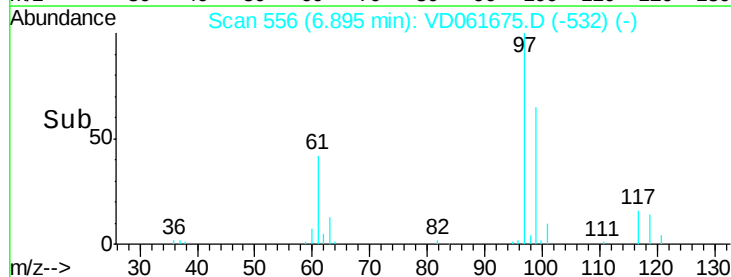


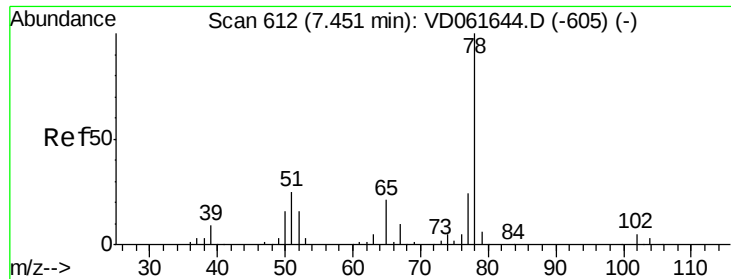
#32
1,1,1-Trichloroethane
Concen: 19.351 ug/l
RT: 6.89 min Scan# 556
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 97 Resp: 196413
Ion Ratio Lower Upper
97 100
99 65.1 52.5 78.7
61 41.8 33.4 50.0



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

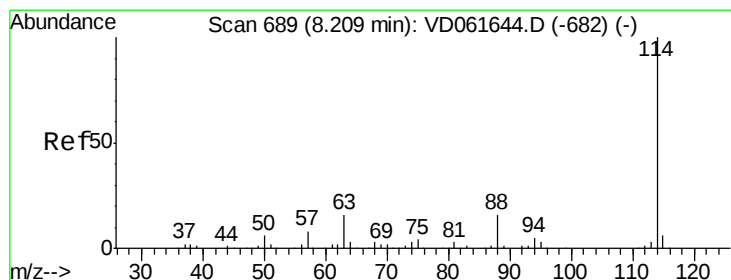
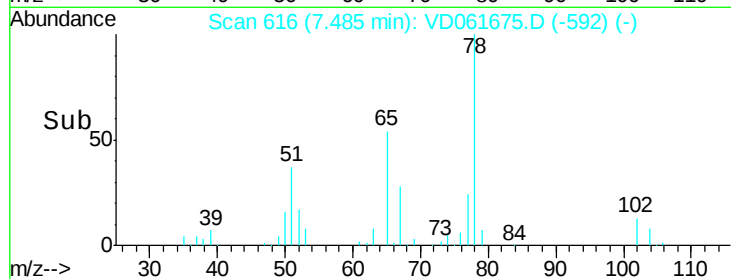
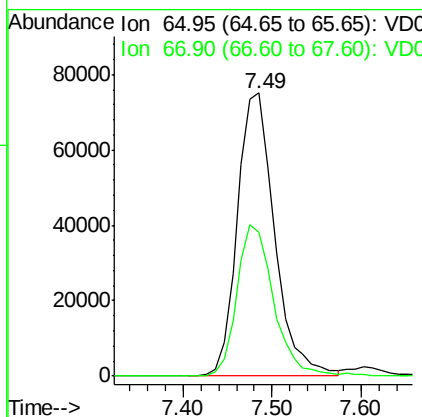
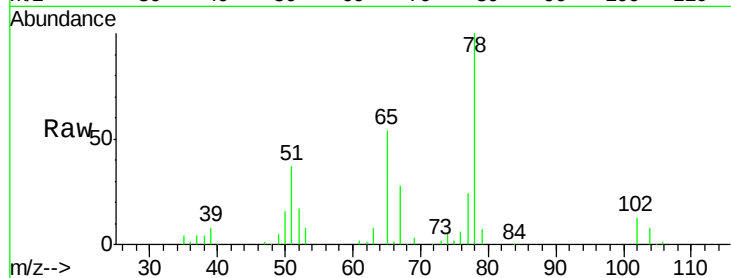




#33
 1,2-Dichloroethane-d4
 Concen: 19.351 ug/l
 RT: 7.49 min Scan# 616
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

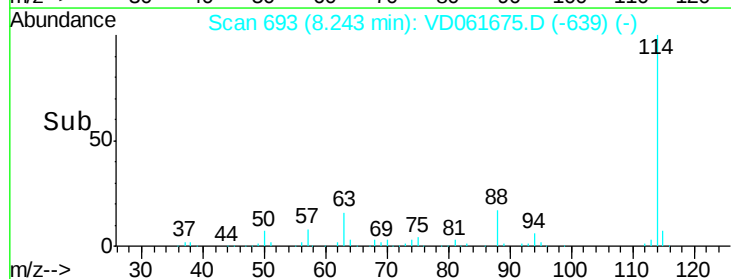
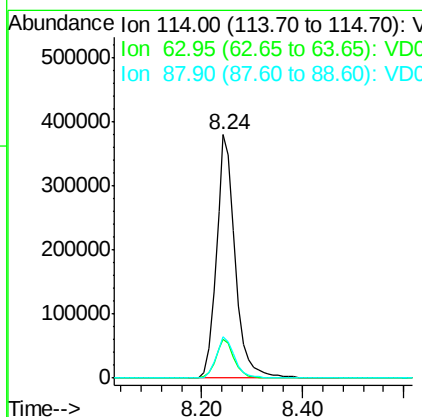
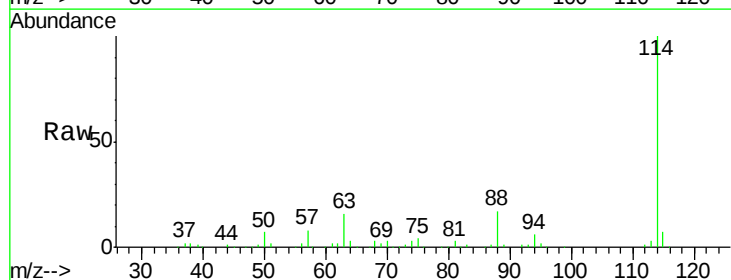
Instrument :
 MSVOA_D
 ClientSampleId :

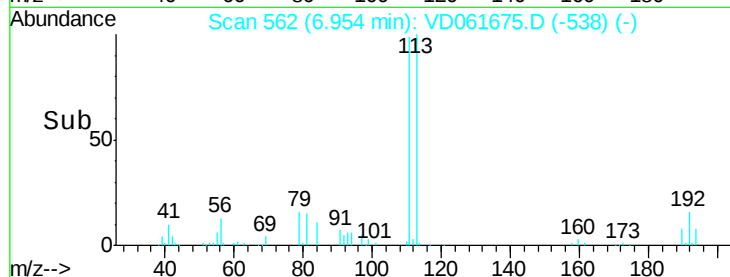
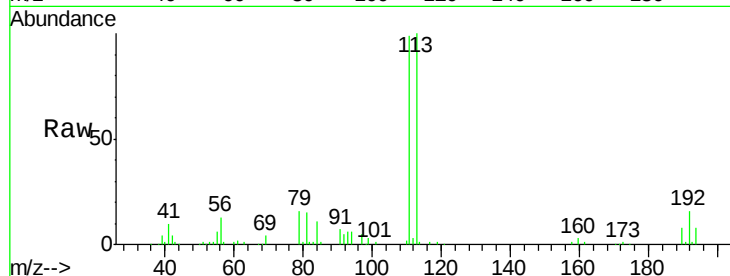
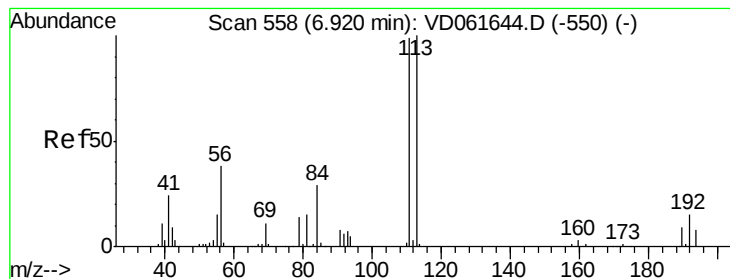
Tot Ion: 65 Resp: 217561
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion: 114 Resp: 984055
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 16.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

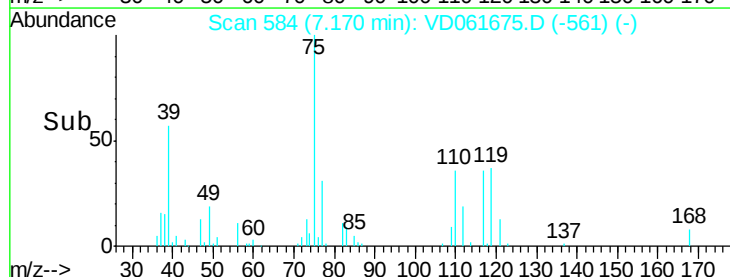
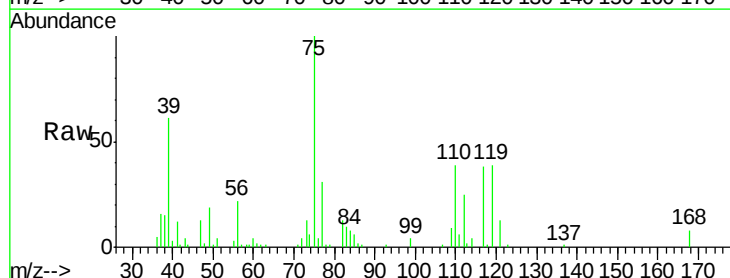
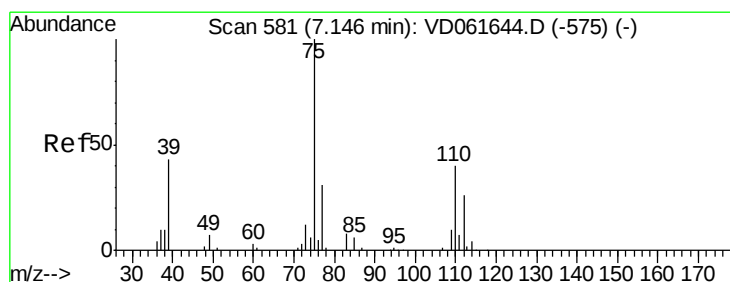
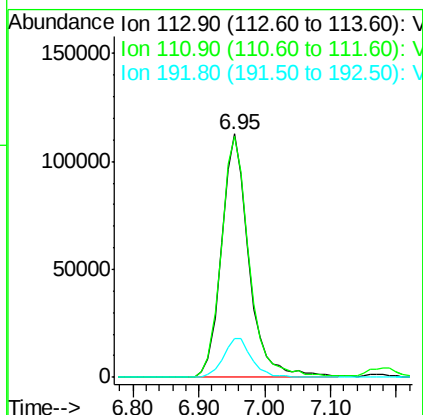
Tot Ion:113 Resp: 326217

Ion Ratio Lower Upper

113 100

111 98.8 79.3 118.9

192 16.0 12.3 18.5



#36

1,1-Dichloropropene

Concen: 20.258 ug/l

RT: 7.17 min Scan# 584

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

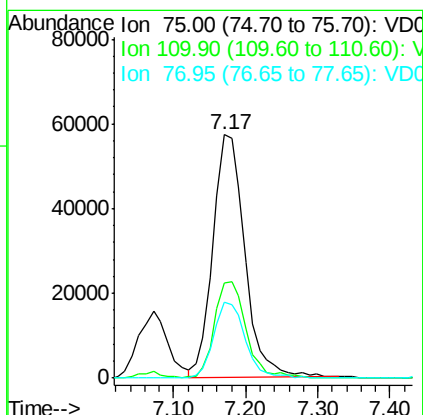
Tgt Ion: 75 Resp: 174472

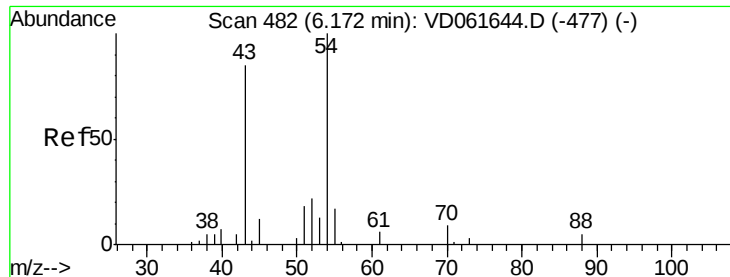
Ion Ratio Lower Upper

75 100

110 39.1 19.7 59.0

77 31.4 24.8 37.2

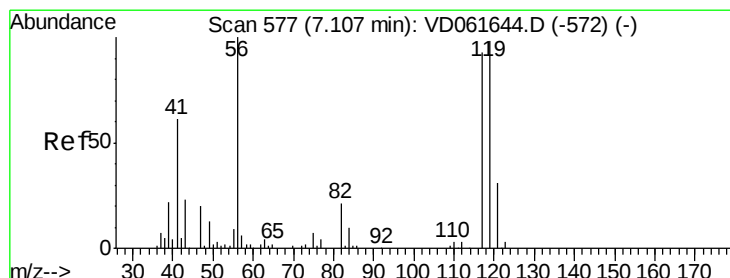
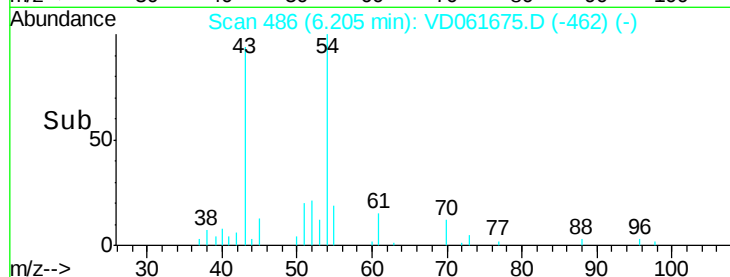
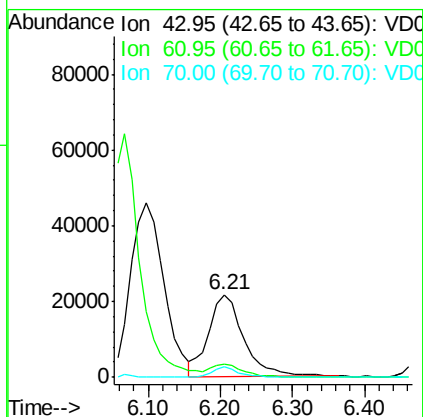
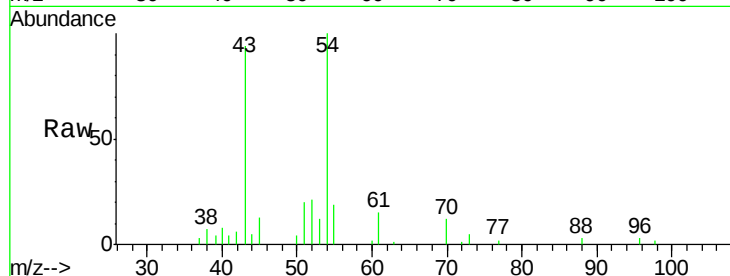




#37
Ethyl Acetate
Concen: 20.759 ug/l
RT: 6.21 min Scan# 486
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

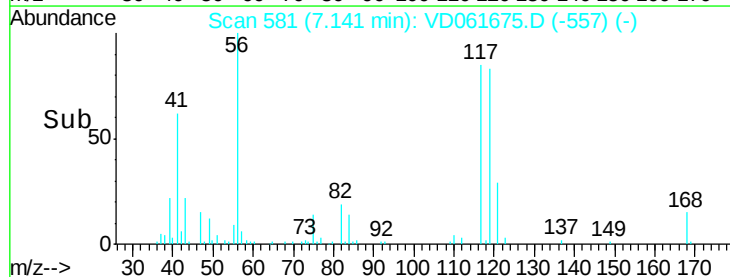
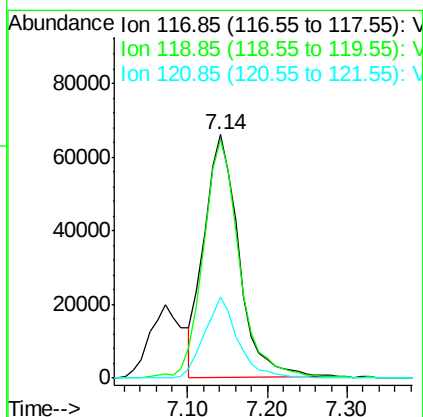
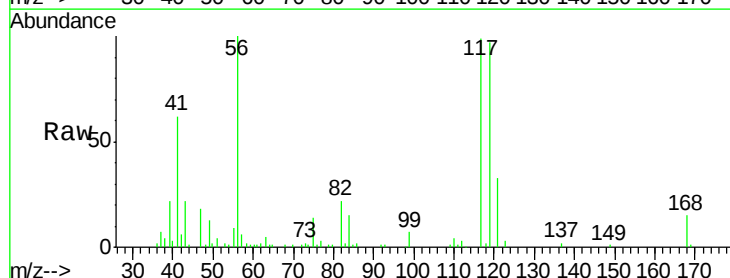
Instrument :
MSVOA_D
ClientSampled :

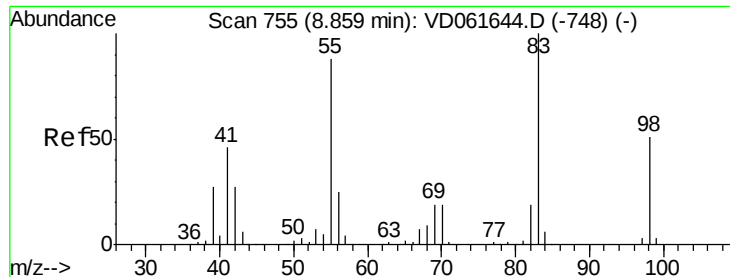
Tot Ion: 43 Resp: 72821
Ion Ratio Lower Upper
43 100
61 15.9 11.9 17.9
70 12.8 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 19.871 ug/l
RT: 7.14 min Scan# 581
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 117 Resp: 200567
Ion Ratio Lower Upper
117 100
119 97.9 77.9 116.9
121 33.2 24.7 37.1

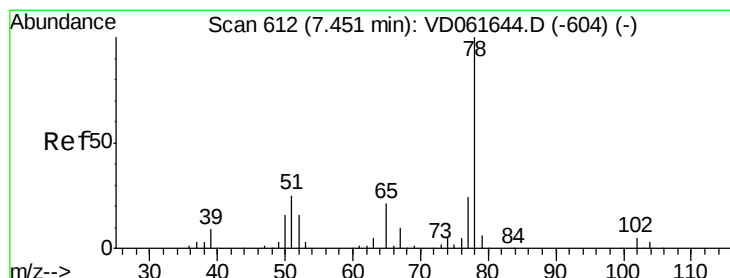
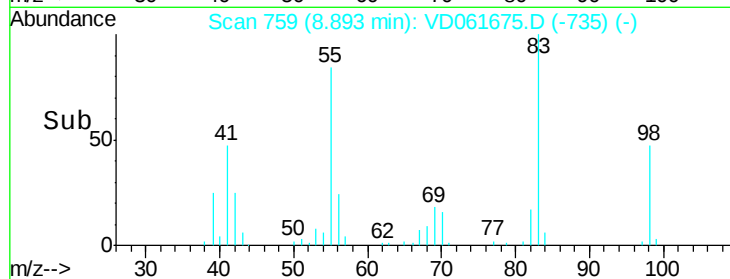
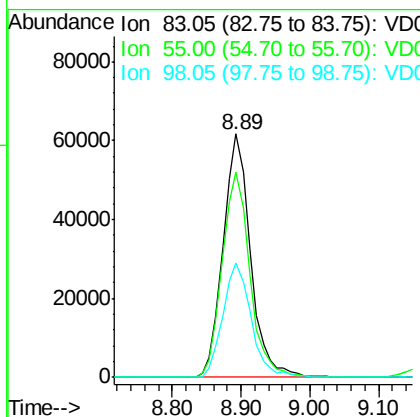
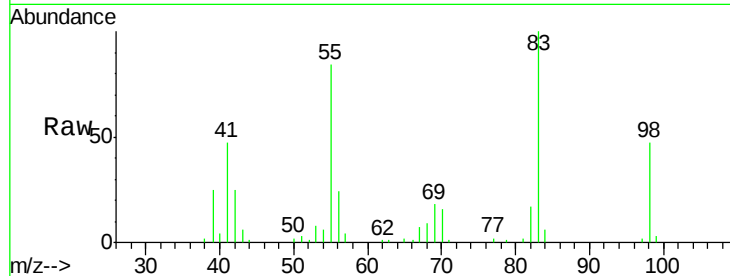




#39
Methvlcvclohexane
Concen: 19.226 ug/l
RT: 8.89 min Scan# 759
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

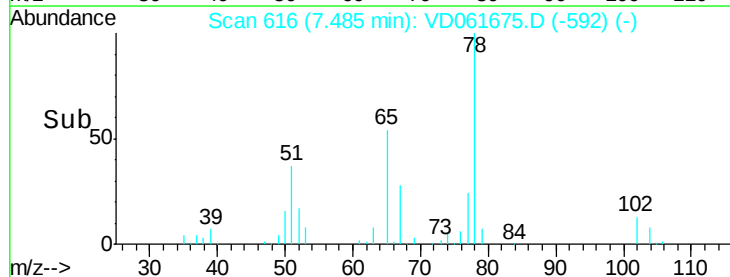
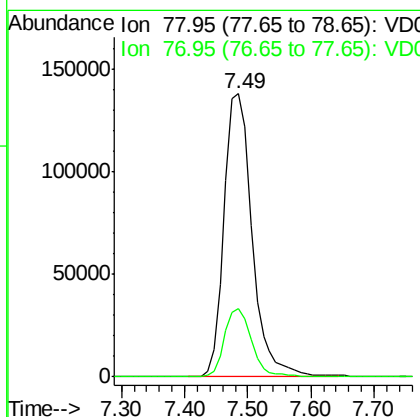
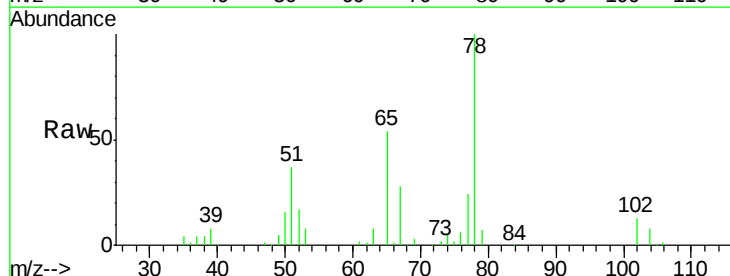
Instrument :
MSVOA_D
ClientSampleId :

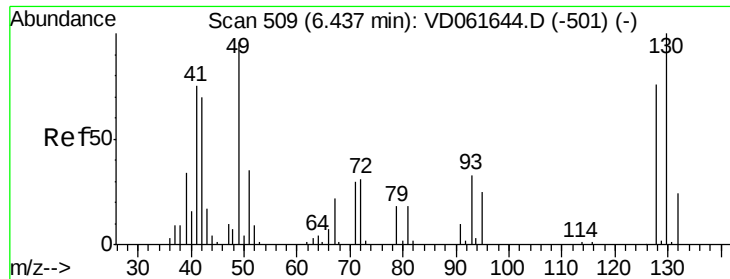
Tot Ion: 83 Resp: 169992
Ion Ratio Lower Upper
83 100
55 84.0 70.3 105.5
98 46.7 41.0 61.6



#40
Benzene
Concen: 20.586 ug/l
RT: 7.49 min Scan# 616
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 78 Resp: 427724
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3

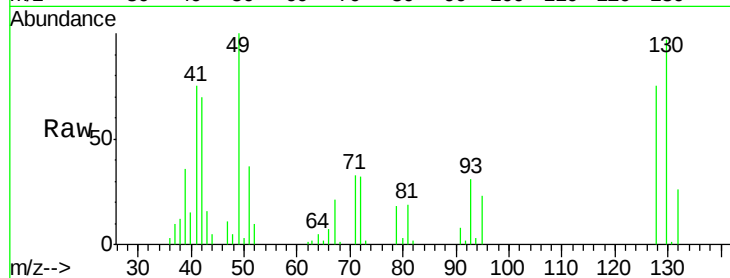




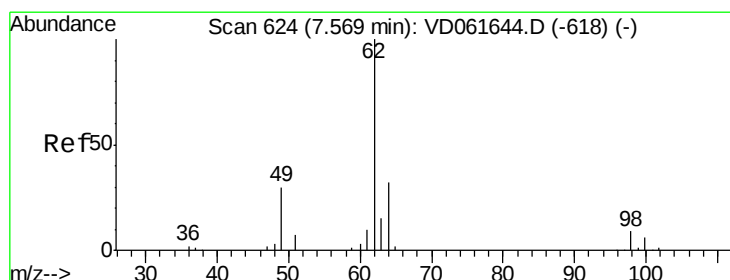
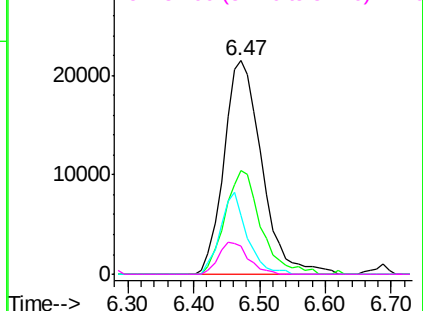
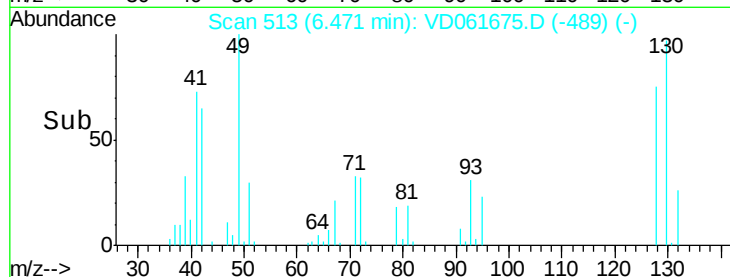
#41
Methacrylonitrile
Concen: 21.117 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 86473
Ion Ratio Lower Upper
41 100
39 48.7 36.2 54.2
67 27.9 23.2 34.8
52 13.1 10.0 15.0

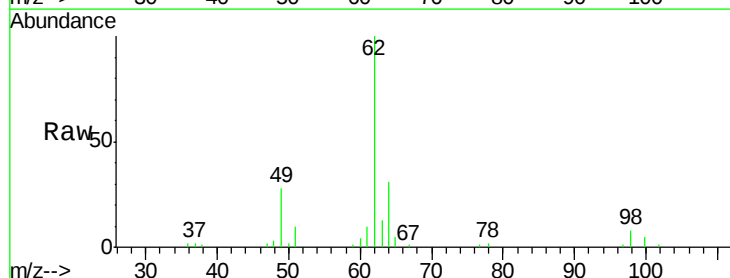


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

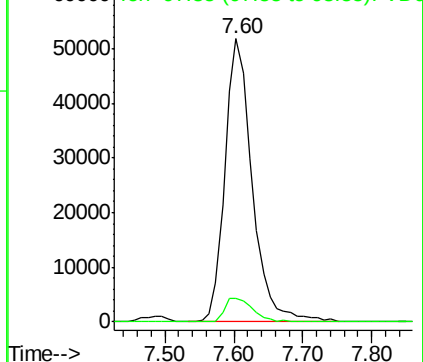
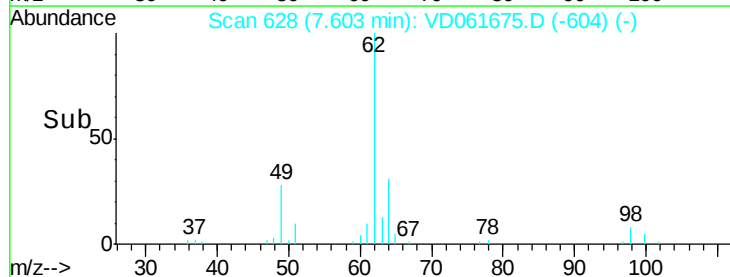


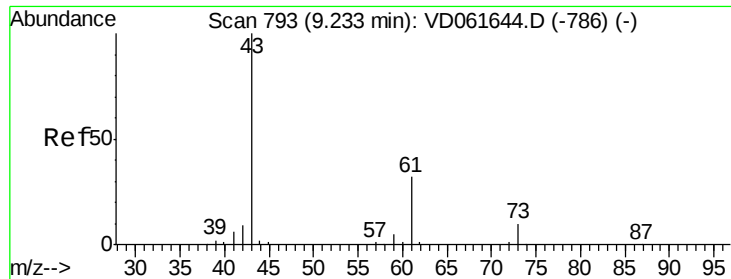
#42
1,2-Dichloroethane
Concen: 21.710 ug/l
RT: 7.60 min Scan# 628
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 62 Resp: 141856
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8



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



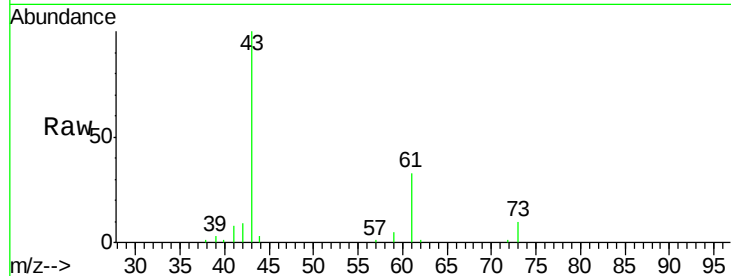


#43

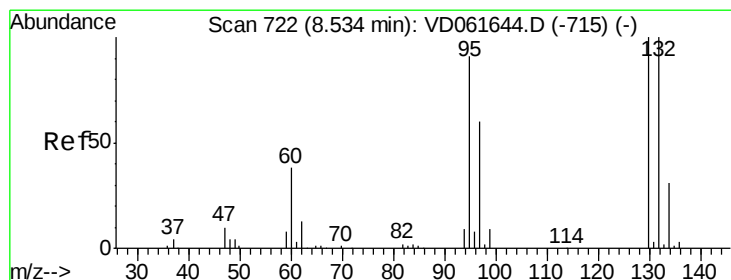
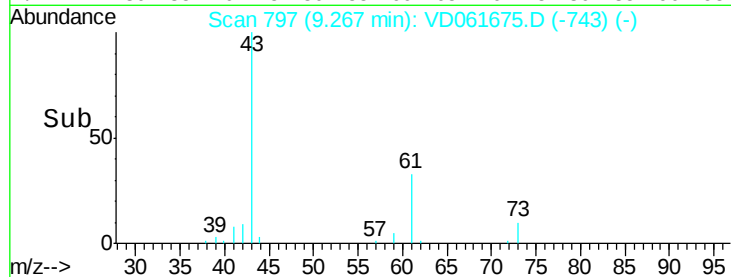
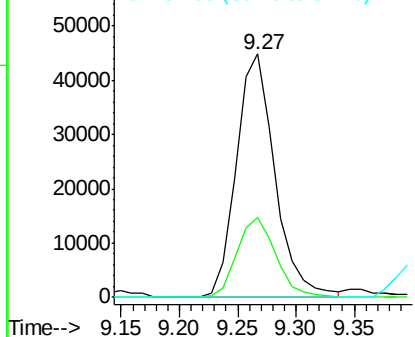
Isopropyl Acetate
 Concen: 20.263 ug/l
 RT: 9.27 min Scan# 797
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion: 43 Resp: 103161
 Ion Ratio Lower Upper
 43 100
 61 32.8 25.9 38.9
 87 0.0 0.2 0.4#



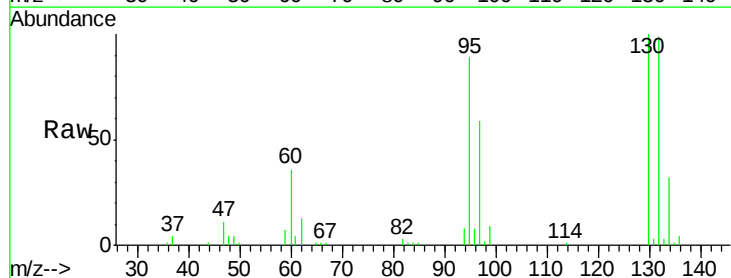
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



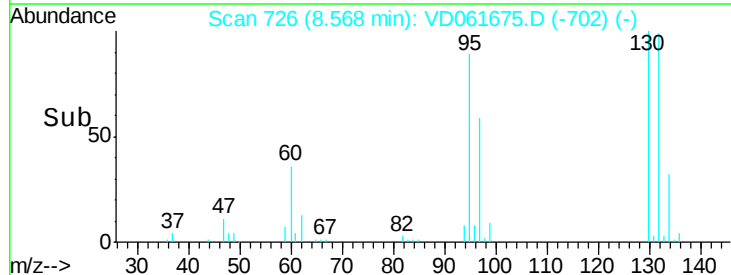
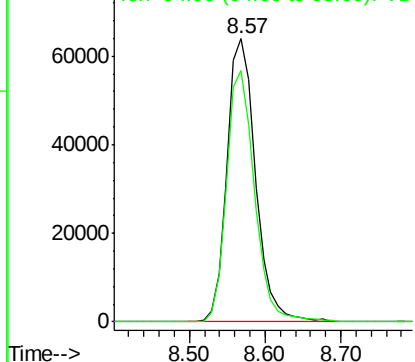
#44

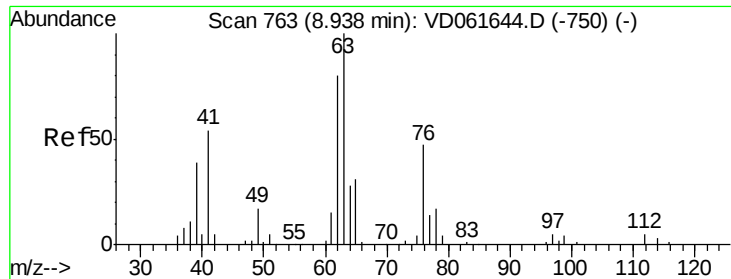
Trichloroethene
 Concen: 20.914 ug/l
 RT: 8.57 min Scan# 726
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion:130 Resp: 166585
 Ion Ratio Lower Upper
 130 100
 95 88.8 0.0 181.8



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





#45

1,2-Dichloropropane

Concen: 21.553 ug/l

RT: 8.96 min Scan# 766

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

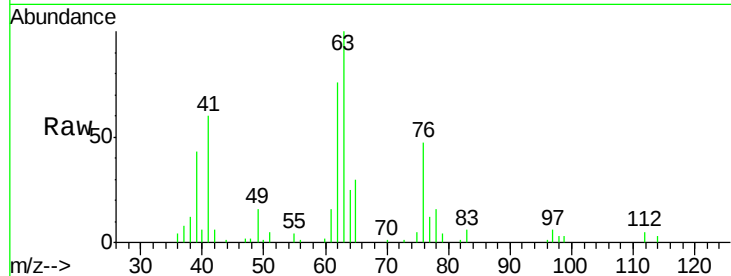
ClientSampled :

Tot Ion: 63 Resp: 111053

Ion Ratio Lower Upper

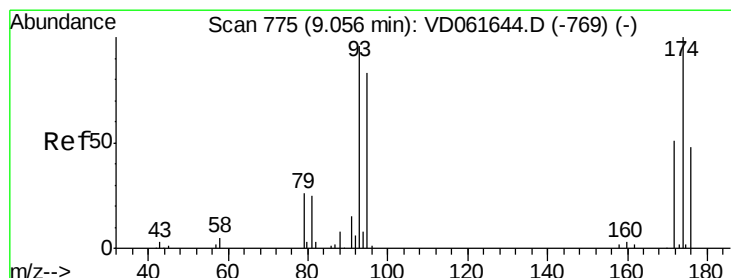
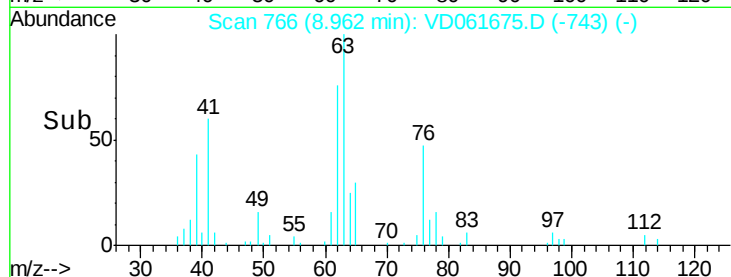
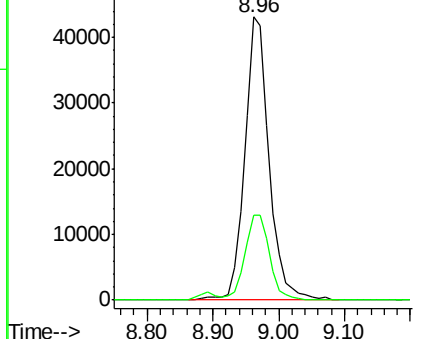
63 100

65 30.1 24.5 36.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.565 ug/l

RT: 9.09 min Scan# 779

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

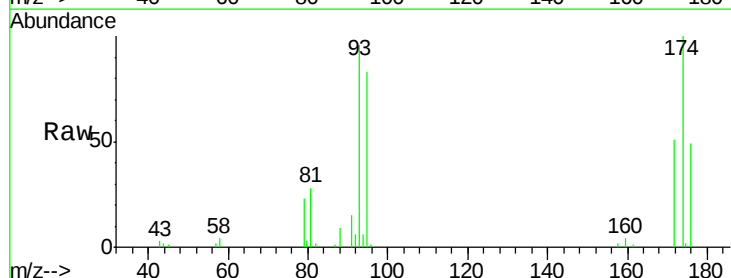
Tgt Ion: 93 Resp: 75731

Ion Ratio Lower Upper

93 100

95 86.8 68.6 103.0

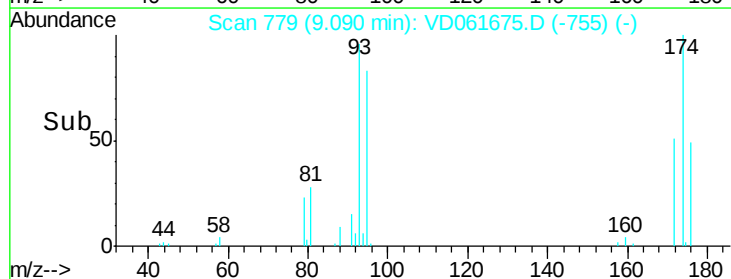
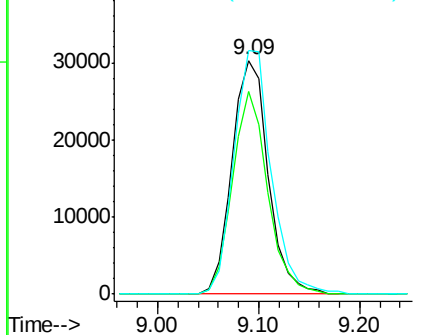
174 104.3 83.0 124.4

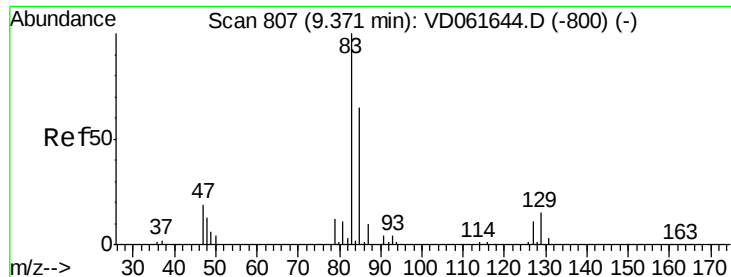


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 20.930 ug/l

RT: 9.40 min Scan# 811

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

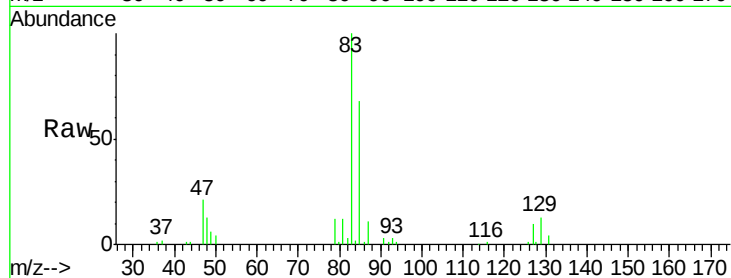
Tot Ion: 83 Resp: 169280

Ion Ratio Lower Upper

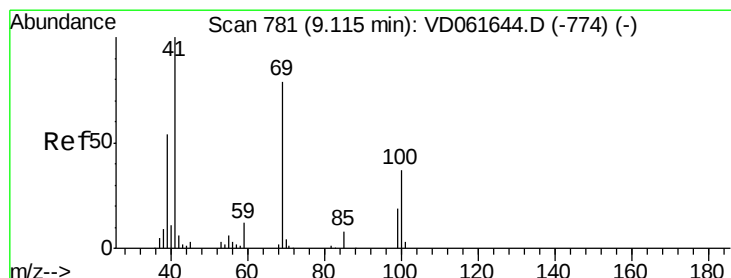
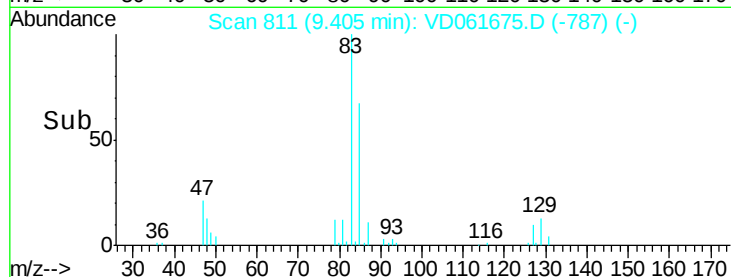
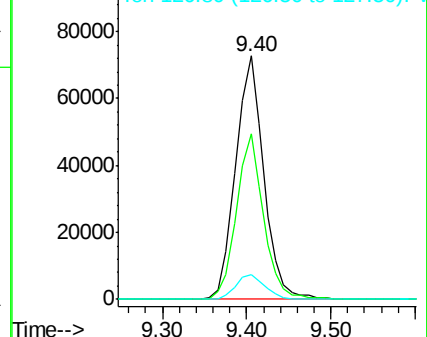
83 100

85 67.8 51.8 77.6

127 10.1 9.0 13.6



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): V



#48

Methyl methacrylate

Concen: 20.681 ug/l

RT: 9.15 min Scan# 785

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

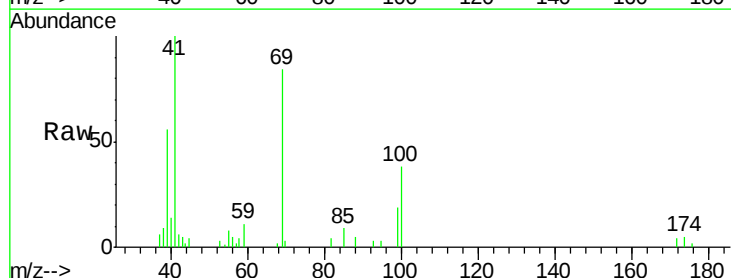
Tgt Ion: 41 Resp: 60691

Ion Ratio Lower Upper

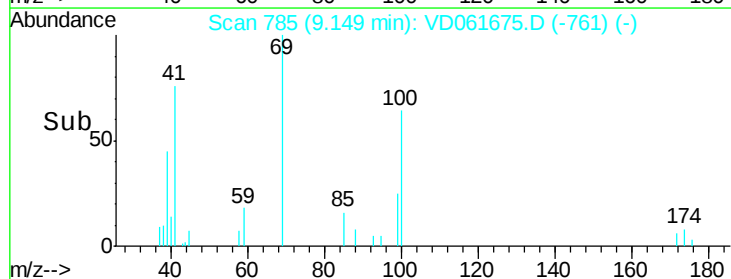
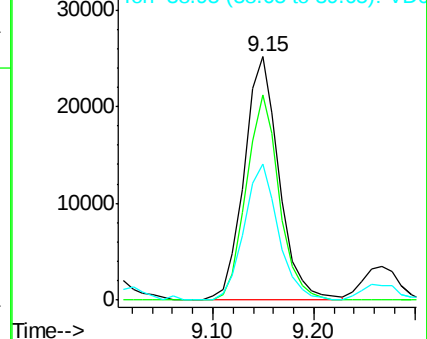
41 100

69 84.4 63.1 94.7

39 56.1 43.8 65.8



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

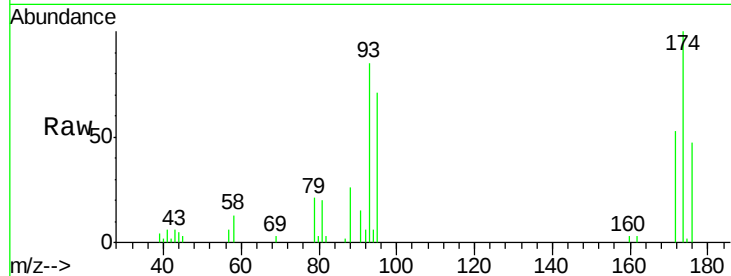




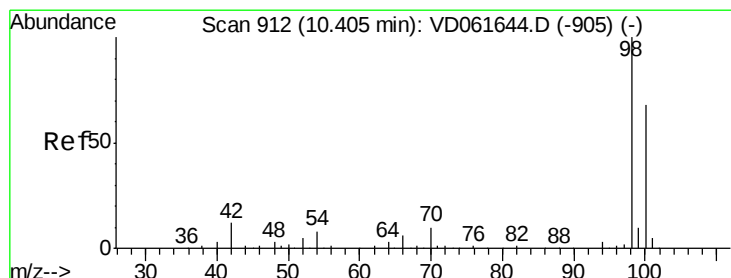
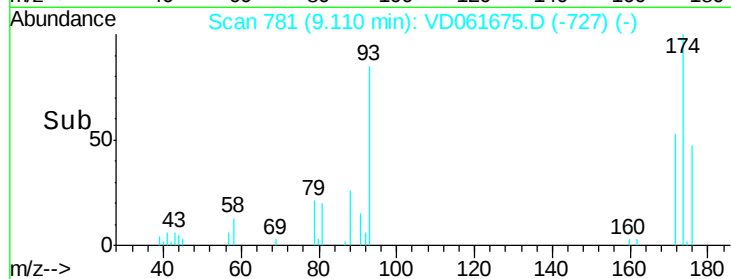
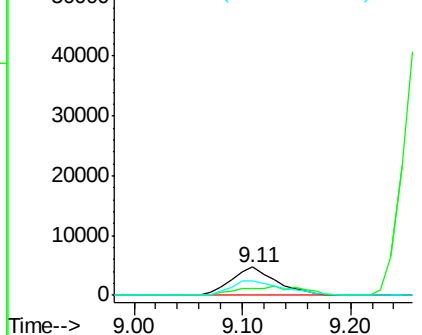
#49
1,4-Dioxane
Concen: 416.675 ug/l
RT: 9.11 min Scan# 781
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 13497
Ion Ratio Lower Upper
88 100
43 24.8 21.8 32.8
58 49.5 40.2 60.2

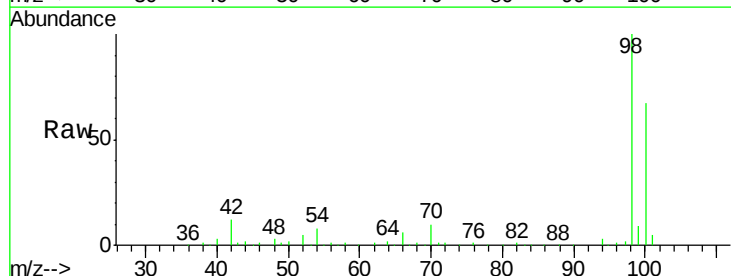


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

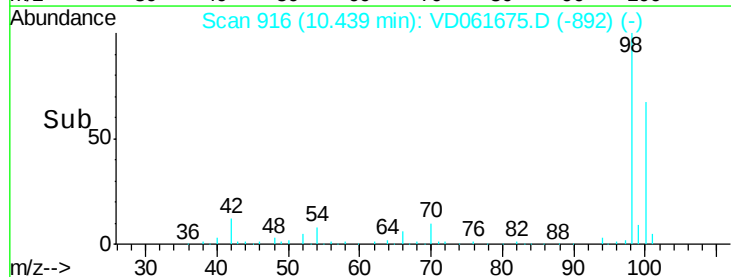
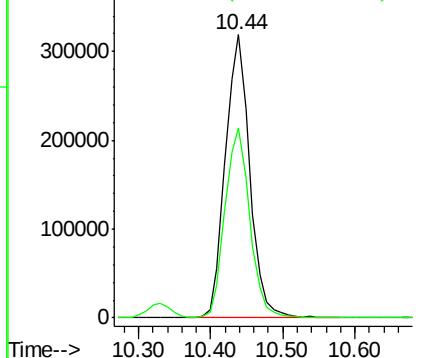


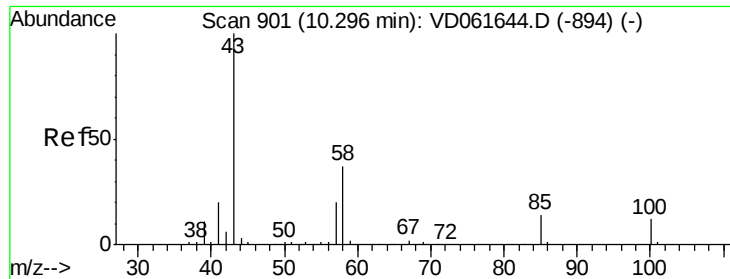
#50
Toluene-d8
Concen: 416.675 ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 98 Resp: 748715
Ion Ratio Lower Upper
98 100
100 67.2 55.4 83.0



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

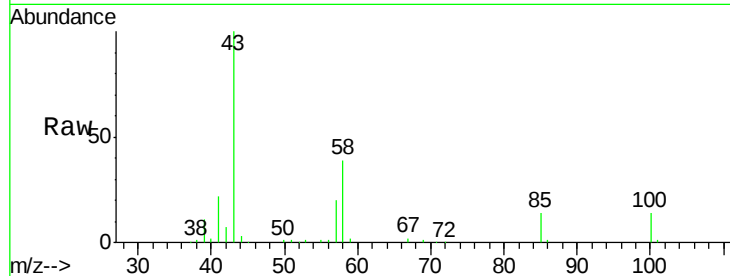




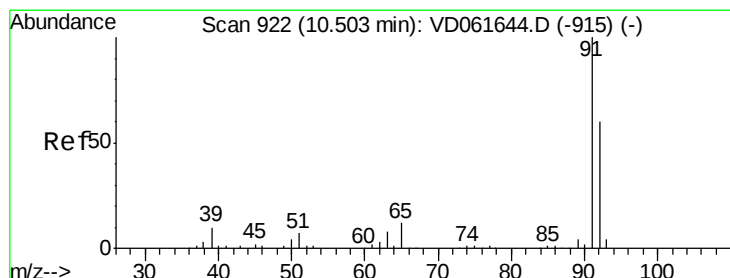
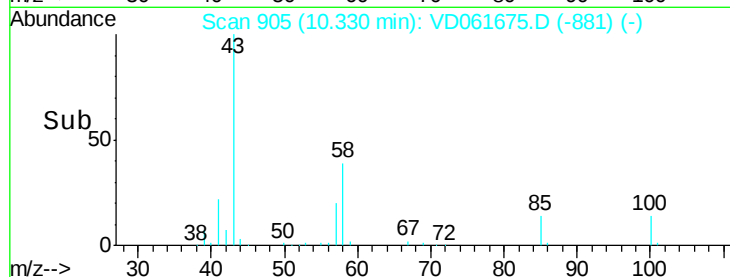
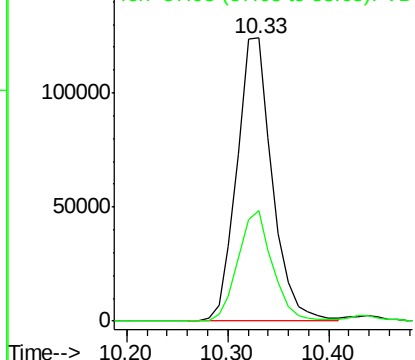
#51
4-Methyl-2-Pentanone
Concen: 100.622 ug/l
RT: 10.33 min Scan# 905
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 302952
Ion Ratio Lower Upper
43 100
58 39.0 29.8 44.8

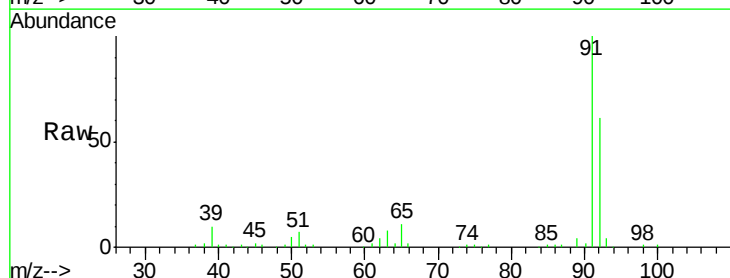


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

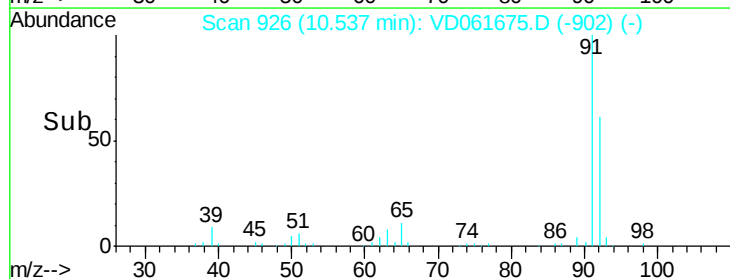
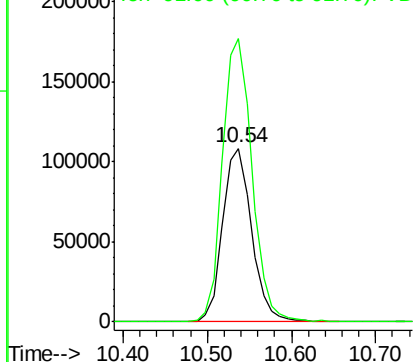


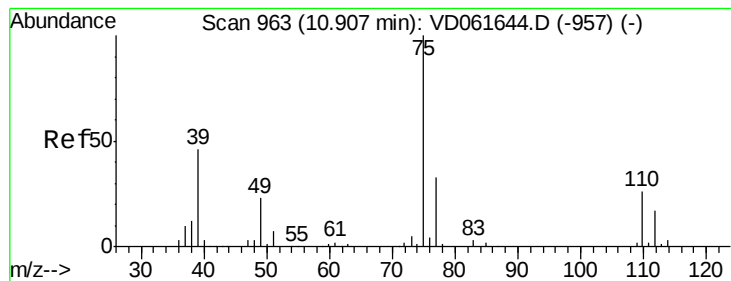
#52
Toluene
Concen: 20.001 ug/l
RT: 10.54 min Scan# 926
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 92 Resp: 259490
Ion Ratio Lower Upper
92 100
91 163.2 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 22.883 ug/l

RT: 10.94 min Scan# 967

Delta R.T. 0.03 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

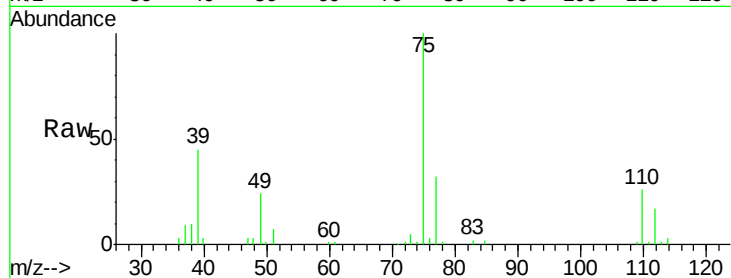
ClientSampleId :

Tot Ion: 75 Resp: 162235

Ion Ratio Lower Upper

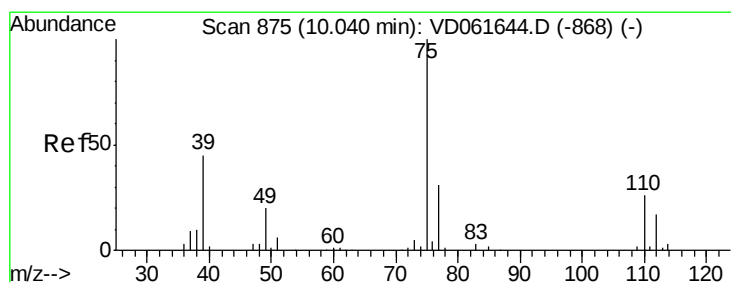
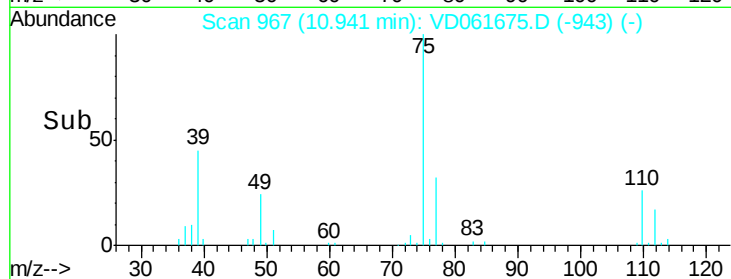
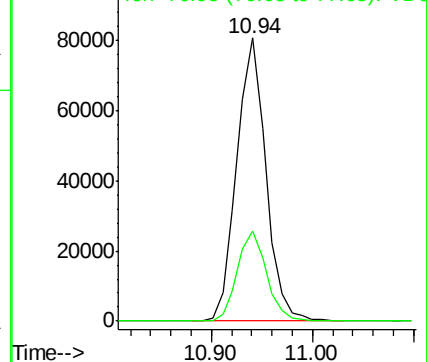
75 100

77 32.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.916 ug/l

RT: 10.06 min Scan# 878

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

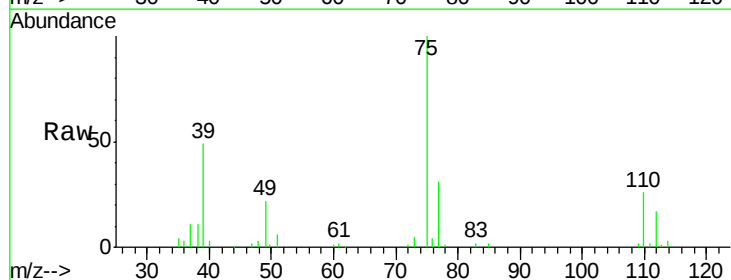
Tgt Ion: 75 Resp: 182797

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0

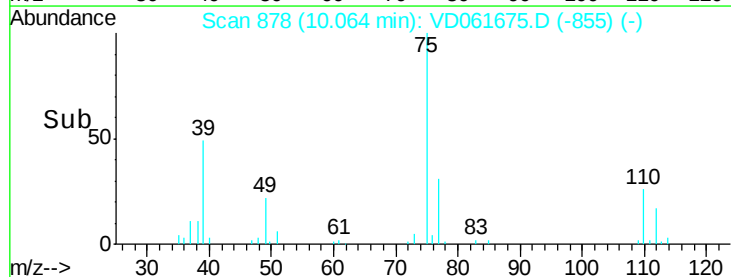
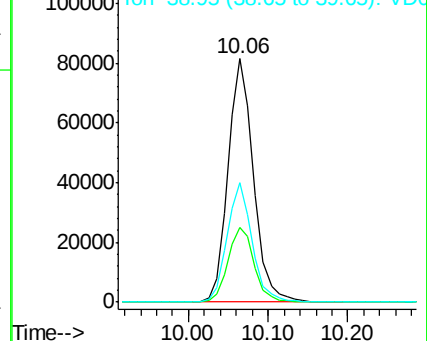
39 49.0 36.2 54.2

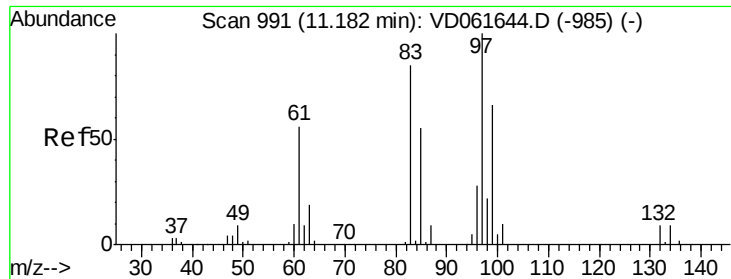


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

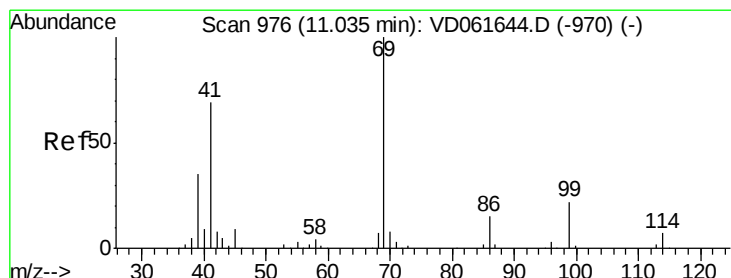
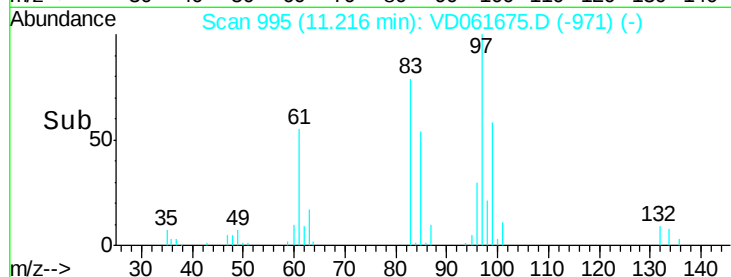
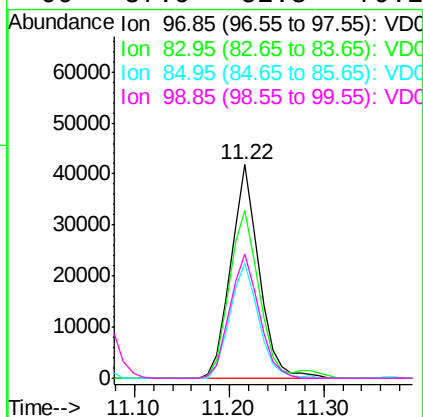
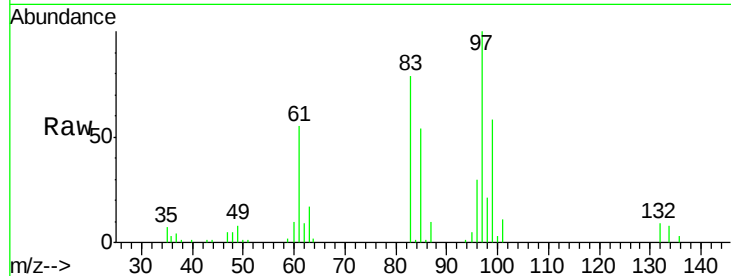




#55
 1,1,2-Trichloroethane
 Concen: 19.826 ug/l
 RT: 11.22 min Scan# 995
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

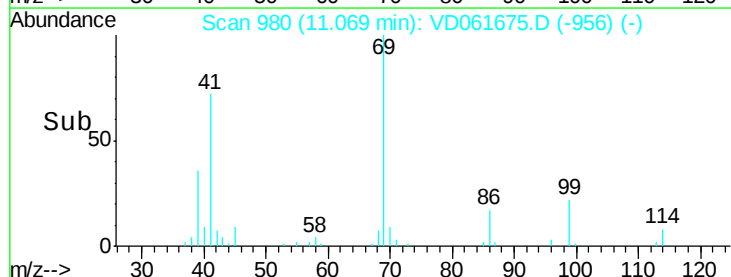
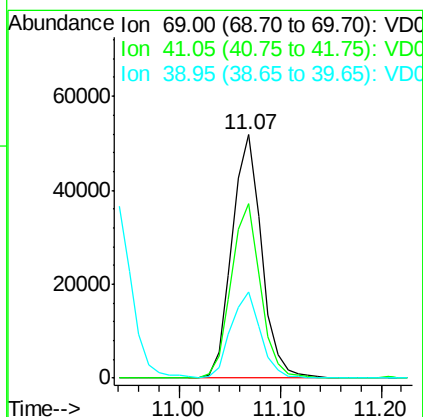
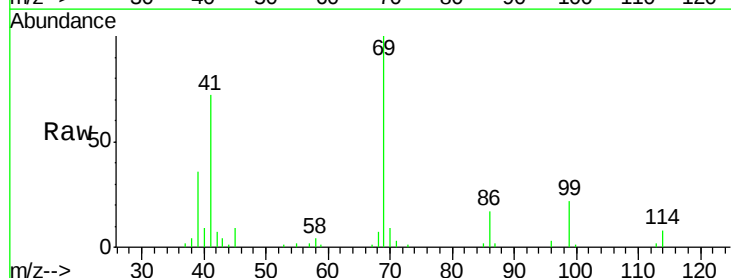
Instrument :
 MSVOA_D
 ClientSampleId :

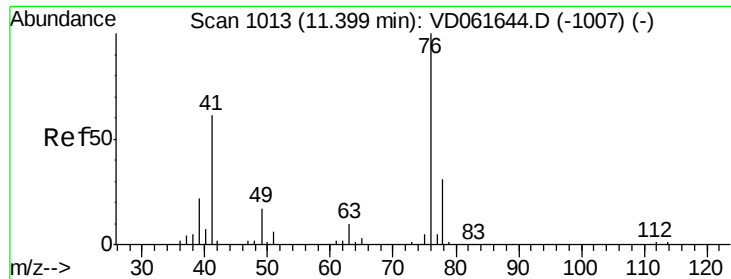
Tot Ion:	97	Resp:	86753
Ion	Ratio	Lower	Upper
97	100		
83	78.6	67.8	101.6
85	53.9	43.8	65.8
99	57.9	52.8	79.2



#56
 Ethyl methacrylate
 Concen: 22.902 ug/l
 RT: 11.07 min Scan# 980
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion:	69	Resp:	105718
Ion	Ratio	Lower	Upper
69	100		
41	71.6	55.2	82.8
39	35.5	28.6	43.0

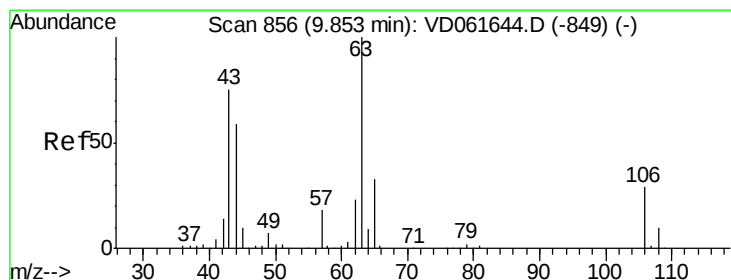
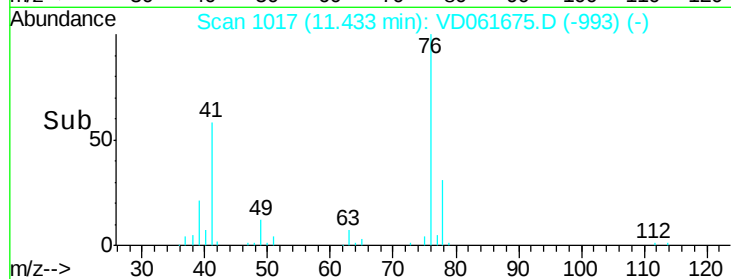
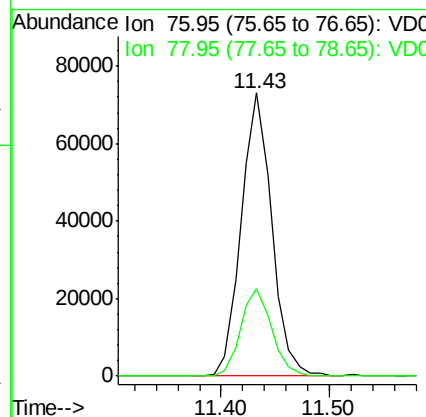
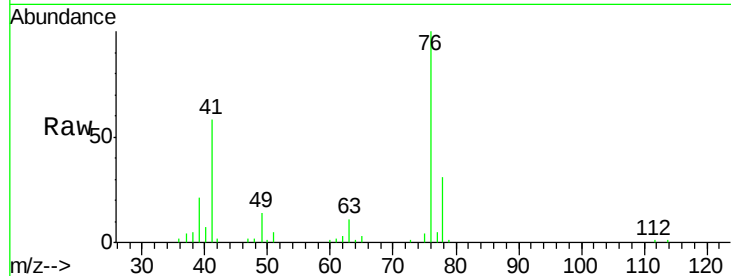




#57
 1,3-Dichloropropane
 Concen: 22.292 ug/l
 RT: 11.43 min Scan# 1017
 Delta R.T. 0.03 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

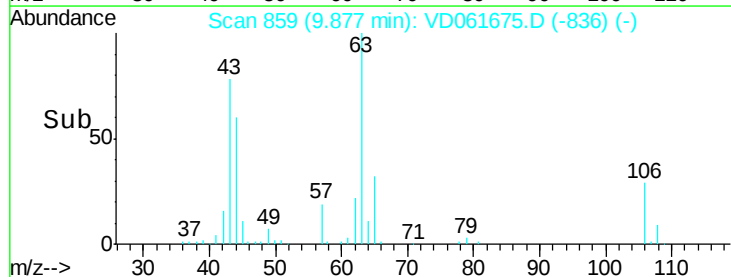
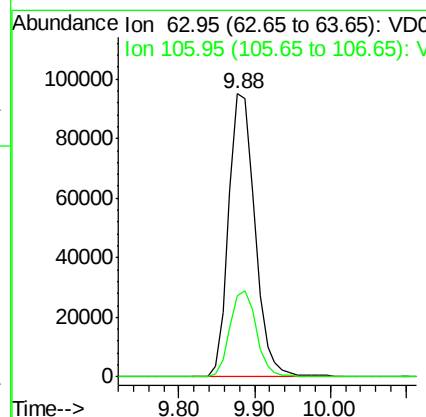
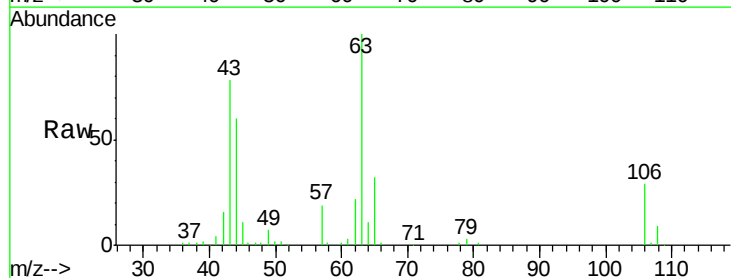
Instrument :
 MSVOA_D
 ClientSampled :

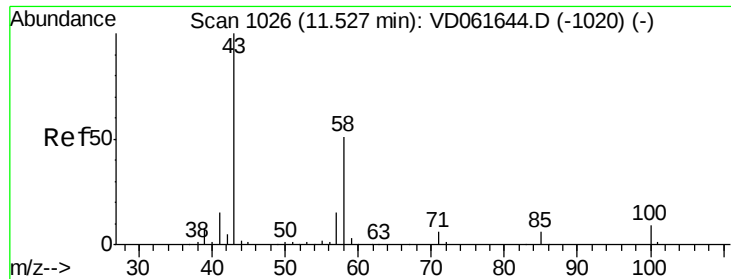
Tot Ion: 76 Resp: 142847
 Ion Ratio Lower Upper
 76 100
 78 30.8 24.5 36.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.074 ug/l
 RT: 9.88 min Scan# 859
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion: 63 Resp: 228862
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.0 34.6

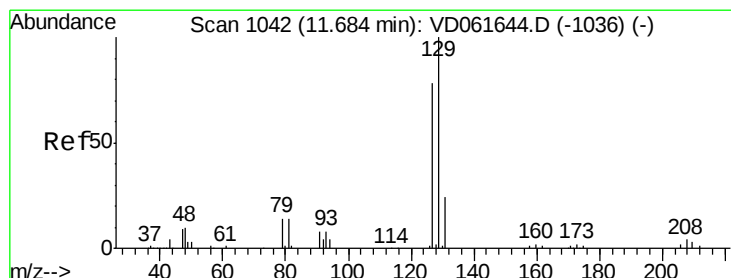
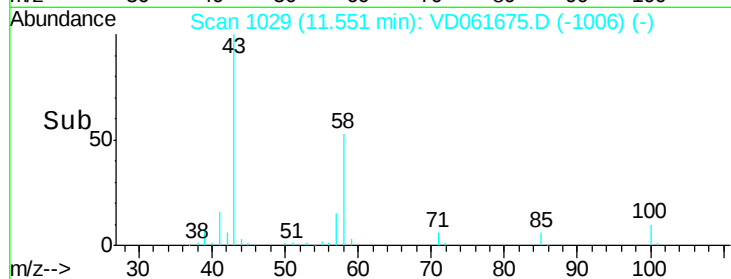
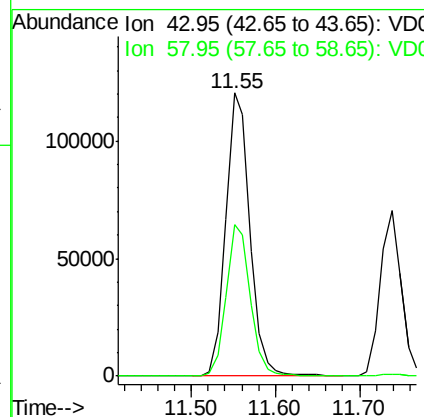
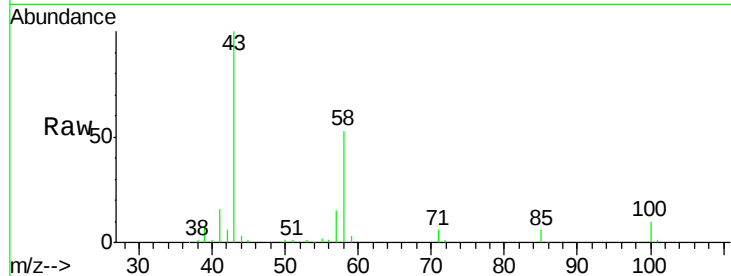




#59
2-Hexanone
Concen: 101.968 ug/l
RT: 11.55 min Scan# 1029
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

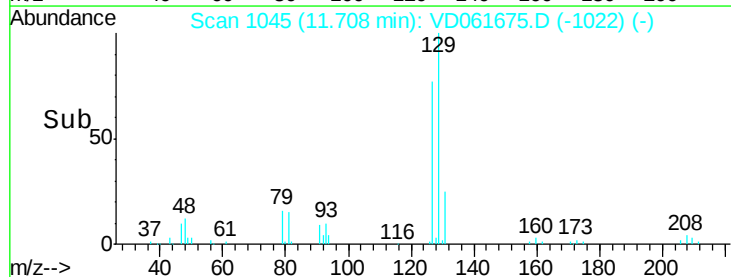
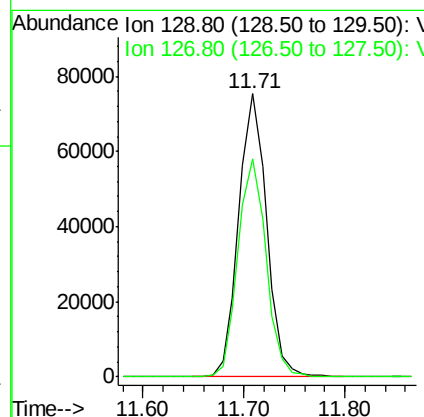
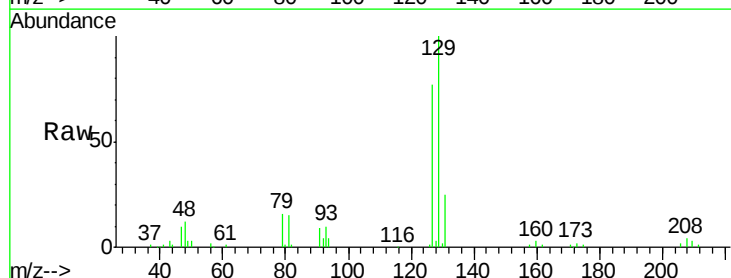
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 238261
Ion Ratio Lower Upper
43 100
58 53.4 25.6 76.8



#60
Dibromochloromethane
Concen: 21.046 ug/l
RT: 11.71 min Scan# 1045
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion:129 Resp: 145501
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

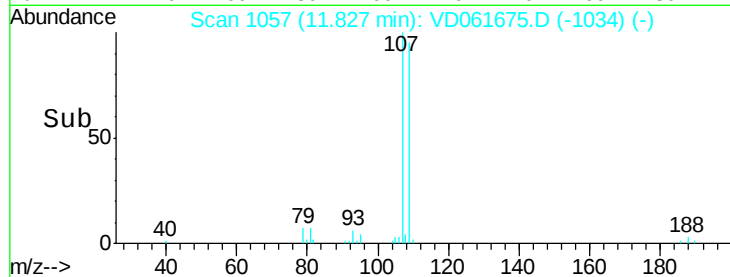
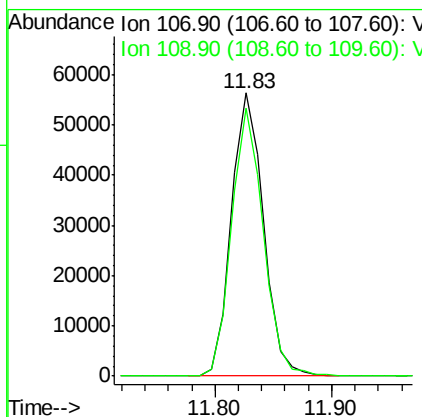
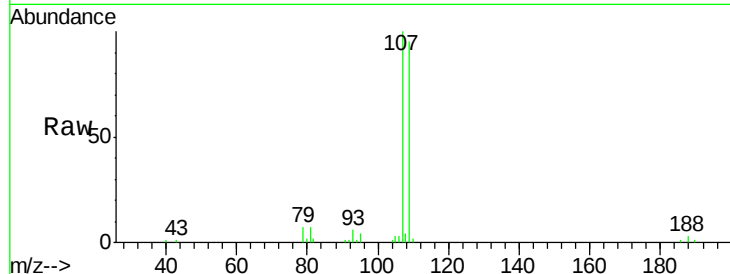




#61
 1,2-Dibromoethane
 Concen: 20.977 ug/l
 RT: 11.83 min Scan# 1057
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

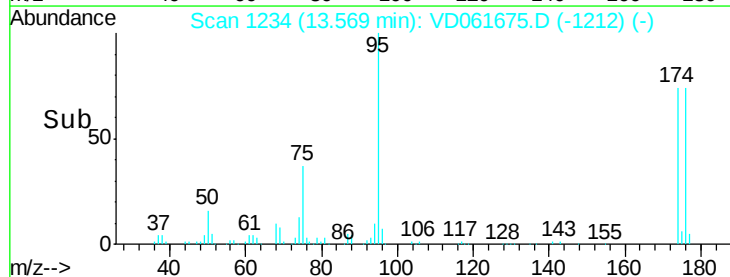
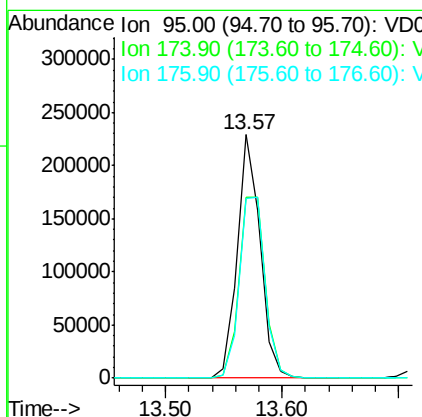
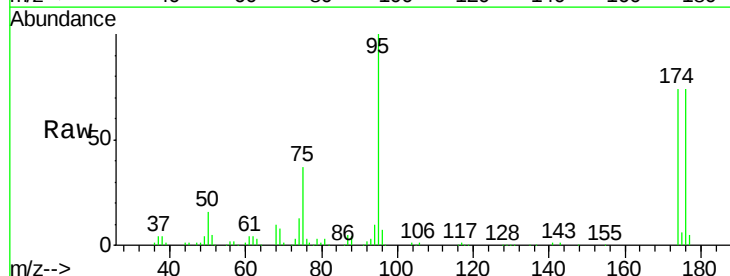
Instrument :
 MSVOA_D
 ClientSampleId :

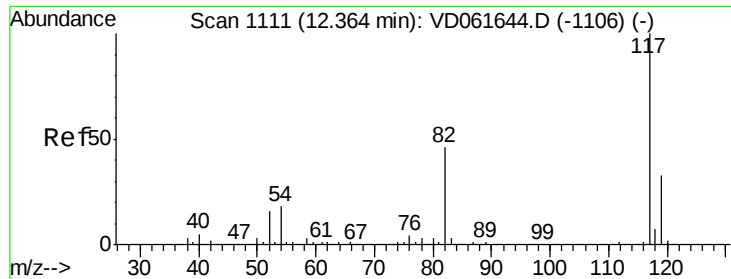
Tot Ion: 107 Resp: 107348
 Ion Ratio Lower Upper
 107 100
 109 94.7 79.2 118.8



#62
 4-Bromofluorobenzene
 Concen: 20.977 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion: 95 Resp: 310266
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 164.6
 176 73.8 0.0 165.0

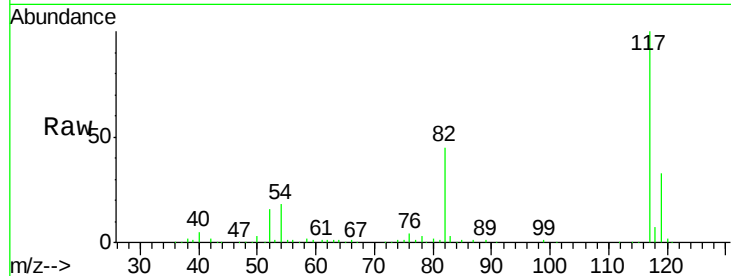




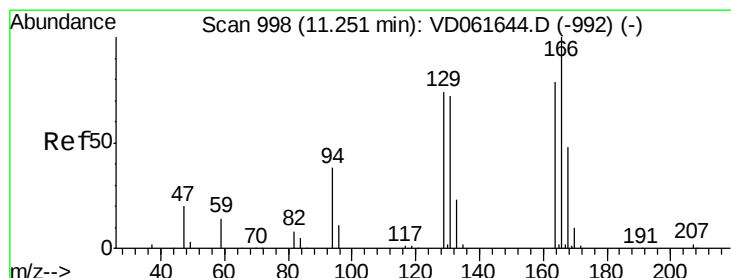
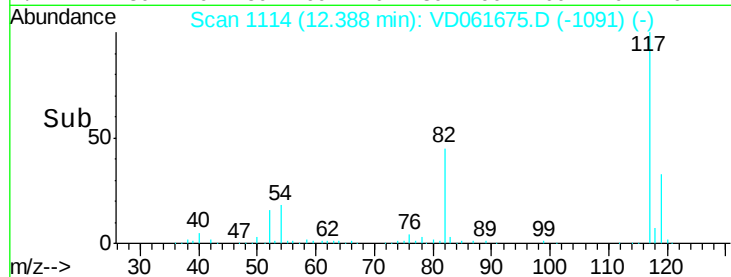
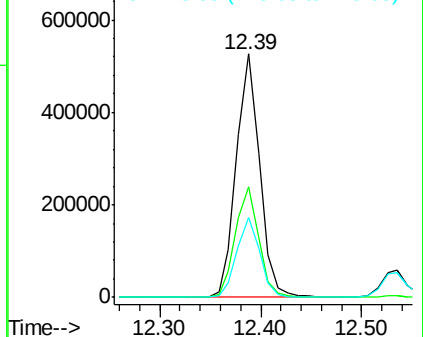
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 848223
Ion Ratio Lower Upper
117 100
82 45.3 36.8 55.2
119 32.9 26.1 39.1

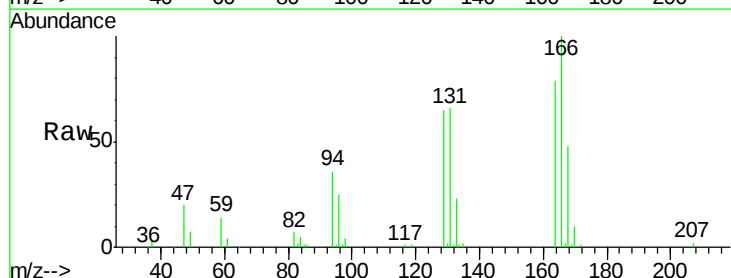


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

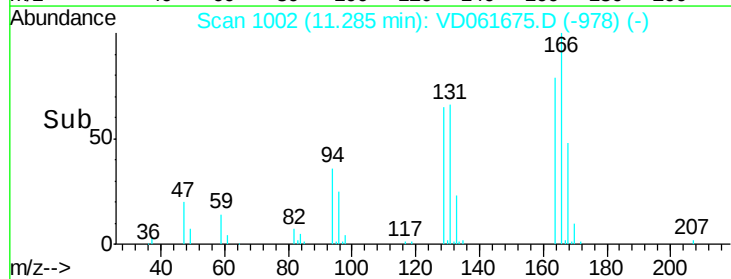
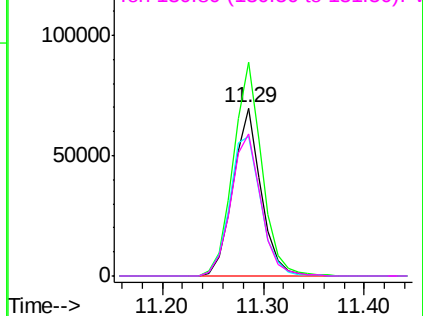


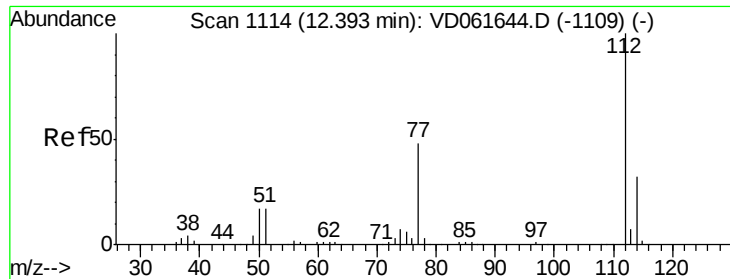
#64
Tetrachloroethene
Concen: 20.306 ug/l
RT: 11.29 min Scan# 1002
Delta R.T. 0.03 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion:164 Resp: 133702
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.8
129 83.3 75.4 113.0
131 84.5 73.6 110.4



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

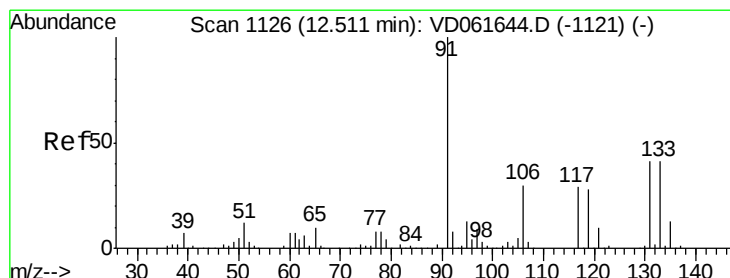
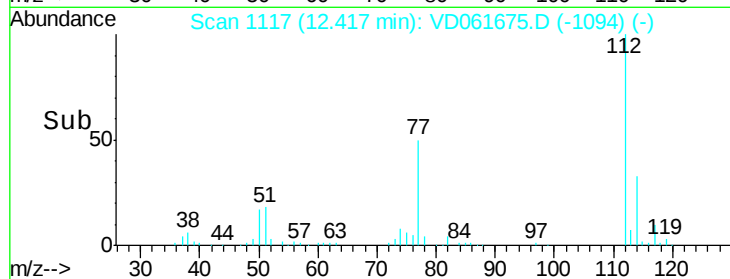
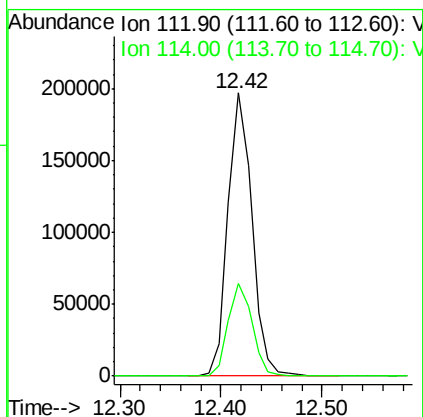
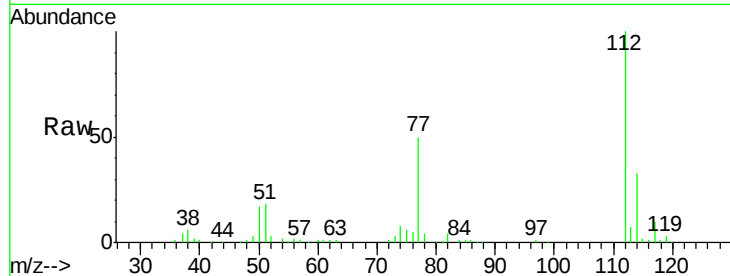




#65
Chlorobenzene
Concen: 19.355 ug/l
RT: 12.42 min Scan# 1117
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

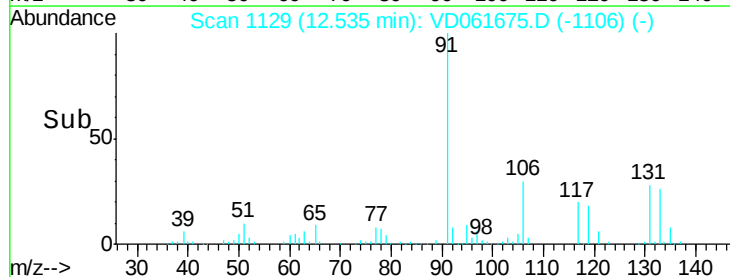
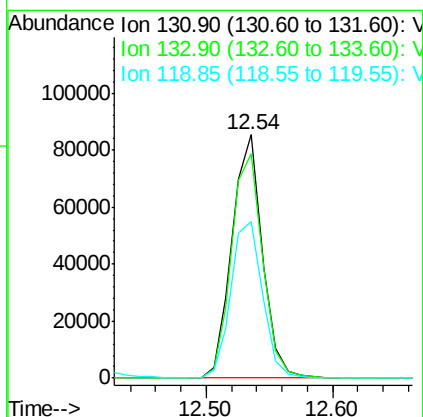
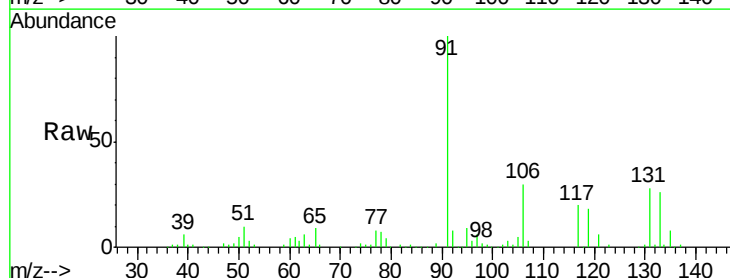
Instrument :
MSVOA_D
ClientSampled :

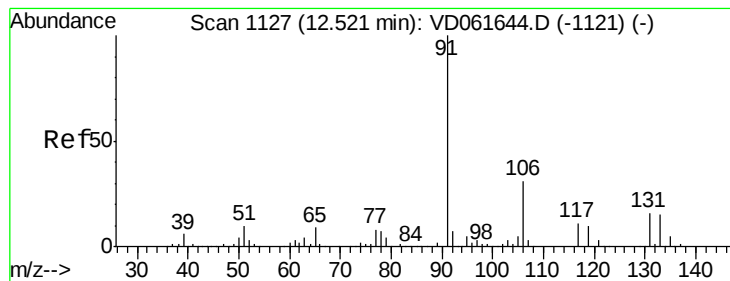
Tot Ion:112 Resp: 325576
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.892 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion:131 Resp: 141706
Ion Ratio Lower Upper
131 100
133 92.2 49.5 148.3
119 64.1 34.7 104.1





#67

Ethyl Benzene

Concen: 21.026 ug/l

RT: 12.55 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

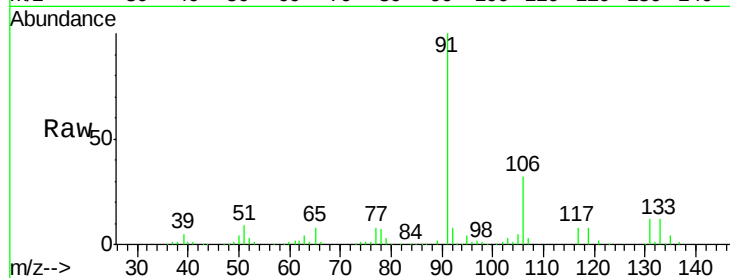
ClientSampled :

Tot Ion: 91 Resp: 538573

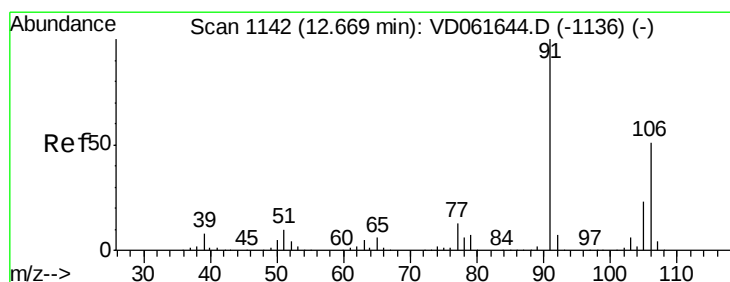
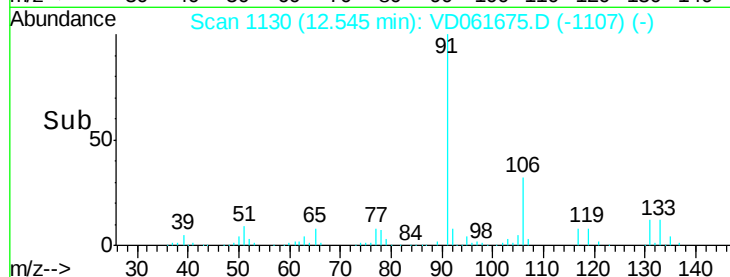
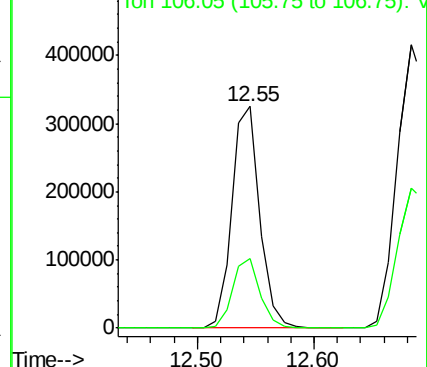
Ion Ratio Lower Upper

91 100

106 31.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.373 ug/l

RT: 12.68 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VD061675.D

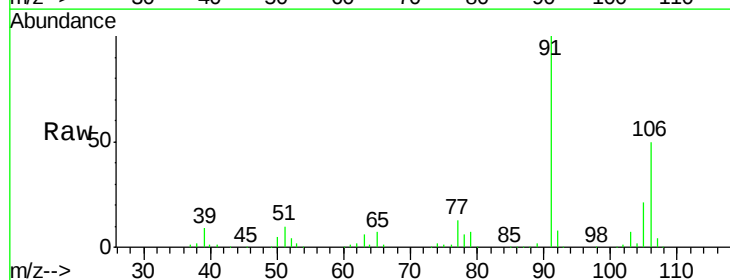
Acq: 9 Apr 2019 15:24

Tgt Ion:106 Resp: 418440

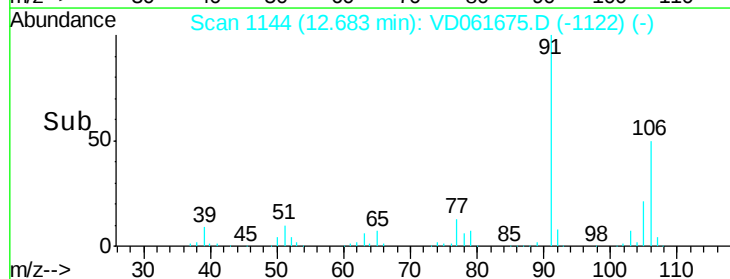
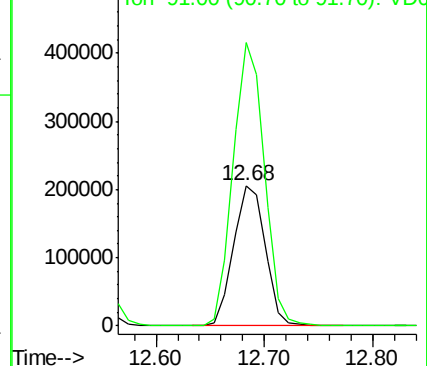
Ion Ratio Lower Upper

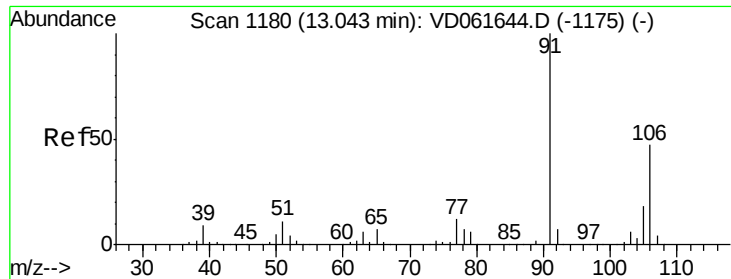
106 100

91 201.9 156.7 235.1



Abundance Ion 106.05 (105.75 to 106.75): V

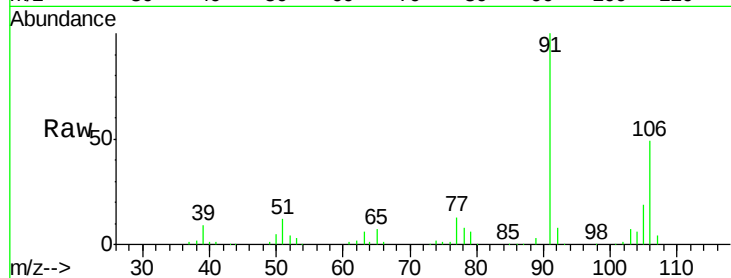




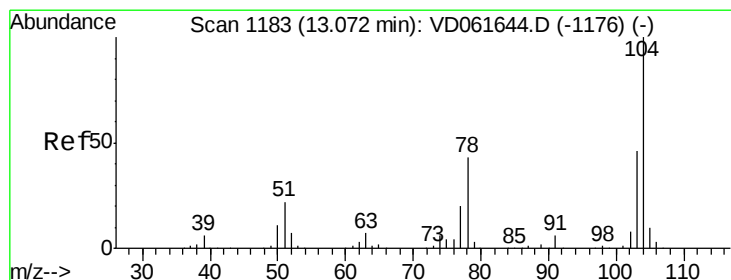
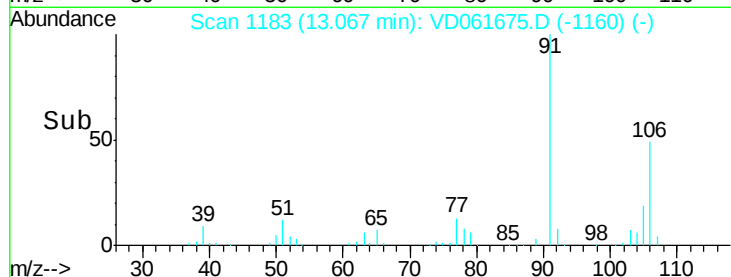
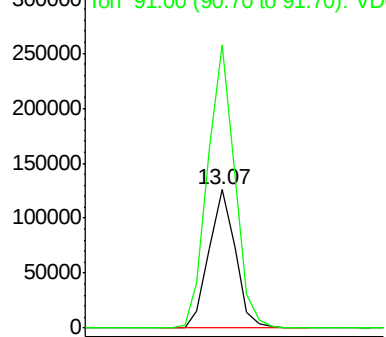
#69
o-Xylene
Concen: 19.152 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 182568
Ion Ratio Lower Upper
106 100
91 204.1 107.3 321.9

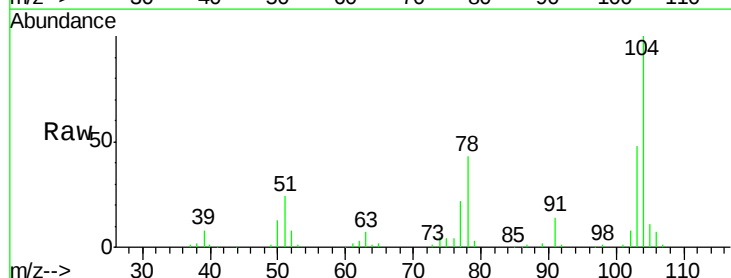


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

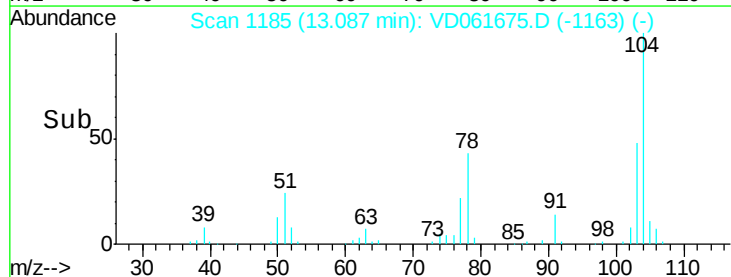
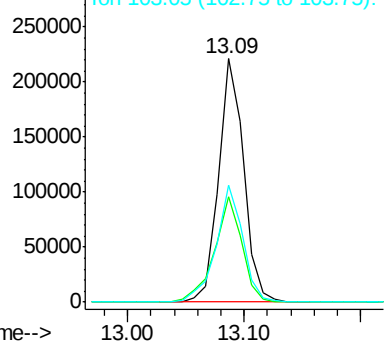


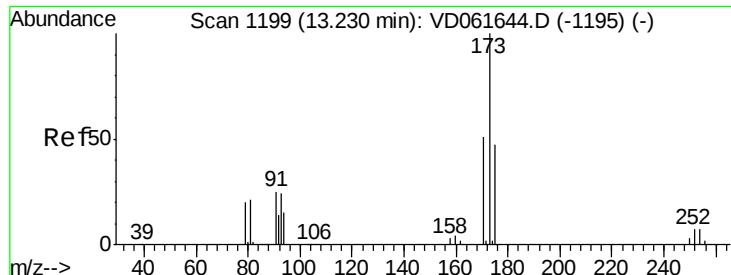
#70
Styrene
Concen: 20.291 ug/l
RT: 13.09 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion:104 Resp: 330335
Ion Ratio Lower Upper
104 100
78 43.4 34.2 51.4
103 47.9 37.2 55.8



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: 19.115 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

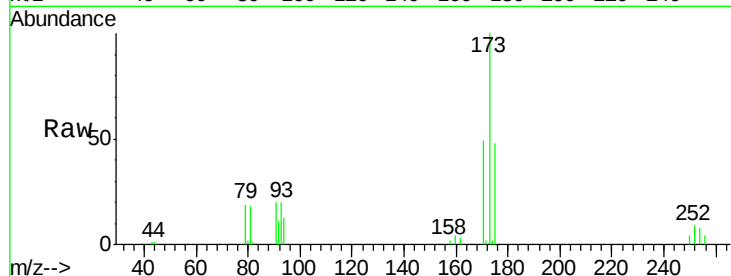
Tot Ion:173 Resp: 76769

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

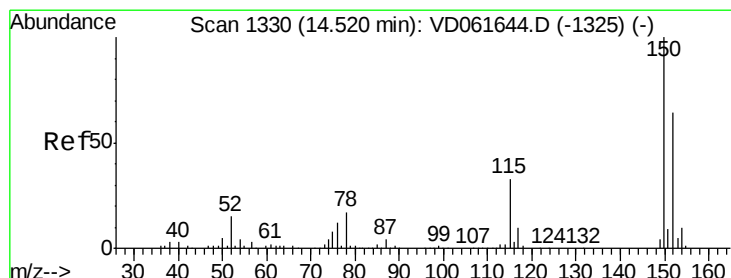
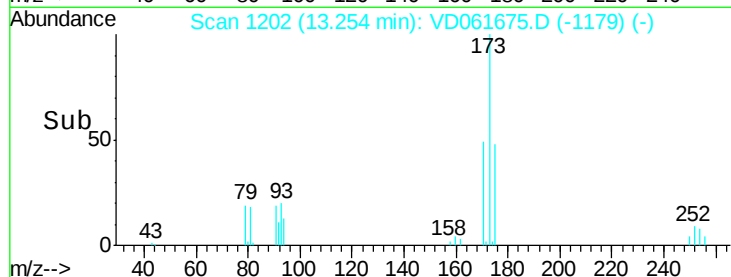
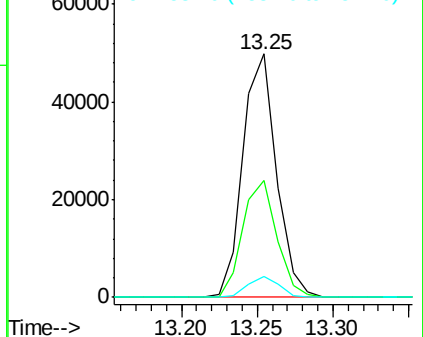
254 8.4 5.8 8.6



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: 14.53 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

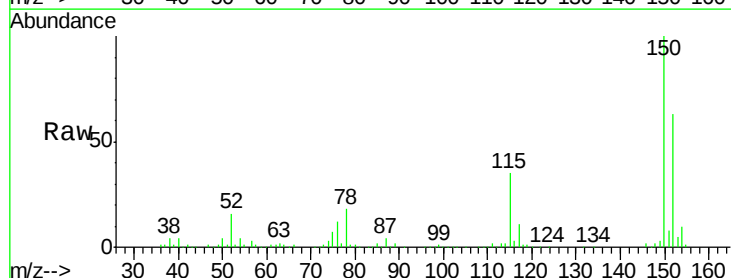
Tgt Ion:152 Resp: 349000

Ion Ratio Lower Upper

152 100

115 55.5 26.4 79.2

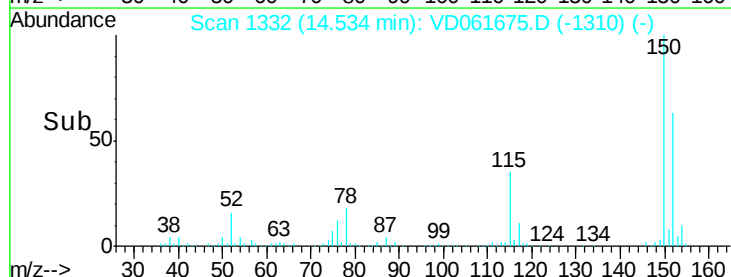
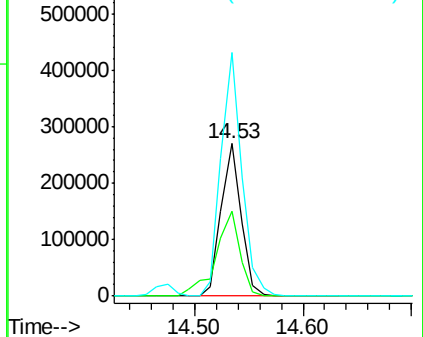
150 159.9 0.0 320.6



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: 21.086 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

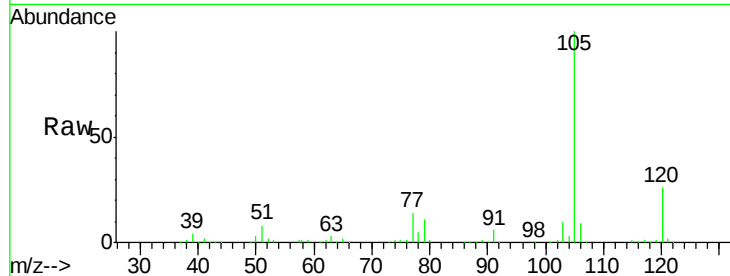
ClientSampleId :

Tot Ion:105 Resp: 490339

Ion Ratio Lower Upper

105 100

120 25.5 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.42

300000

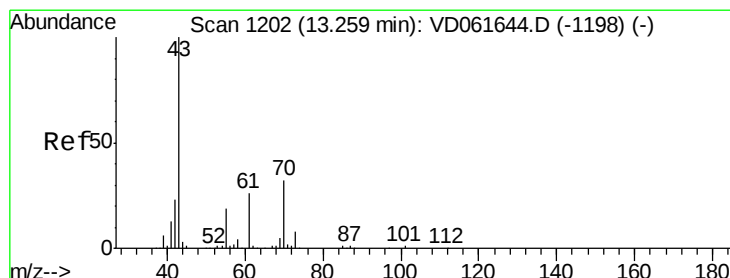
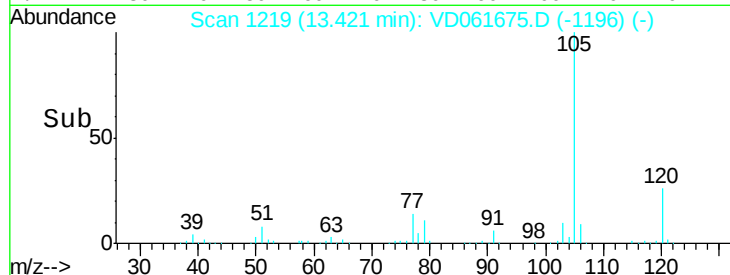
200000

100000

0

Time-->

13.40 13.50



#74

N-ethyl acetate

Concen: 21.693 ug/l

RT: 13.28 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Tgt Ion: 43 Resp: 137062

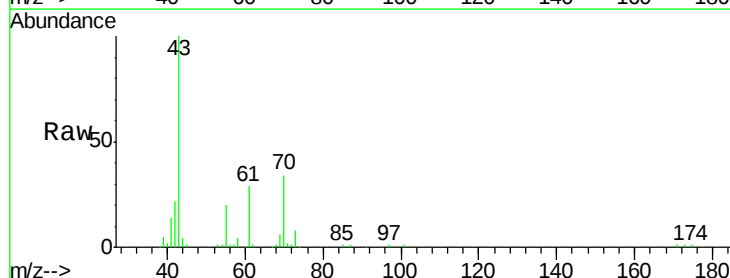
Ion Ratio Lower Upper

43 100

70 34.2 25.4 38.2

55 20.3 15.0 22.4

61 28.9 20.9 31.3



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

150000

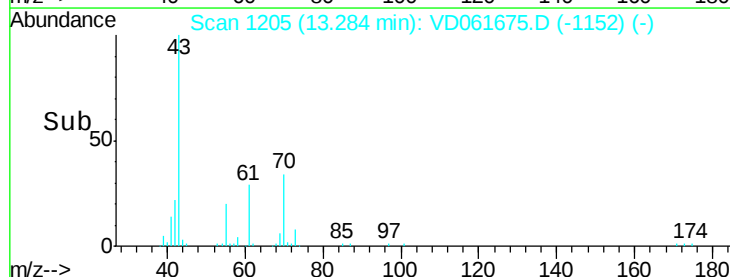
100000

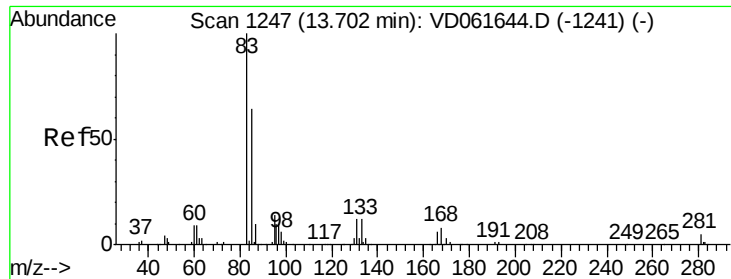
50000

0

Time-->

13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 20.924 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampled :

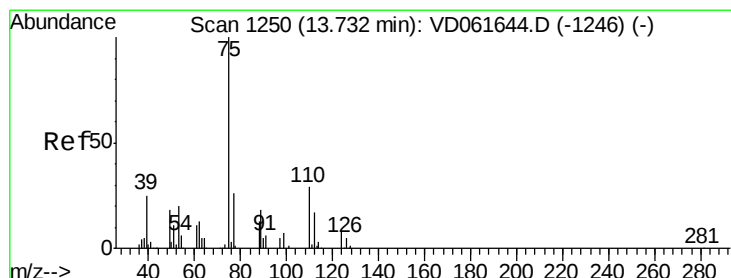
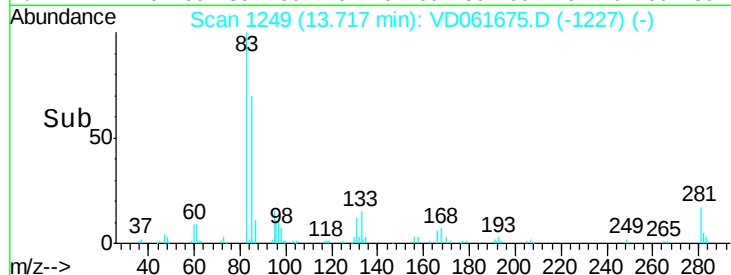
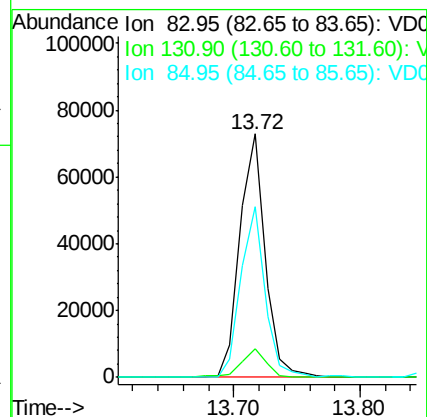
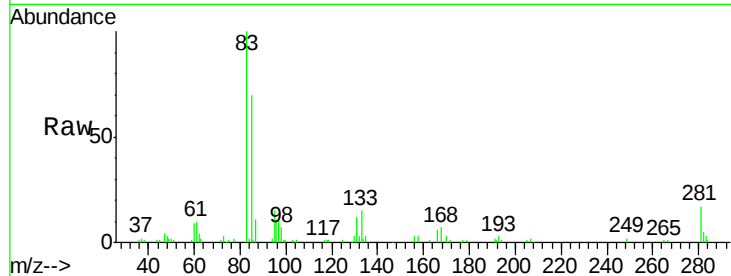
Tot Ion: 83 Resp: 100608

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.6

85 70.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 21.073 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VD061675.D

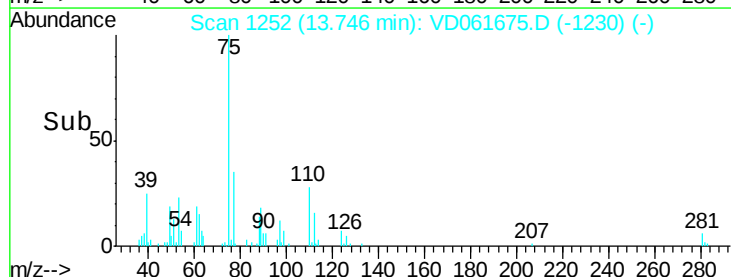
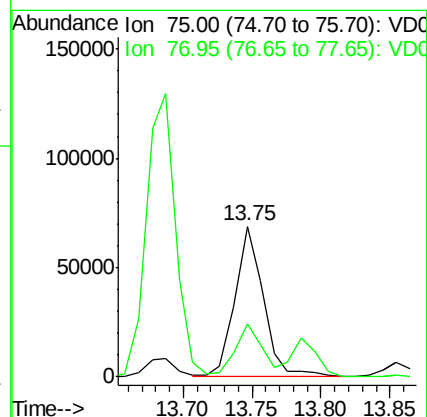
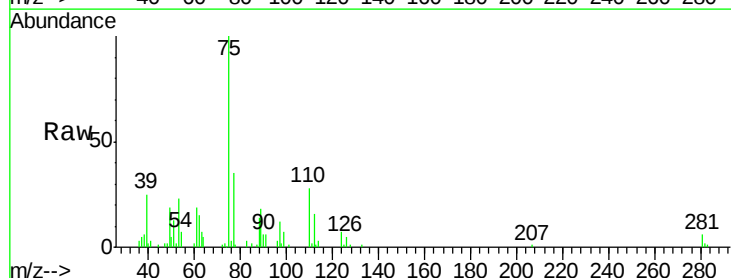
Acq: 9 Apr 2019 15:24

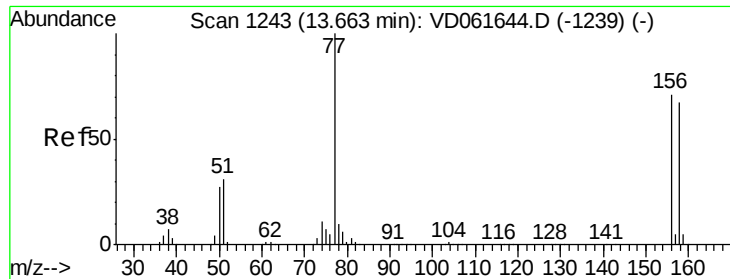
Tgt Ion: 75 Resp: 100059

Ion Ratio Lower Upper

75 100

77 35.3 15.7 47.1





#77

Bromobenzene

Concen: 23.037 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.02 min

Lab File: VD061675.D

Acq: 9 Apr 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

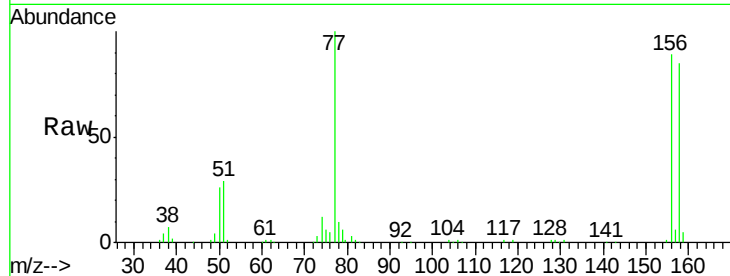
Tot Ion:156 Resp: 155499

Ion Ratio Lower Upper

156 100

77 112.5 70.3 210.8

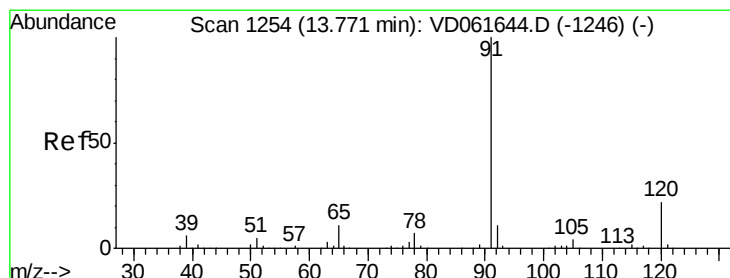
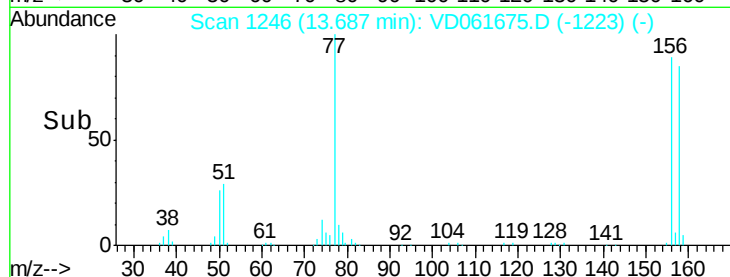
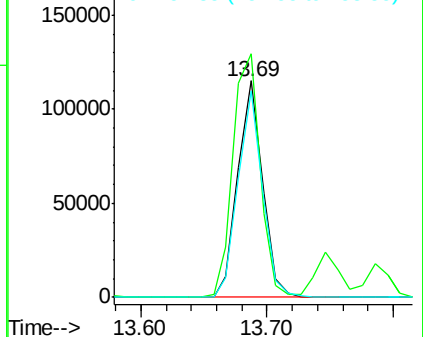
158 95.6 47.4 142.2



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: 22.933 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VD061675.D

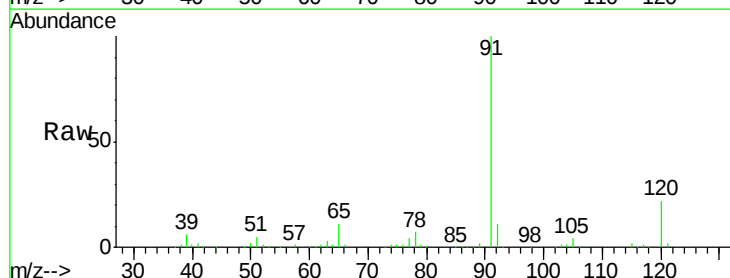
Acq: 9 Apr 2019 15:24

Tgt Ion: 91 Resp: 637928

Ion Ratio Lower Upper

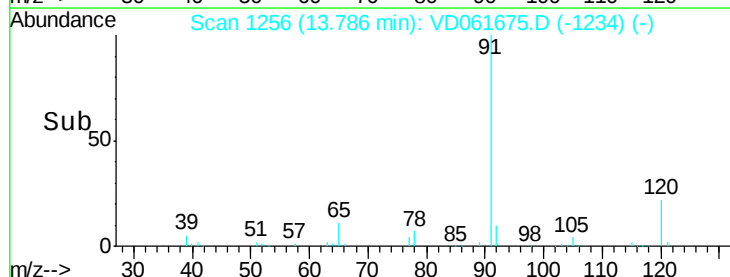
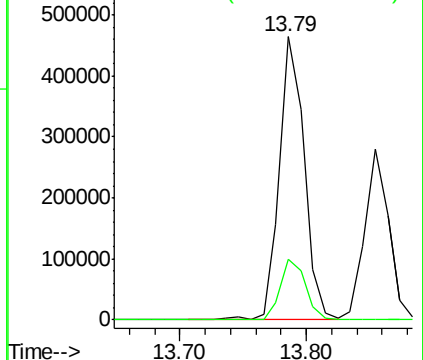
91 100

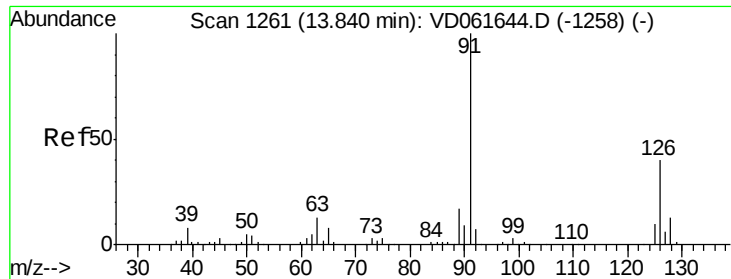
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

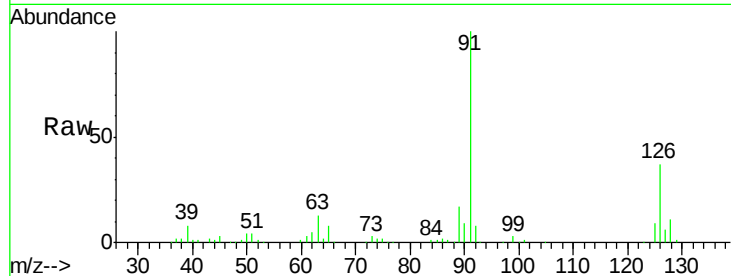




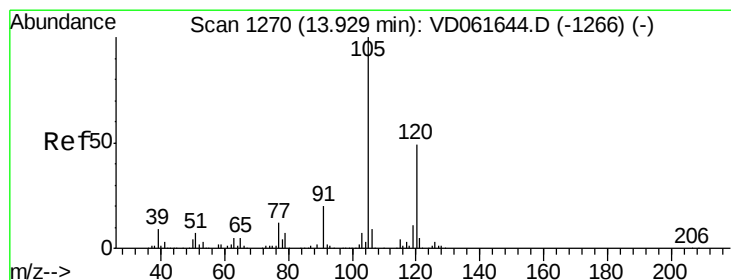
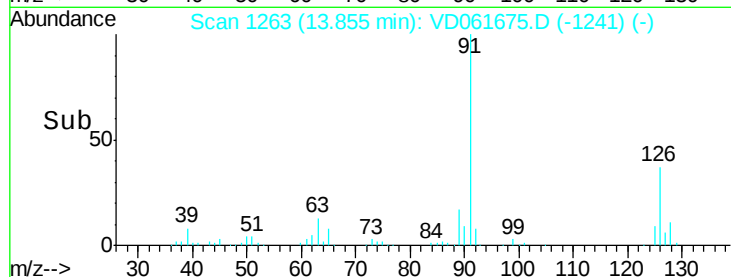
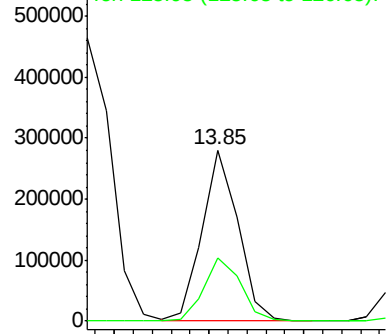
#79
 2-Chlorotoluene
 Concen: 22.971 ug/l
 RT: 13.85 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 91 Resp: 365410
 Ion Ratio Lower Upper
 91 100
 126 37.1 20.0 59.9

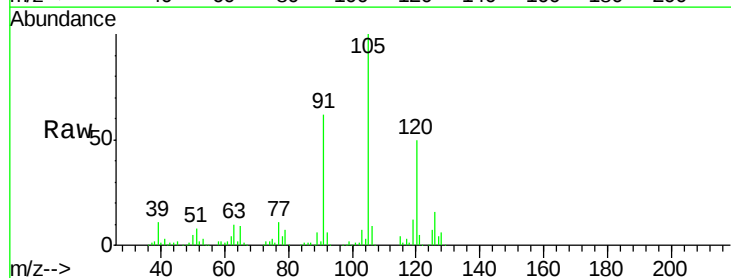


Abundance Ion 91.00 (90.70 to 91.70): VD061644.D (-1258) (-)
 Ion 125.95 (125.65 to 126.65): VD061644.D (-1258) (-)

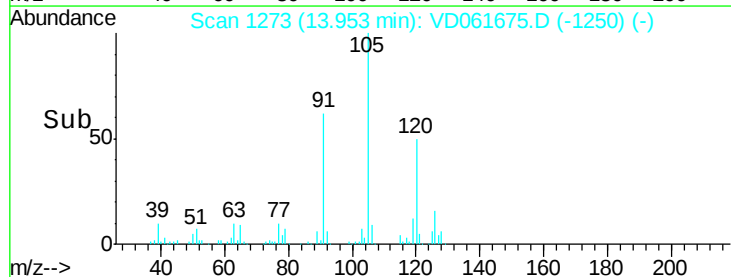
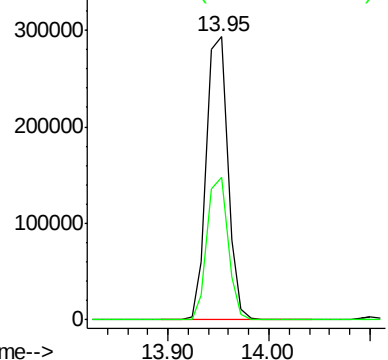


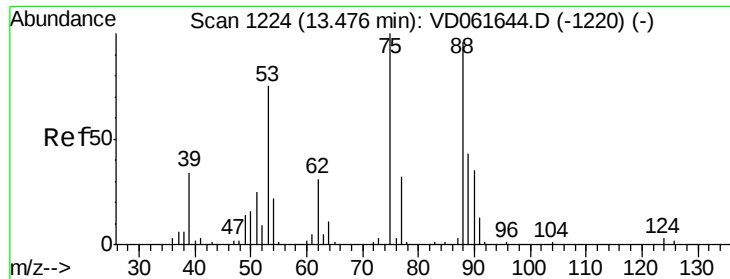
#80
 1,3,5-Trimethylbenzene
 Concen: 23.480 ug/l
 RT: 13.95 min Scan# 1273
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion: 105 Resp: 433376
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): VD061644.D (-1266) (-)
 Ion 120.05 (119.75 to 120.75): VD061644.D (-1266) (-)

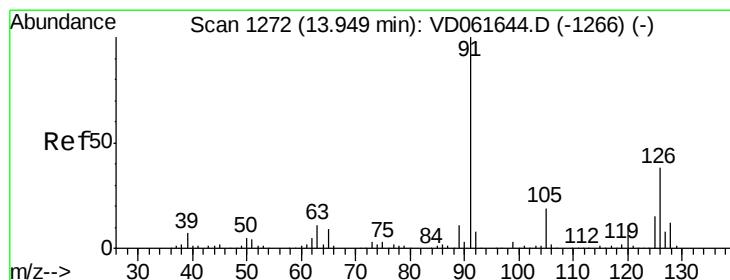
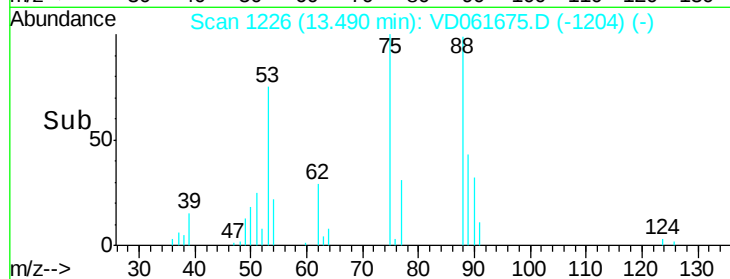
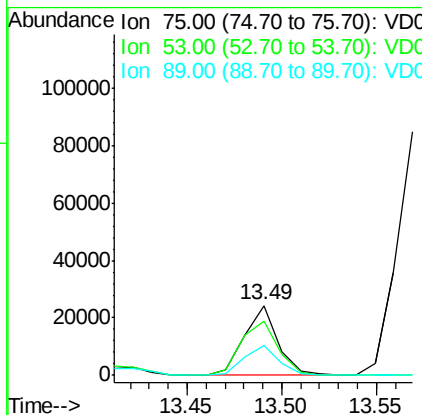
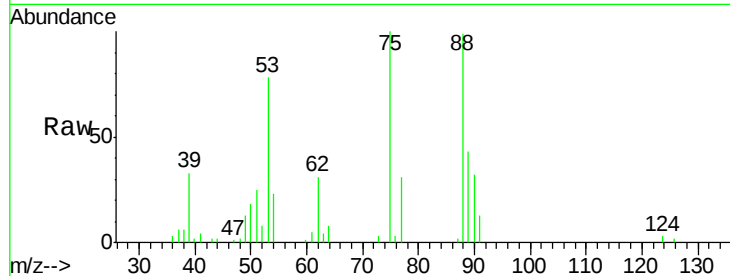




#81
trans-1,4-Dichloro-2-butene
Concen: 20.707 ug/l
RT: 13.49 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

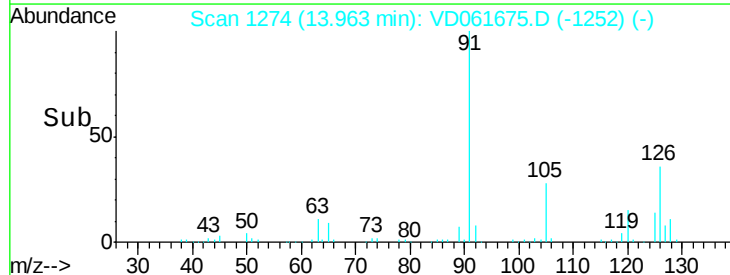
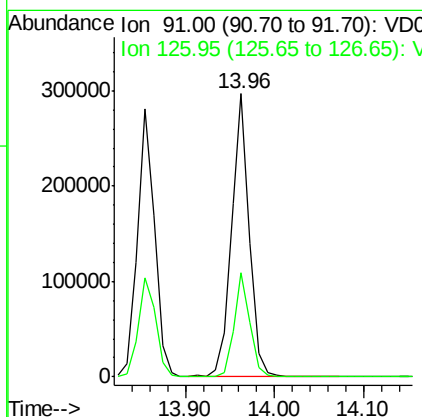
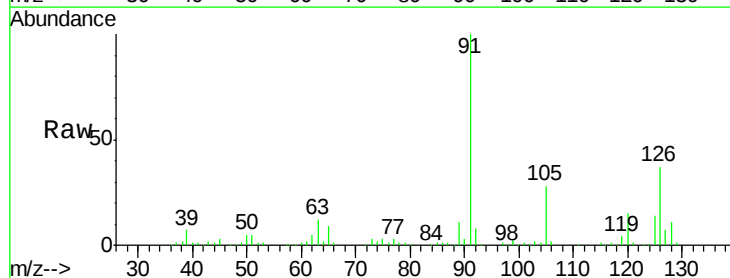
Instrument :
MSVOA_D
ClientSampleId :

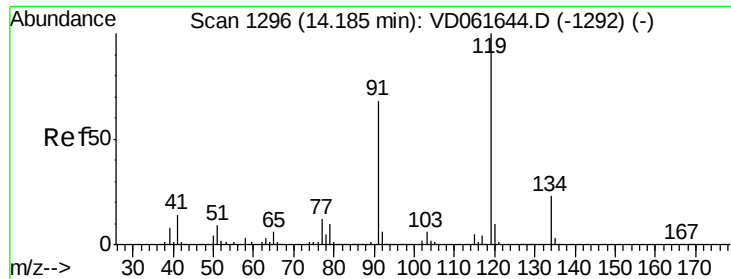
Tot Ion: 75 Resp: 29835
Ion Ratio Lower Upper
75 100
53 77.8 60.2 90.2
89 43.1 34.2 51.2



#82
4-Chlorotoluene
Concen: 24.012 ug/l
RT: 13.96 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 91 Resp: 418545
Ion Ratio Lower Upper
91 100
126 37.0 19.0 57.0

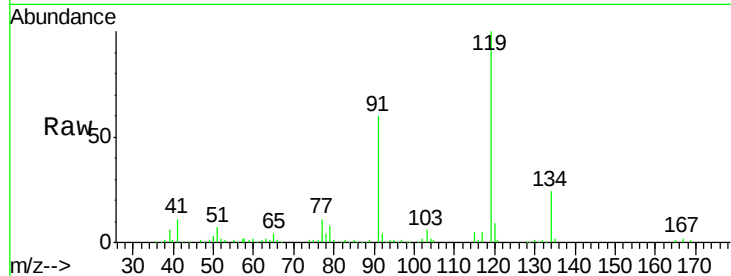




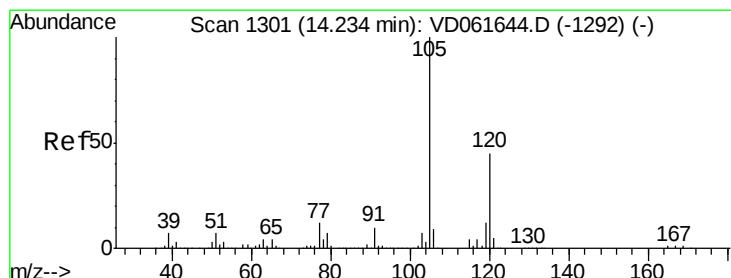
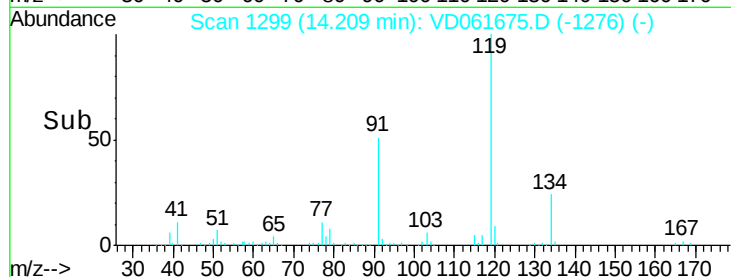
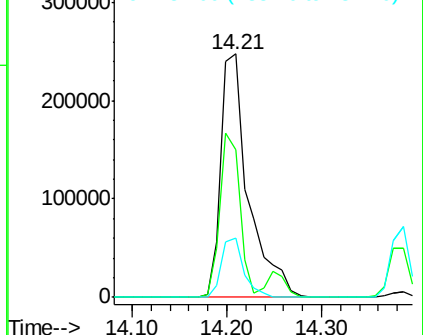
#83
tert-Butylbenzene
Concen: 22.469 ug/l
RT: 14.21 min Scan# 1299
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 500013
Ion Ratio Lower Upper
119 100
91 60.4 33.9 101.6
134 24.2 11.6 34.8

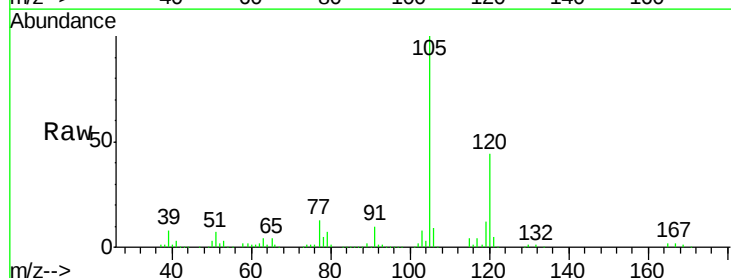


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

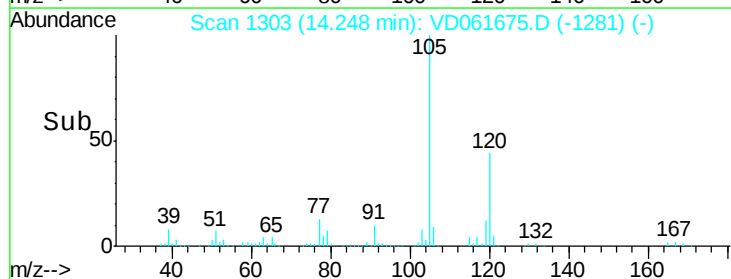
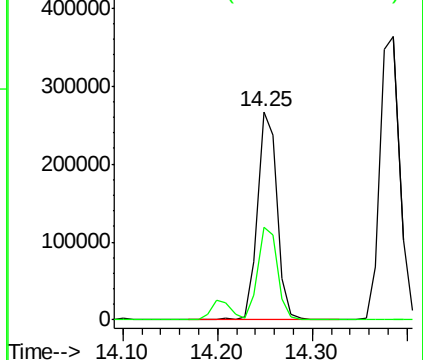


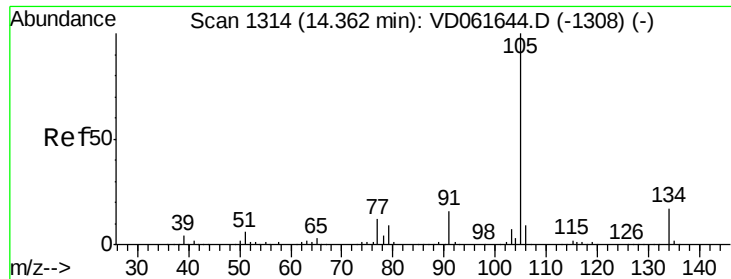
#84
1,2,4-Trimethylbenzene
Concen: 20.663 ug/l
RT: 14.25 min Scan# 1303
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion:105 Resp: 384914
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8



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

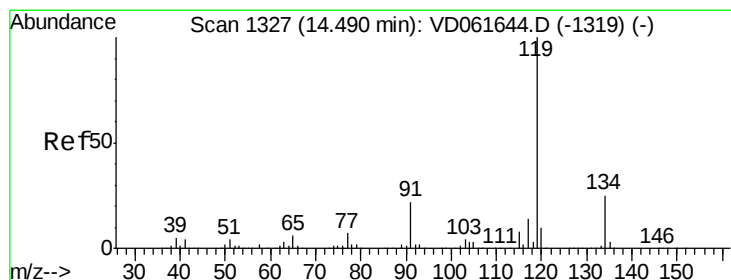
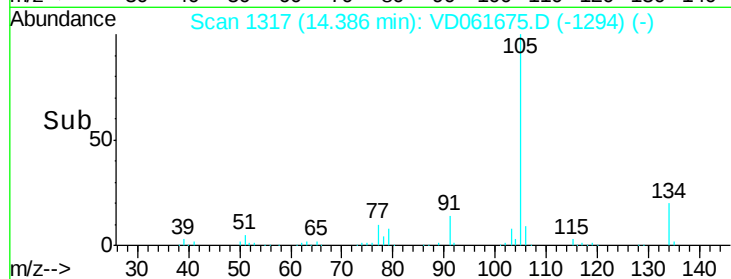
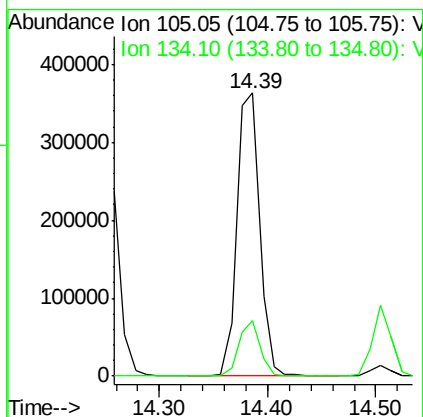
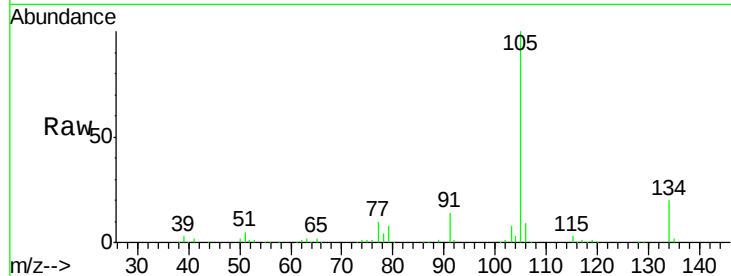




#85
 sec-Butylbenzene
 Concen: 22.210 ug/l
 RT: 14.39 min Scan# 1317
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

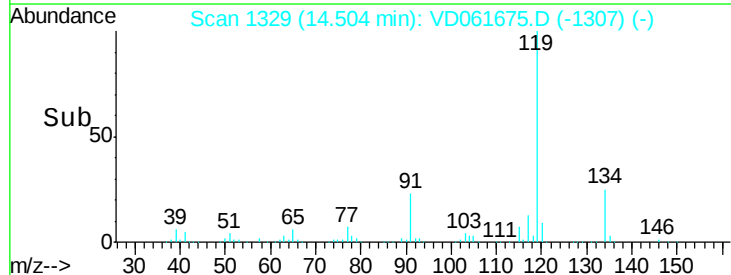
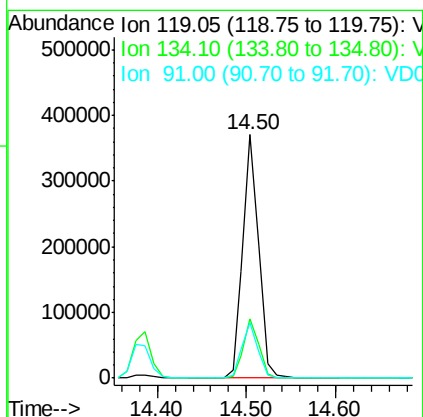
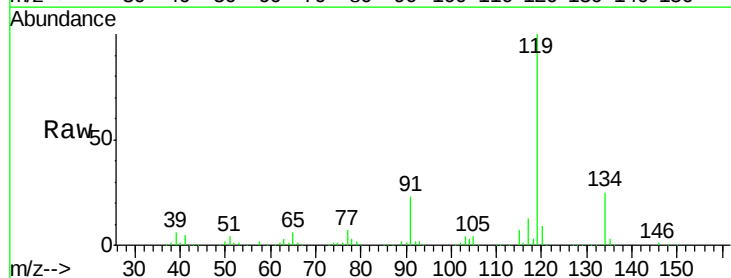
Instrument :
 MSVOA_D
 ClientSampleID :

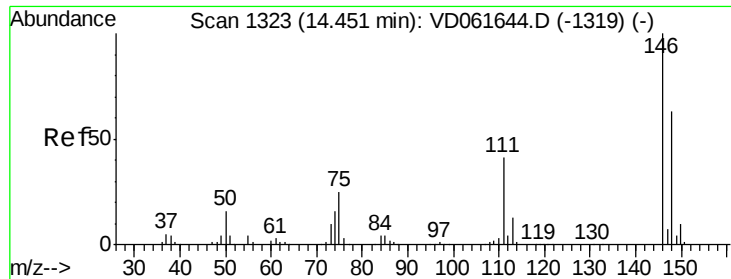
Tot Ion:105 Resp: 534015
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 22.156 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion:119 Resp: 462128
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 22.7 11.0 33.0

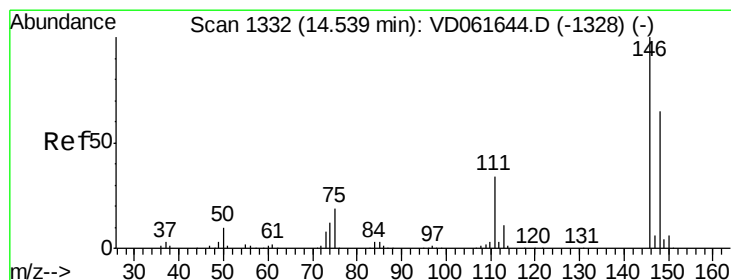
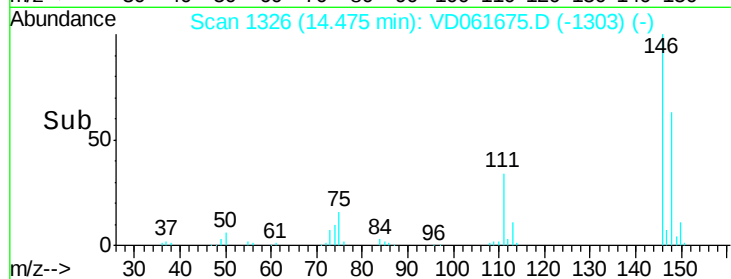
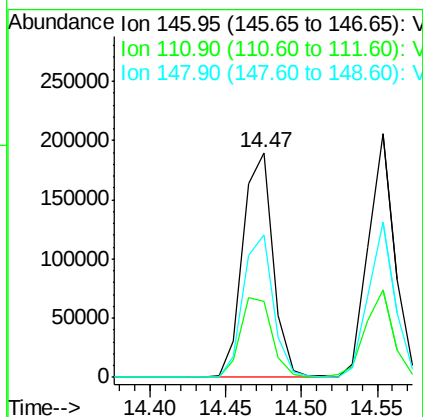
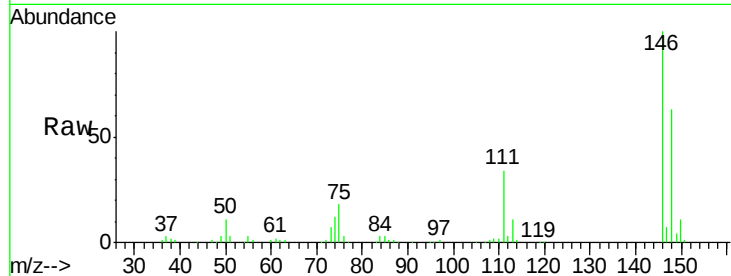




#87
 1,3-Dichlorobenzene
 Concen: 22.743 ug/l
 RT: 14.47 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

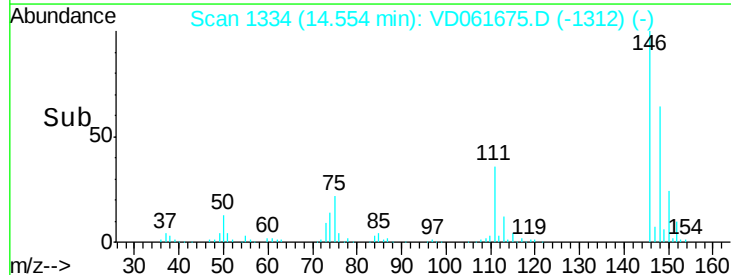
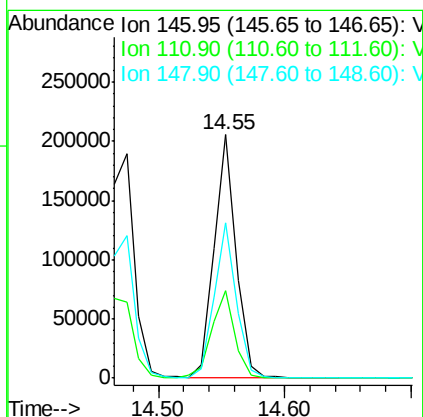
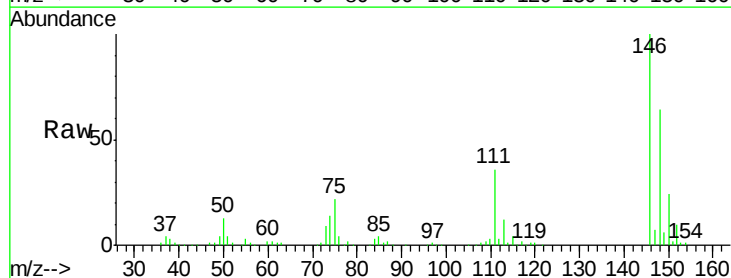
Instrument :
 MSVOA_D
 ClientSampleId :

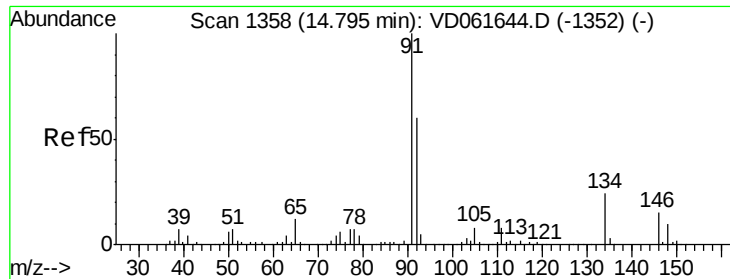
Tot Ion:146 Resp: 264198
 Ion Ratio Lower Upper
 146 100
 111 33.7 20.3 61.0
 148 63.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 21.254 ug/l
 RT: 14.55 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion:146 Resp: 249118
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.1 51.2
 148 64.0 32.6 97.7

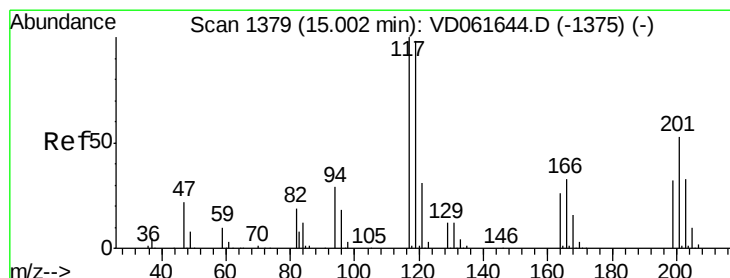
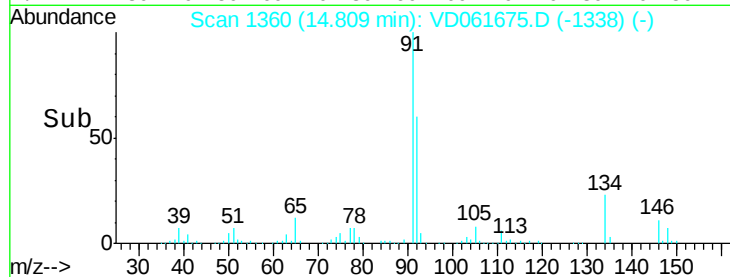
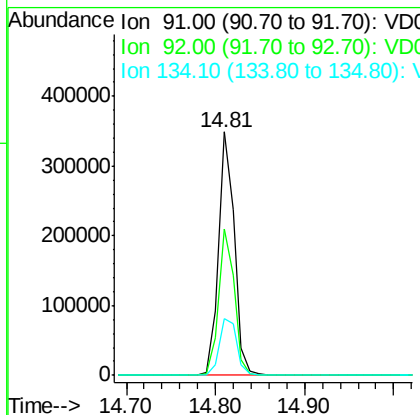
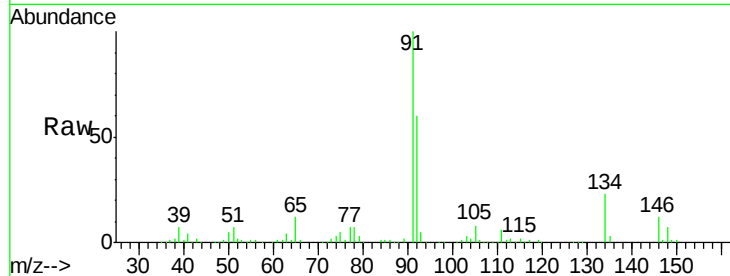




#89
n-Butylbenzene
Concen: 23.952 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

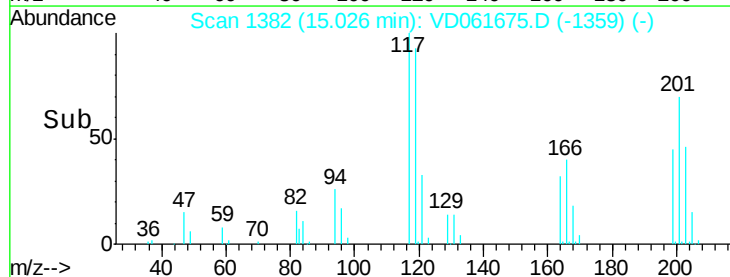
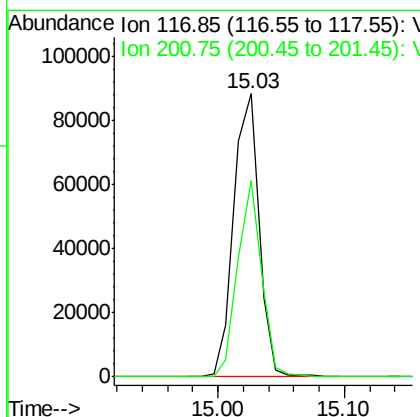
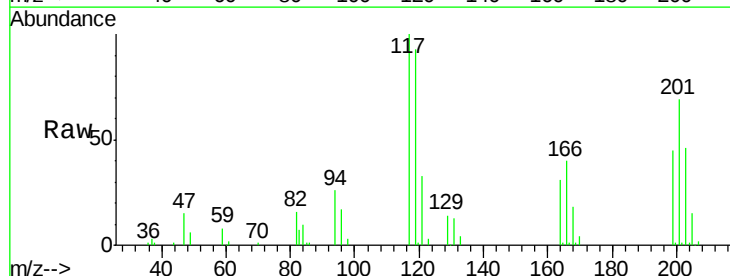
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 434240
Ion Ratio Lower Upper
91 100
92 60.2 29.8 89.4
134 23.5 12.2 36.4



#90
Hexachloroethane
Concen: 21.694 ug/l
RT: 15.03 min Scan# 1382
Delta R.T. 0.02 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion: 117 Resp: 122781
Ion Ratio Lower Upper
117 100
201 69.2 26.3 78.8

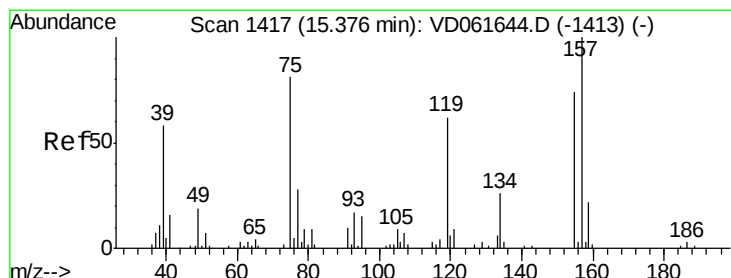
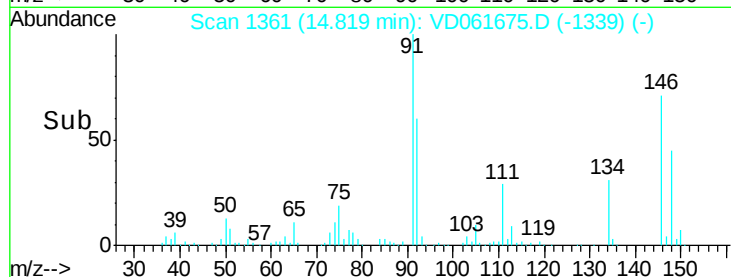
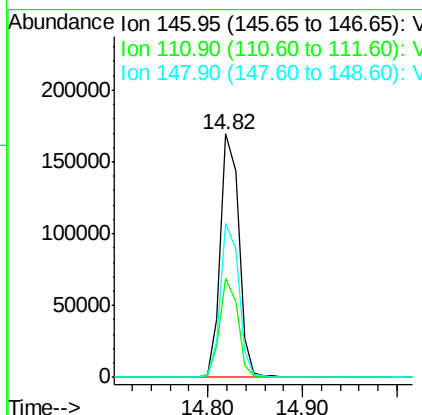
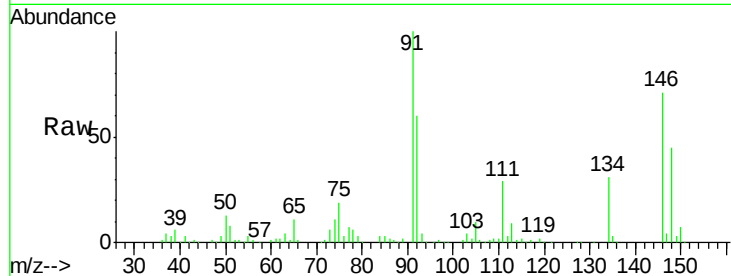




#91
 1,2-Dichlorobenzene
 Concen: 24.097 ug/l
 RT: 14.82 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

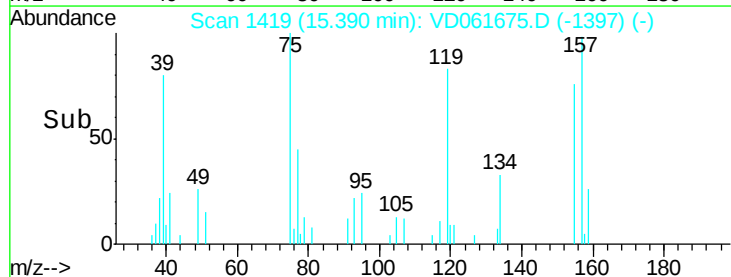
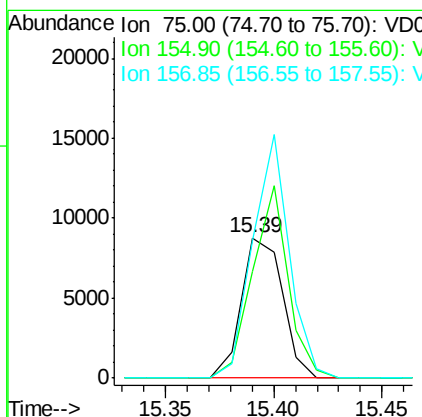
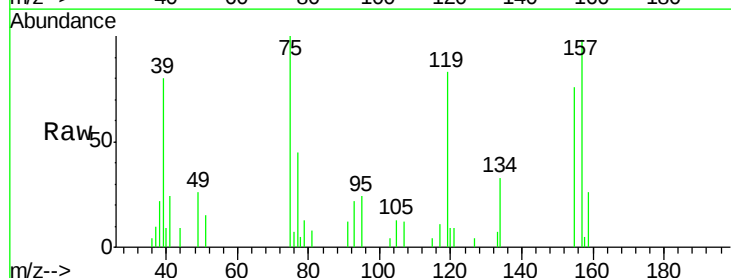
Instrument :
 MSVOA_D
 ClientSampleID :

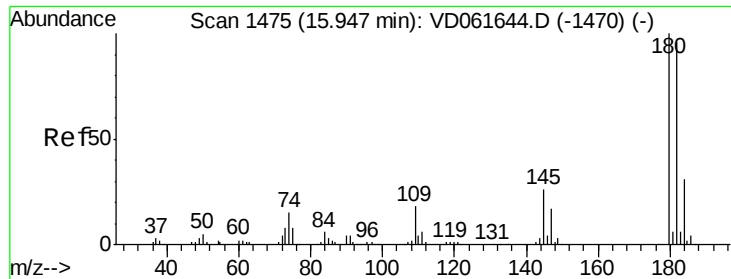
Tot Ion:146 Resp: 230708
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.1 63.3
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.887 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.02 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion: 75 Resp: 11539
 Ion Ratio Lower Upper
 75 100
 155 75.9 45.6 136.7
 157 97.7 61.4 184.2

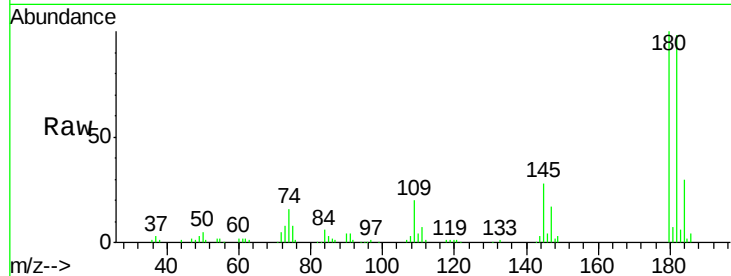




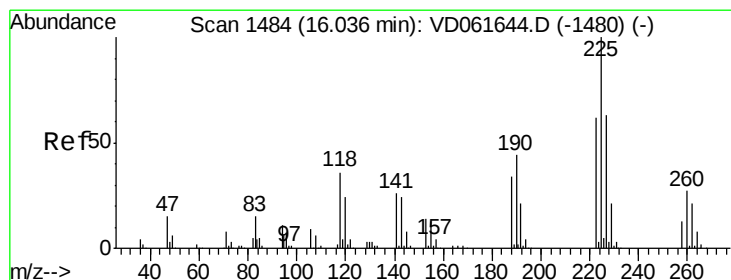
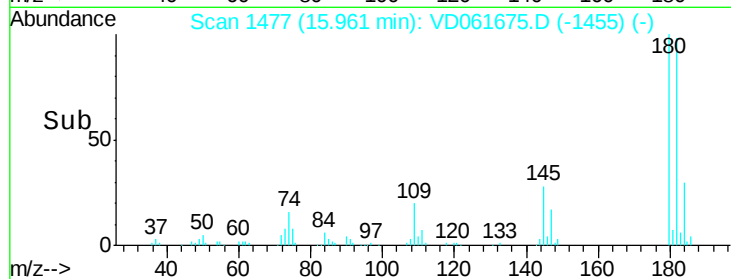
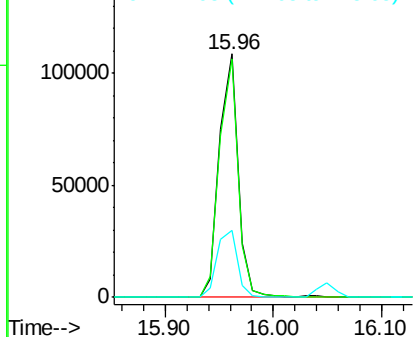
#93
 1,2,4-Trichlorobenzene
 Concen: 27.013 ug/l
 RT: 15.96 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:180 Resp: 131764
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.8 143.3
 145 27.8 13.3 39.8

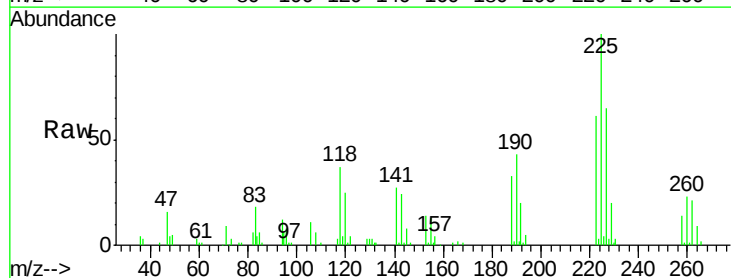


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

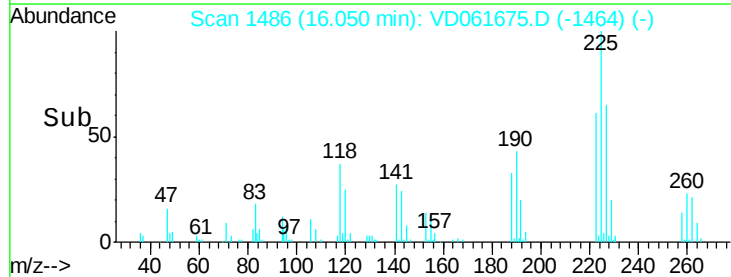
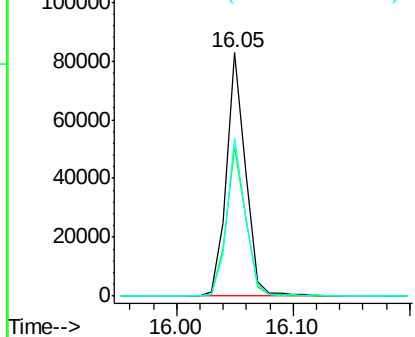


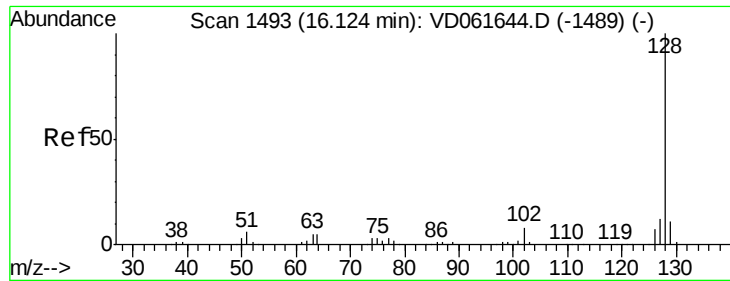
#94
 Hexachlorobutadiene
 Concen: 24.993 ug/l
 RT: 16.05 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD061675.D
 Acq: 9 Apr 2019 15:24

Tgt Ion:225 Resp: 94132
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.8 92.3
 227 65.0 31.5 94.5



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

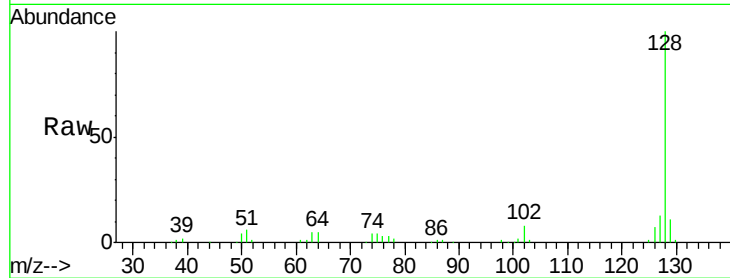




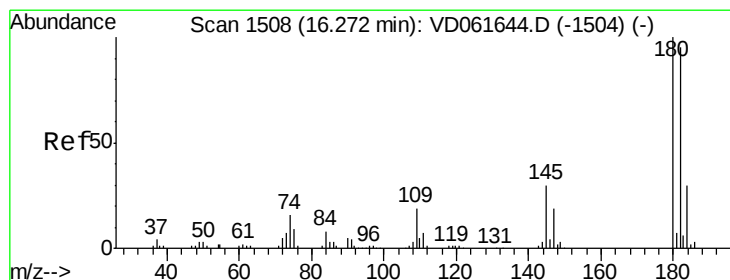
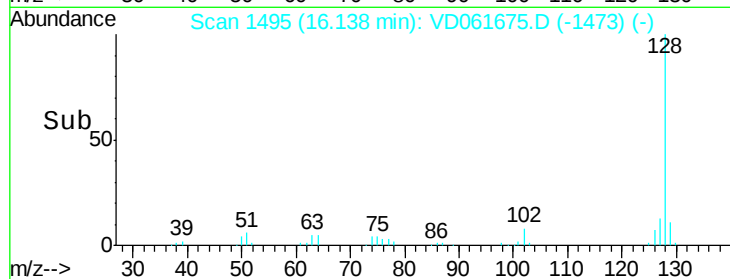
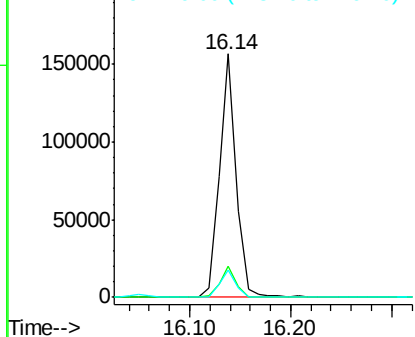
#95
Naphthalene
Concen: 23.618 ug/l
RT: 16.14 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 182284
Ion Ratio Lower Upper
128 100
127 12.8 9.4 14.2
129 11.4 8.8 13.2

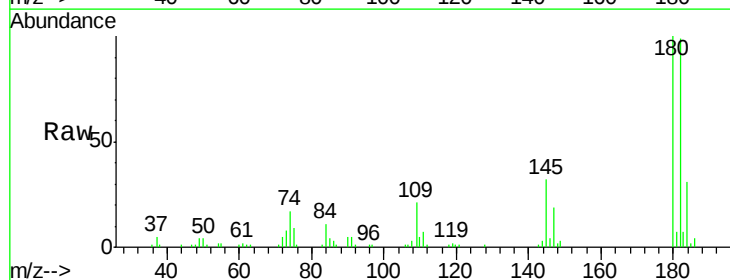


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 28.194 ug/l
RT: 16.29 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VD061675.D
Acq: 9 Apr 2019 15:24

Tgt Ion:180 Resp: 68634
Ion Ratio Lower Upper
180 100
182 98.8 47.3 142.0
145 31.6 15.1 45.3



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

