

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061500.D
 Acq On : 2 Apr 2019 7:39
 Operator : VA/AP
 Sample : K2180-17
 Misc : 6.18g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 08:08:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	462768	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	794068	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	536796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	200310	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	213408	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.96%		
35) Dibromofluoromethane	6.91	113	310319	51.14	ug/l	0.01
Spiked Amount 50.000			Recovery =	102.28%		
50) Toluene-d8	10.40	98	567163	38.97	ug/l	0.01
Spiked Amount 50.000			Recovery =	77.94%		
62) 4-Bromofluorobenzene	13.55	95	240037	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.02%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.87	74	1772	1.023	ug/l	89
16) Acetone	3.21	43	40627	39.978	ug/l	90
20) Methylene Chloride	3.81	84	56351	8.297	ug/l	94
25) 2-Butanone	6.05	43	2516	1.968	ug/l #	54
31) Cyclohexane	6.95	56	41913	6.156	ug/l #	44
36) 1,1-Dichloropropene	7.03	75	34319	4.952	ug/l #	48
38) Carbon Tetrachloride	7.02	117	45165	5.671	ug/l #	13
39) Methylcyclohexane	8.85	83	118318	16.392	ug/l	98
43) Isopropyl Acetate	9.27	43	96133	22.292	ug/l #	42
47) Bromodichloromethane	9.38	83	39844	5.980	ug/l #	24
48) Methyl methacrylate	9.08	41	158467	66.582	ug/l #	36
51) 4-Methyl-2-Pentanone	10.34	43	410001	156.268	ug/l #	77
52) Toluene	10.50	92	17943	1.691	ug/l	91
55) 1,1,2-Trichloroethane	11.24	97	17873	4.816	ug/l #	45
56) Ethyl methacrylate	11.08	69	84183	21.116	ug/l #	1
59) 2-Hexanone	11.47	43	308208	162.133	ug/l #	32
67) Ethyl Benzene	12.52	91	157500	9.406	ug/l	97
68) m/p-Xylenes	12.66	106	26488	4.176	ug/l	80
73) Isopropylbenzene	13.39	105	94334	6.766	ug/l	94
74) N-amyl acetate	13.21	43	62511	16.096	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	13.71	83	16461	5.597	ug/l #	1
78) n-propylbenzene	13.77	91	506320	29.677	ug/l	98
79) 2-Chlorotoluene	13.83	91	31894	3.443	ug/l #	36
80) 1,3,5-Trimethylbenzene	13.92	105	799990	73.957	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.54	75	84397	95.662	ug/l #	38
82) 4-Chlorotoluene	13.92	91	76514	7.596	ug/l #	37
84) 1,2,4-Trimethylbenzene	14.23	105	510975	43.633	ug/l	99
85) sec-Butylbenzene	14.36	105	90838	6.325	ug/l	92
86) p-Isopropyltoluene	14.44	119	63706	5.246	ug/l	91
89) n-Butylbenzene	14.77	91	328605	29.482	ug/l #	1
90) Hexachloroethane	14.97	117	54433	15.866	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	15.33	75	6057	17.560	ug/l #	1
95) Naphthalene	16.11	128	12632	3.169	ug/l #	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061500.D
Acq On : 2 Apr 2019 7:39
Operator : VA/AP
Sample : K2180-17
Misc : 6.18g/5ml/MSVOA D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 08:08:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

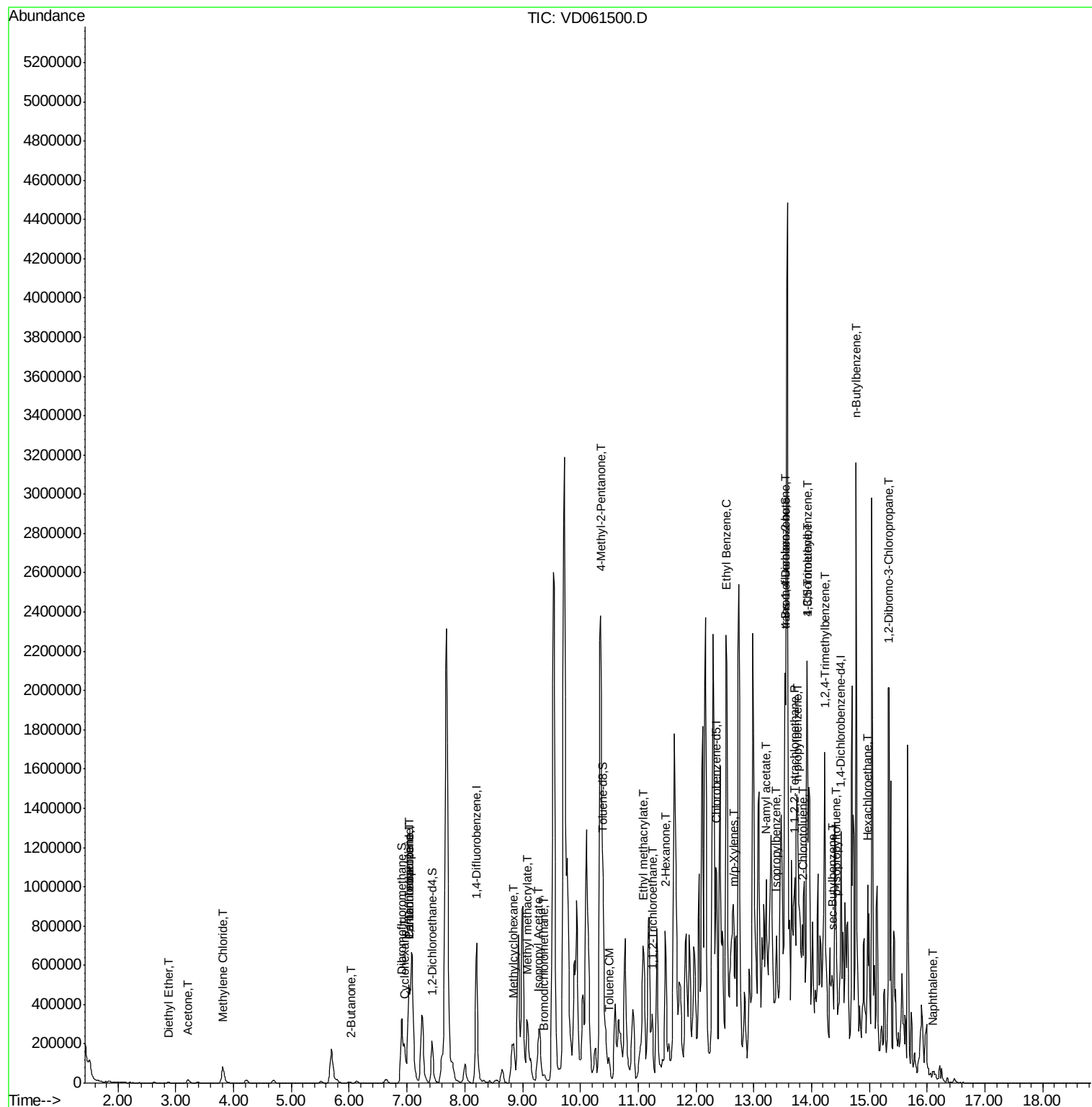
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

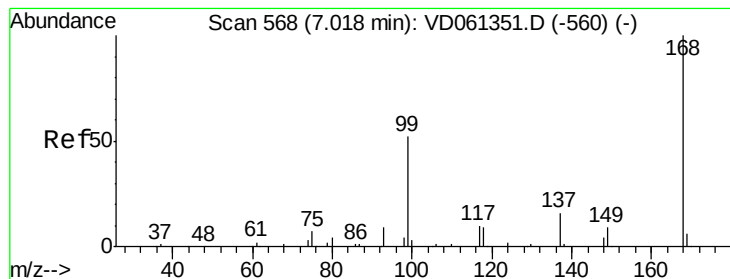
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061500.D
Acq On : 2 Apr 2019 7:39
Operator : VA/AP
Sample : K2180-17
Misc : 6.18g/5ml/MSVOA D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 08:08:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

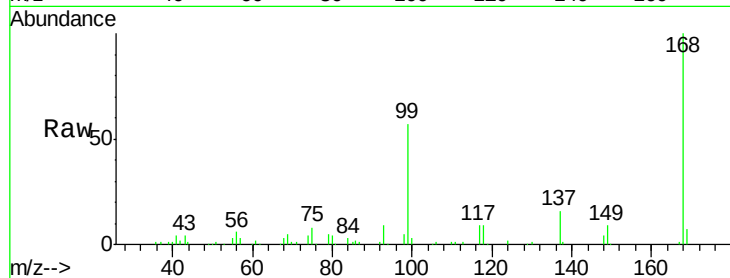
ClientSampled :

Tot Ion:168 Resp: 462768

Ion Ratio Lower Upper

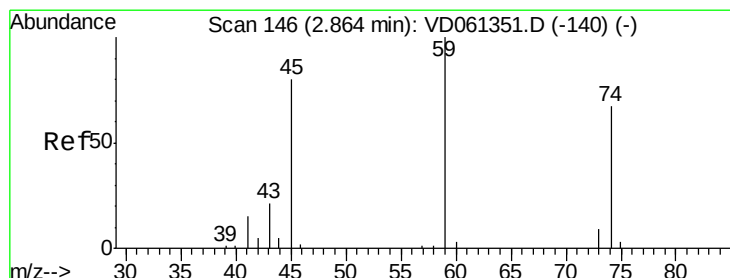
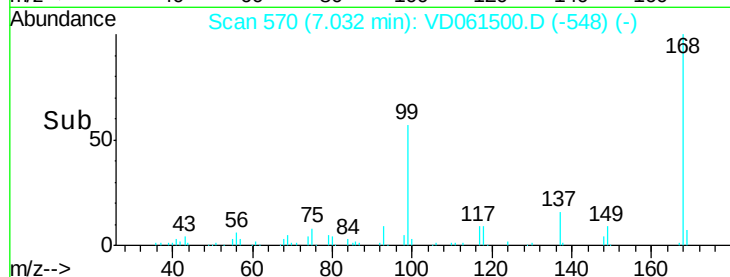
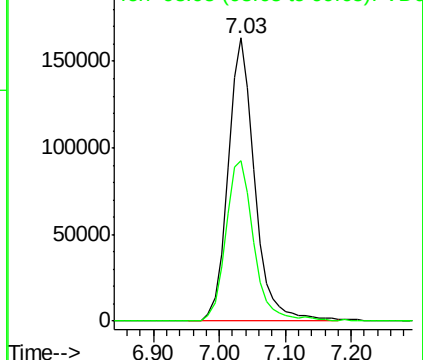
168 100

99 56.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.023 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.00 min

Lab File: VD061500.D

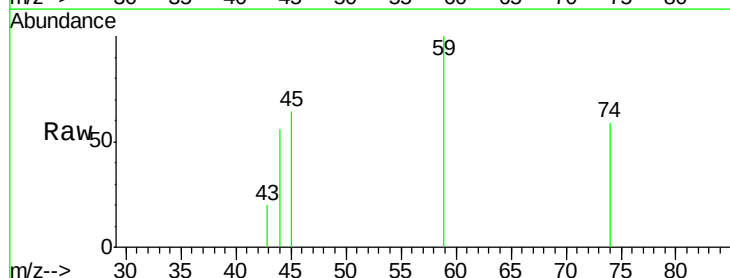
Acq: 2 Apr 2019 7:39

Tgt Ion: 74 Resp: 1772

Ion Ratio Lower Upper

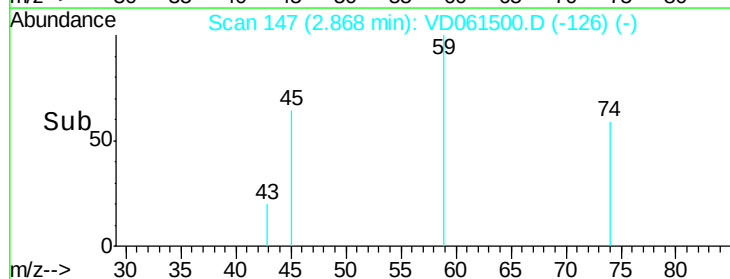
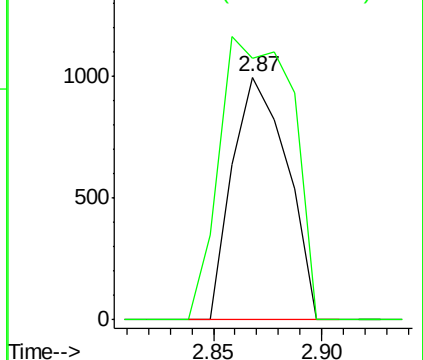
74 100

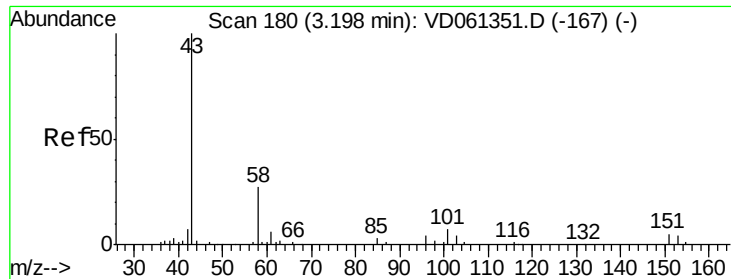
45 107.6 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 39.978 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

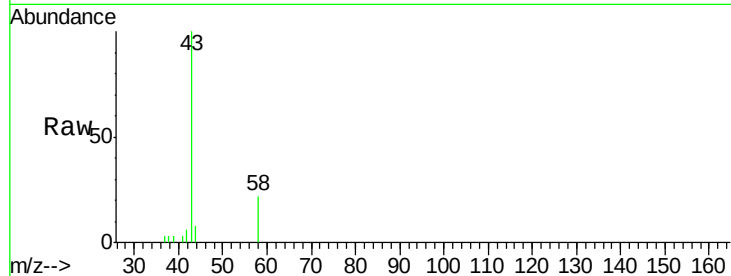
ClientSampleId :

Tot Ion: 43 Resp: 40627

Ion Ratio Lower Upper

43 100

58 22.0 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

15000

10000

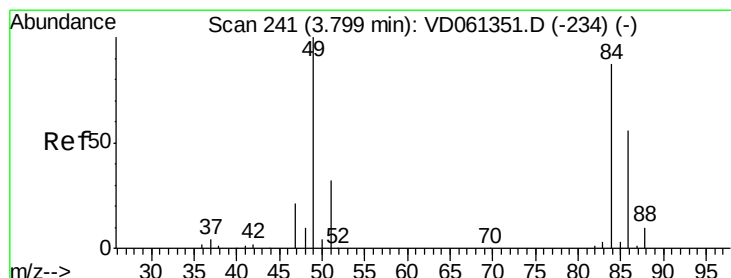
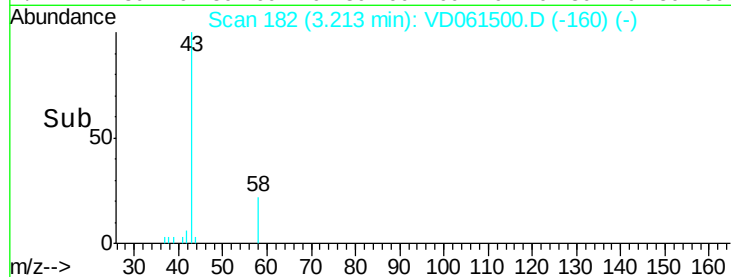
5000

0

Time-->

3.10 3.20 3.30 3.40

3.21



#20

Methylene Chloride

Concen: 8.297 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Tgt Ion: 84 Resp: 56351

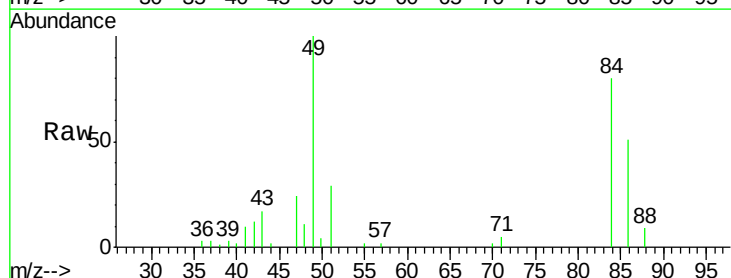
Ion Ratio Lower Upper

84 100

49 125.6 91.8 137.8

51 36.0 29.8 44.8

86 63.9 51.8 77.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

30000

20000

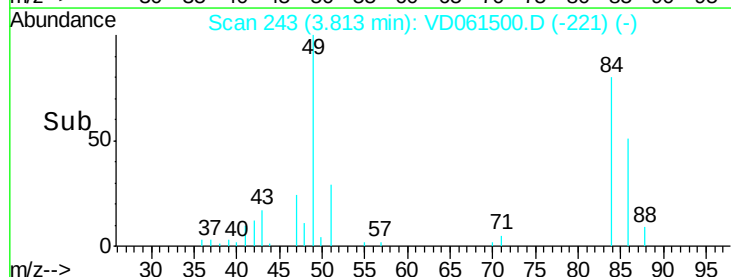
10000

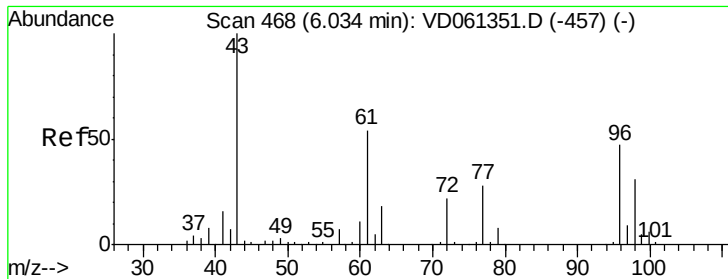
0

Time-->

3.70 3.80 3.90 4.00

3.81





#25

2-Butanone

Concen: 1.968 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.01 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

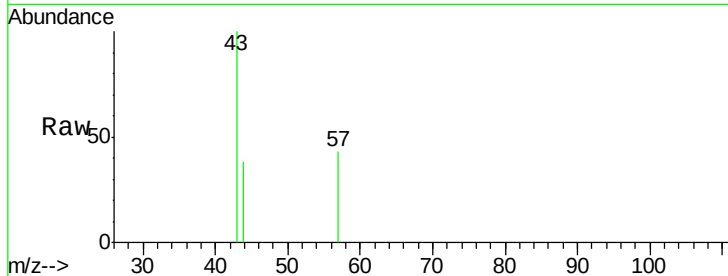
ClientSampled :

Tot Ion: 43 Resp: 2516

Ion Ratio Lower Upper

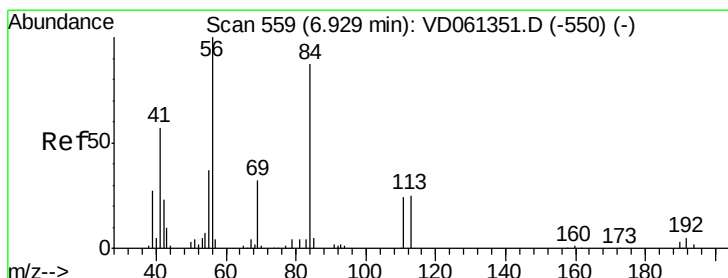
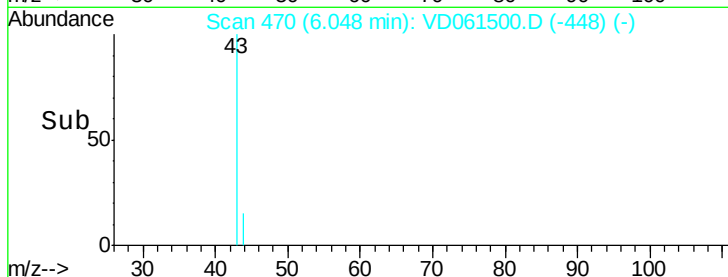
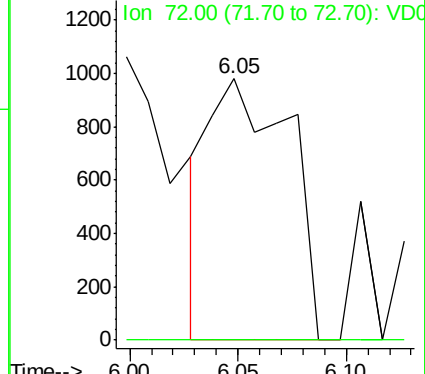
43 100

72 0.0 17.2 25.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 6.156 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

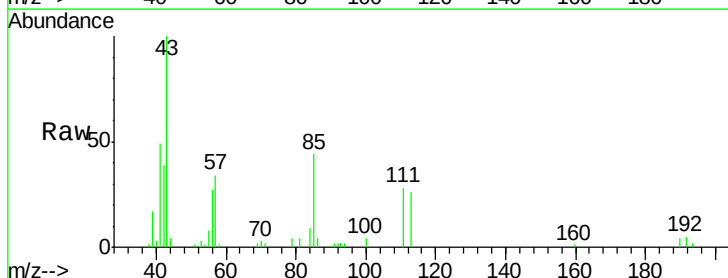
Tgt Ion: 56 Resp: 41913

Ion Ratio Lower Upper

56 100

69 7.8 25.7 38.5#

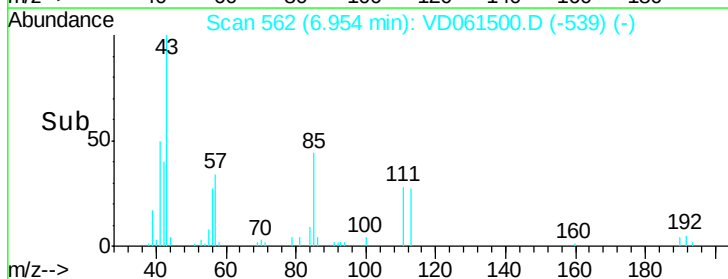
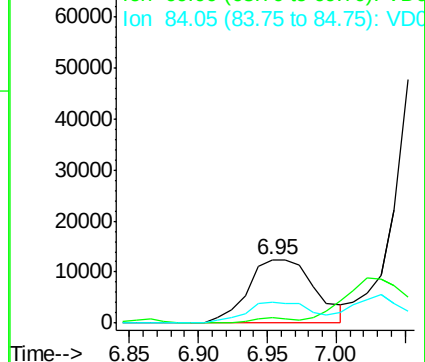
84 32.3 70.6 105.8#

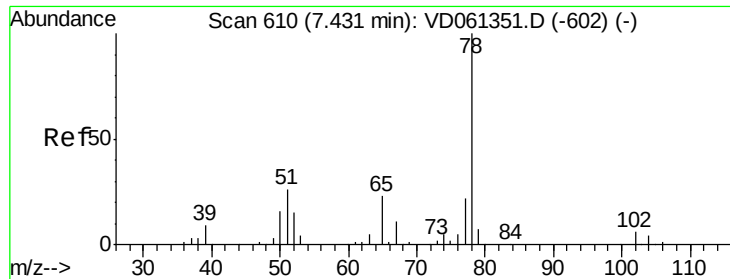


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

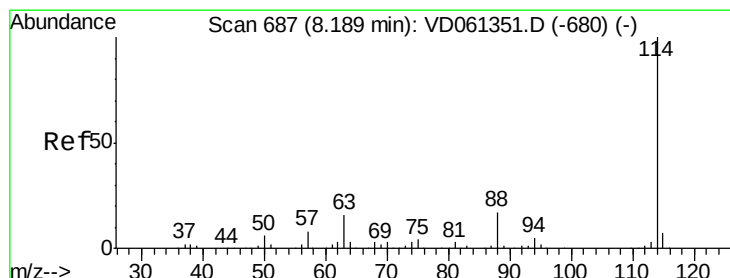
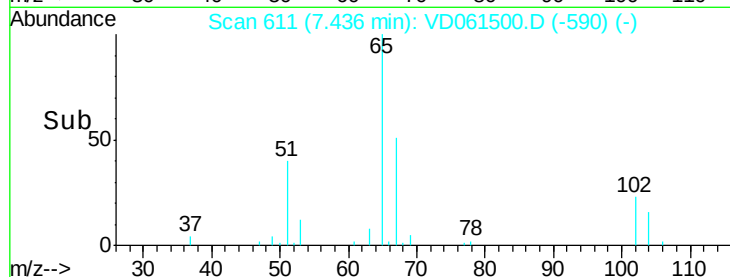
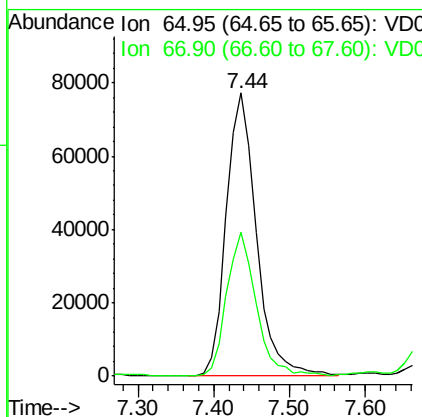
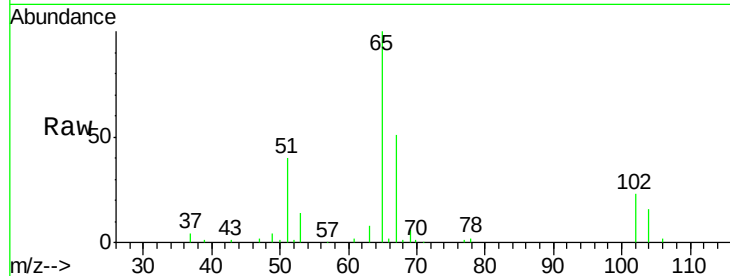




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD061500.D
 Acq: 2 Apr 2019 7:39

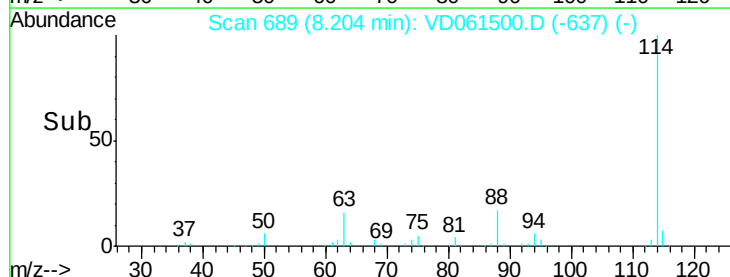
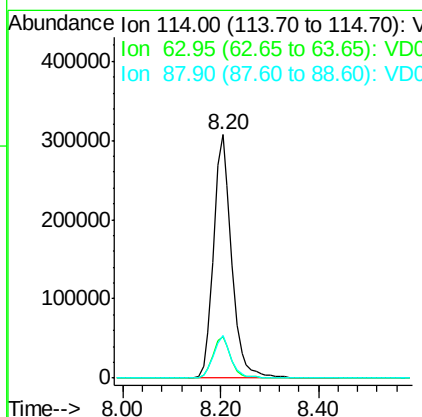
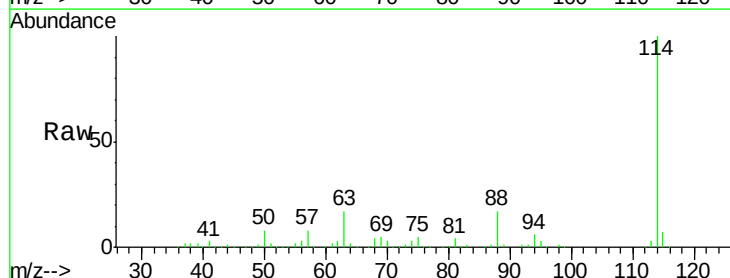
Instrument :
 MSVOA_D
 ClientSampleId :

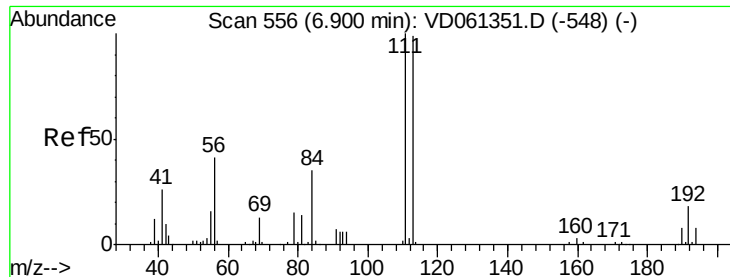
Tot Ion: 65 Resp: 213408
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061500.D
 Acq: 2 Apr 2019 7:39

Tgt Ion: 114 Resp: 794068
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.6
 88 17.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

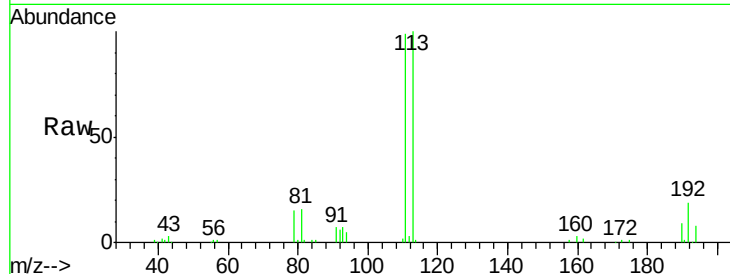
Delta R.T. 0.01 min

Lab File: VD061500.D

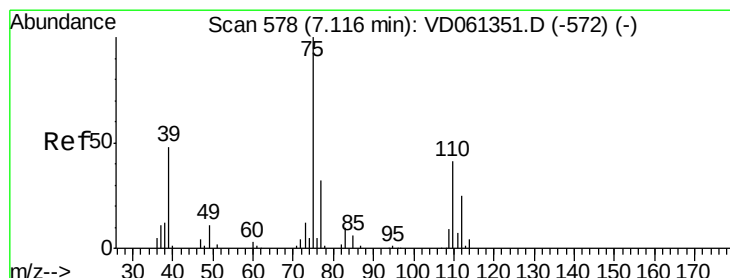
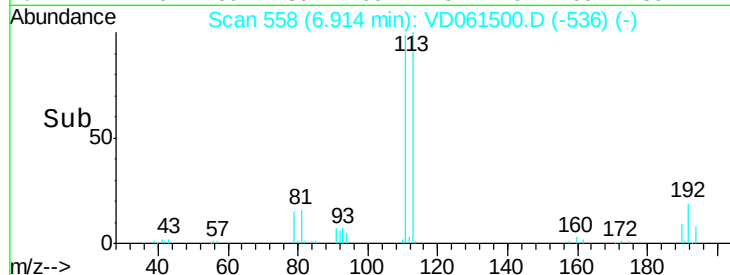
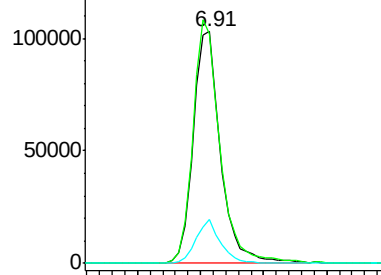
Acq: 2 Apr 2019 7:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	113	Resp:	310319
Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.0	121.6
192	18.7	14.4	21.6



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



#36

1,1-Dichloropropene

Concen: 4.952 ug/l

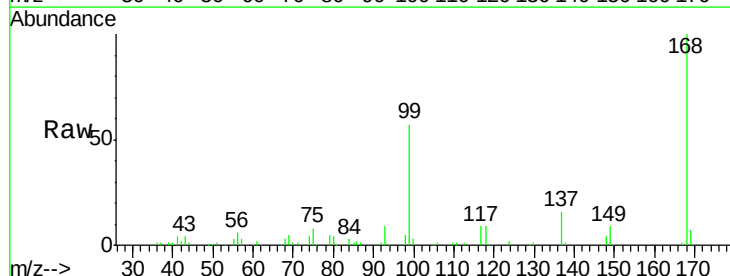
RT: 7.03 min Scan# 570

Delta R.T. -0.08 min

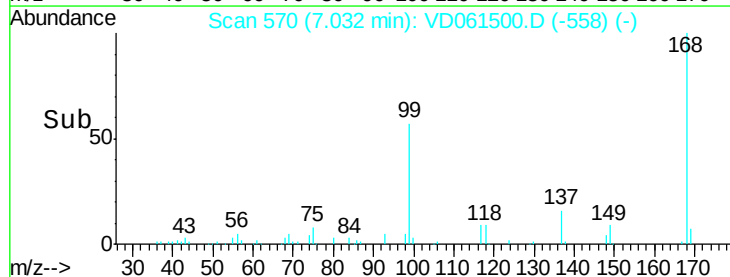
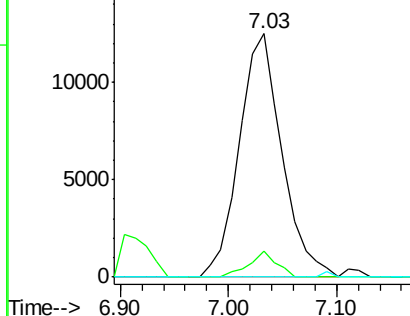
Lab File: VD061500.D

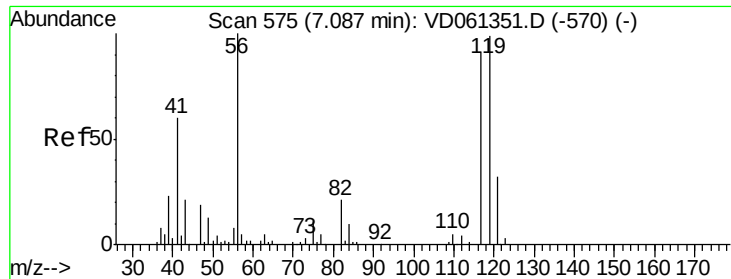
Acq: 2 Apr 2019 7:39

Tgt Ion:	75	Resp:	34319
Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.4	61.3#
77	0.0	24.9	37.3#



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

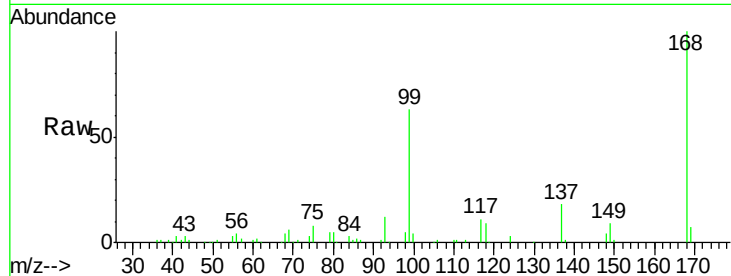




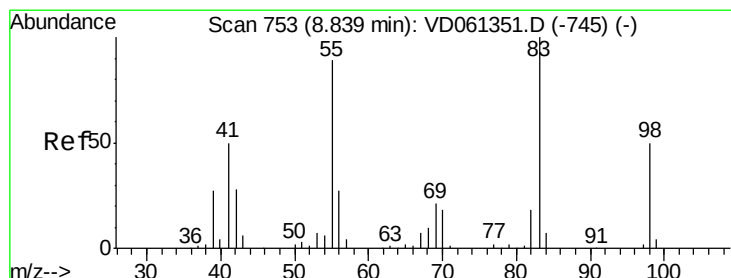
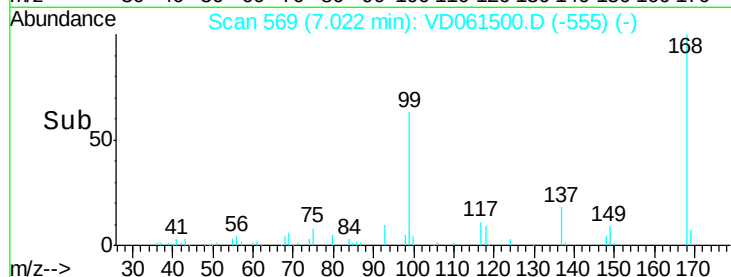
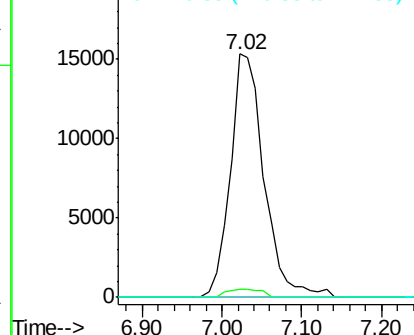
#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 45165
Ion Ratio Lower Upper
117 100
119 3.4 80.1 120.1#
121 0.0 25.6 38.4#

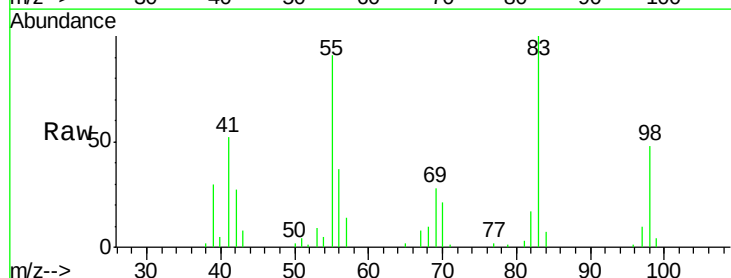


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

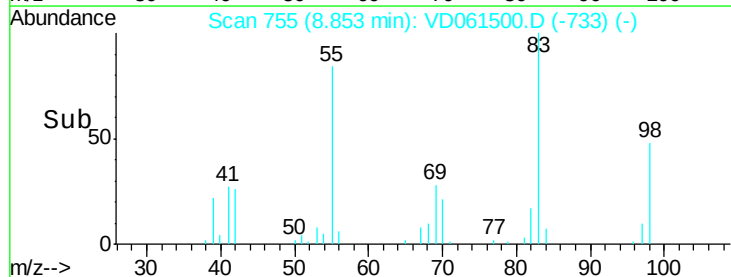
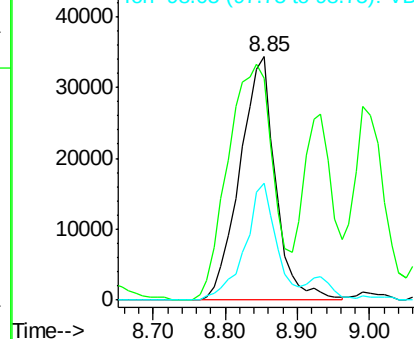


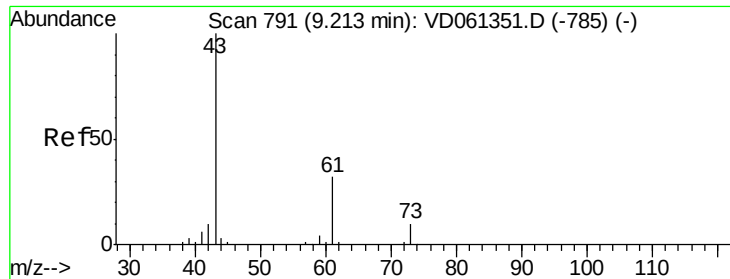
#39
Methylcyclohexane
Concen: 16.392 ug/l
RT: 8.85 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Tgt Ion: 83 Resp: 118318
Ion Ratio Lower Upper
83 100
55 90.9 71.5 107.3
98 48.1 40.3 60.5



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





#43

Isopropyl Acetate

Concen: 22.292 ug/l

RT: 9.27 min Scan# 797

Delta R.T. 0.05 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

ClientSampled :

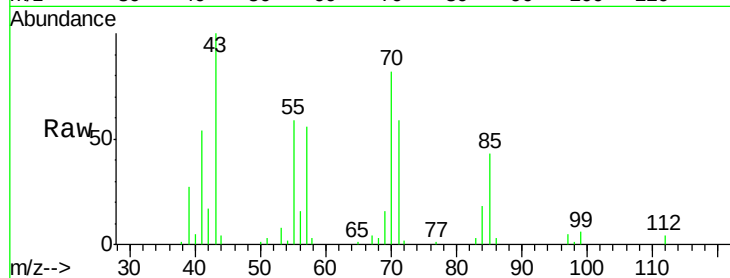
Tot Ion: 43 Resp: 96133

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

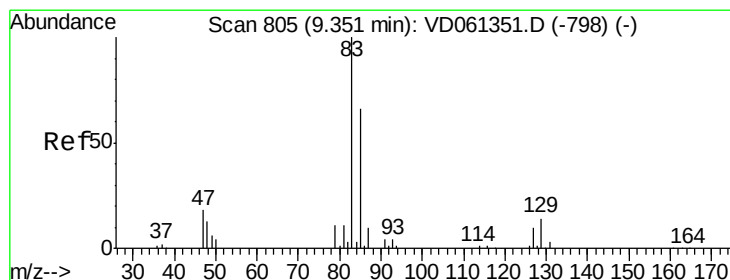
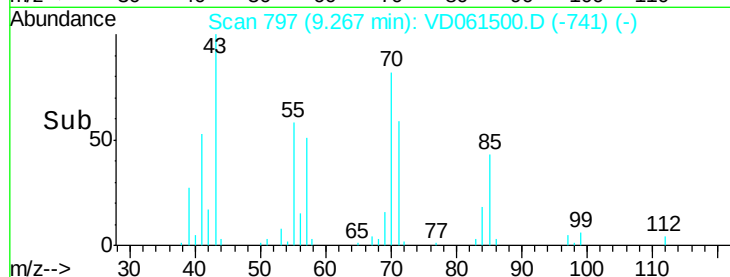
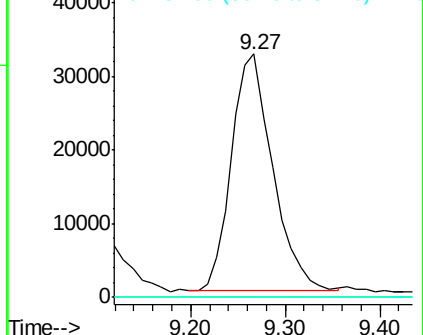
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#47

Bromodichloromethane

Concen: 5.980 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

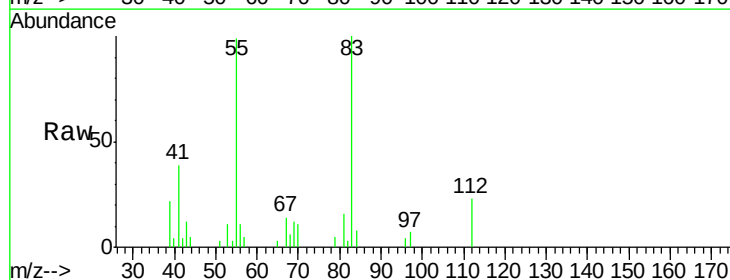
Tgt Ion: 83 Resp: 39844

Ion Ratio Lower Upper

83 100

85 0.0 53.0 79.4#

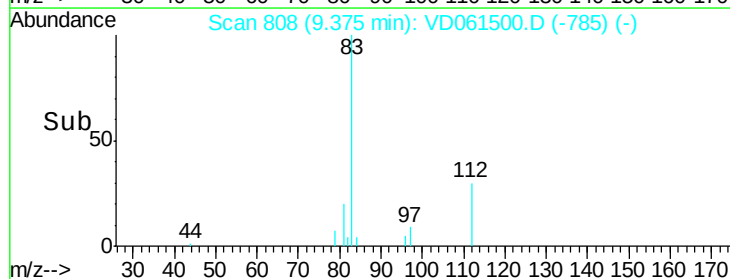
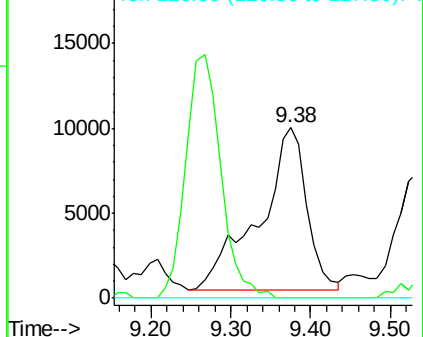
127 0.0 8.4 12.6#

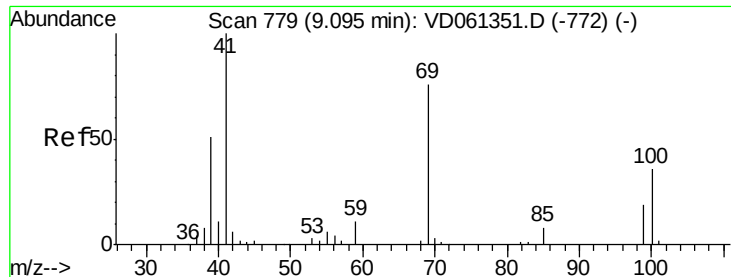


Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC

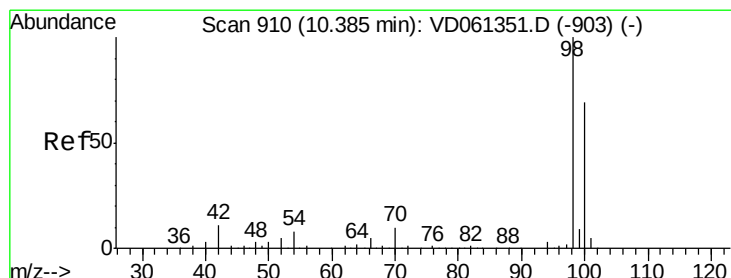
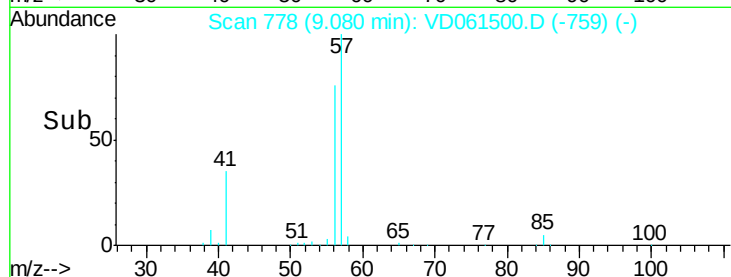
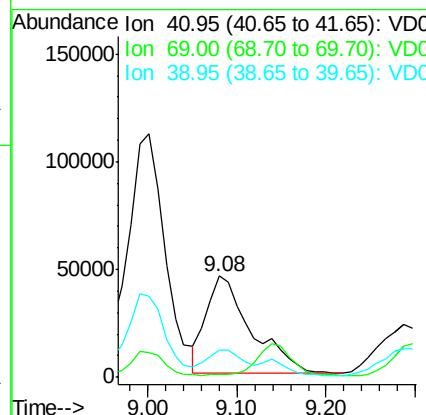
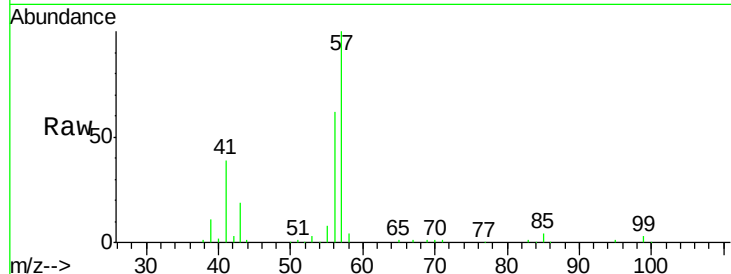




#48
Methvl methacrylate
Concen: 66.582 ug/l
RT: 9.08 min Scan# 778
Delta R.T. -0.02 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

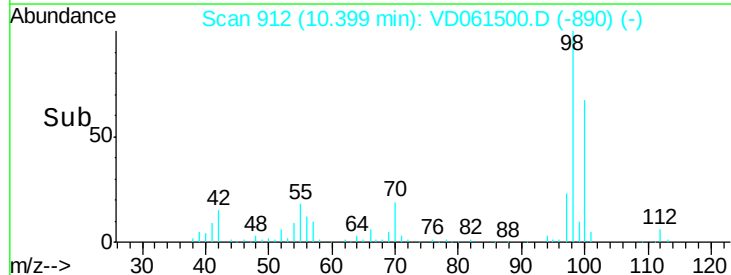
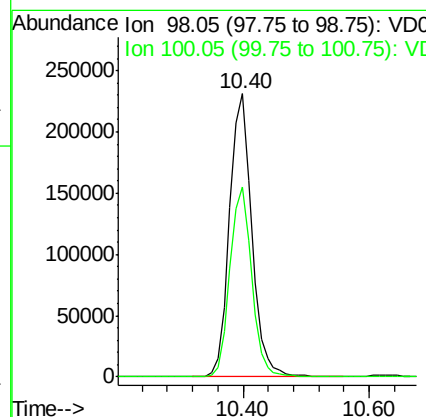
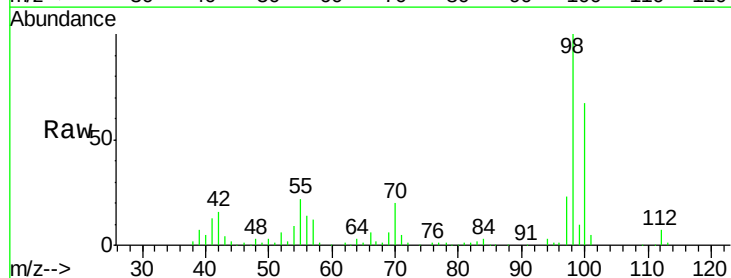
Instrument :
MSVOA_D
ClientSampled :

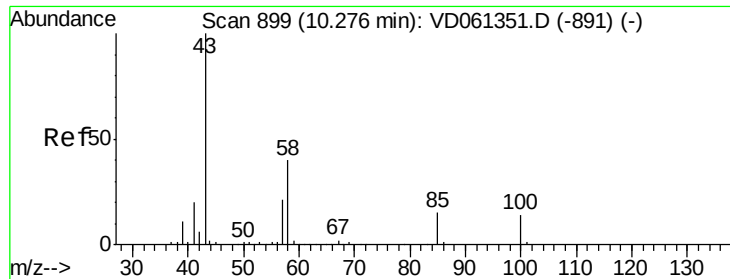
Tot Ion: 41 Resp: 158467
Ion Ratio Lower Upper
41 100
69 3.2 60.2 90.4#
39 27.5 41.4 62.2#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Tgt Ion: 98 Resp: 567163
Ion Ratio Lower Upper
98 100
100 67.0 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 156.268 ug/l

RT: 10.34 min Scan# 906

Delta R.T. 0.06 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

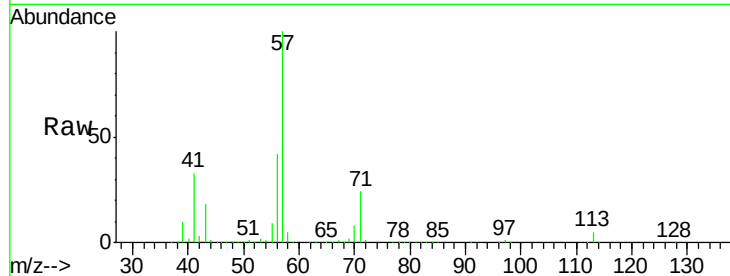
ClientSampleId :

Tot Ion: 43 Resp: 410001

Ion Ratio Lower Upper

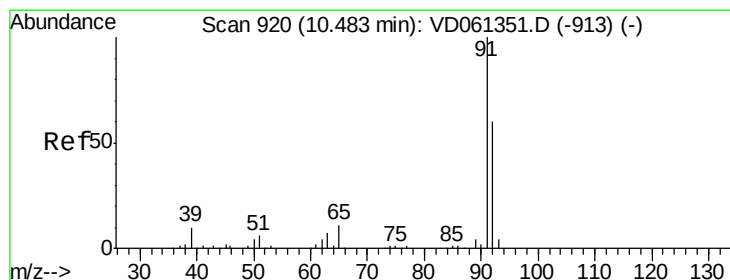
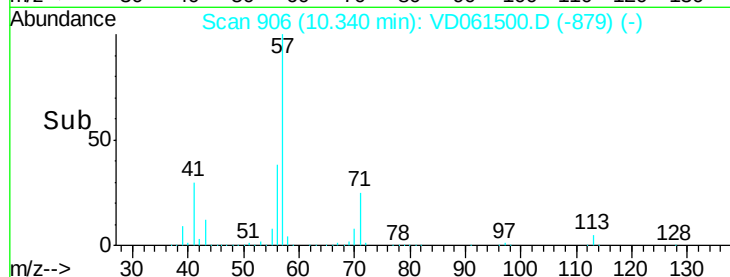
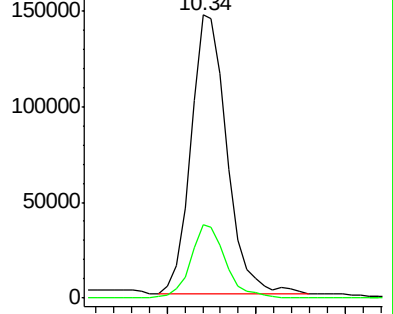
43 100

58 25.8 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 1.691 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061500.D

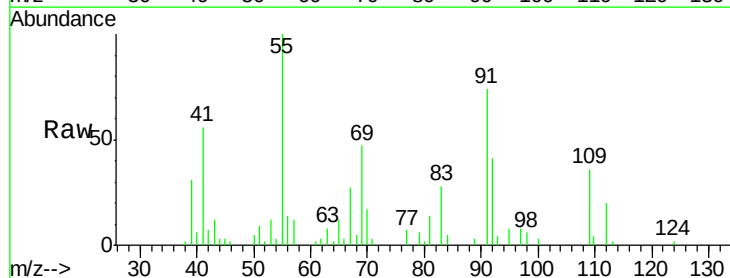
Acq: 2 Apr 2019 7:39

Tgt Ion: 92 Resp: 17943

Ion Ratio Lower Upper

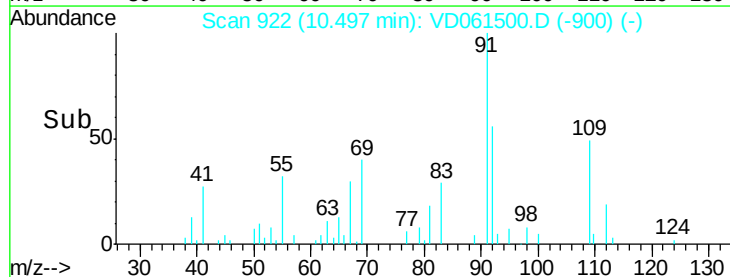
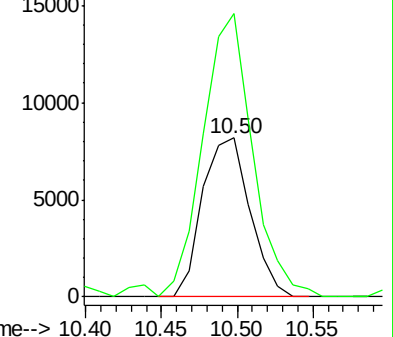
92 100

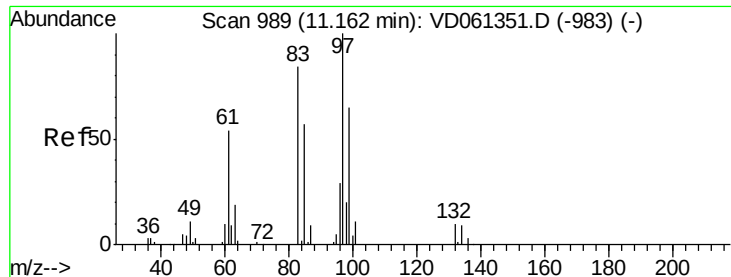
91 178.1 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#55

1,1,2-Trichloroethane

Concen: 4.816 ug/l

RT: 11.24 min Scan# 997

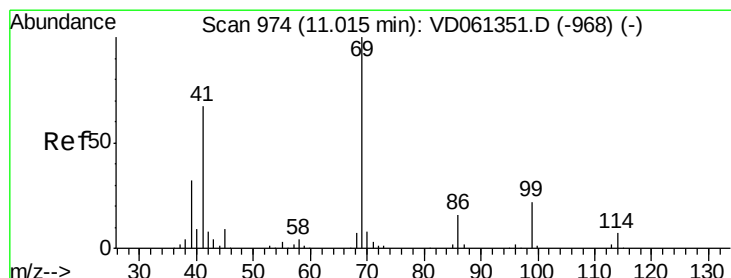
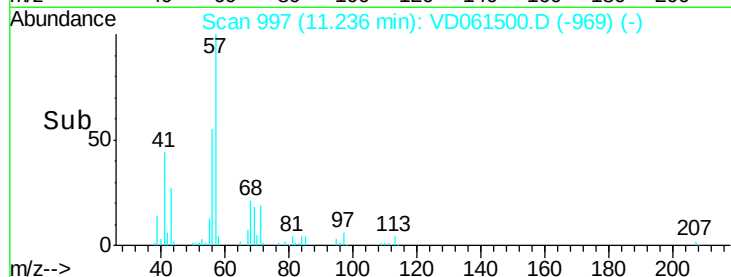
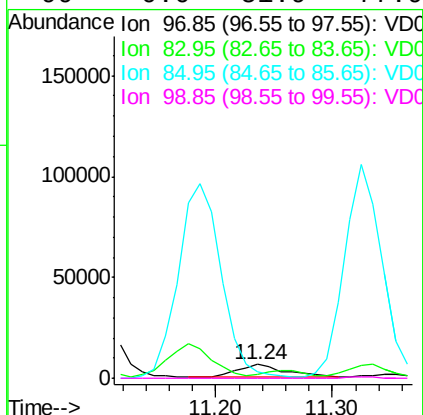
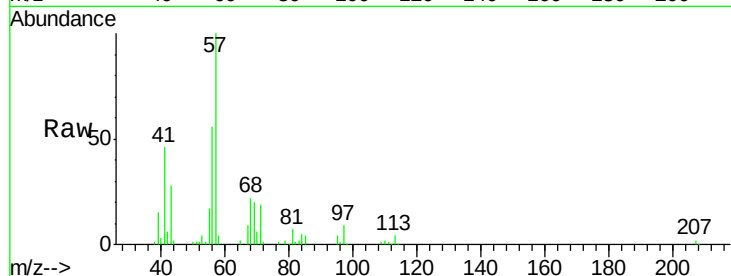
Delta R.T. 0.07 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	97	Resp:	17873
Ion	Ratio	Lower	Upper
97	100		
83	28.5	67.0	100.6#
85	44.6	45.4	68.2#
99	0.0	51.9	77.9#



#56

Ethyl methacrylate

Concen: 21.116 ug/l

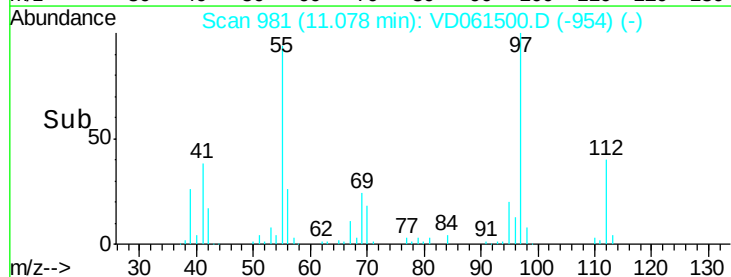
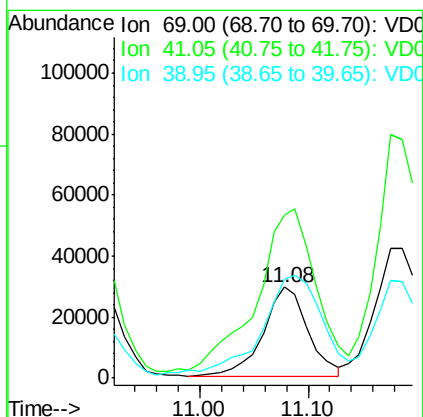
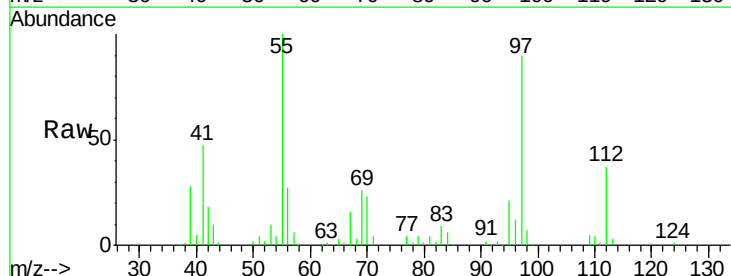
RT: 11.08 min Scan# 981

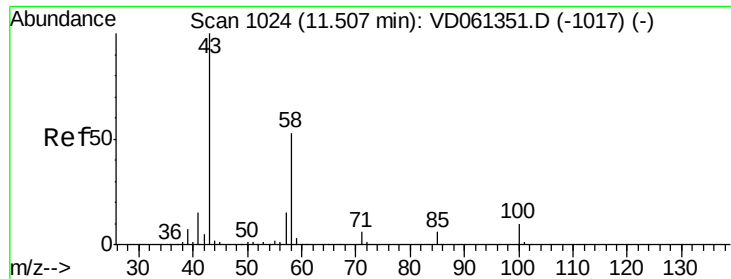
Delta R.T. 0.06 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Tgt Ion:	69	Resp:	84183
Ion	Ratio	Lower	Upper
69	100		
41	179.0	53.8	80.6#
39	109.2	26.4	39.6#

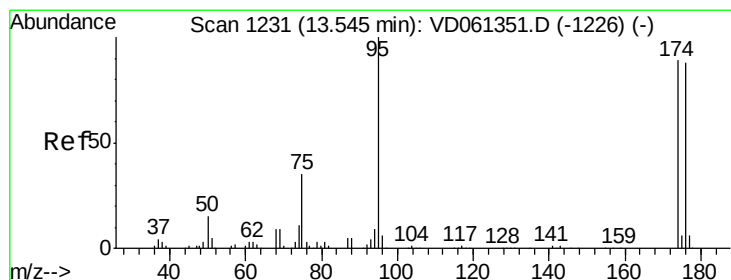
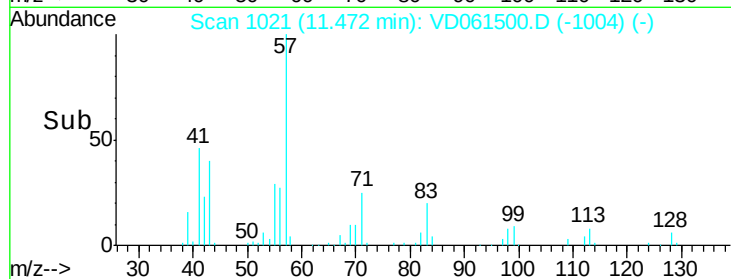
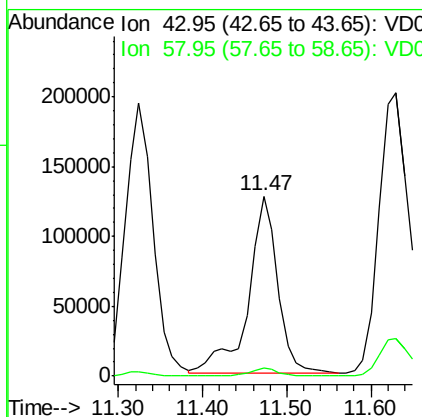
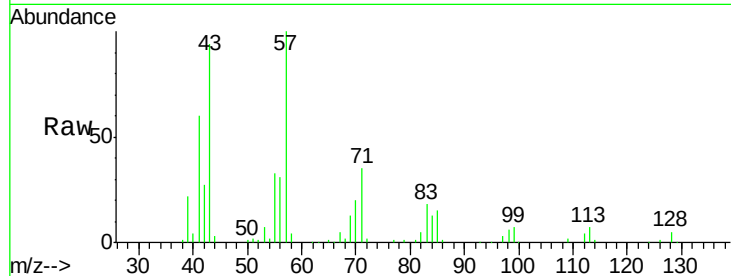




#59
2-Hexanone
Concen: 162.133 ug/l
RT: 11.47 min Scan# 1021
Delta R.T. -0.03 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

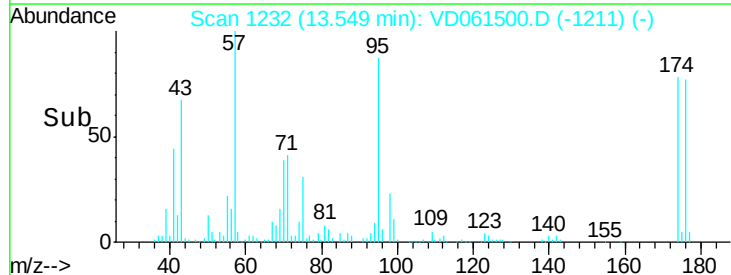
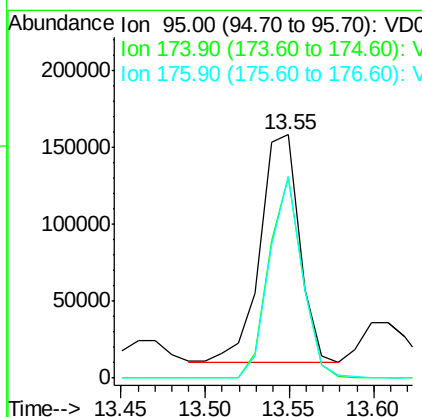
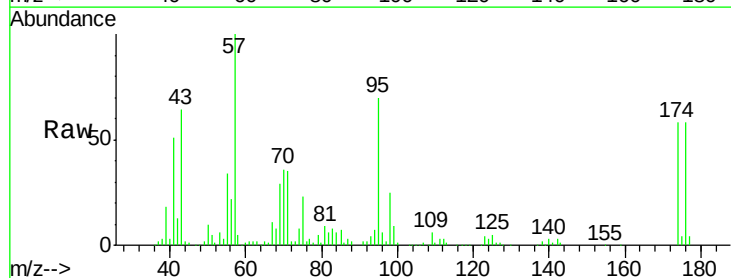
Instrument :
MSVOA_D
ClientSampled :

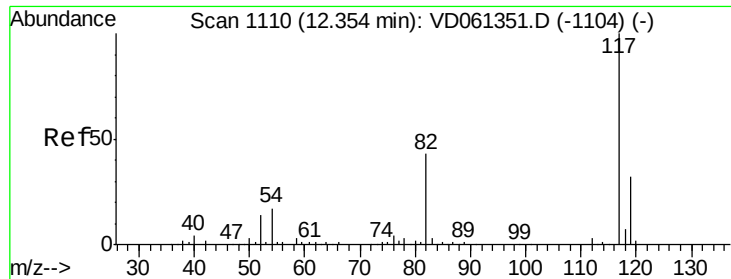
Tot Ion: 43 Resp: 308208
Ion Ratio Lower Upper
43 100
58 4.4 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Tgt Ion: 95 Resp: 240037
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.0
176 82.5 0.0 175.0

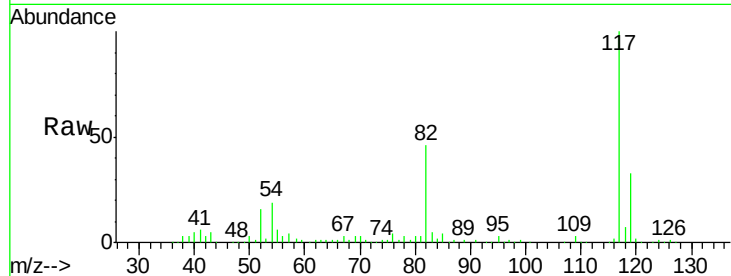




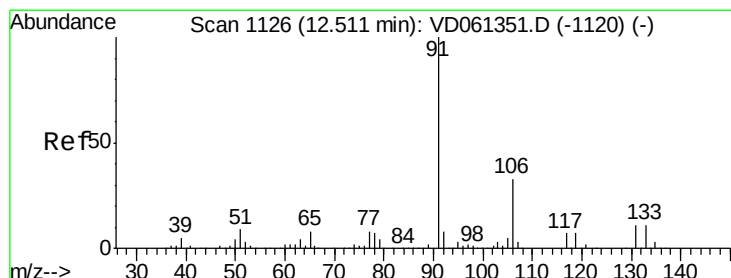
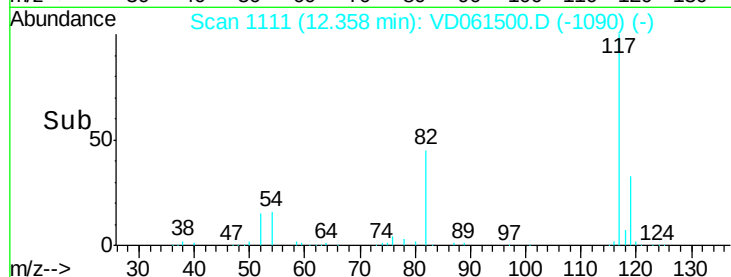
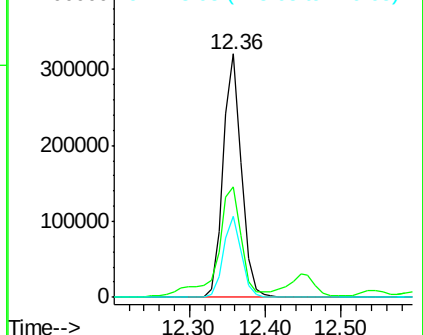
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 536796
Ion Ratio Lower Upper
117 100
82 45.5 34.4 51.6
119 33.1 25.8 38.6

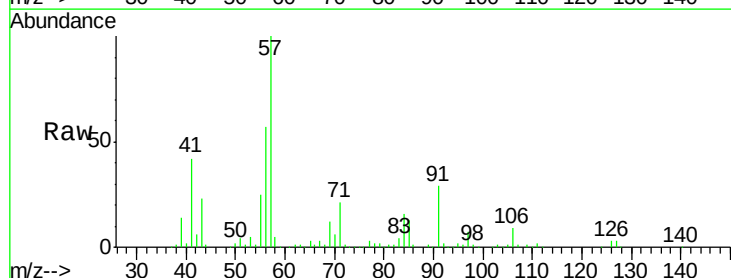


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

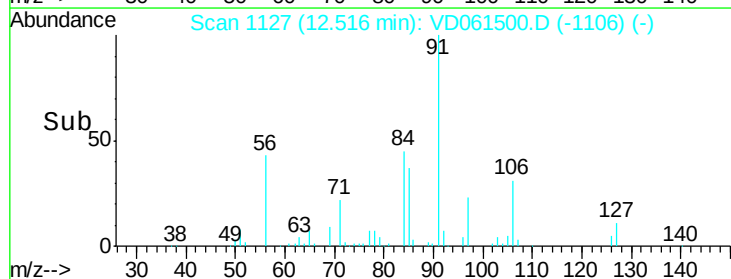
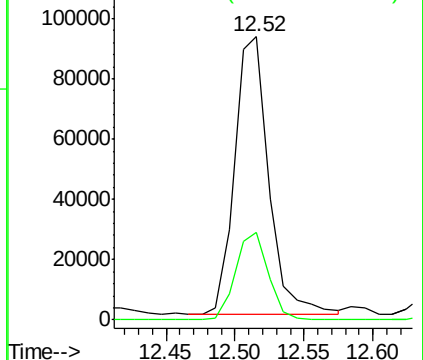


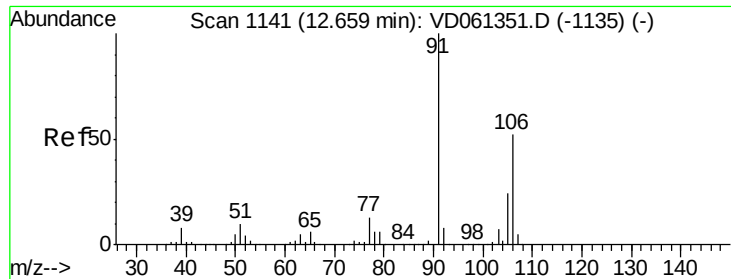
#67
Ethyl Benzene
Concen: 9.406 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Tgt Ion: 91 Resp: 157500
Ion Ratio Lower Upper
91 100
106 30.9 26.1 39.1



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

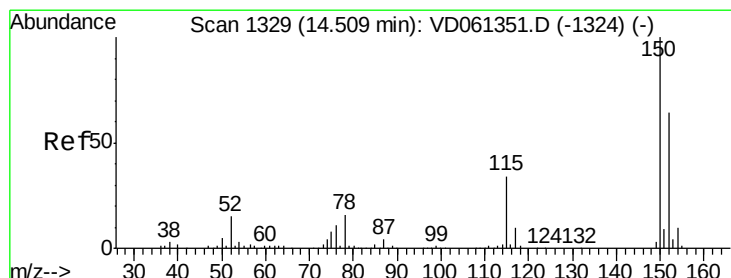
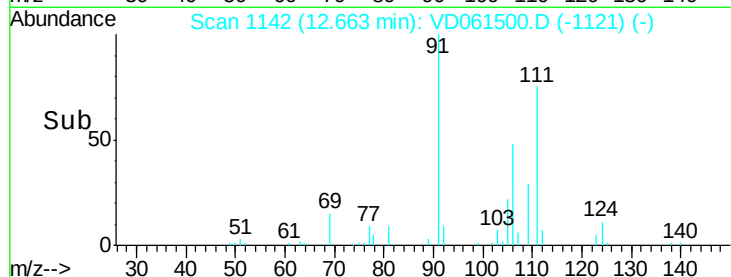
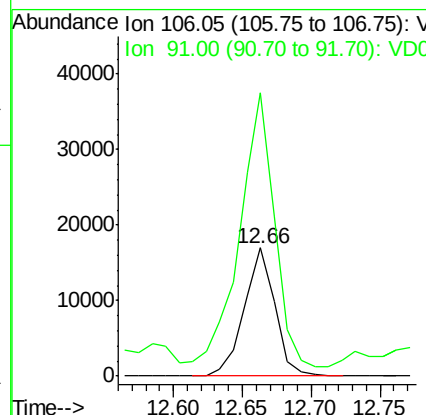
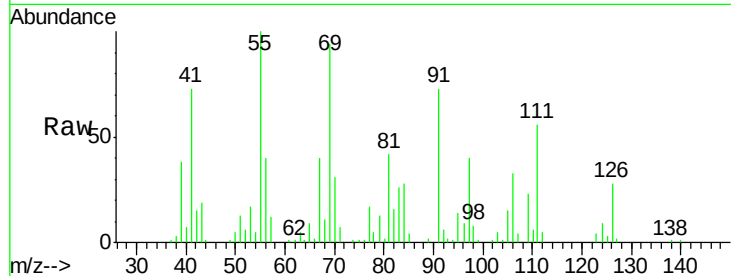




#68
m/p-Xvlenes
Concen: 4.176 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

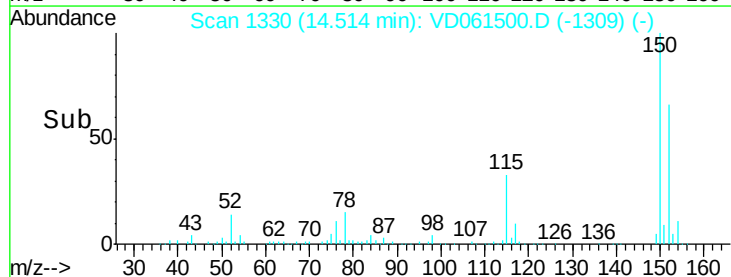
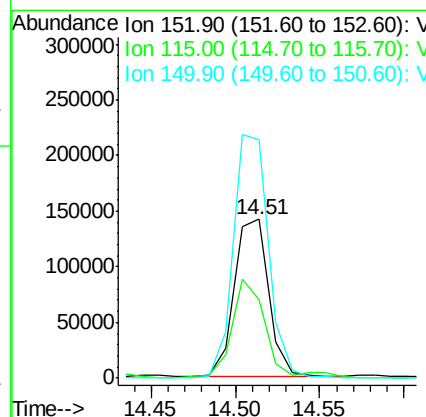
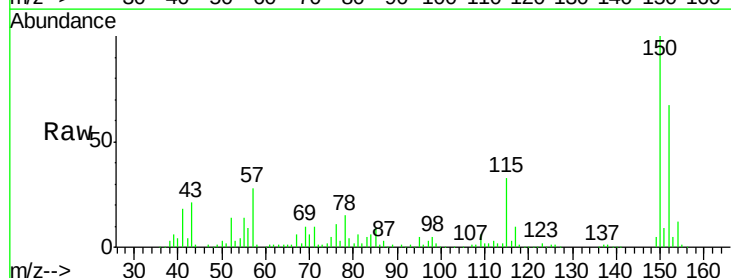
Instrument :
MSVOA_D
ClientSampleId :

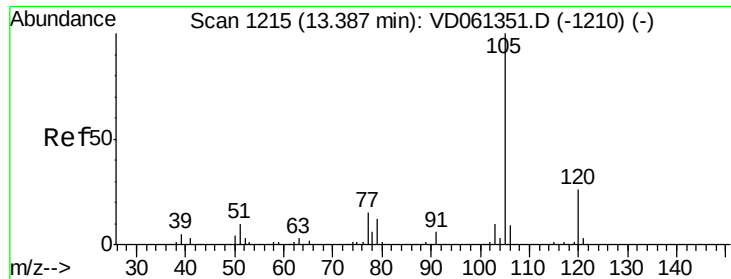
Tot Ion:106 Resp: 26488
Ion Ratio Lower Upper
106 100
91 220.4 153.1 229.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Tgt Ion:152 Resp: 200310
Ion Ratio Lower Upper
152 100
115 49.4 26.9 80.6
150 150.1 0.0 318.0





#73

Isopropylbenzene

Concen: 6.766 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

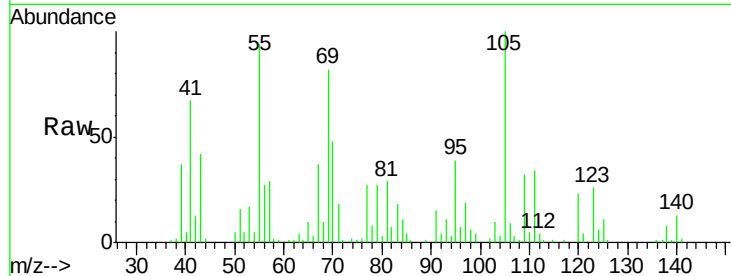
ClientSampleId :

Tot Ion:105 Resp: 94334

Ion Ratio Lower Upper

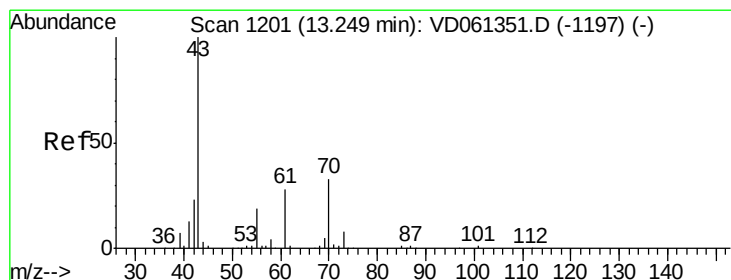
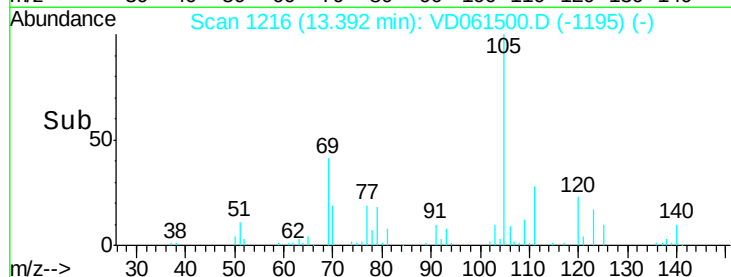
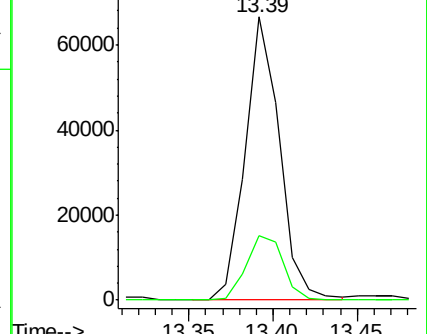
105 100

120 22.6 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 16.096 ug/l

RT: 13.21 min Scan# 1198

Delta R.T. -0.03 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Tgt Ion: 43 Resp: 62511

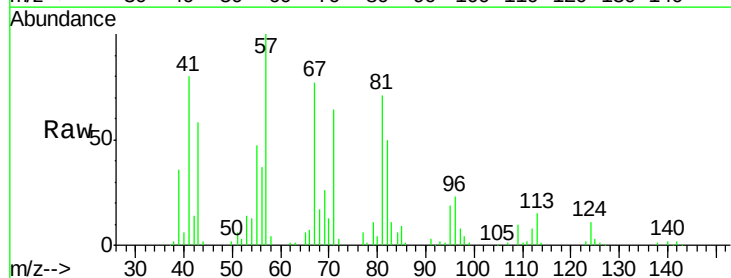
Ion Ratio Lower Upper

43 100

70 21.5 26.6 40.0#

55 81.2 15.4 23.2#

61 0.0 22.2 33.4#

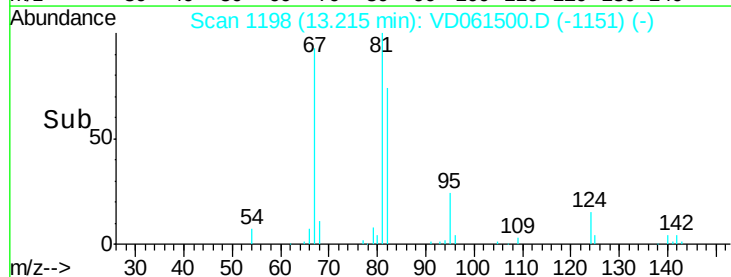
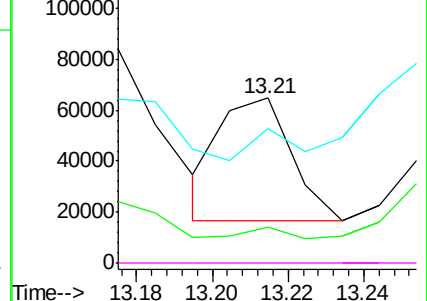


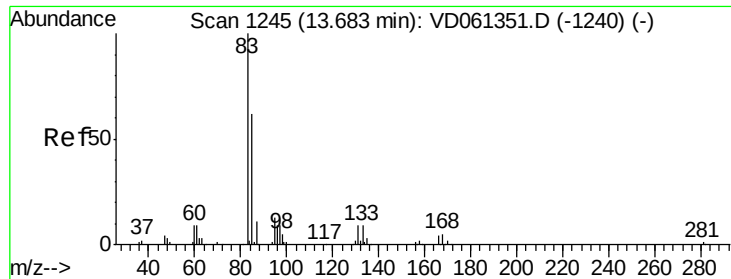
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 5.597 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.02 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

ClientSampleId :

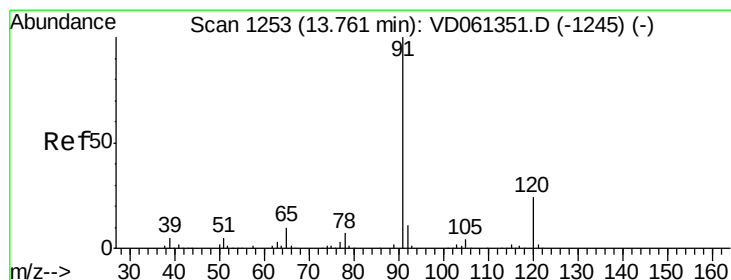
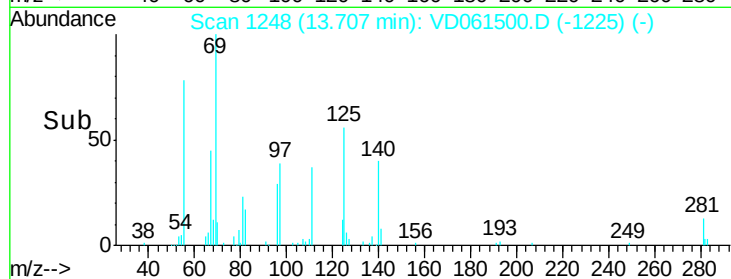
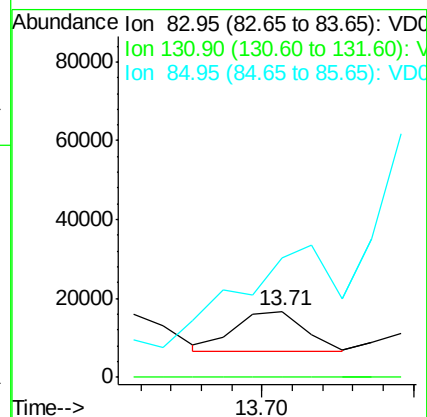
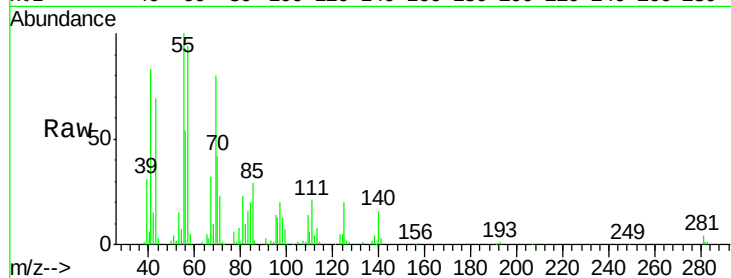
Tot Ion: 83 Resp: 16461

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 180.3 31.2 93.6#



#78

n-propylbenzene

Concen: 29.677 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD061500.D

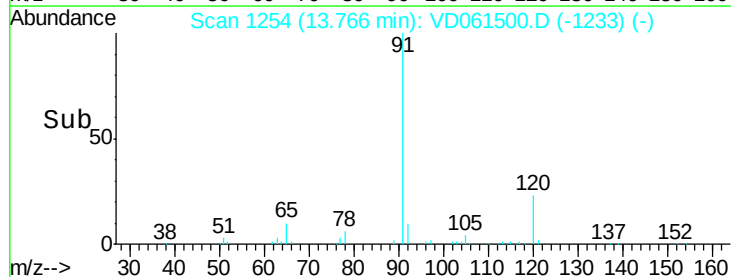
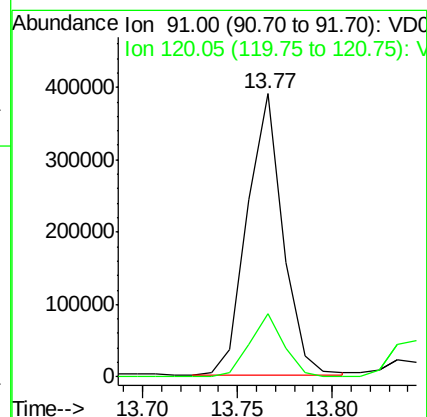
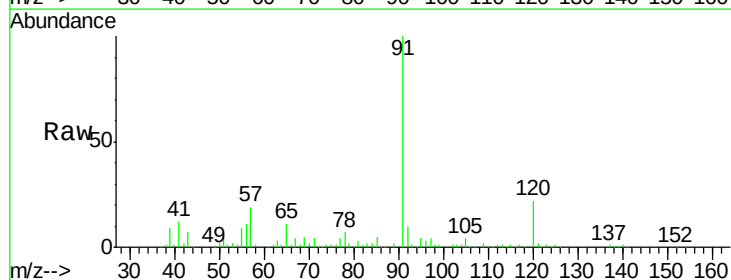
Acq: 2 Apr 2019 7:39

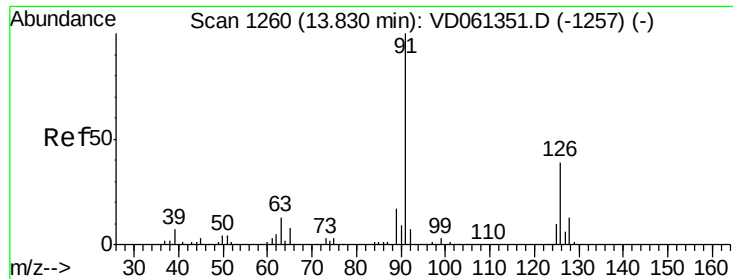
Tgt Ion: 91 Resp: 506320

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3





#79

2-Chlorotoluene

Concen: 3.443 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

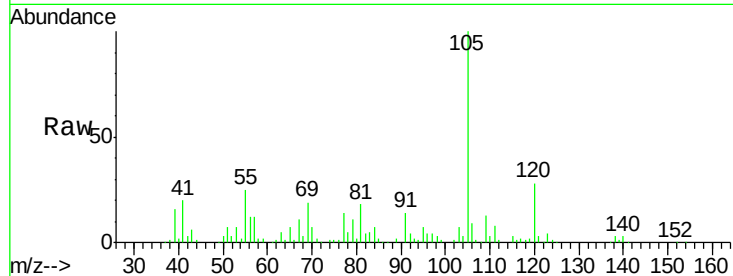
ClientSampleId :

Tot Ion: 91 Resp: 31894

Ion Ratio Lower Upper

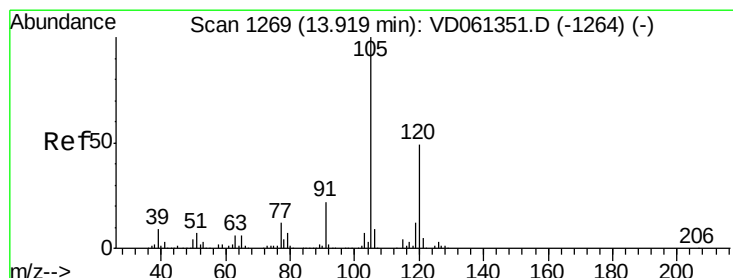
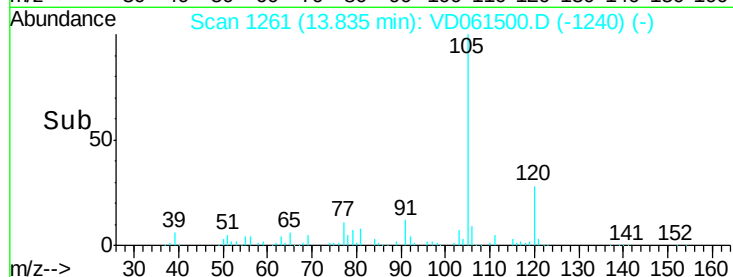
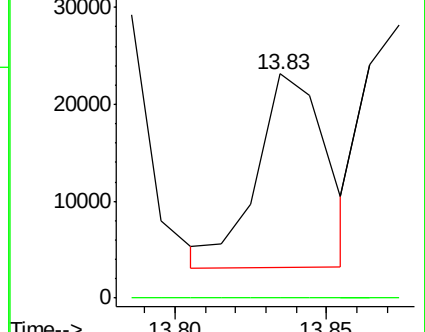
91 100

126 0.0 19.4 58.2#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 73.957 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD061500.D

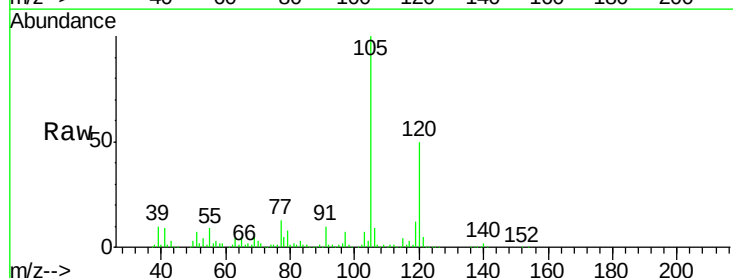
Acq: 2 Apr 2019 7:39

Tgt Ion:105 Resp: 799990

Ion Ratio Lower Upper

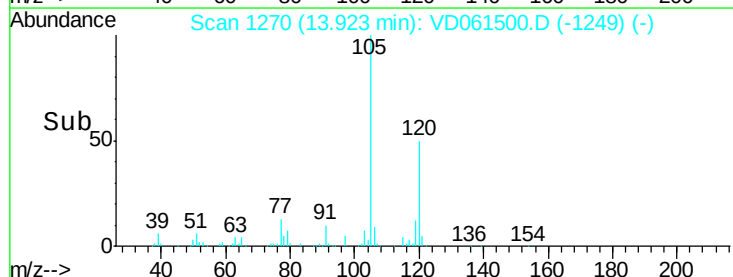
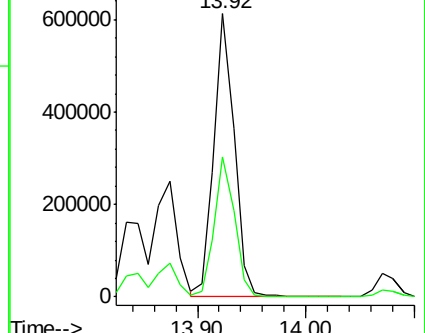
105 100

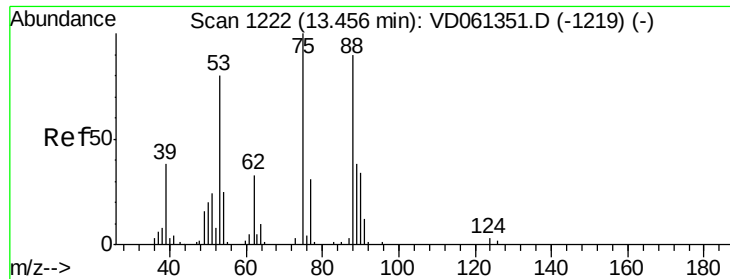
120 49.6 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

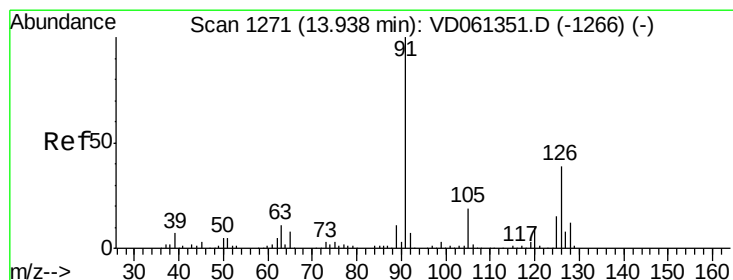
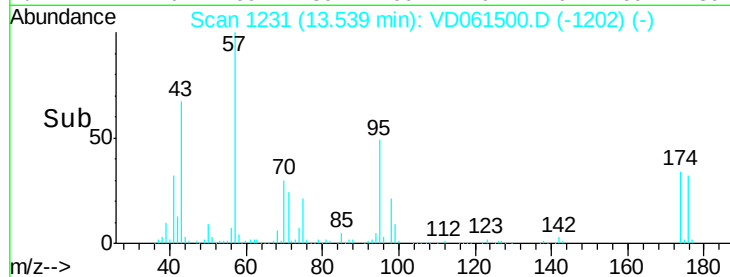
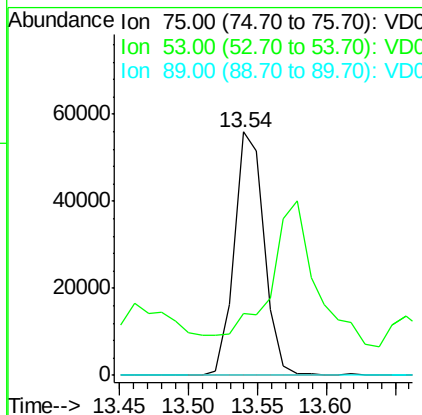
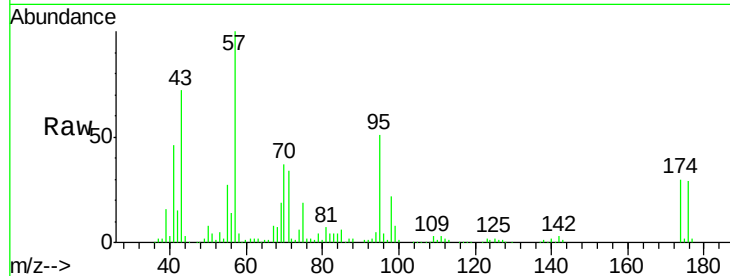




#81
trans-1,4-Dichloro-2-butene
Concen: 95.662 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

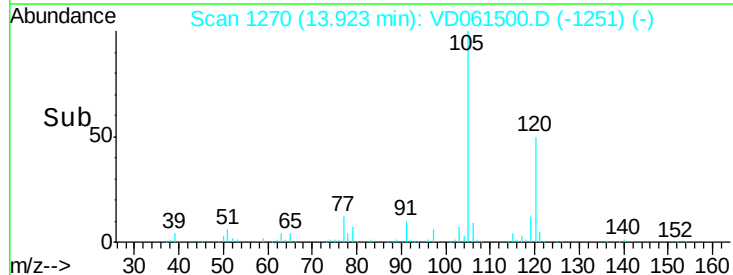
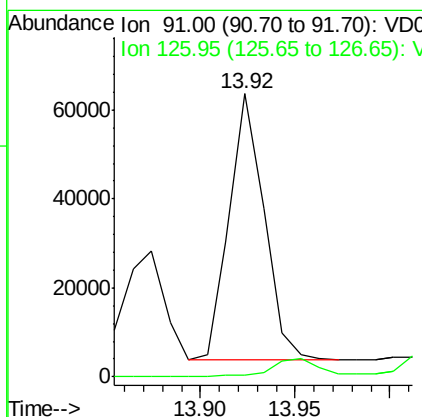
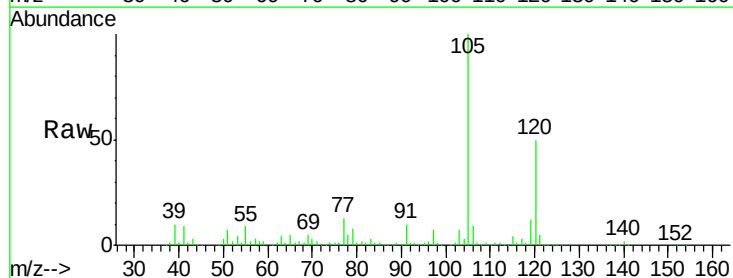
Instrument :
MSVOA_D
ClientSampleId :

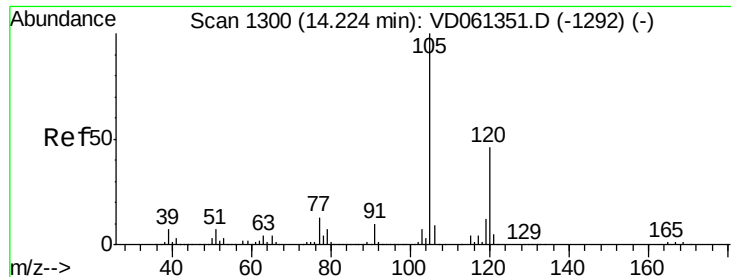
Tot Ion: 75 Resp: 84397
Ion Ratio Lower Upper
75 100
53 25.3 63.8 95.8#
89 0.0 30.5 45.7#



#82
4-Chlorotoluene
Concen: 7.596 ug/l
RT: 13.92 min Scan# 1270
Delta R.T. -0.02 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Tgt Ion: 91 Resp: 76514
Ion Ratio Lower Upper
91 100
126 0.7 19.6 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 43.633 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

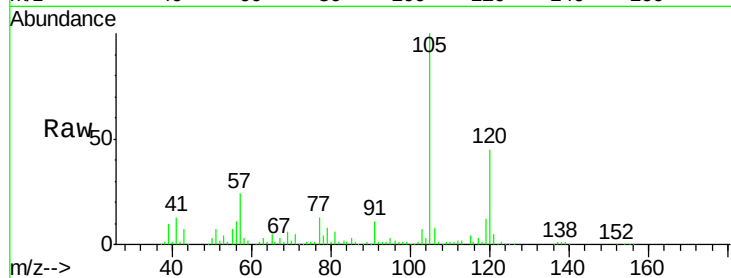
ClientSampled :

Tot Ion:105 Resp: 510975

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.23

400000

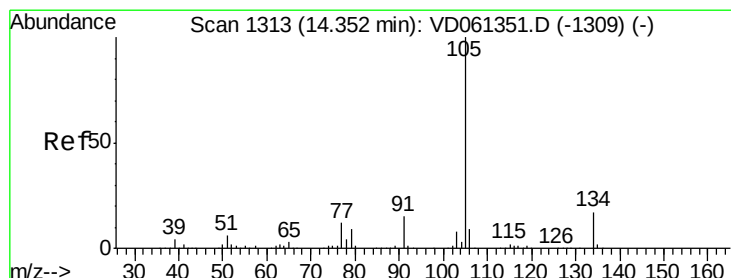
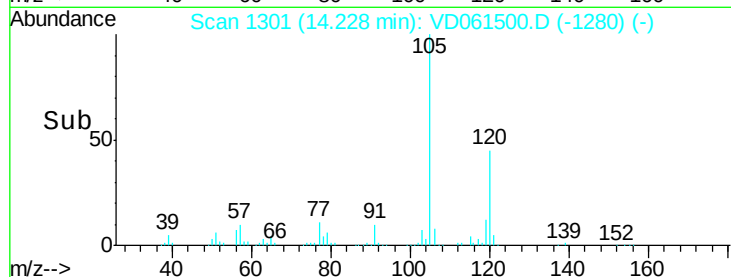
300000

200000

100000

0

Time-->



#85

sec-Butylbenzene

Concen: 6.325 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VD061500.D

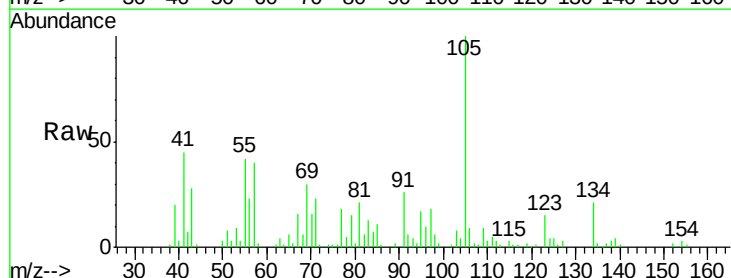
Acq: 2 Apr 2019 7:39

Tgt Ion:105 Resp: 90838

Ion Ratio Lower Upper

105 100

134 20.9 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.36

200000

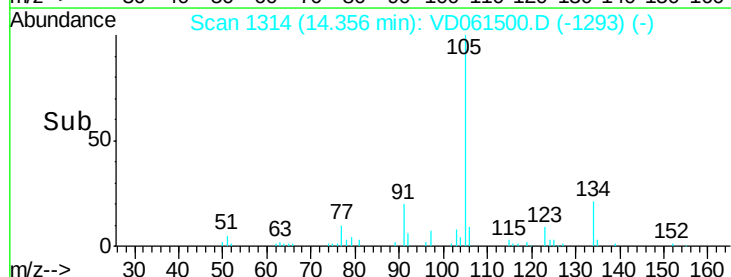
150000

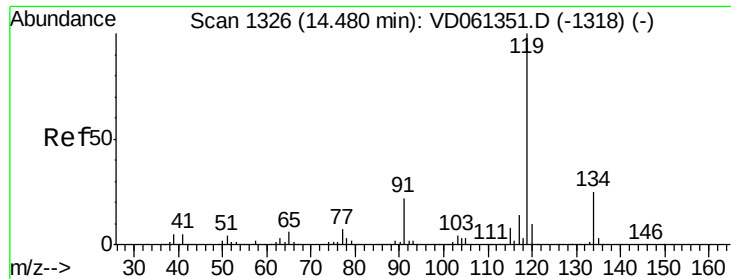
100000

50000

0

Time-->

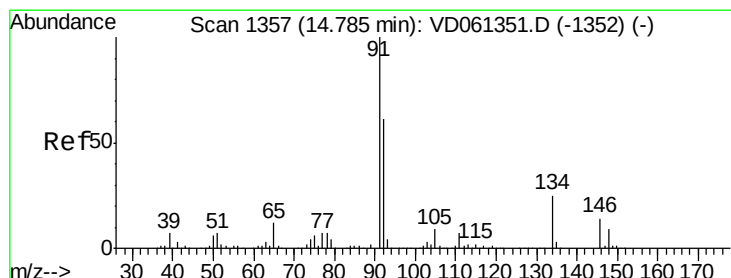
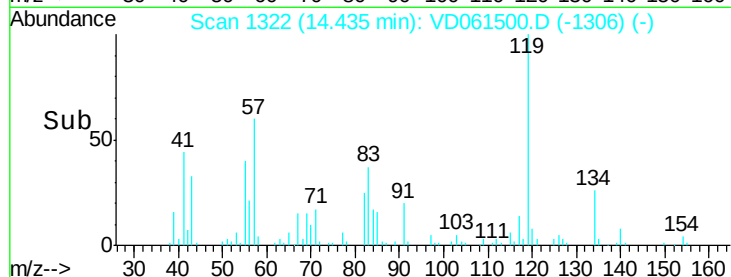
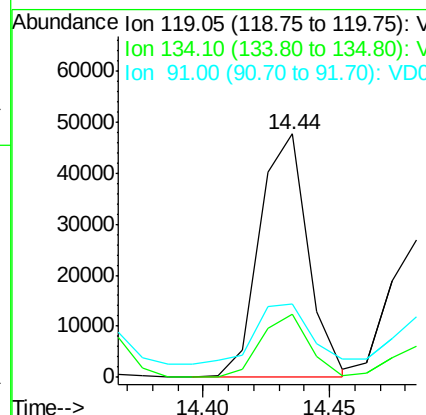
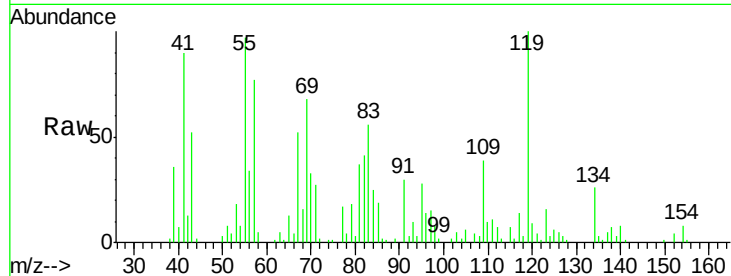




#86
 p-Isopropyltoluene
 Concen: 5.246 ug/l
 RT: 14.44 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: VD061500.D
 Acq: 2 Apr 2019 7:39

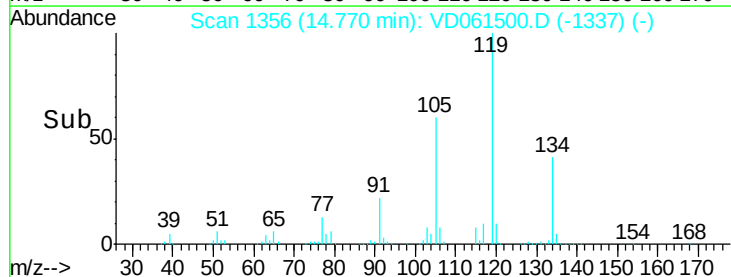
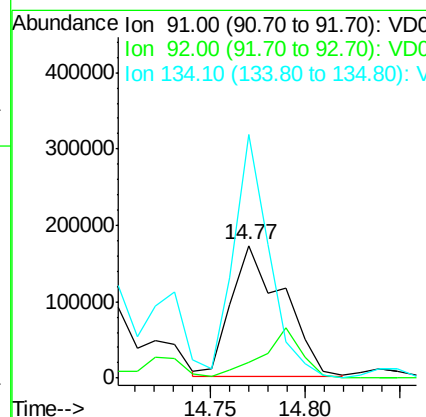
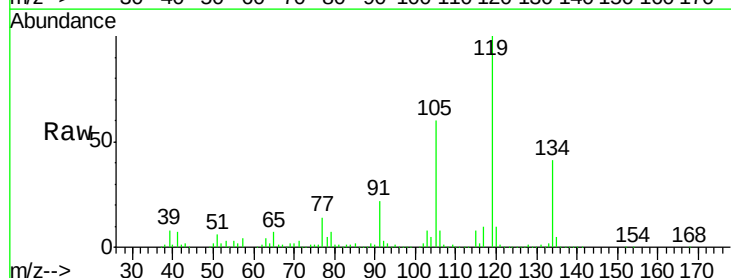
Instrument :
 MSVOA_D
 ClientSampleID :

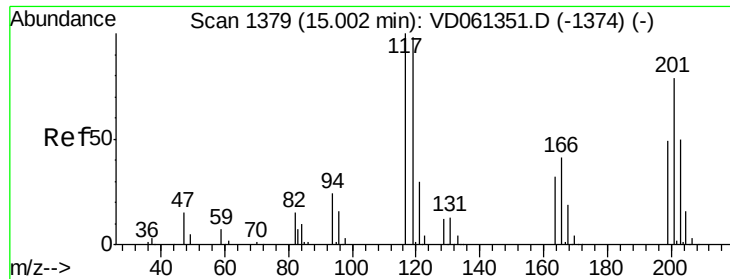
Tot Ion:119 Resp: 63706
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.3 36.8
 91 30.0 11.1 33.1



#89
 n-Butylbenzene
 Concen: 29.482 ug/l
 RT: 14.77 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: VD061500.D
 Acq: 2 Apr 2019 7:39

Tgt Ion: 91 Resp: 328605
 Ion Ratio Lower Upper
 91 100
 92 11.6 30.3 91.0#
 134 183.3 12.4 37.0#





#90

Hexachloroethane

Concen: 15.866 ug/l

RT: 14.97 min Scan# 1376

Delta R.T. -0.03 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

Instrument :

MSVOA_D

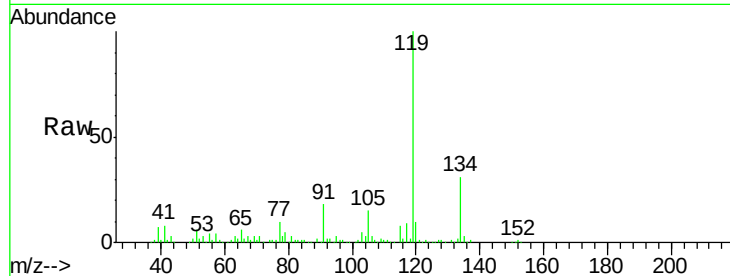
ClientSampleId :

Tot Ion:117 Resp: 54433

Ion Ratio Lower Upper

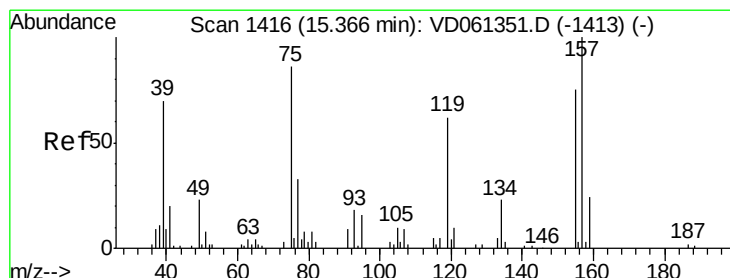
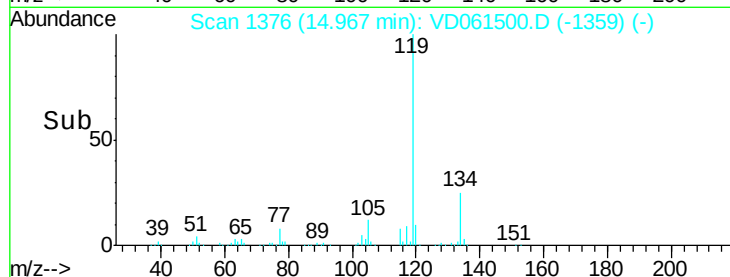
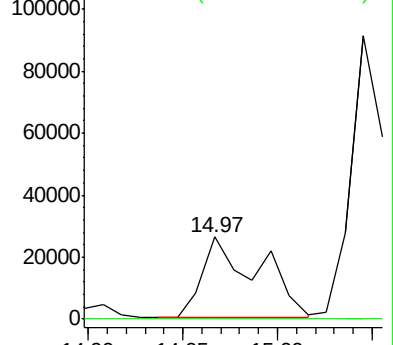
117 100

201 0.0 39.6 119.0#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.560 ug/l

RT: 15.33 min Scan# 1413

Delta R.T. -0.03 min

Lab File: VD061500.D

Acq: 2 Apr 2019 7:39

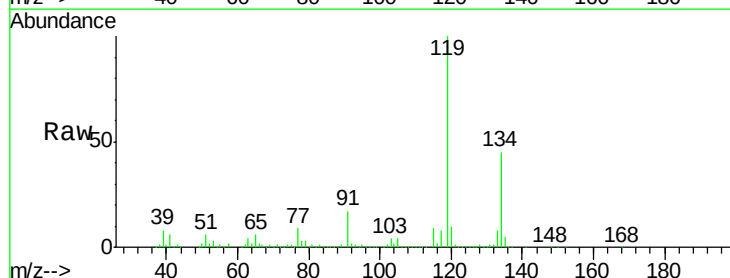
Tgt Ion: 75 Resp: 6057

Ion Ratio Lower Upper

75 100

155 0.0 43.6 130.9#

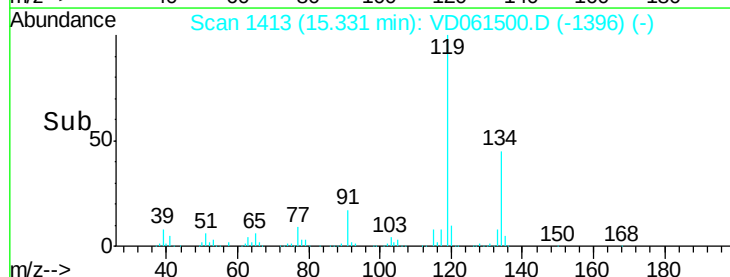
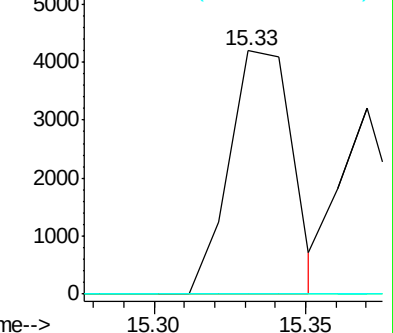
157 0.0 58.5 175.3#

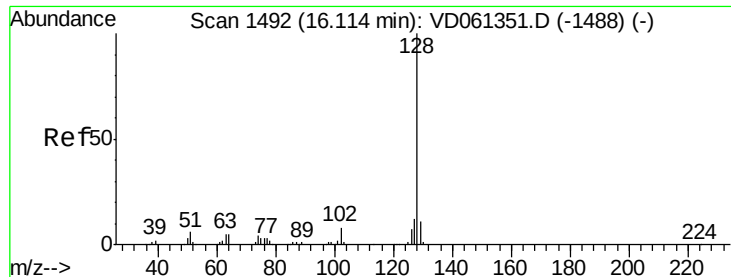


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95
Naphthalene
Concen: 3.169 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD061500.D
Acq: 2 Apr 2019 7:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 12632
Ion Ratio Lower Upper
128 100
127 21.1 9.9 14.9#
129 23.9 8.9 13.3#

