

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061267.D
 Acq On : 22 Mar 2019 18:09
 Operator : VA/AP
 Sample : K2004-07RE
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)RE

Quant Time: Mar 22 23:28:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	303542	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.28	114	489939	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	241245	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.55	152	79630	50.00	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	156060	61.77	ug/l	0.06
Spiked Amount	50.000		Recovery	=	123.54%	
35) Dibromofluoromethane	6.98	113	258784	71.17	ug/l	0.05
Spiked Amount	50.000		Recovery	=	142.34%	
50) Toluene-d8	10.45	98	421139	46.12	ug/l	0.05
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	13.64	95	160414	45.28	ug/l	0.09
Spiked Amount	50.000		Recovery	=	90.56%	

Target Compounds			Qvalue			
5) Bromomethane	2.14	94	178	Below Cal	#	8
16) Acetone	3.26	43	79585	110.150	ug/l	95
18) Methyl Acetate	3.71	43	1488	1.046	ug/l #	59
20) Methylene Chloride	3.88	84	33642	6.119	ug/l	91
25) 2-Butanone	6.12	43	38713	47.219	ug/l	92
29) Tetrahydrofuran	6.71	42	1945	4.369	ug/l #	1
36) 1,1-Dichloropropene	7.10	75	20986	4.969	ug/l #	49
37) Ethyl Acetate	6.12	43	37267	18.805	ug/l #	66
38) Carbon Tetrachloride	7.11	117	28506	6.128	ug/l #	14
39) Methylcyclohexane	8.90	83	182636	41.706	ug/l #	40
43) Isopropyl Acetate	9.33	43	240833	87.739	ug/l #	43
48) Methyl methacrylate	9.15	41	24425	15.804	ug/l #	40
51) 4-Methyl-2-Pentanone	10.41	43	50378	29.959	ug/l #	86
55) 1,1,2-Trichloroethane	11.14	97	556300	254.563	ug/l #	19
56) Ethyl methacrylate	11.14	69	127171	55.596	ug/l #	1
59) 2-Hexanone	11.68	43	977905	795.003	ug/l #	45
60) Dibromochloromethane	11.68	129	5599	1.741	ug/l #	44
68) m/p-Xylenes	12.71	106	2873	1.040	ug/l #	1
74) N-amyl acetate	13.30	43	848032	524.803	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	13.74	83	297688	265.872	ug/l #	76
76) 1,2,3-Trichloropropane	13.58	75	28020	24.458	ug/l	97
77) Bromobenzene	13.76	156	2598	1.773	ug/l #	1
78) n-propylbenzene	13.74	91	8907	1.326	ug/l #	54
79) 2-Chlorotoluene	13.92	91	9944	2.688	ug/l	79
80) 1,3,5-Trimethylbenzene	14.26	105	13379	3.071	ug/l	81
81) trans-1,4-Dichloro-2-buten	13.58	75	28026	82.978	ug/l #	75
82) 4-Chlorotoluene	13.92	91	17923	4.099	ug/l	81
83) tert-Butylbenzene	14.21	119	28358	5.948	ug/l	76
84) 1,2,4-Trimethylbenzene	14.26	105	13379	3.071	ug/l	81
85) sec-Butylbenzene	14.39	105	7763	1.334	ug/l #	1
90) Hexachloroethane	15.08	117	20179	15.020	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	15.37	75	1661	12.311	ug/l #	25

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

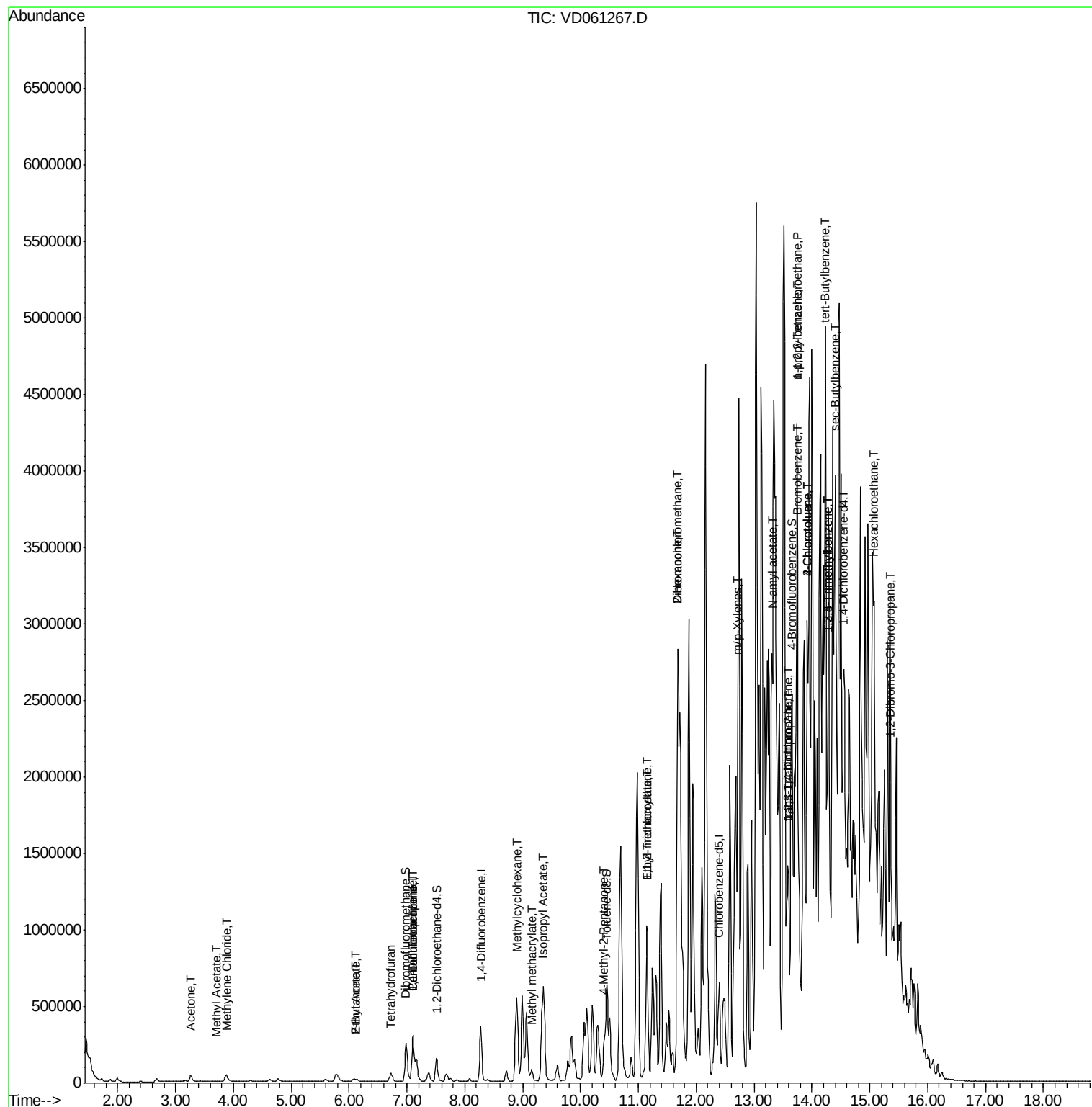
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

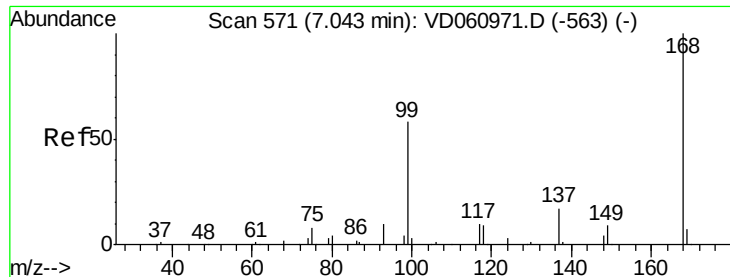
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.11 min Scan# 577

Delta R.T. 0.06 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

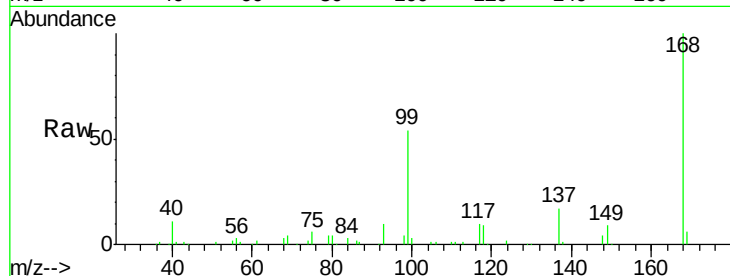
SB-19B(7-8)RE

Tot Ion:168 Resp: 303542

Ion Ratio Lower Upper

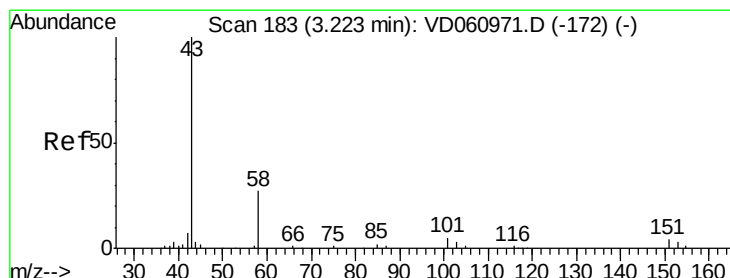
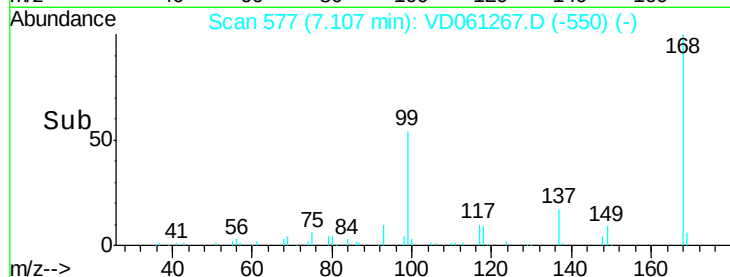
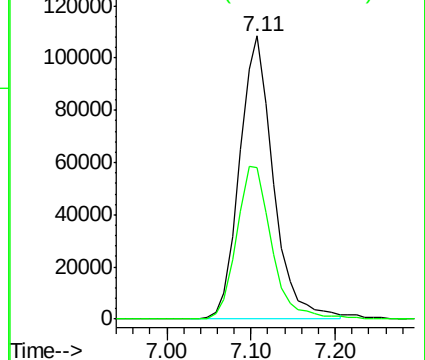
168 100

99 53.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 110.150 ug/l

RT: 3.26 min Scan# 186

Delta R.T. 0.03 min

Lab File: VD061267.D

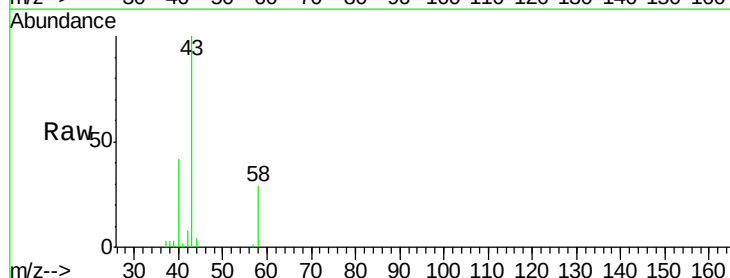
Acq: 22 Mar 2019 18:09

Tgt Ion: 43 Resp: 79585

Ion Ratio Lower Upper

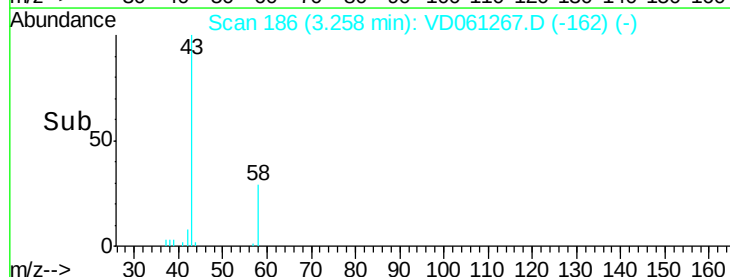
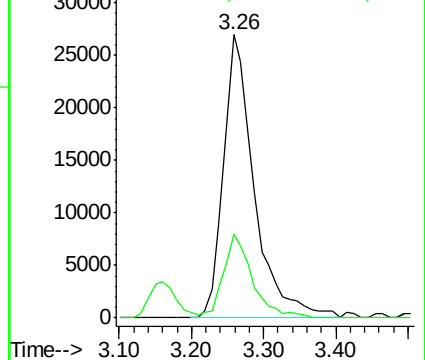
43 100

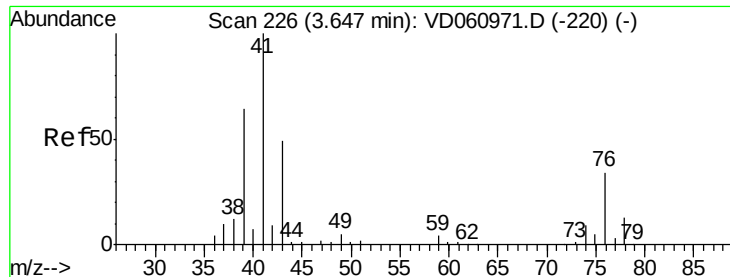
58 29.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

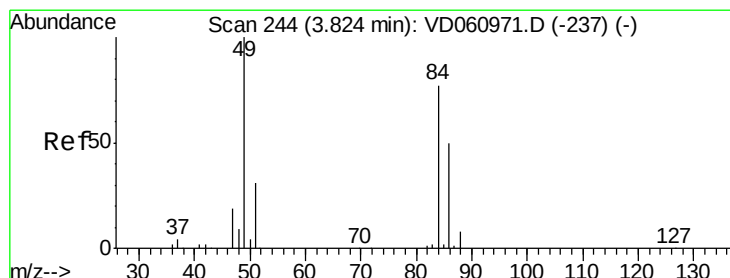
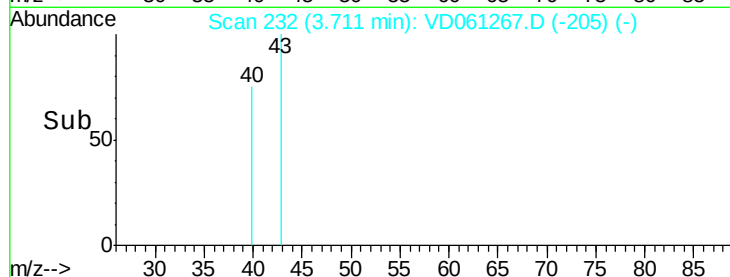
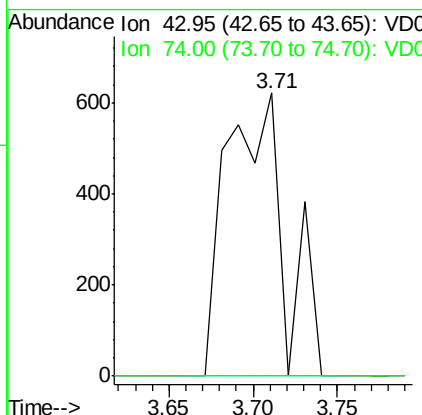
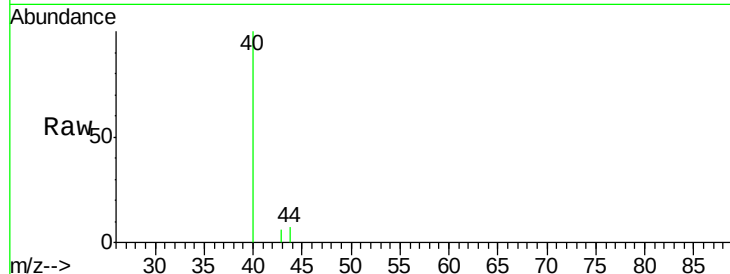




#18
Methyl Acetate
Concen: 1.046 ug/l
RT: 3.71 min Scan# 232
Delta R.T. 0.06 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

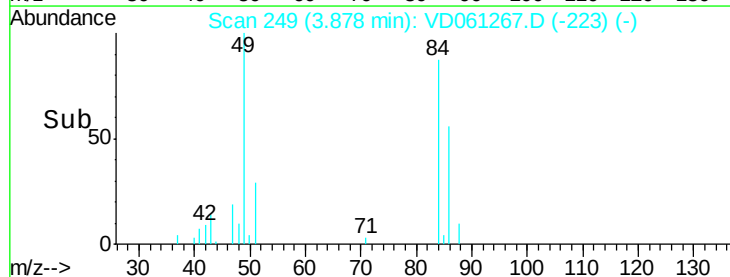
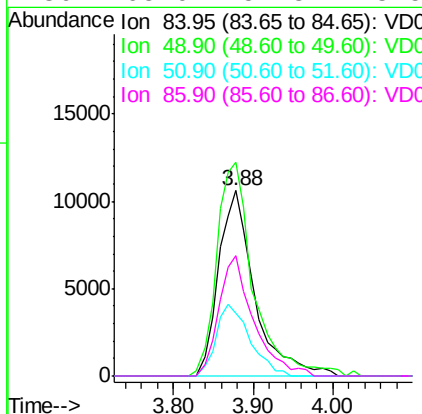
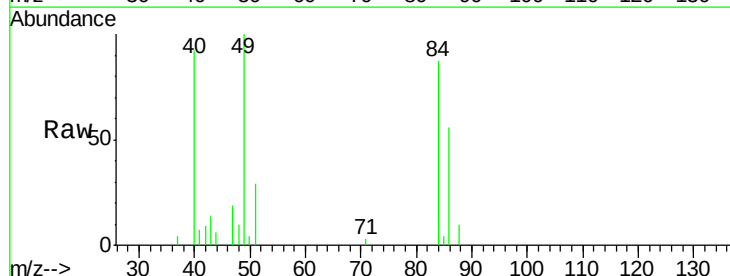
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

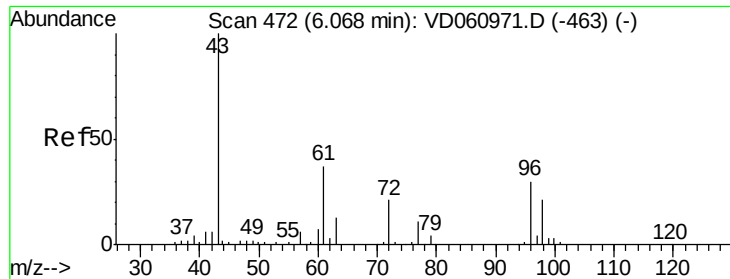
Tot Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#



#20
Methylene Chloride
Concen: 6.119 ug/l
RT: 3.88 min Scan# 249
Delta R.T. 0.06 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 84 Resp: 33642
Ion Ratio Lower Upper
84 100
49 115.3 104.2 156.2
51 33.7 32.3 48.5
86 65.0 52.3 78.5





#25

2-Butanone

Concen: 47.219 ug/l

RT: 6.12 min Scan# 477

Delta R.T. 0.05 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

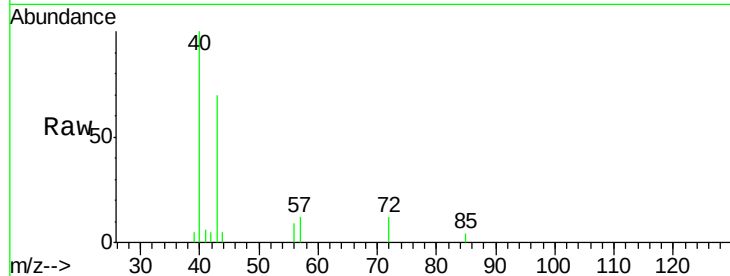
SB-19B(7-8)RE

Tot Ion: 43 Resp: 38713

Ion Ratio Lower Upper

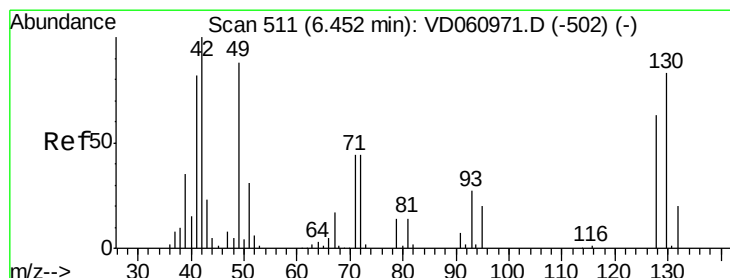
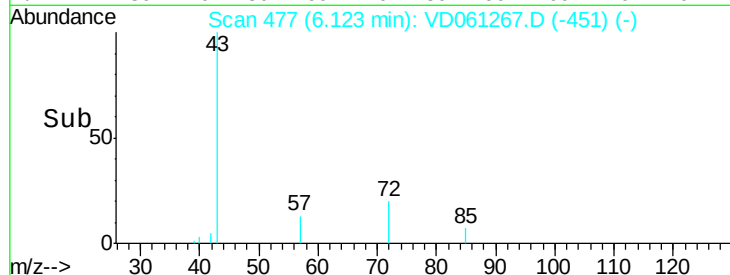
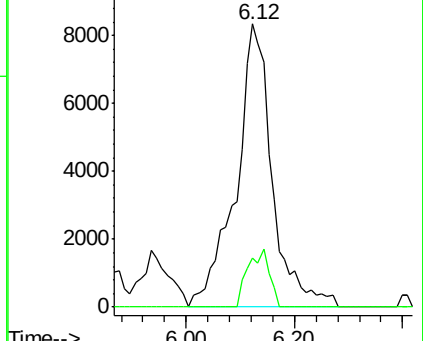
43 100

72 17.2 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 4.369 ug/l

RT: 6.71 min Scan# 537

Delta R.T. 0.26 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

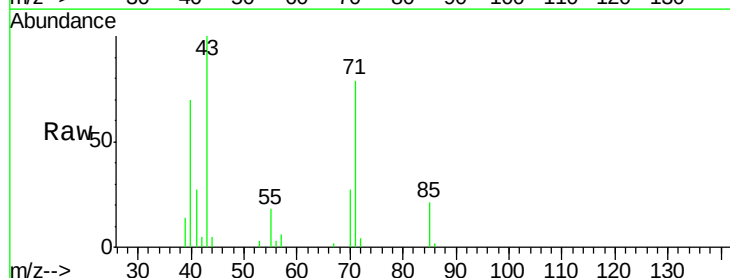
Tgt Ion: 42 Resp: 1945

Ion Ratio Lower Upper

42 100

72 93.2 34.5 51.7#

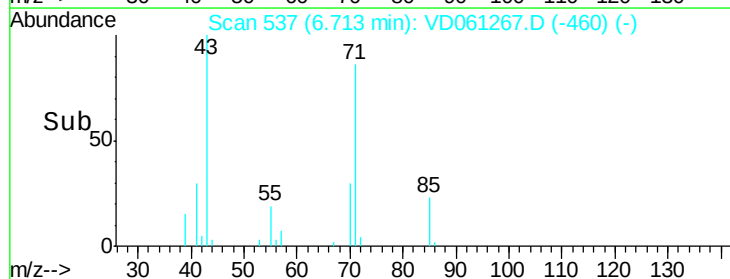
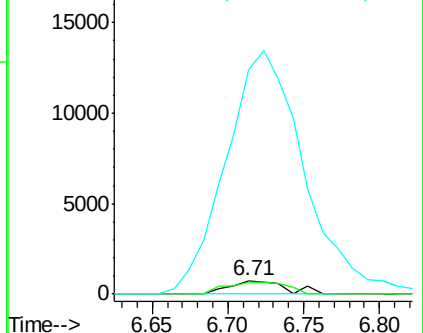
71 2513.2 33.8 50.6#

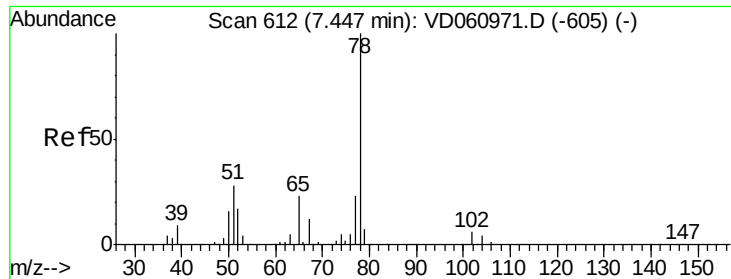


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

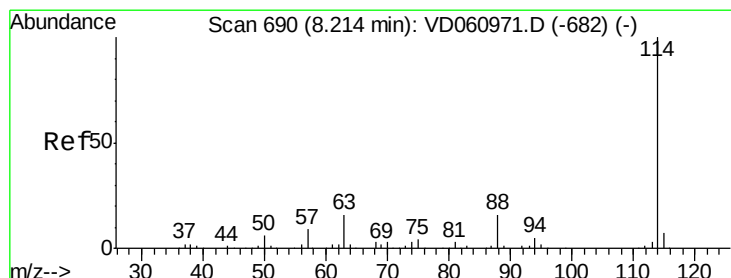
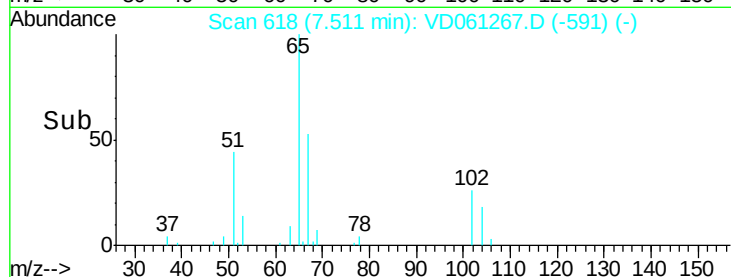
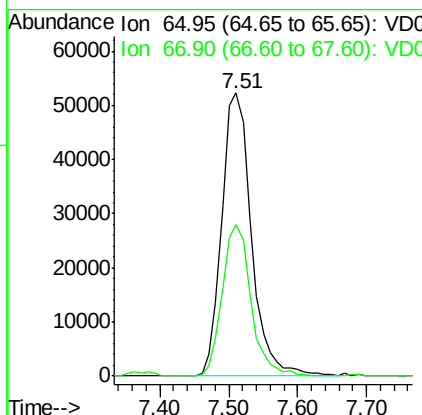
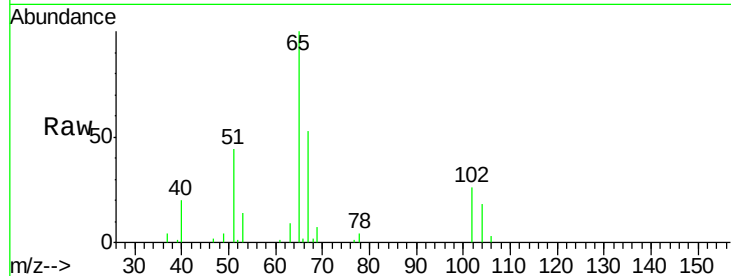




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.51 min Scan# 618
 Delta R.T. 0.06 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

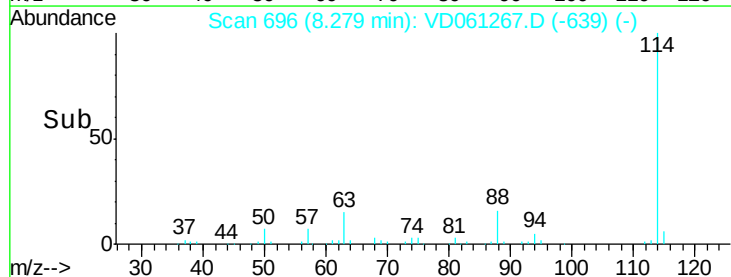
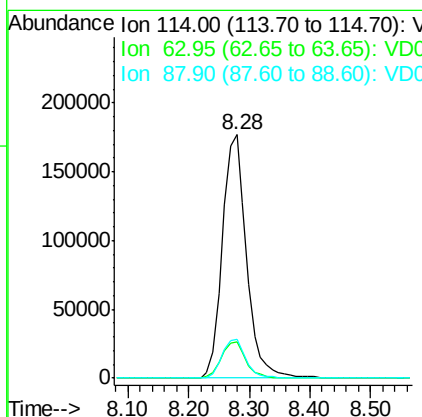
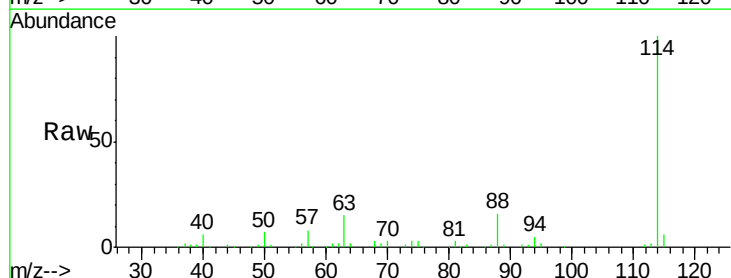
Instrument :
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 SB-19B(7-8)RE

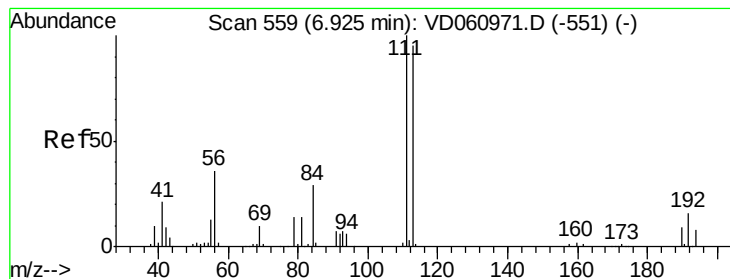
Tot Ion: 65 Resp: 156060
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.28 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

Tgt Ion: 114 Resp: 489939
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 31.4
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.98 min Scan# 564

Delta R.T. 0.05 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)RE

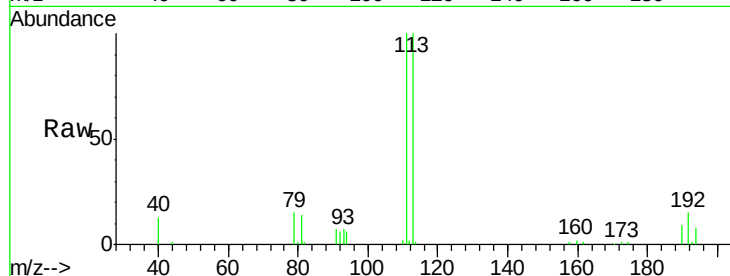
Tot Ion:113 Resp: 258784

Ion Ratio Lower Upper

113 100

111 100.0 84.2 126.4

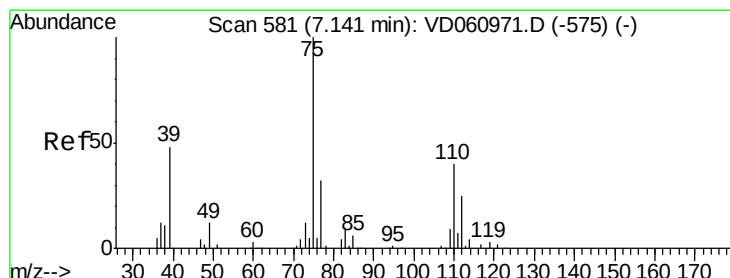
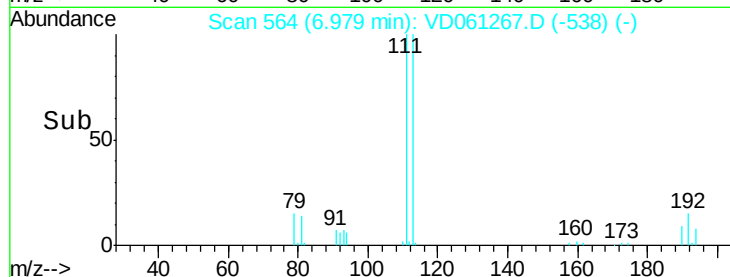
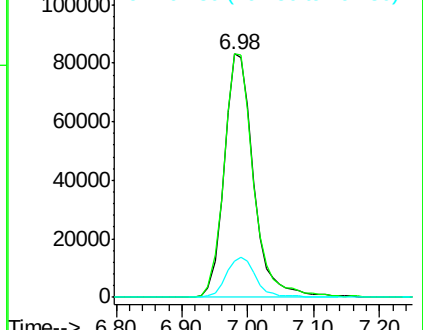
192 14.9 13.1 19.7



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: 4.969 ug/l

RT: 7.10 min Scan# 576

Delta R.T. -0.04 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

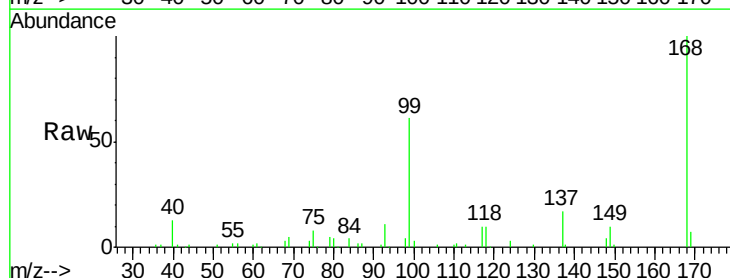
Tgt Ion: 75 Resp: 20986

Ion Ratio Lower Upper

75 100

110 10.5 19.7 59.1#

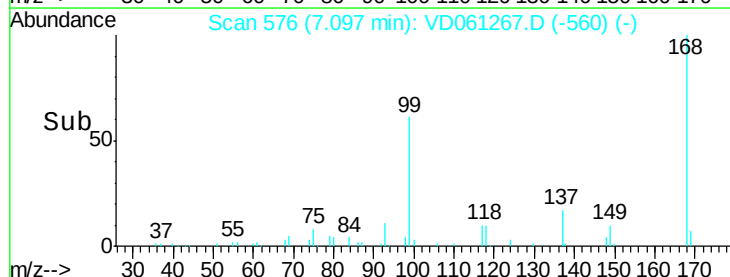
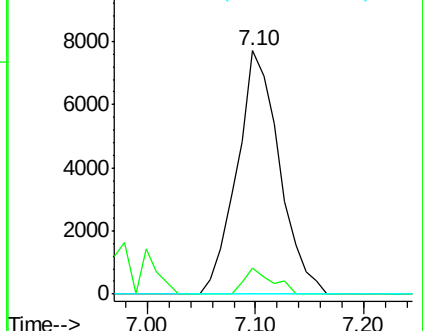
77 0.0 24.7 37.1#

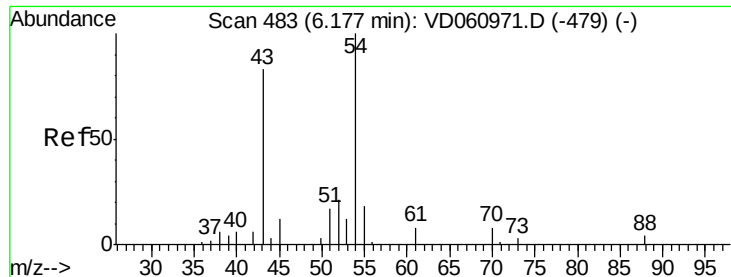


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 18.805 ug/l

RT: 6.12 min Scan# 477

Delta R.T. -0.05 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

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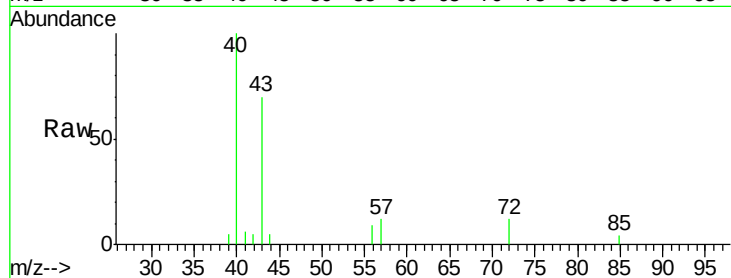
Tot Ion: 43 Resp: 37267

Ion Ratio Lower Upper

43 100

61 0.0 13.7 20.5#

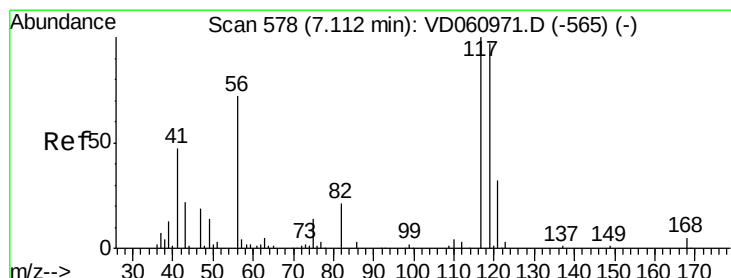
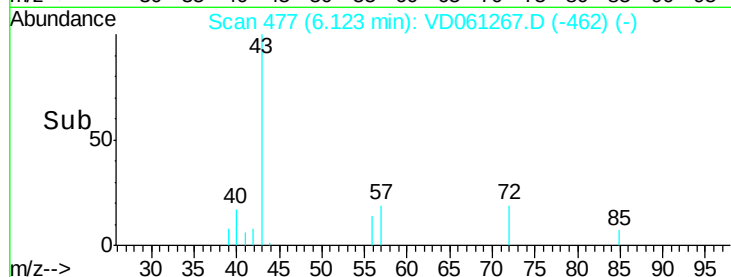
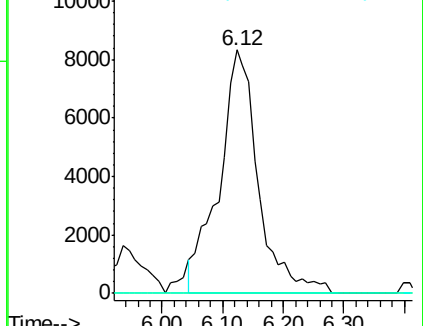
70 0.0 7.1 10.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 6.128 ug/l

RT: 7.11 min Scan# 577

Delta R.T. -0.00 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

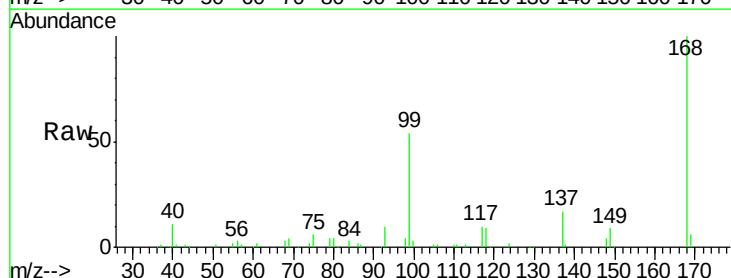
Tgt Ion: 117 Resp: 28506

Ion Ratio Lower Upper

117 100

119 3.7 77.8 116.8#

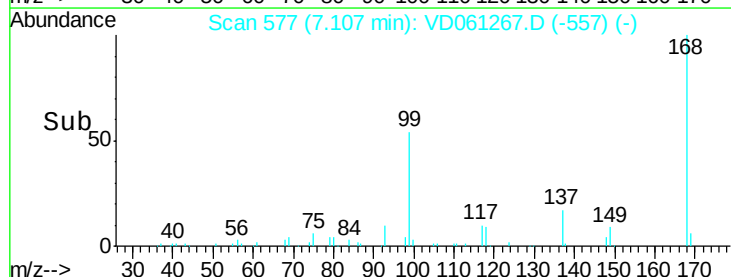
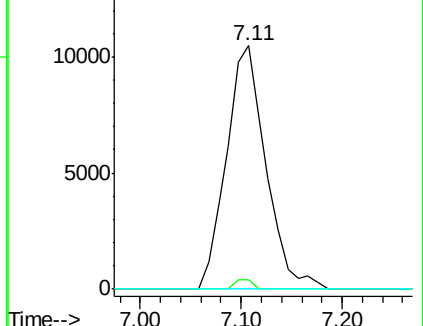
121 0.0 25.3 37.9#

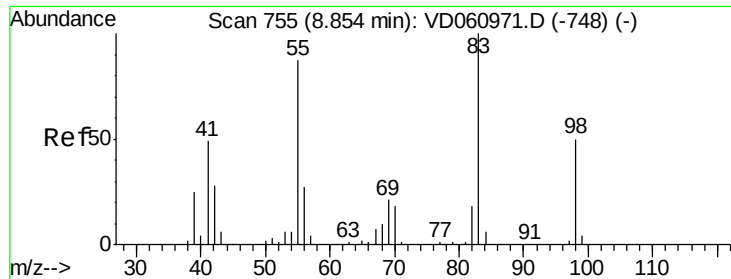


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

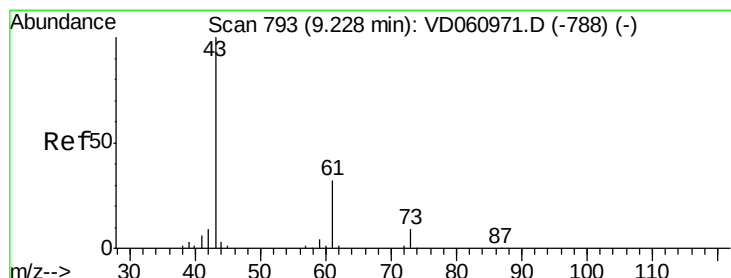
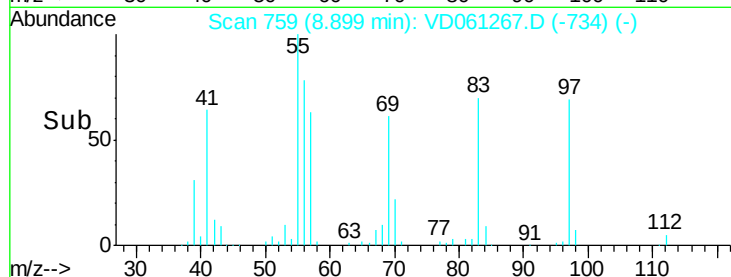
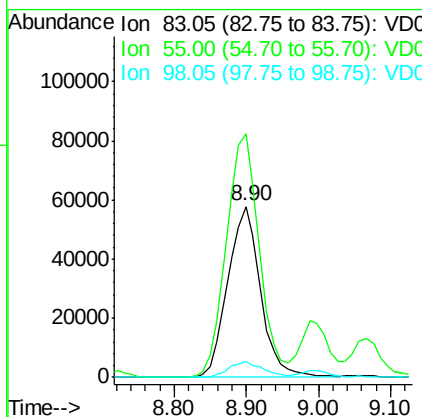
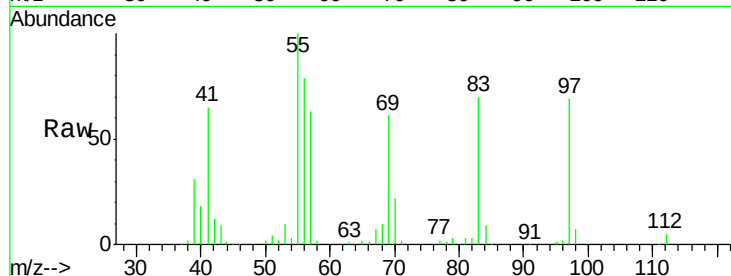




#39
Methylcyclohexane
Concen: 41.706 ug/l
RT: 8.90 min Scan# 759
Delta R.T. 0.04 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

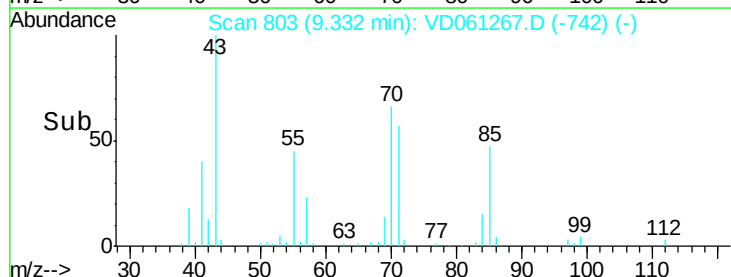
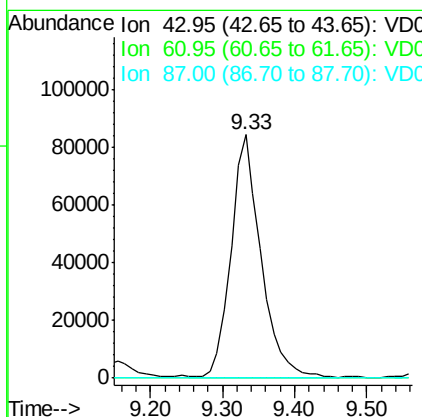
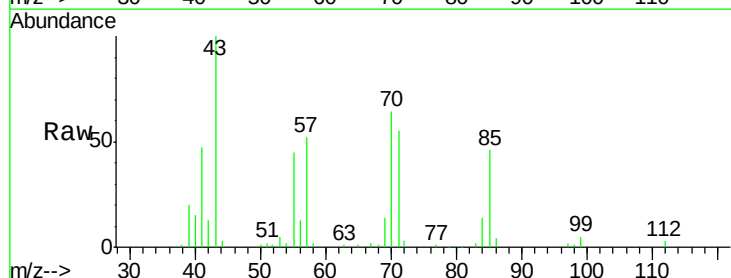
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

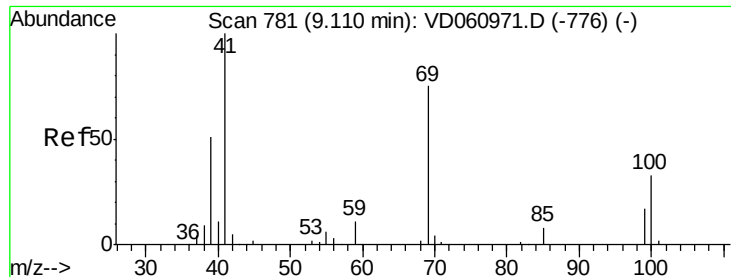
Tot Ion: 83 Resp: 182636
Ion Ratio Lower Upper
83 100
55 142.4 69.6 104.4#
98 9.5 40.0 60.0#



#43
Isopropyl Acetate
Concen: 87.739 ug/l
RT: 9.33 min Scan# 803
Delta R.T. 0.10 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 43 Resp: 240833
Ion Ratio Lower Upper
43 100
61 0.0 25.6 38.4#
87 0.0 0.2 0.4#

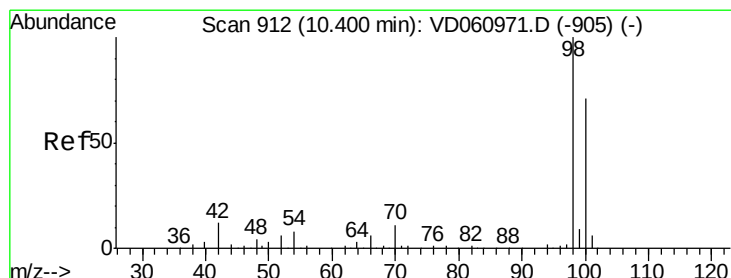
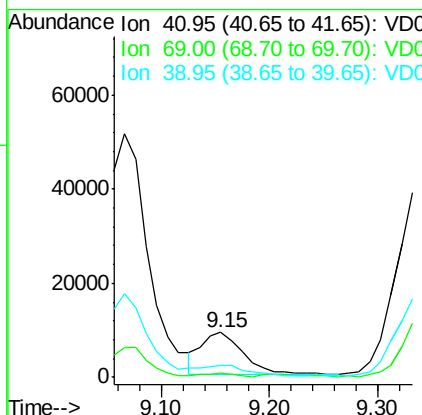
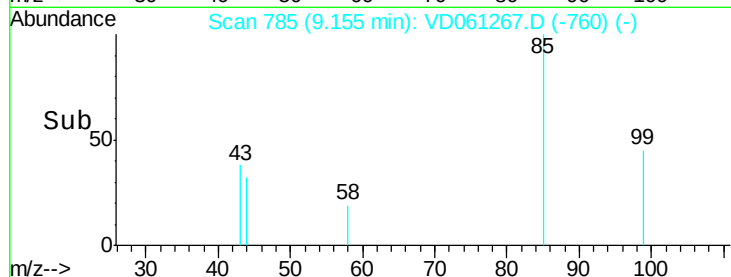
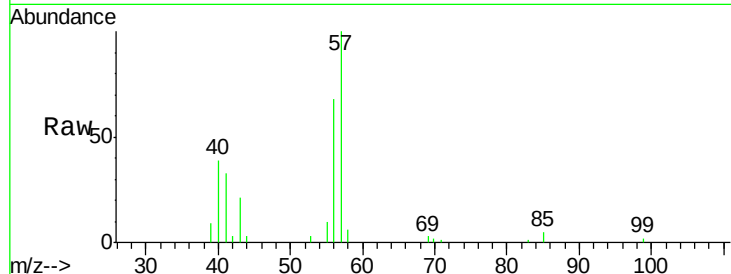




#48
Methyl methacrylate
Concen: 15.804 ug/l
RT: 9.15 min Scan# 785
Delta R.T. 0.04 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

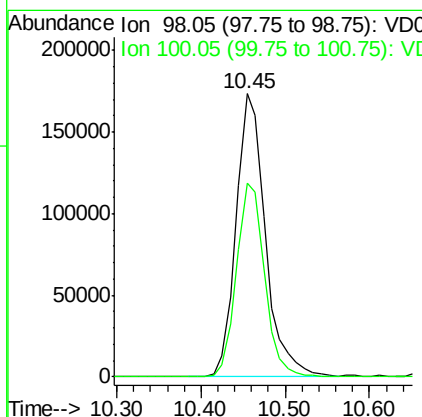
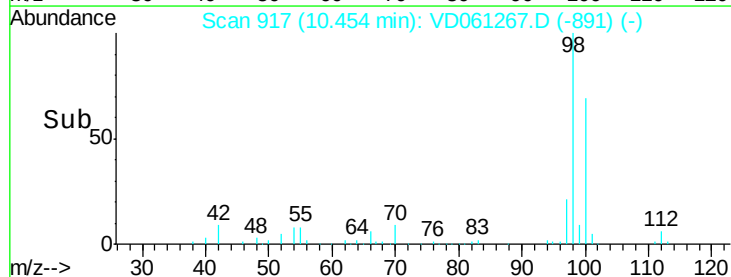
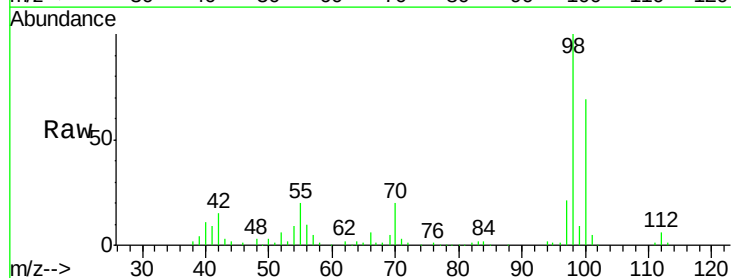
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

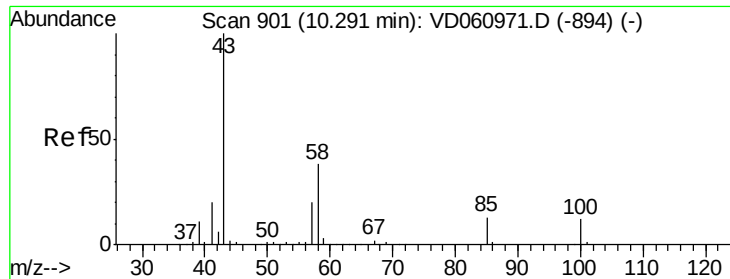
Tot Ion: 41 Resp: 24425
Ion Ratio Lower Upper
41 100
69 8.1 59.9 89.9#
39 27.6 40.9 61.3#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.45 min Scan# 917
Delta R.T. 0.05 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 98 Resp: 421139
Ion Ratio Lower Upper
98 100
100 68.5 57.4 86.2





#51

4-Methyl-2-Pentanone

Concen: 29.959 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.11 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

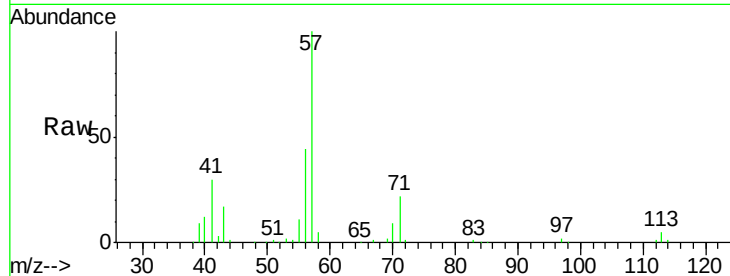
SB-19B(7-8)RE

Tot Ion: 43 Resp: 50378

Ion Ratio Lower Upper

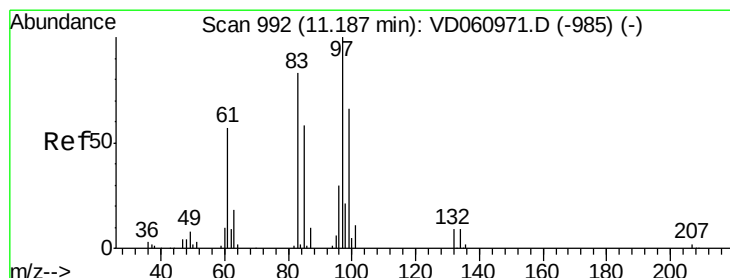
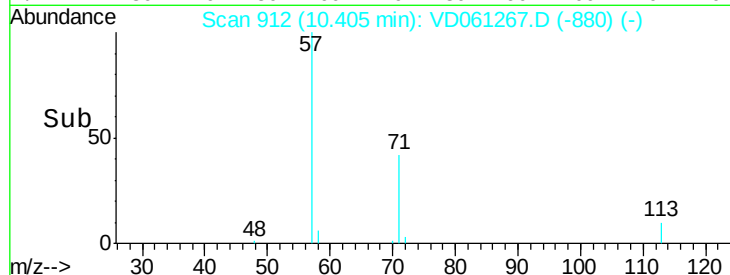
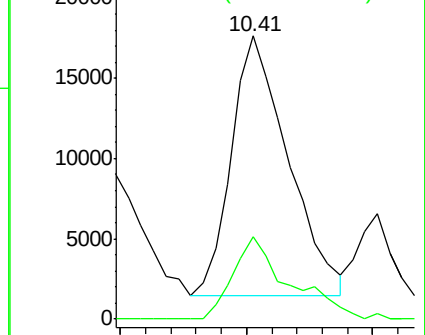
43 100

58 29.3 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#55

1,1,2-Trichloroethane

Concen: 254.563 ug/l

RT: 11.14 min Scan# 987

Delta R.T. -0.04 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Tgt Ion: 97 Resp: 556300

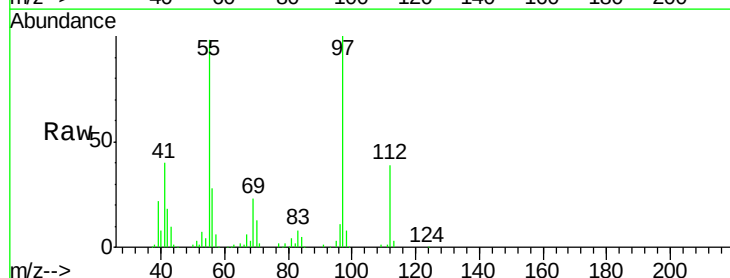
Ion Ratio Lower Upper

97 100

83 8.1 66.6 100.0#

85 0.4 46.4 69.6#

99 0.3 52.4 78.6#

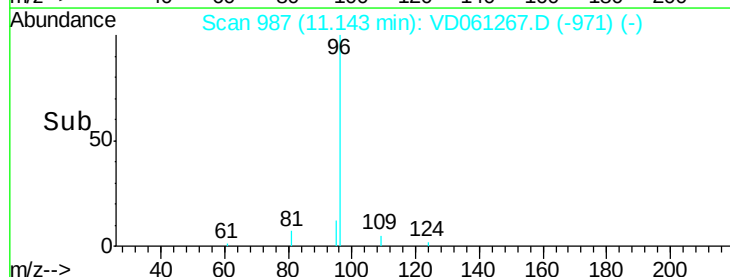
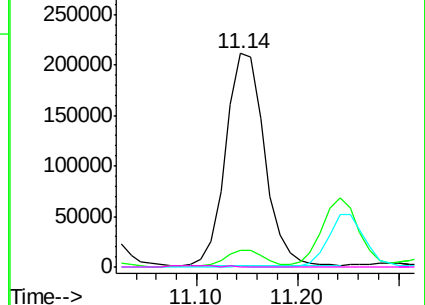


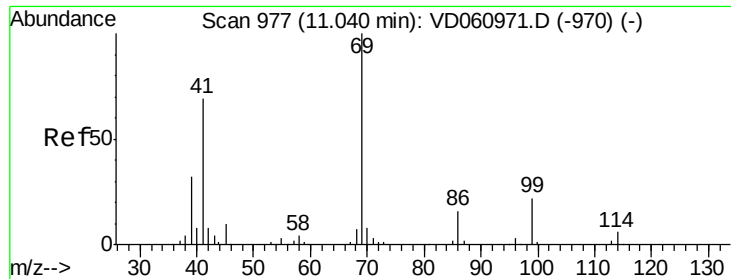
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC





#56

Ethyl methacrylate

Concen: 55.596 ug/l

RT: 11.14 min Scan# 987

Delta R.T. 0.10 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)RE

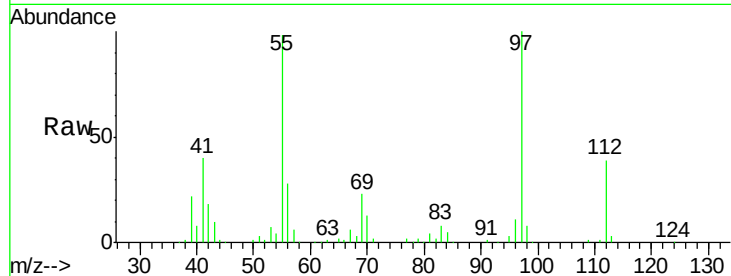
Tot Ion: 69 Resp: 127171

Ion Ratio Lower Upper

69 100

41 170.7 55.5 83.3#

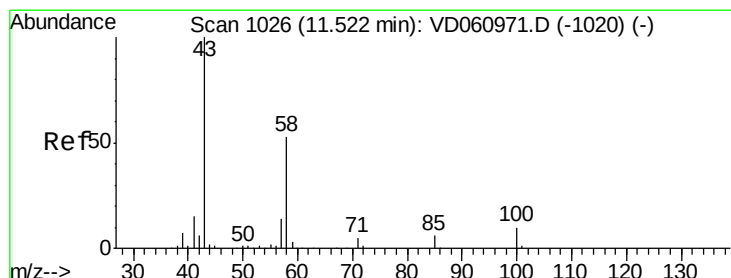
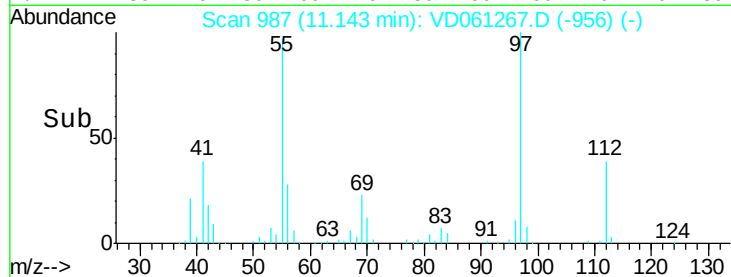
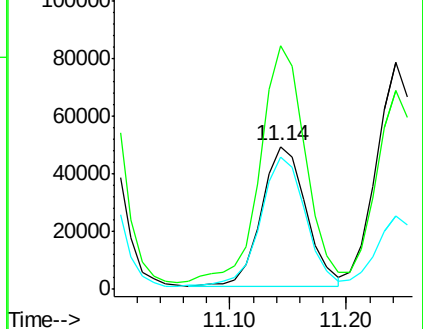
39 92.5 26.2 39.2#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



#59

2-Hexanone

Concen: 795.003 ug/l

RT: 11.68 min Scan# 1041

Delta R.T. 0.15 min

Lab File: VD061267.D

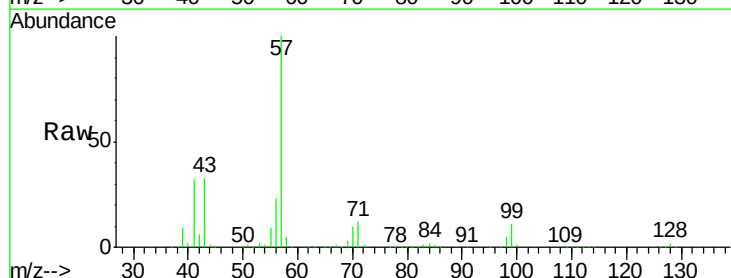
Acq: 22 Mar 2019 18:09

Tgt Ion: 43 Resp: 977905

Ion Ratio Lower Upper

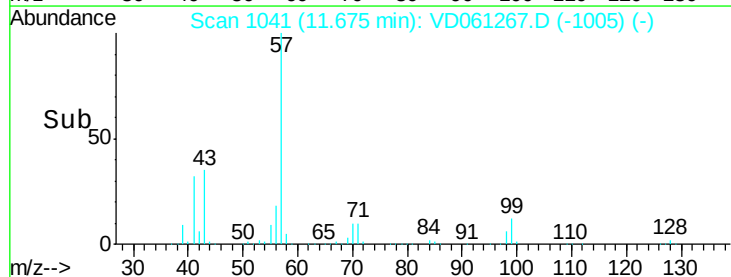
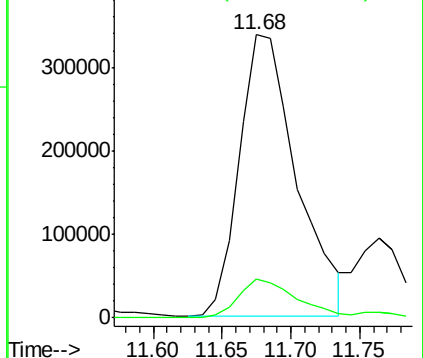
43 100

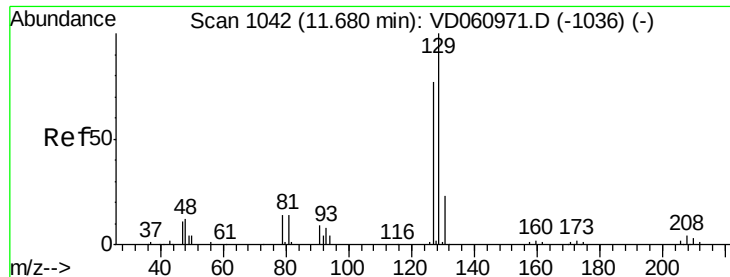
58 13.9 26.5 79.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

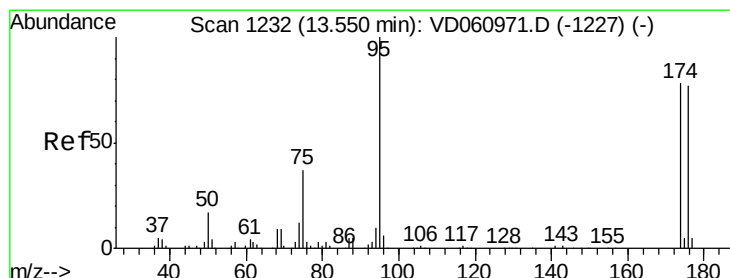
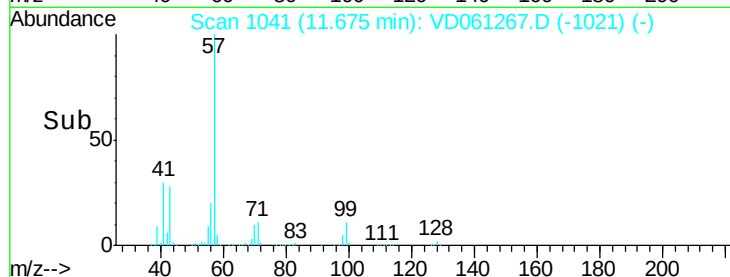
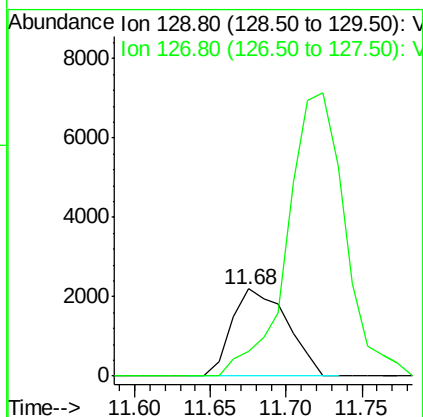
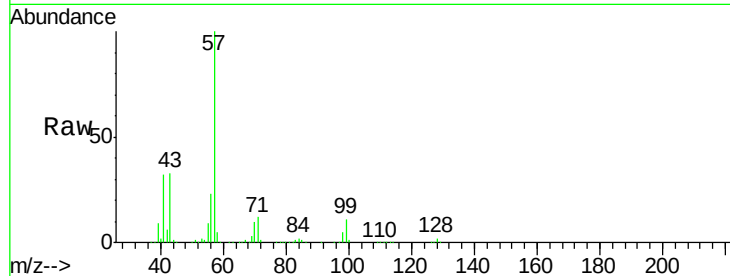




#60
Dibromochloromethane
Concen: 1.741 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

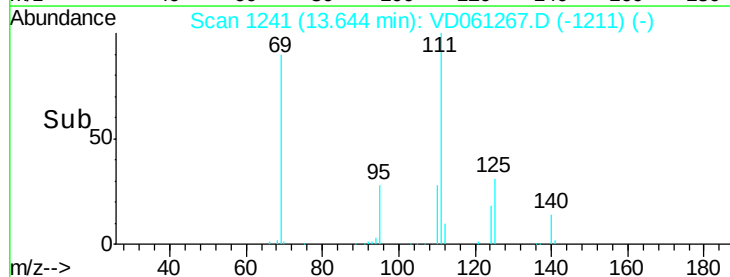
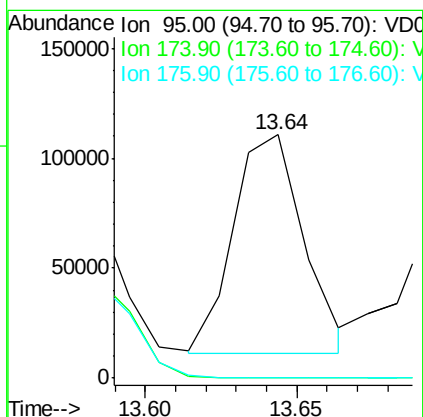
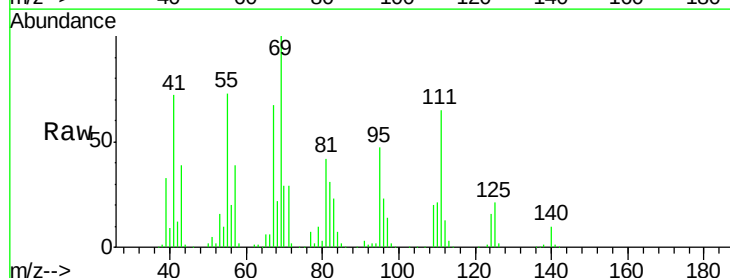
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

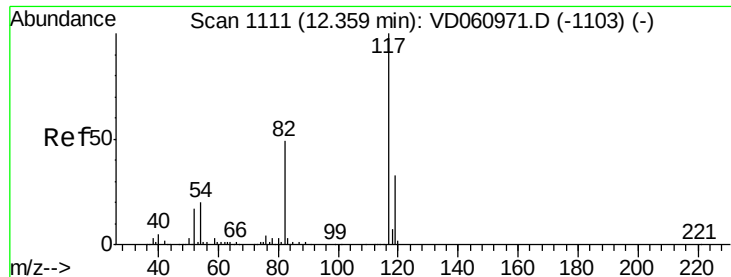
Tot Ion:129 Resp: 5599
Ion Ratio Lower Upper
129 100
127 28.1 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.64 min Scan# 1241
Delta R.T. 0.09 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 95 Resp: 160414
Ion Ratio Lower Upper
95 100
174 0.0 0.0 155.6
176 0.0 0.0 153.8

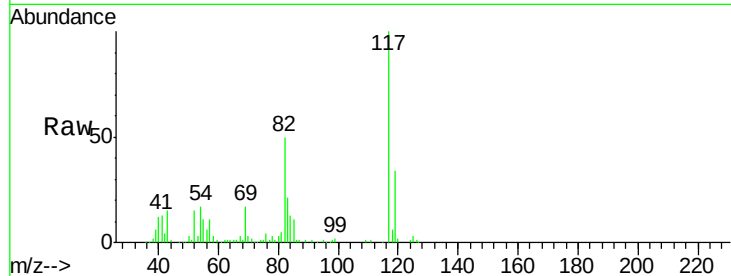




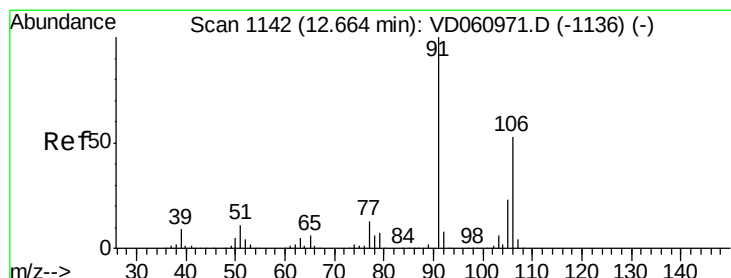
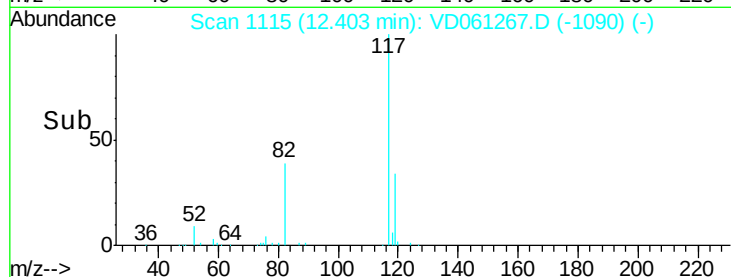
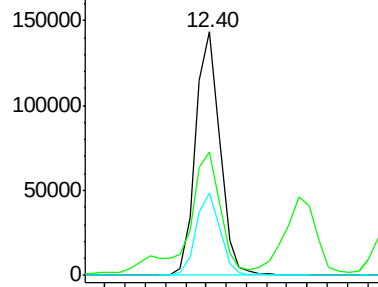
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

Tot Ion:117 Resp: 241245
Ion Ratio Lower Upper
117 100
82 50.5 38.9 58.3
119 34.0 26.6 39.8

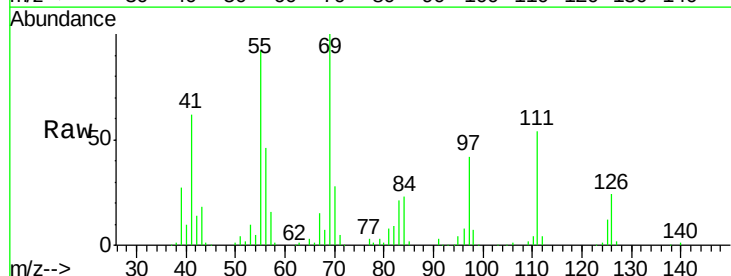


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

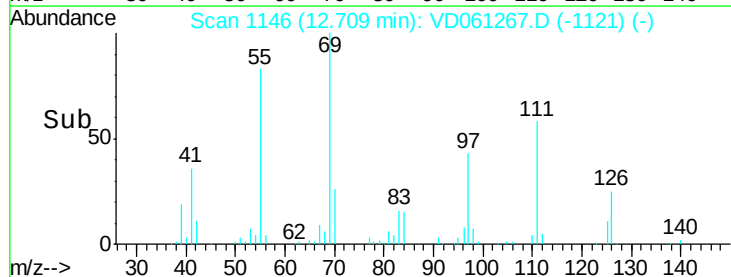
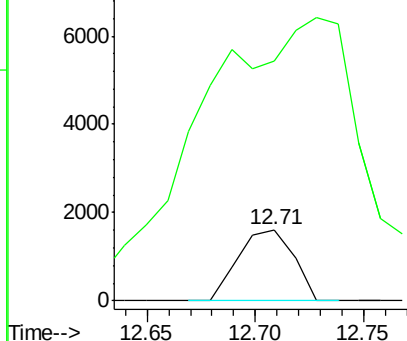


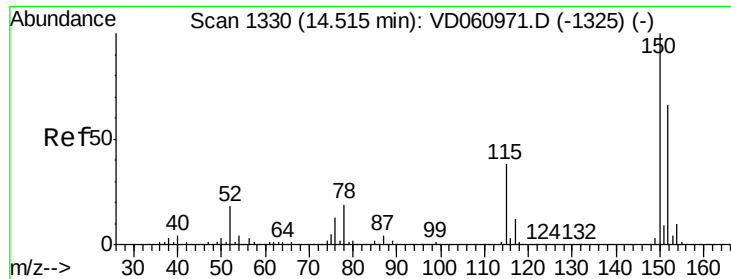
#68
m/p-Xylenes
Concen: 1.040 ug/l
RT: 12.71 min Scan# 1146
Delta R.T. 0.04 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion:106 Resp: 2873
Ion Ratio Lower Upper
106 100
91 336.1 152.0 228.0#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.55 min Scan# 1333

Delta R.T. 0.03 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)RE

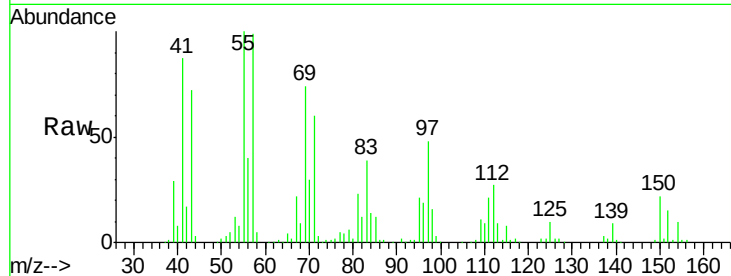
Tot Ion:152 Resp: 79630

Ion Ratio Lower Upper

152 100

115 52.6 28.6 85.9

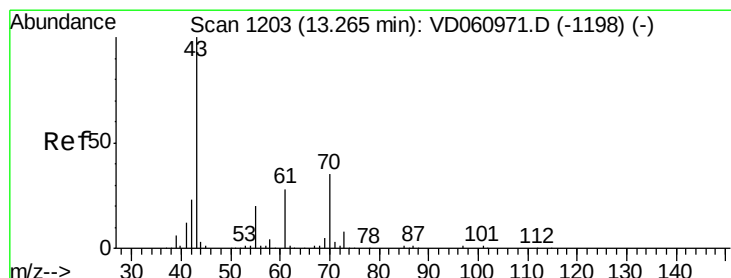
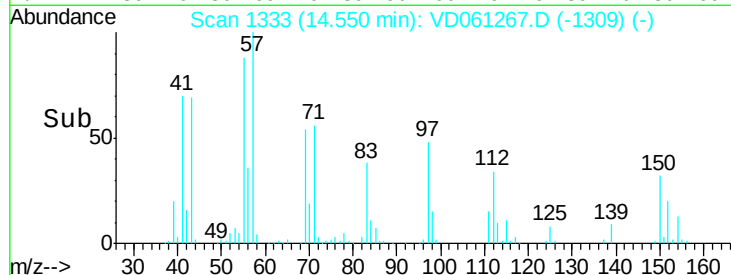
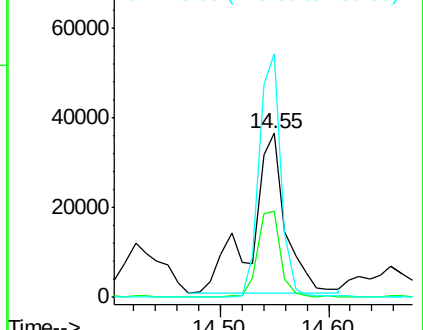
150 148.3 0.0 310.6



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



#74

N-aryl acetate

Concen: 524.803 ug/l

RT: 13.30 min Scan# 1206

Delta R.T. 0.03 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Tgt Ion: 43 Resp: 848032

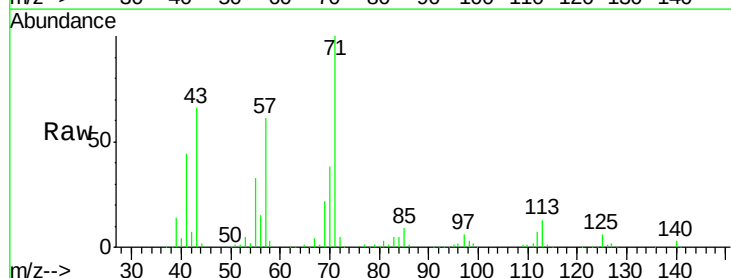
Ion Ratio Lower Upper

43 100

70 57.7 27.7 41.5#

55 49.7 16.2 24.2#

61 0.0 22.3 33.5#

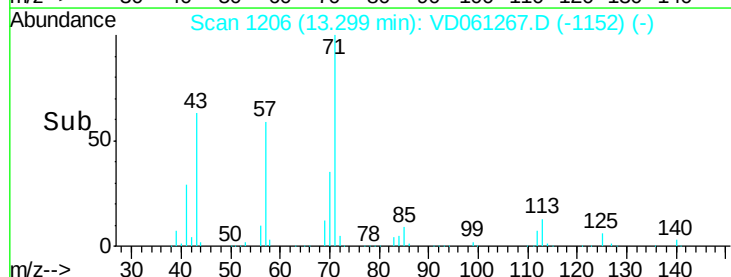
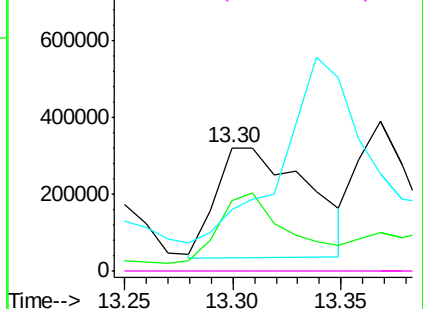


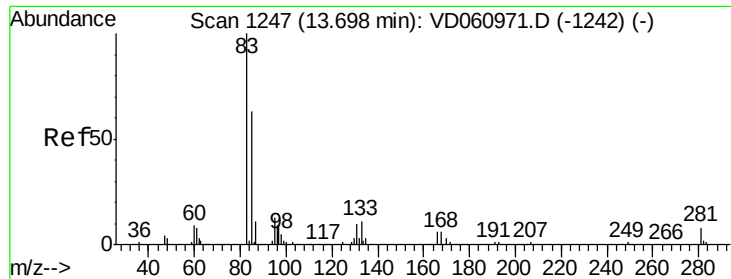
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 265.872 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.04 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)RE

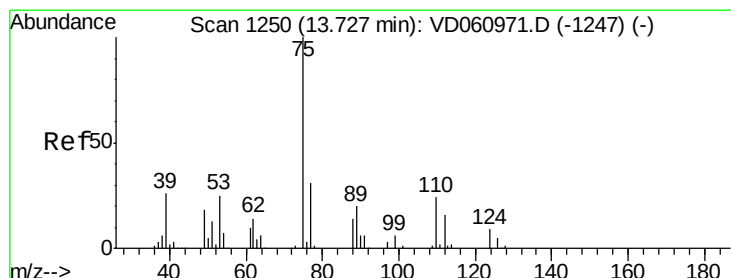
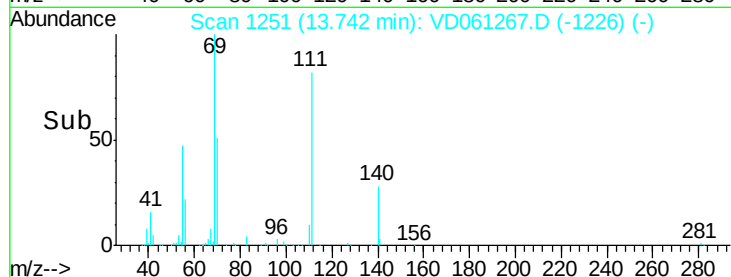
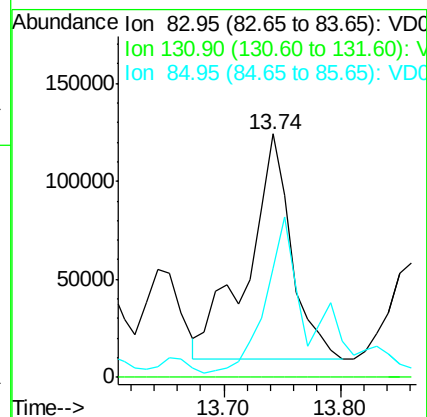
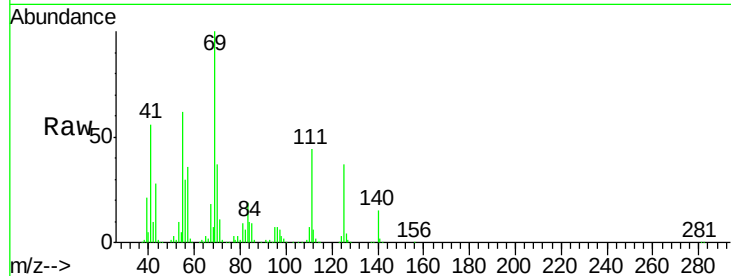
Tot Ion: 83 Resp: 297688

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 44.9 31.5 94.5



#76

1,2,3-Trichloropropane

Concen: 24.458 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. -0.14 min

Lab File: VD061267.D

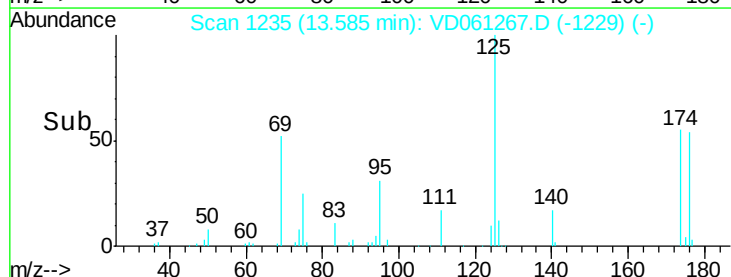
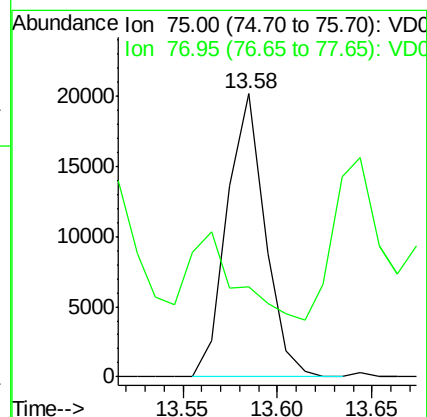
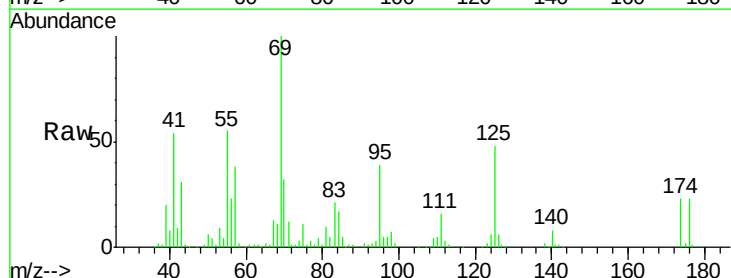
Acq: 22 Mar 2019 18:09

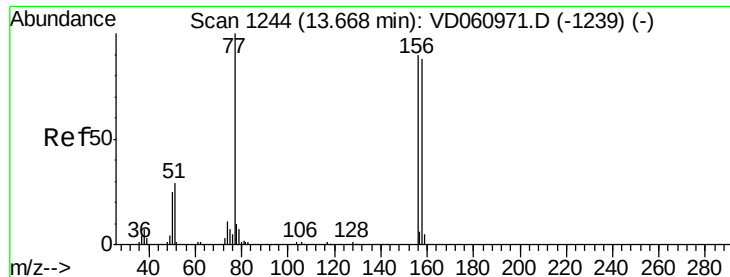
Tgt Ion: 75 Resp: 28020

Ion Ratio Lower Upper

75 100

77 31.7 16.6 49.7





#77

Bromobenzene

Concen: 1.773 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. 0.09 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)RE

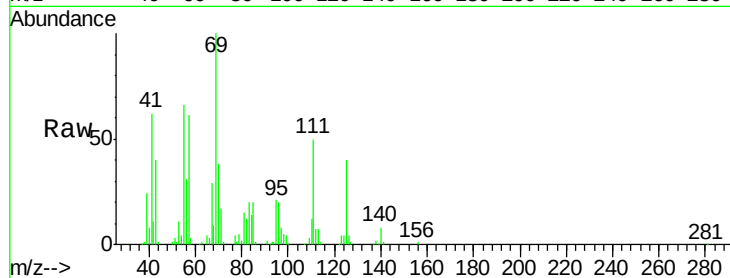
Tot Ion:156 Resp: 2598

Ion Ratio Lower Upper

156 100

77 574.3 55.5 166.7#

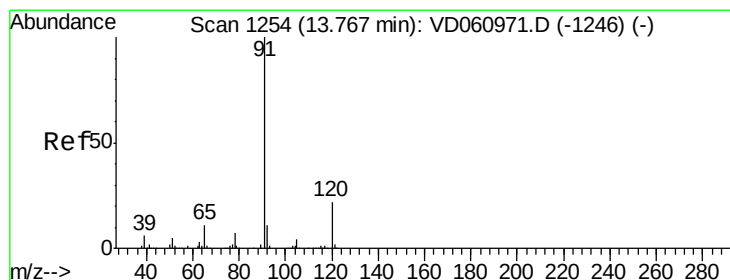
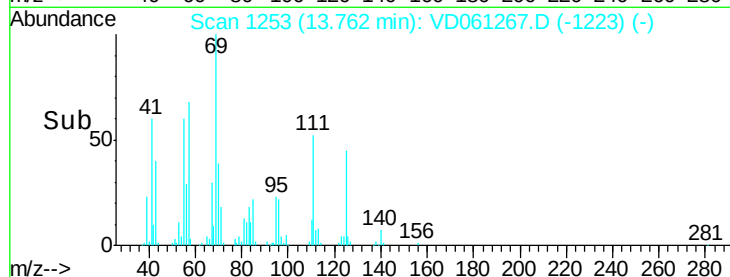
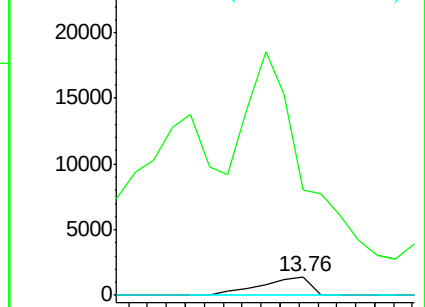
158 0.0 49.0 147.0#



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: 1.326 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VD061267.D

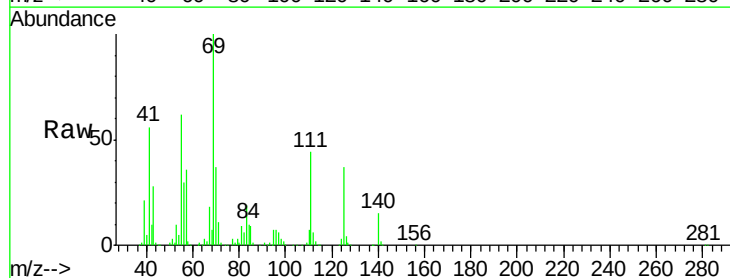
Acq: 22 Mar 2019 18:09

Tgt Ion: 91 Resp: 8907

Ion Ratio Lower Upper

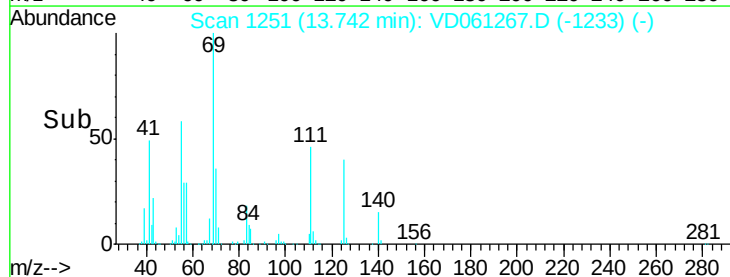
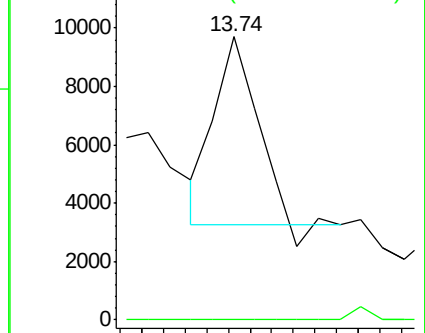
91 100

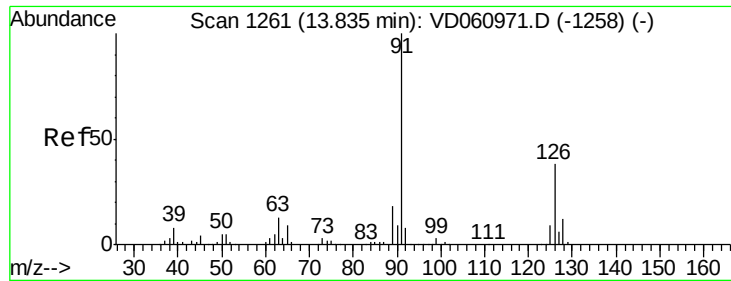
120 0.0 10.8 32.3#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 2.688 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. 0.08 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

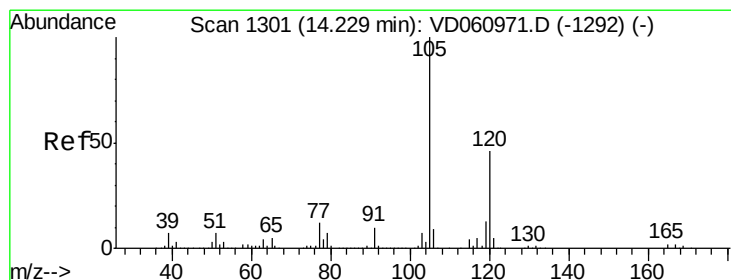
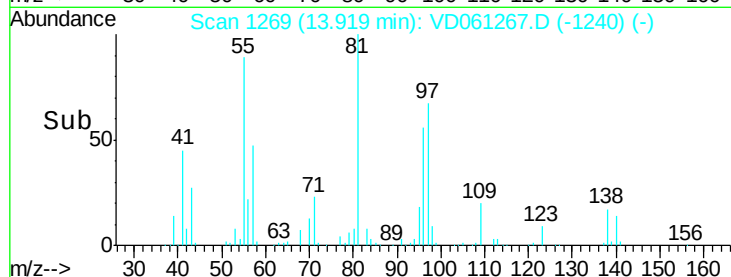
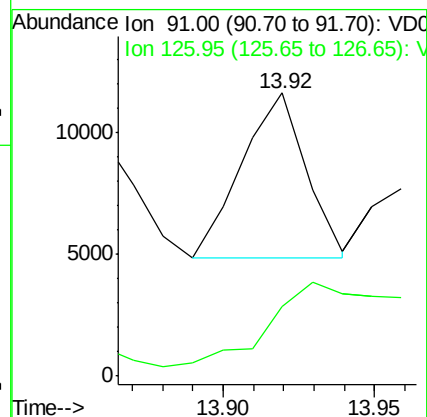
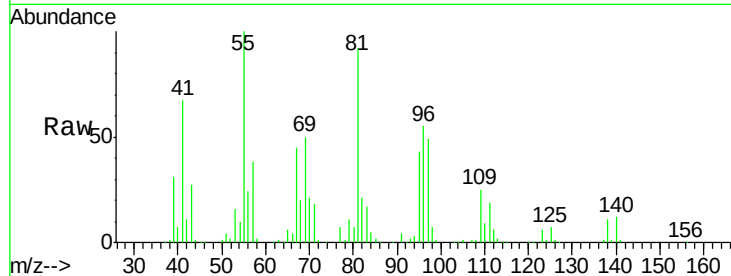
SB-19B(7-8)RE

Tot Ion: 91 Resp: 9944

Ion Ratio Lower Upper

91 100

126 24.7 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 3.071 ug/l

RT: 14.26 min Scan# 1304

Delta R.T. 0.03 min

Lab File: VD061267.D

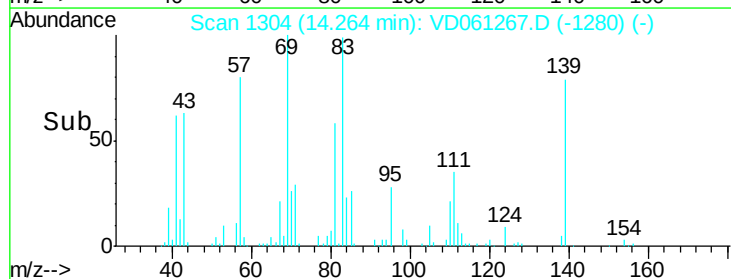
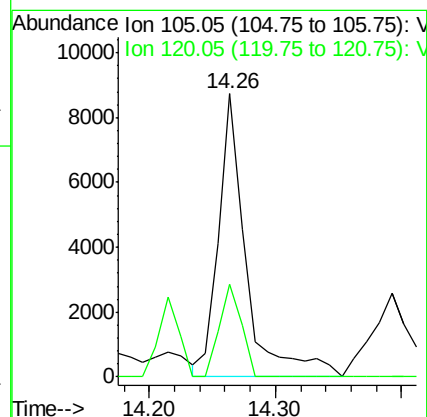
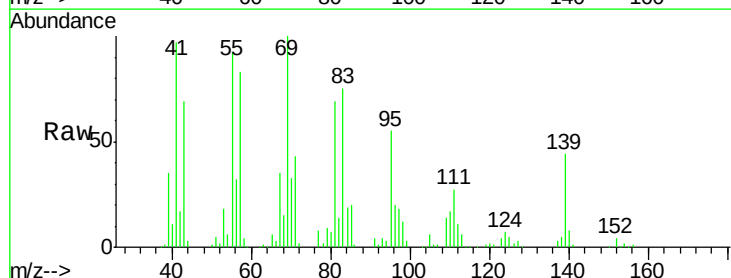
Acq: 22 Mar 2019 18:09

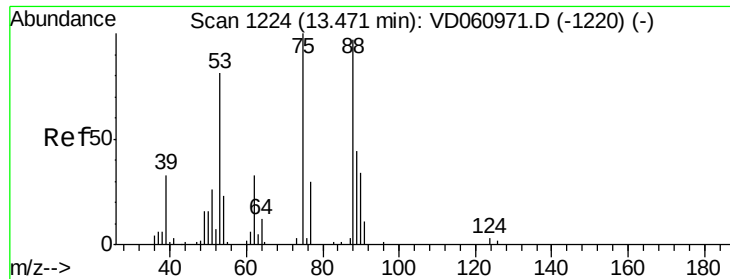
Tgt Ion: 105 Resp: 13379

Ion Ratio Lower Upper

105 100

120 32.9 22.9 68.5

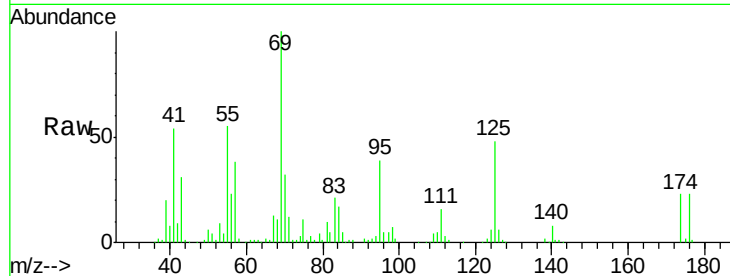




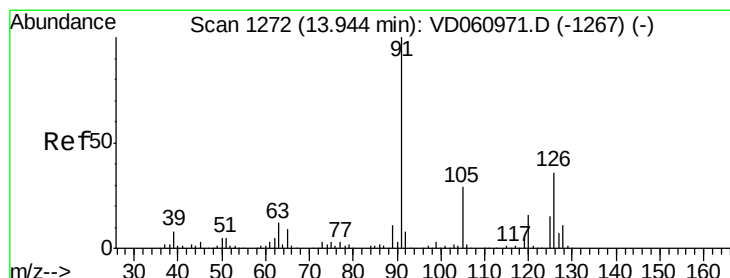
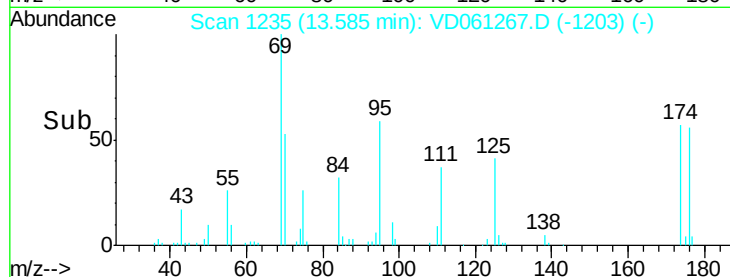
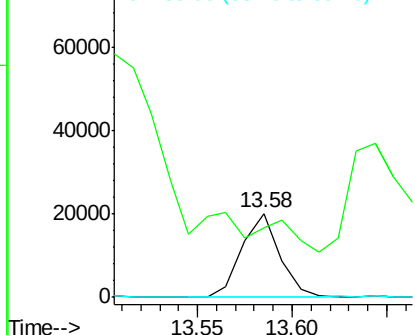
#81
trans-1,4-Dichloro-2-butene
Concen: 82.978 ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.11 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

Tot Ion: 75 Resp: 28026
Ion Ratio Lower Upper
75 100
53 82.5 64.4 96.6
89 0.0 34.8 52.2#

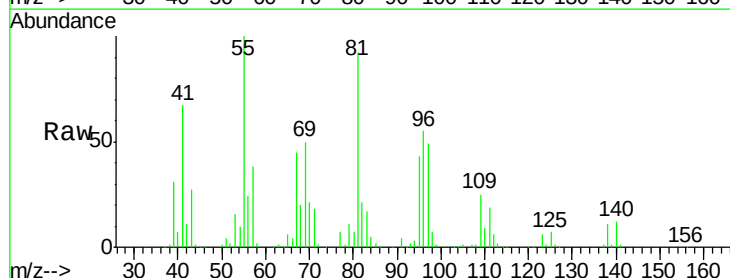


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

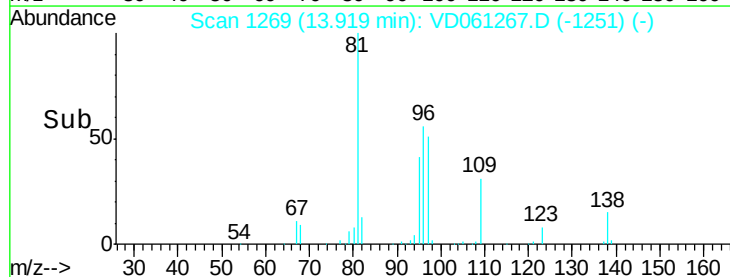
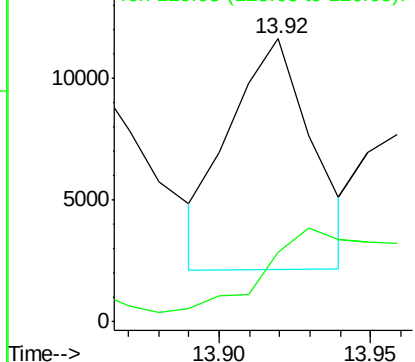


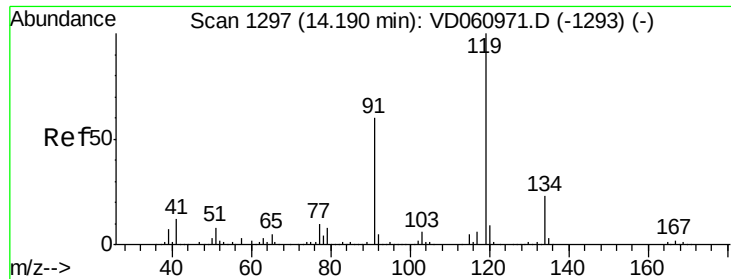
#82
4-Chlorotoluene
Concen: 4.099 ug/l
RT: 13.92 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 91 Resp: 17923
Ion Ratio Lower Upper
91 100
126 24.7 18.0 54.0



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

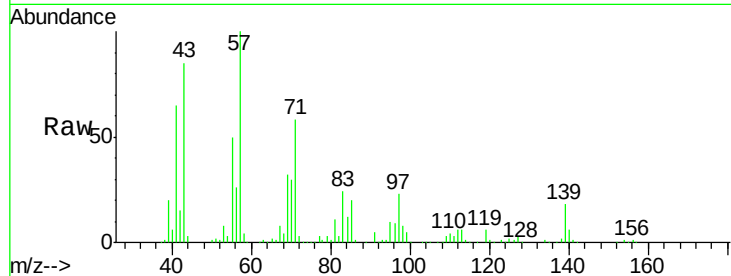




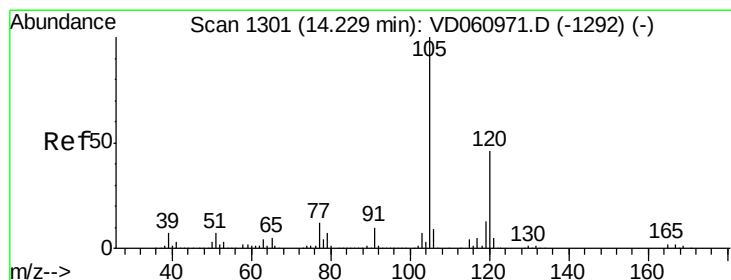
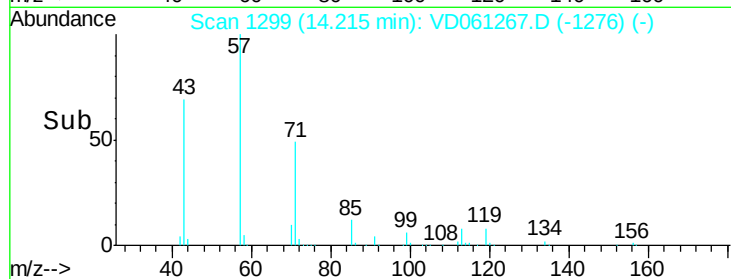
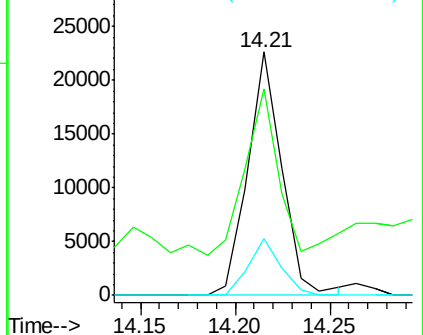
#83
 tert-Butylbenzene
 Concen: 5.948 ug/l
 RT: 14.21 min Scan# 1299
 Delta R.T. 0.02 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)RE

Tot Ion:119 Resp: 28358
 Ion Ratio Lower Upper
 119 100
 91 84.7 30.1 90.3
 134 23.4 11.6 34.7

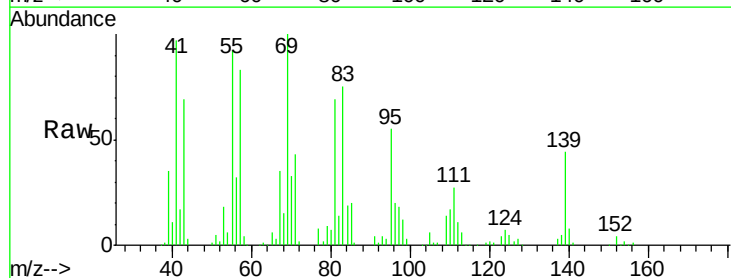


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

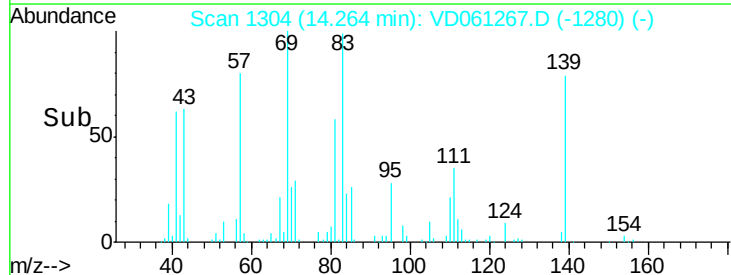
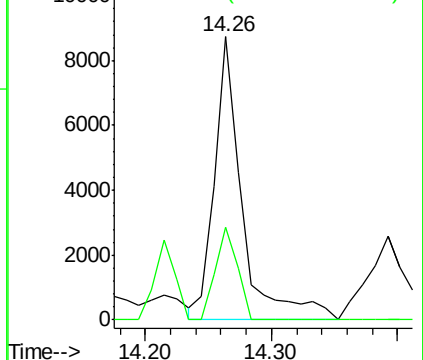


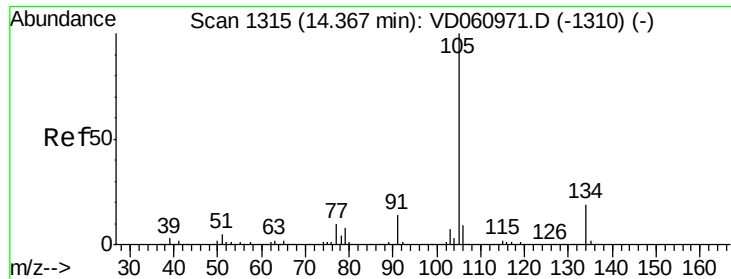
#84
 1,2,4-Trimethylbenzene
 Concen: 3.071 ug/l
 RT: 14.26 min Scan# 1304
 Delta R.T. 0.03 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

Tgt Ion:105 Resp: 13379
 Ion Ratio Lower Upper
 105 100
 120 32.9 22.9 68.5



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





#85

sec-Butylbenzene

Concen: 1.334 ug/l

RT: 14.39 min Scan# 1317

Delta R.T. 0.02 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

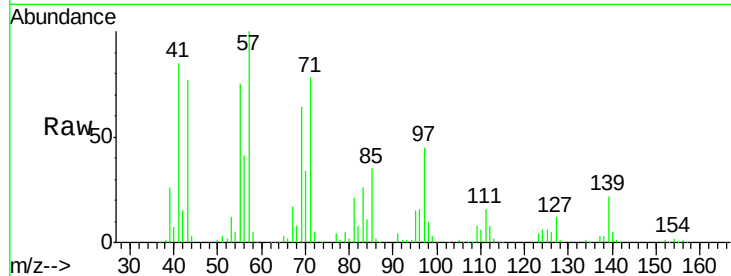
SB-19B(7-8)RE

Tot Ion:105 Resp: 7763

Ion Ratio Lower Upper

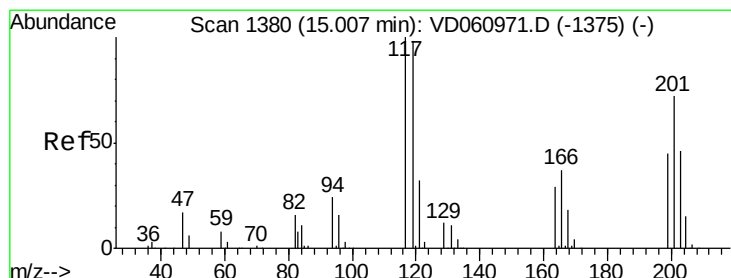
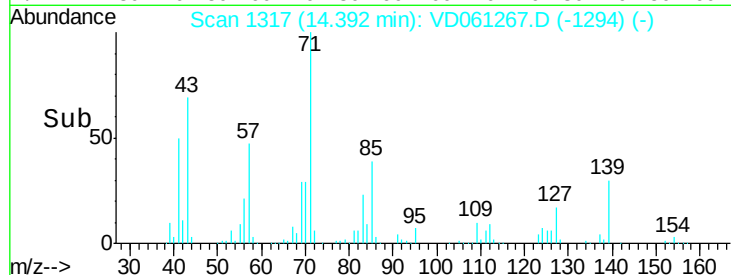
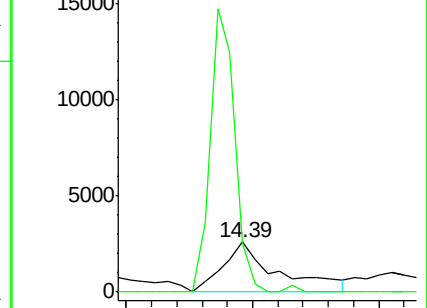
105 100

134 97.2 9.4 28.2#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 15.020 ug/l

RT: 15.08 min Scan# 1387

Delta R.T. 0.07 min

Lab File: VD061267.D

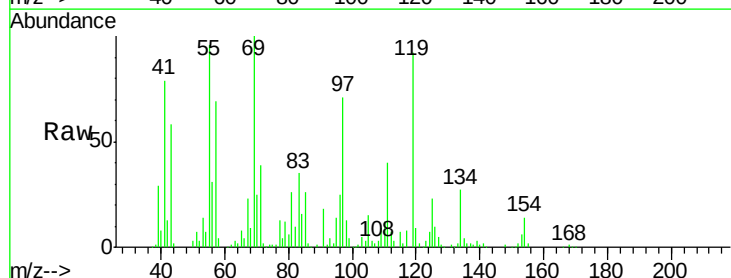
Acq: 22 Mar 2019 18:09

Tgt Ion:117 Resp: 20179

Ion Ratio Lower Upper

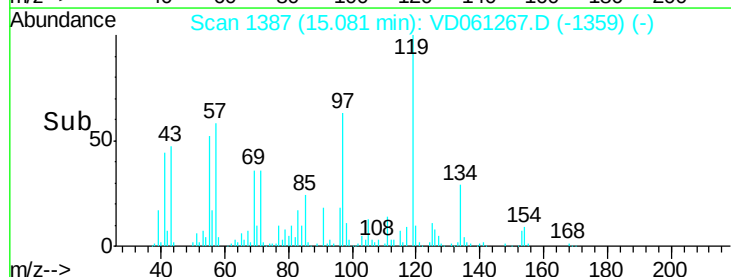
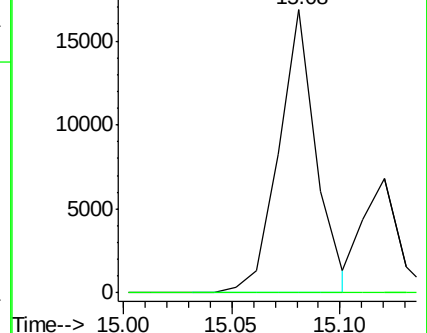
117 100

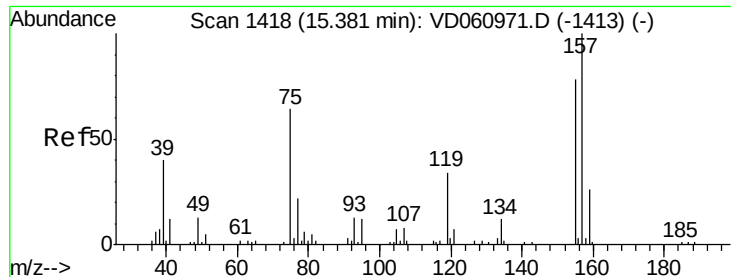
201 0.0 36.2 108.6#



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: 12.311 ug/l

RT: 15.37 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)RE

Tot Ion: 75 Resp: 1661

Ion Ratio Lower Upper

75 100

155 141.3 61.2 183.5

157 0.0 78.3 234.8#

