

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031519\
 Data File : VD061096.D
 Acq On : 15 Mar 2019 19:37
 Operator : VA/AP
 Sample : K1926-01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-MUCK

Quant Time: Mar 16 05:44:42 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

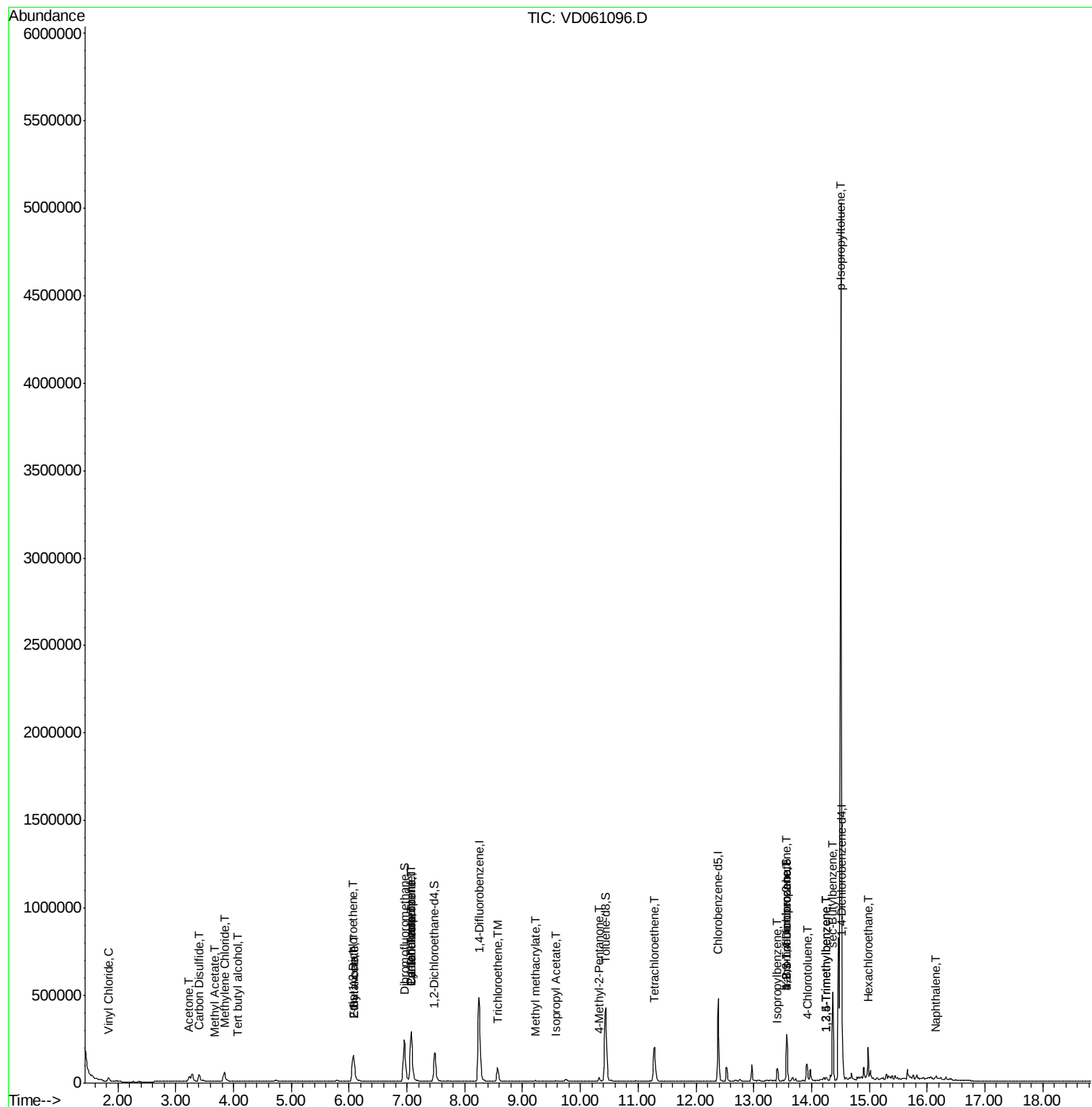
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	305814	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	591638	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	304332	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	59210	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	157650	61.93	ug/l	0.03
Spiked Amount	50.000		Recovery	=	123.86%	
35) Dibromofluoromethane	6.95	113	231384	52.70	ug/l	0.03
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.44	98	403420	36.59	ug/l	0.04
Spiked Amount	50.000		Recovery	=	73.18%	
62) 4-Bromofluorobenzene	13.57	95	83232	19.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	38.90%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.85	62	4162	1.785	ug/l	92
5) Bromomethane	2.17	94	231	Below Cal	#	8
11) Tert butyl alcohol	4.07	59	1977	12.200	ug/l #	75
16) Acetone	3.23	43	52701	72.399	ug/l	97
17) Carbon Disulfide	3.40	76	71627	6.917	ug/l	100
18) Methyl Acetate	3.67	43	1712	1.195	ug/l #	59
20) Methylene Chloride	3.84	84	36962	7.138	ug/l	95
25) 2-Butanone	6.10	43	20716	25.080	ug/l #	77
27) cis-1,2-Dichloroethene	6.07	96	113814	32.286	ug/l	83
31) Cyclohexane	7.07	56	5653	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	21685	4.252	ug/l #	46
37) Ethyl Acetate	6.10	43	20716	8.656	ug/l #	1
38) Carbon Tetrachloride	7.07	117	28739	5.116	ug/l #	16
43) Isopropyl Acetate	9.57	43	3735	1.127	ug/l #	43
44) Trichloroethene	8.57	130	35447	8.063	ug/l	89
48) Methyl methacrylate	9.22	41	2192	1.175	ug/l #	43
51) 4-Methyl-2-Pentanone	10.32	43	22779	11.218	ug/l	97
64) Tetrachloroethene	11.29	164	61719	30.043	ug/l	99
73) Isopropylbenzene	13.41	105	5583	1.308	ug/l	83
76) 1,2,3-Trichloropropane	13.57	75	29633	34.787	ug/l #	42
80) 1,3,5-Trimethylbenzene	14.25	105	8482	2.618	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.57	75	30457	121.275	ug/l #	17
82) 4-Chlorotoluene	13.92	91	10019	3.082	ug/l #	39
84) 1,2,4-Trimethylbenzene	14.25	105	8482	2.618	ug/l	91
85) sec-Butylbenzene	14.37	105	22033	5.091	ug/l #	74
86) p-Isopropyltoluene	14.50	119	2573242	727.375	ug/l	99
90) Hexachloroethane	14.98	117	1240	1.241	ug/l #	13
95) Naphthalene	16.14	128	4991	4.366	ug/l #	95

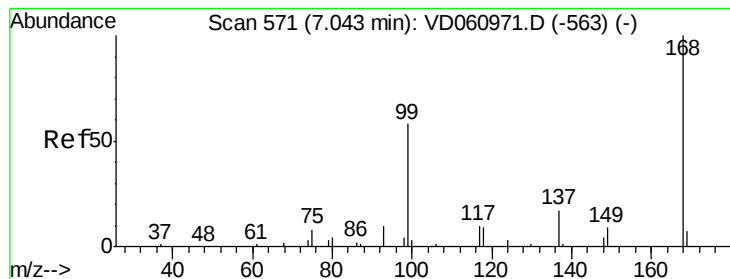
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

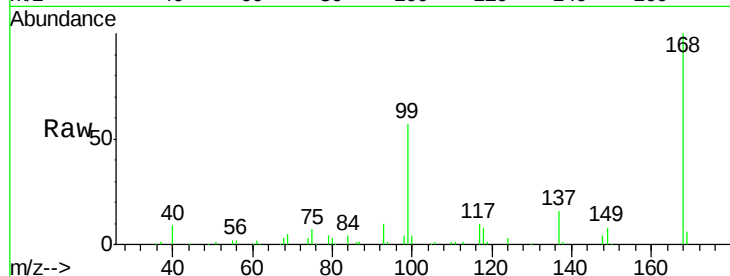
SUMP-MUCK

Tot Ion:168 Resp: 305814

Ion Ratio Lower Upper

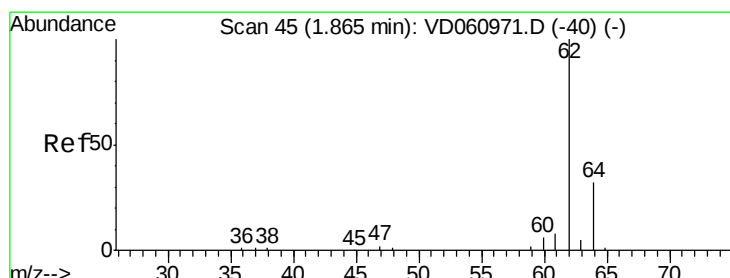
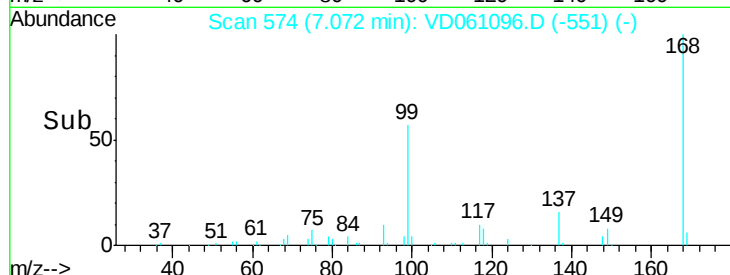
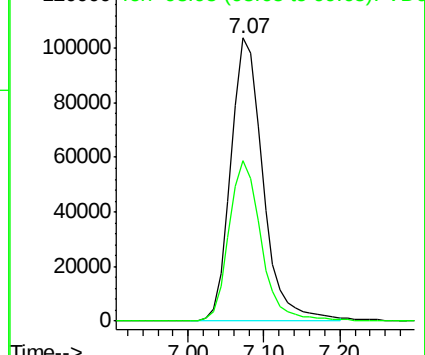
168 100

99 56.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#4

Vinyl Chloride

Concen: 1.785 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061096.D

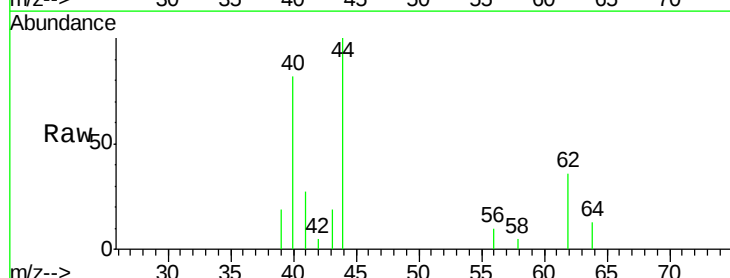
Acq: 15 Mar 2019 19:37

Tgt Ion: 62 Resp: 4162

Ion Ratio Lower Upper

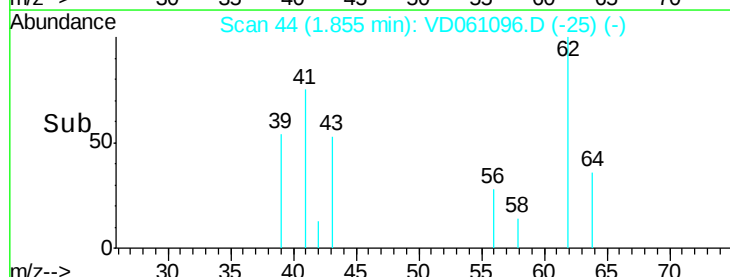
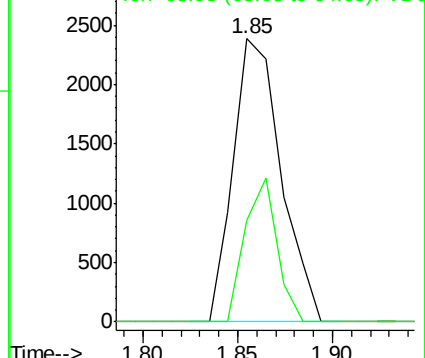
62 100

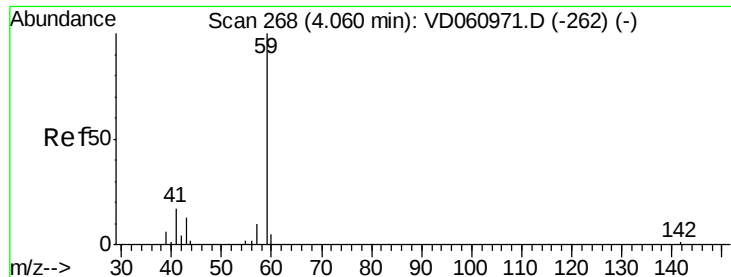
64 35.9 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC



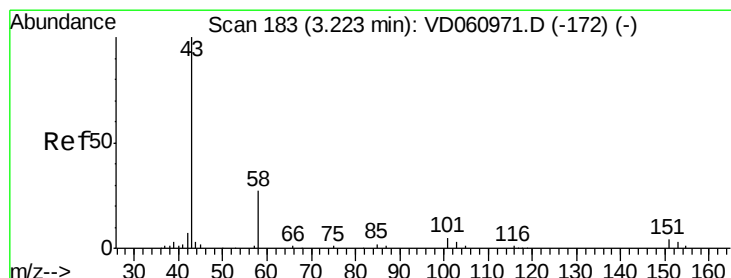
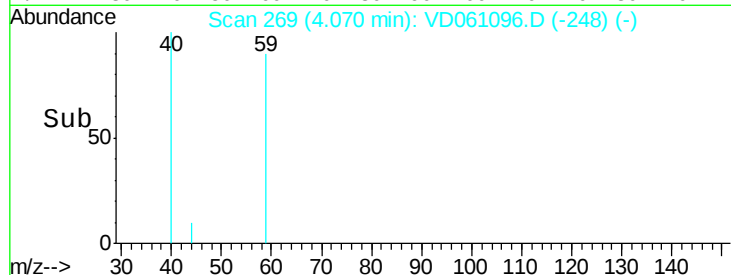
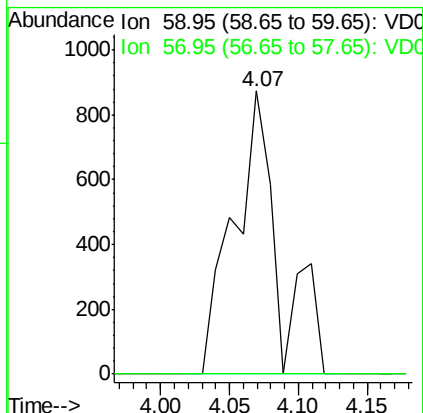
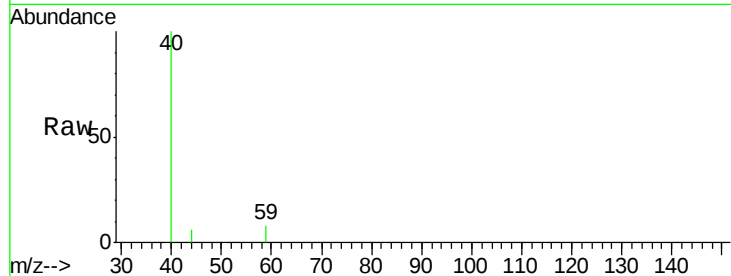


#11

Tert butyl alcohol
 Concen: 12.200 ug/l
 RT: 4.07 min Scan# 269
 Delta R.T. 0.01 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-MUCK

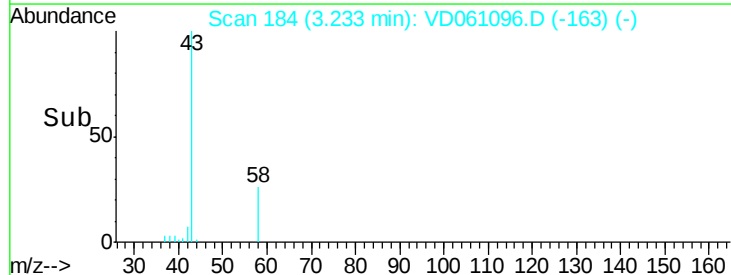
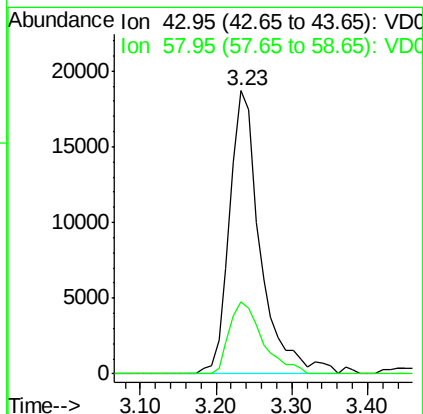
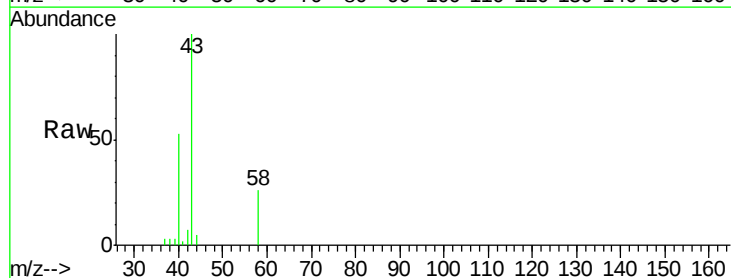
Tot Ion: 59 Resp: 1977
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

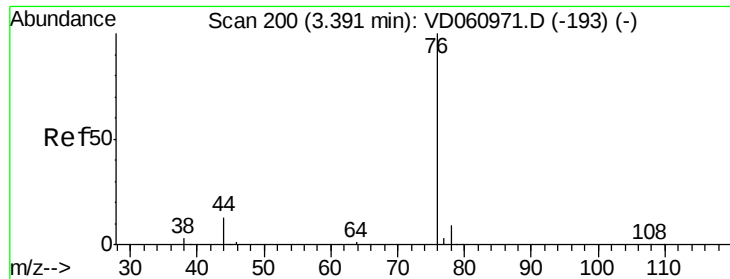


#16

Acetone
 Concen: 72.399 ug/l
 RT: 3.23 min Scan# 184
 Delta R.T. 0.01 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

Tgt Ion: 43 Resp: 52701
 Ion Ratio Lower Upper
 43 100
 58 25.6 21.6 32.4

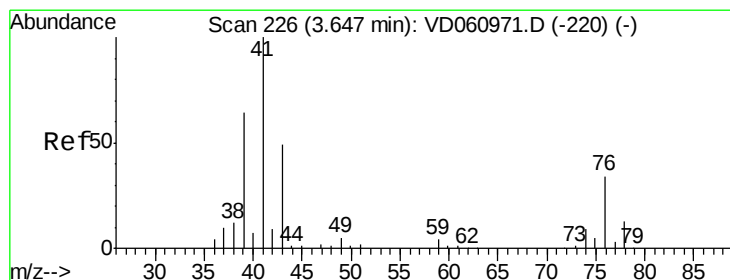
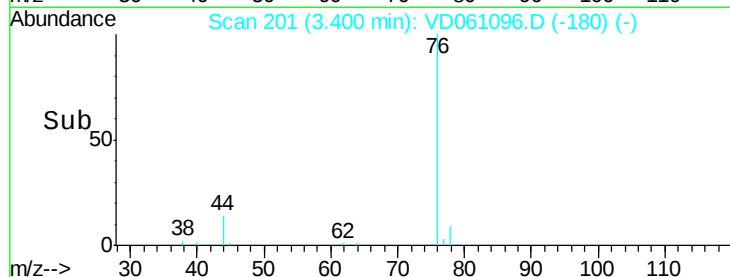
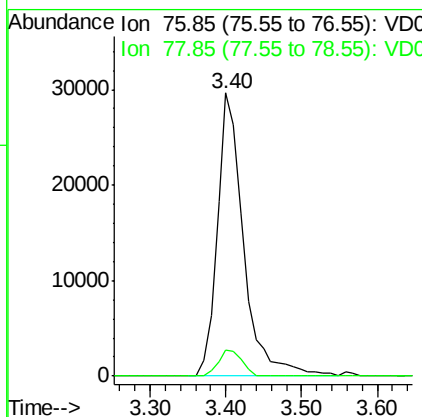
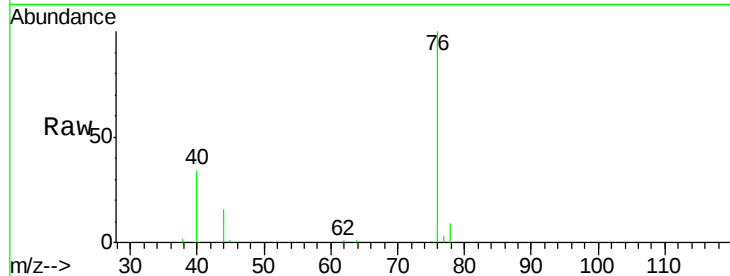




#17
Carbon Disulfide
Concen: 6.917 ug/l
RT: 3.40 min Scan# 201
Delta R.T. 0.01 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

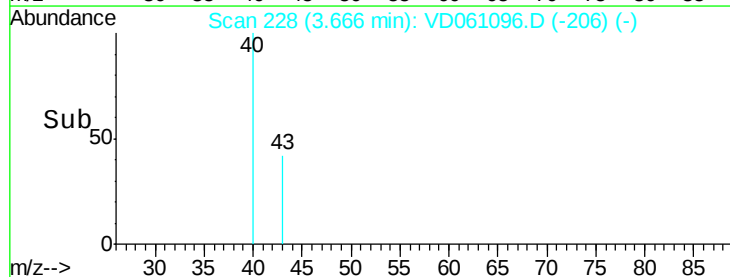
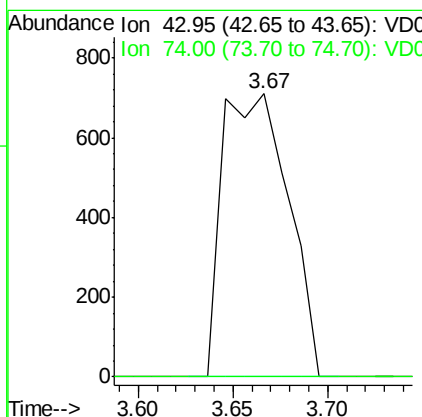
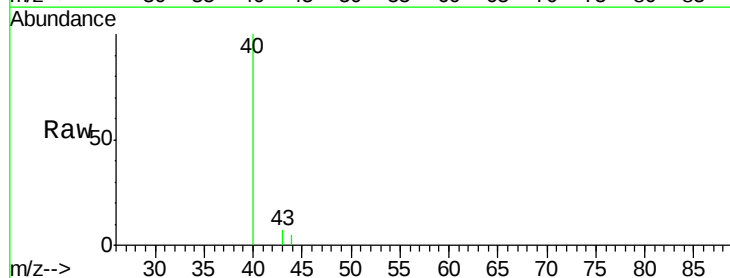
Instrument :
MSVOA_D
ClientSampleId :
SUMP-MUCK

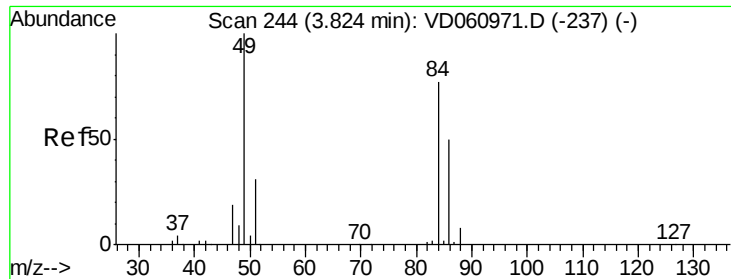
Tot Ion: 76 Resp: 71627
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 1.195 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#

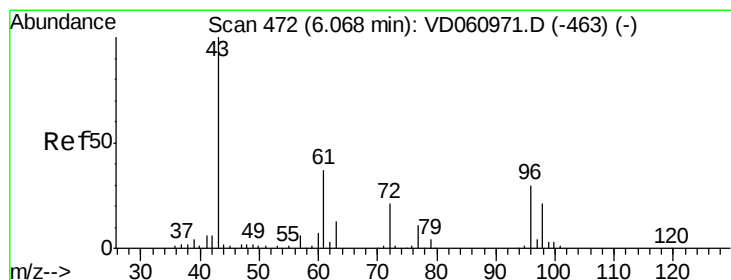
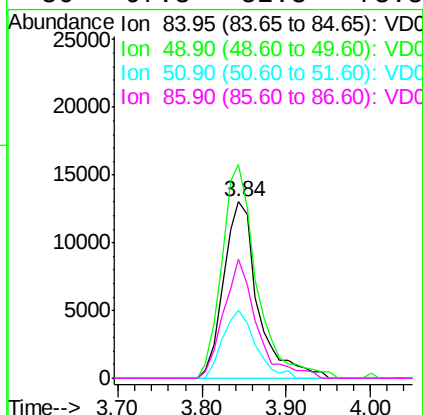
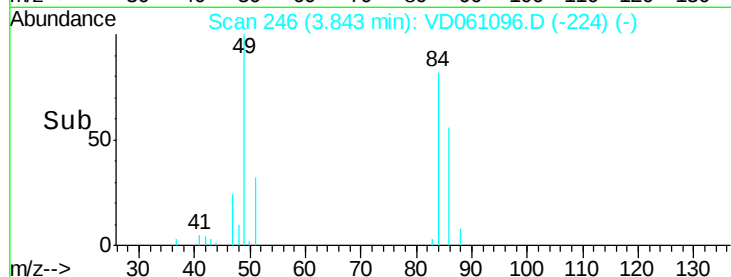
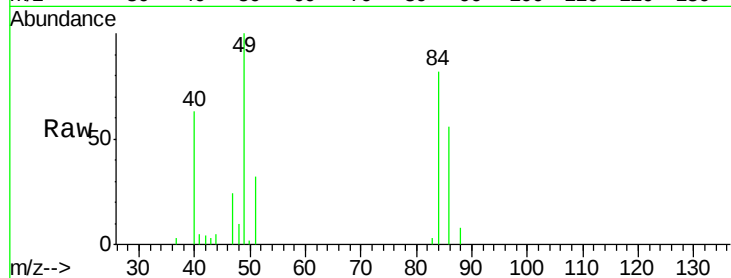




#20
Methvlene Chloride
Concen: 7.138 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

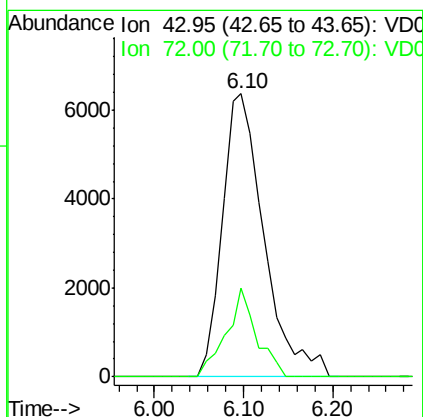
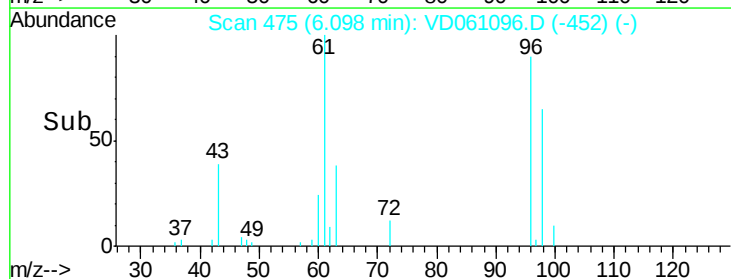
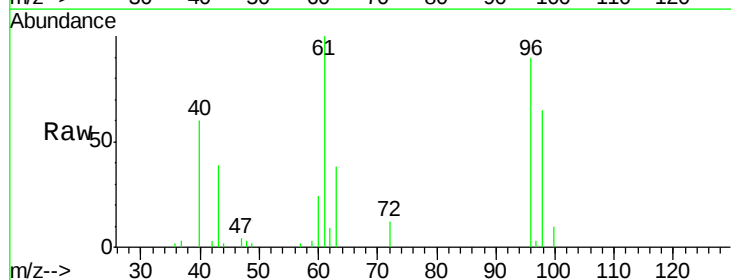
Instrument :
MSVOA_D
ClientSampleId :
SUMP-MUCK

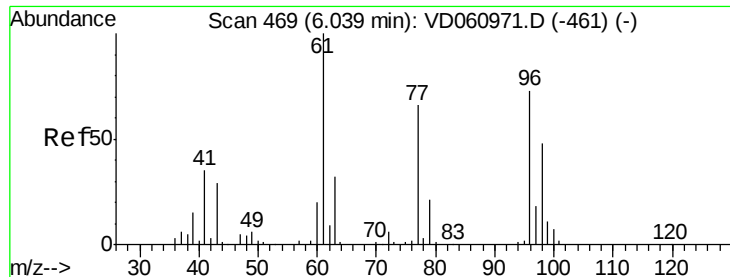
Tot Ion:	84	Resp:	36962
Ion	Ratio	Lower	Upper
84	100		
49	121.3	104.2	156.2
51	38.8	32.3	48.5
86	67.8	52.3	78.5



#25
2-Butanone
Concen: 25.080 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.03 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

Tgt Ion:	43	Resp:	20716
Ion	Ratio	Lower	Upper
43	100		
72	31.5	16.7	25.1#



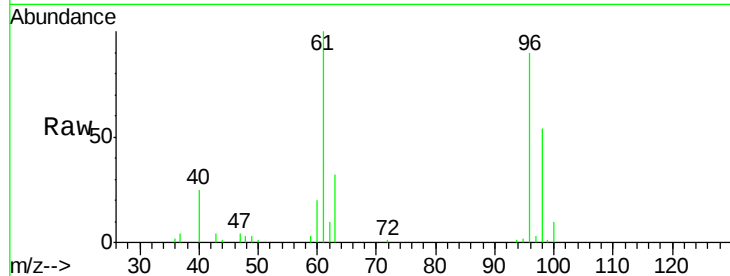


#27

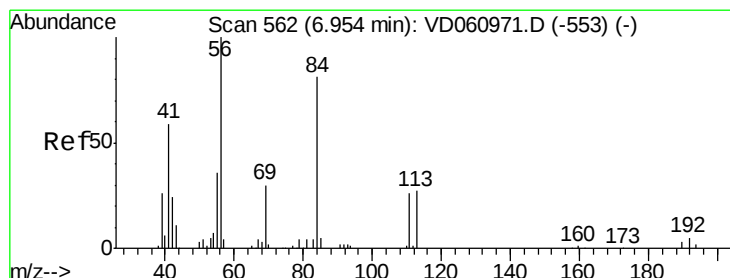
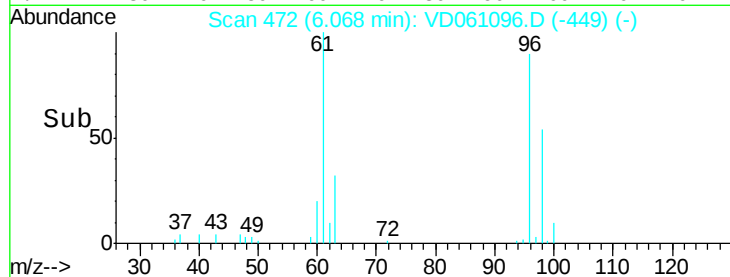
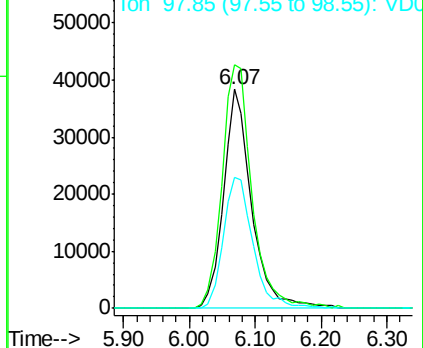
cis-1,2-Dichloroethene
 Concen: 32.286 ug/l
 RT: 6.07 min Scan# 472
 Delta R.T. 0.03 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

Instrument :
 MSVOA_D
 ClientSampleId :
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Tot Ion	96	Resp	113814
Ion	Ratio	Lower	Upper
96	100		
61	111.2	0.0	273.6
98	59.8	0.0	132.6



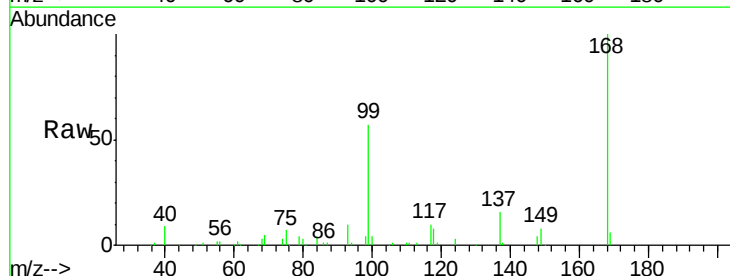
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



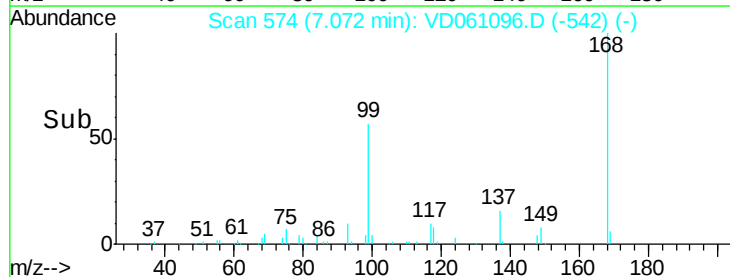
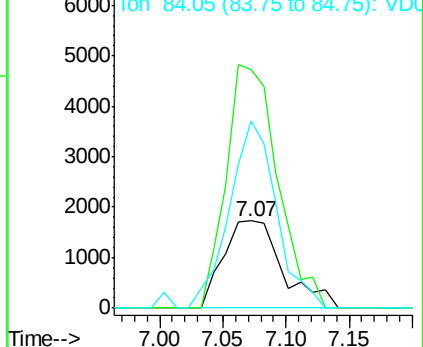
#31

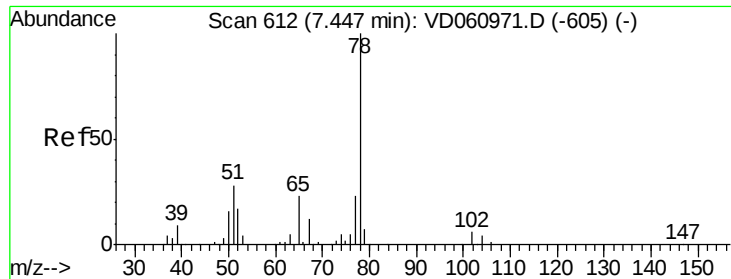
Cyclohexane
 Concen: 1.255 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. 0.12 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

Tgt Ion	56	Resp	5653
Ion	Ratio	Lower	Upper
56	100		
69	274.7	24.0	36.0#
84	215.4	65.8	98.6#



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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

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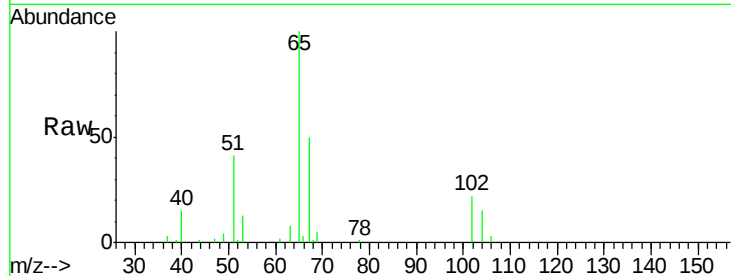
SUMP-MUCK

Tot Ion: 65 Resp: 157650

Ion Ratio Lower Upper

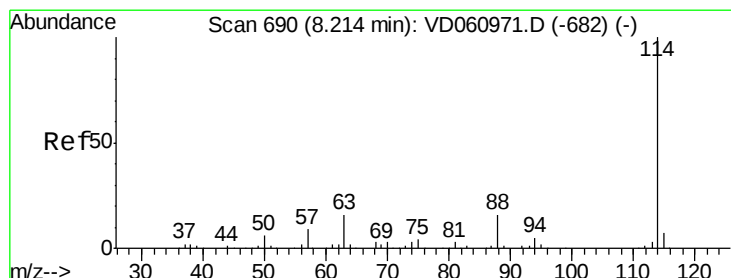
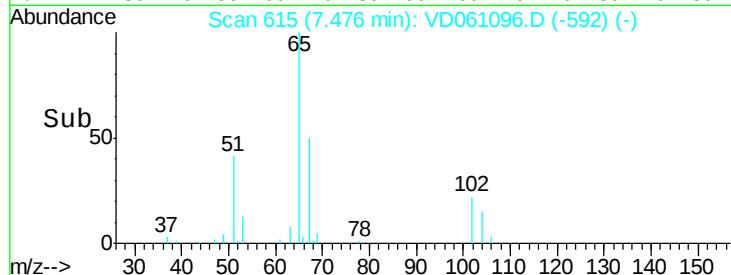
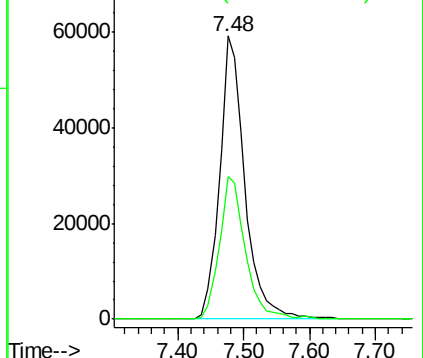
65 100

67 50.3 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

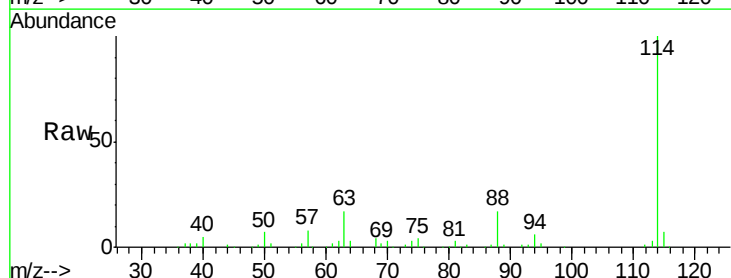
Tgt Ion: 114 Resp: 591638

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.4

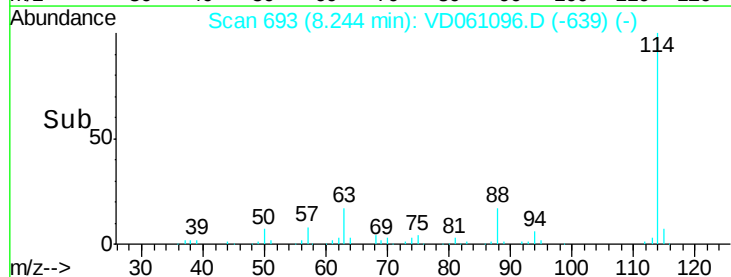
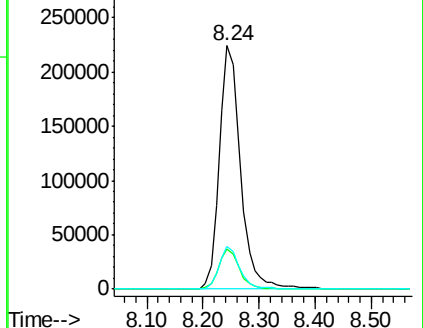
88 17.3 0.0 33.0

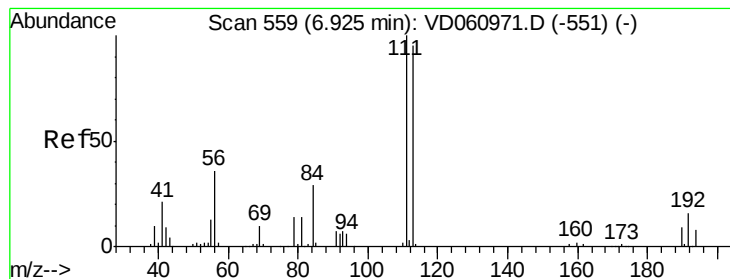


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

SUMP-MUCK

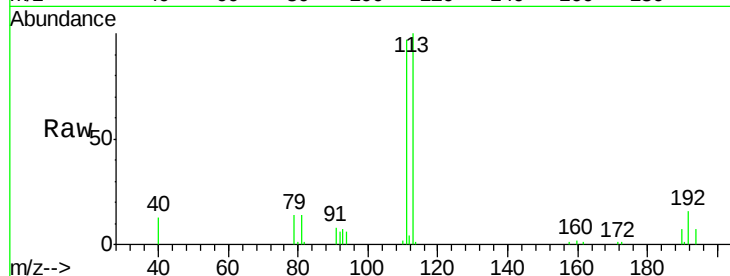
Tot Ion:113 Resp: 231384

Ion Ratio Lower Upper

113 100

111 97.4 84.2 126.4

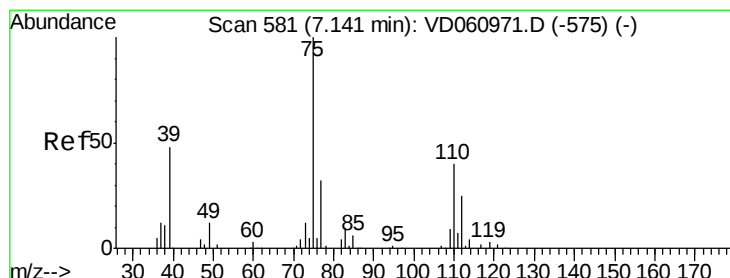
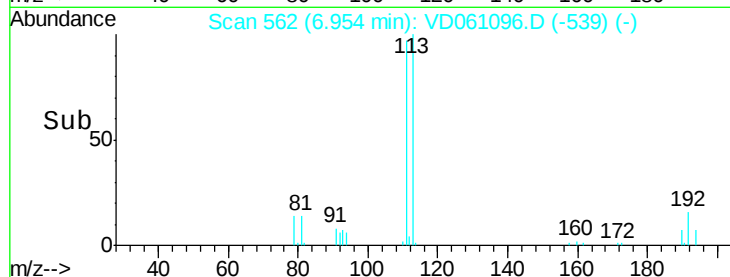
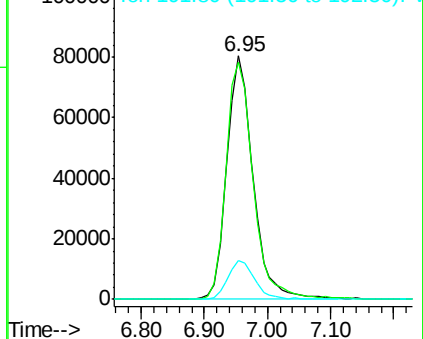
192 15.8 13.1 19.7



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: 4.252 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

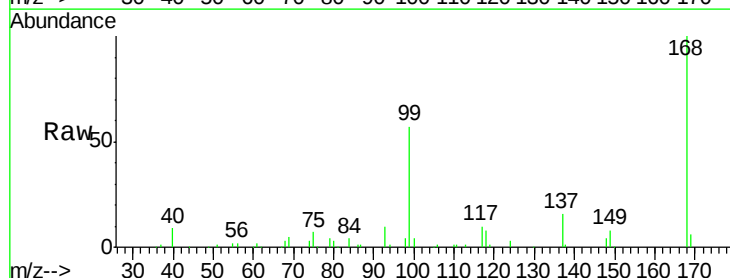
Tgt Ion: 75 Resp: 21685

Ion Ratio Lower Upper

75 100

110 7.2 19.7 59.1#

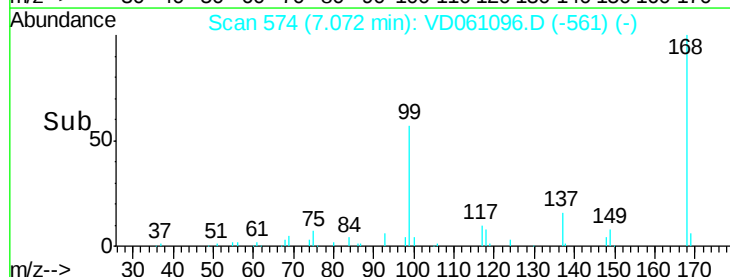
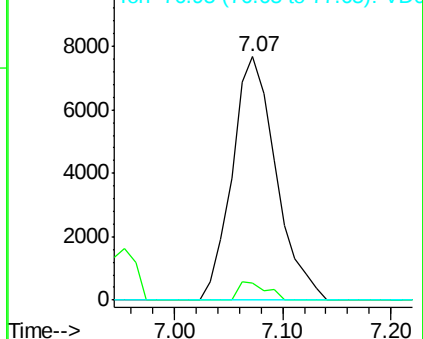
77 0.0 24.7 37.1#

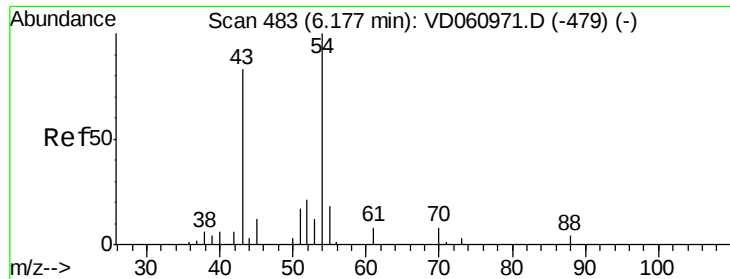


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 8.656 ug/l

RT: 6.10 min Scan# 475

Delta R.T. -0.08 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampled :

SUMP-MUCK

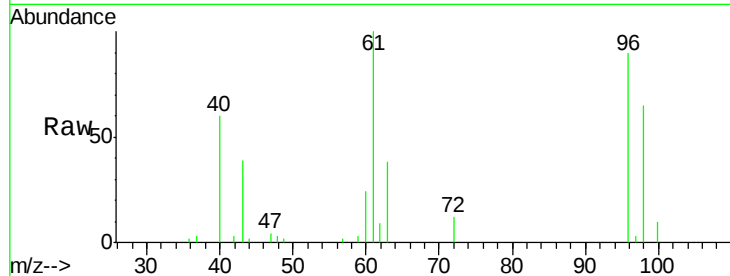
Tot Ion: 43 Resp: 20716

Ion Ratio Lower Upper

43 100

61 258.5 13.7 20.5#

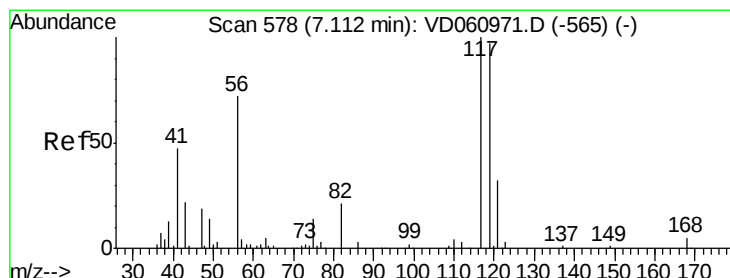
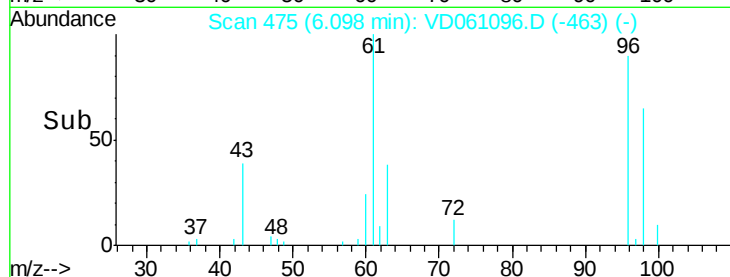
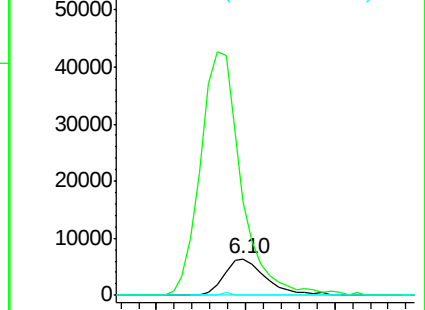
70 0.0 7.1 10.7#



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: 5.116 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

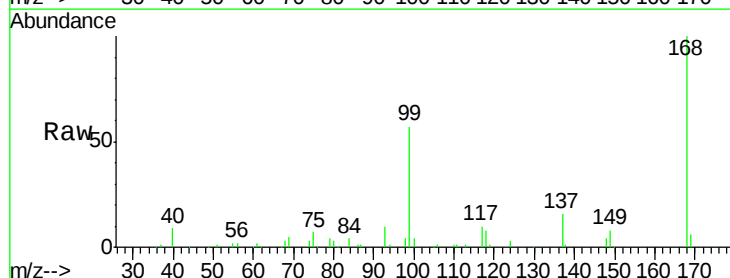
Tgt Ion: 117 Resp: 28739

Ion Ratio Lower Upper

117 100

119 6.4 77.8 116.8#

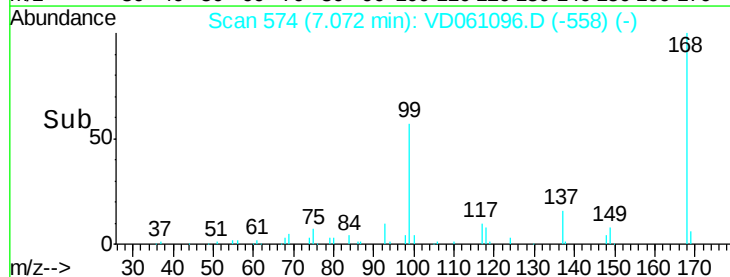
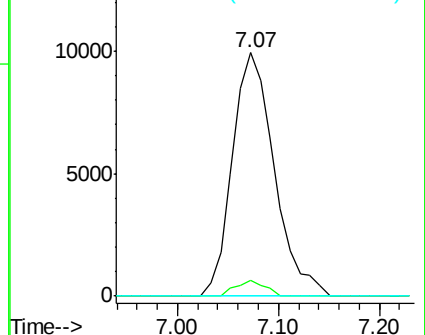
121 0.0 25.3 37.9#

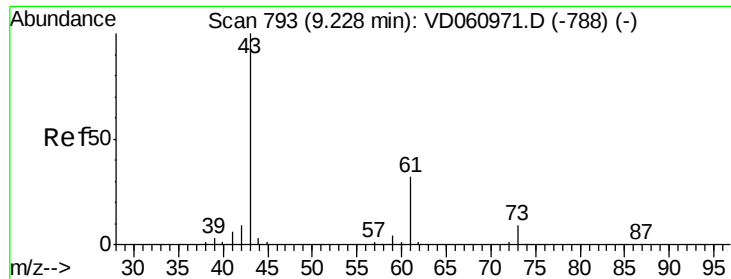


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#43

Isopropyl Acetate

Concen: 1.127 ug/l

RT: 9.57 min Scan# 828

Delta R.T. 0.34 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

SUMP-MUCK

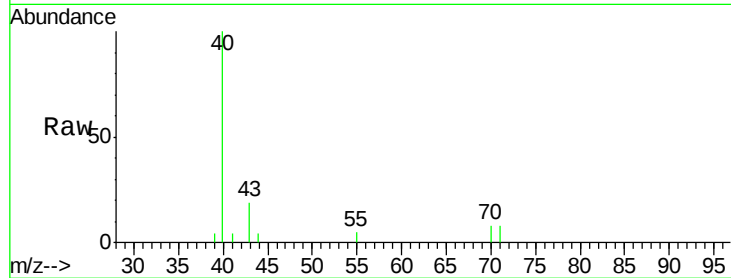
Tot Ion: 43 Resp: 3735

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

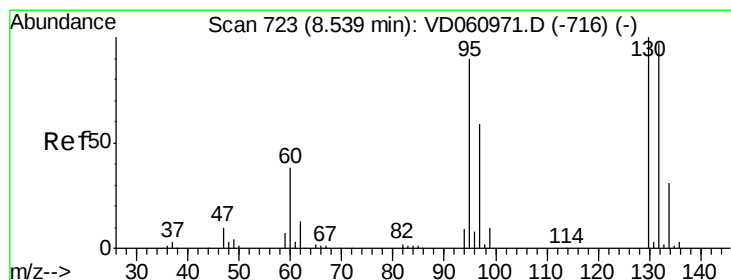
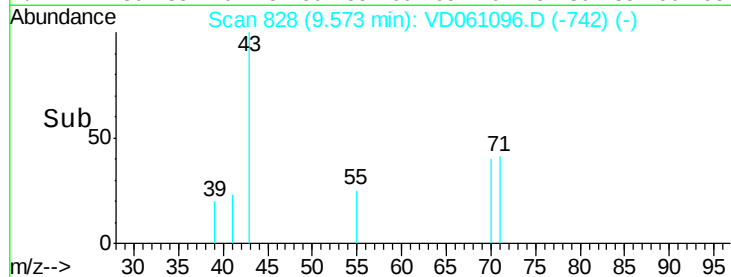
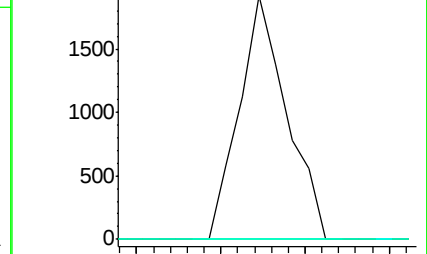
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VD061096.D (-742) (-)

Ion 60.95 (60.65 to 61.65): VD061096.D (-742) (-)

Ion 87.00 (86.70 to 87.70): VD061096.D (-742) (-)



#44

Trichloroethene

Concen: 8.063 ug/l

RT: 8.57 min Scan# 726

Delta R.T. 0.03 min

Lab File: VD061096.D

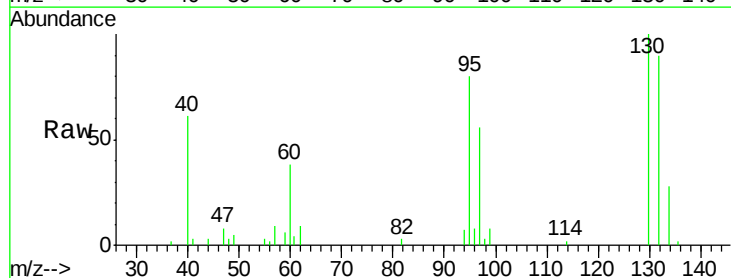
Acq: 15 Mar 2019 19:37

Tgt Ion: 130 Resp: 35447

Ion Ratio Lower Upper

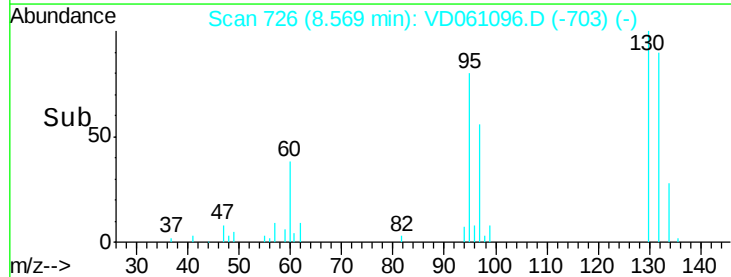
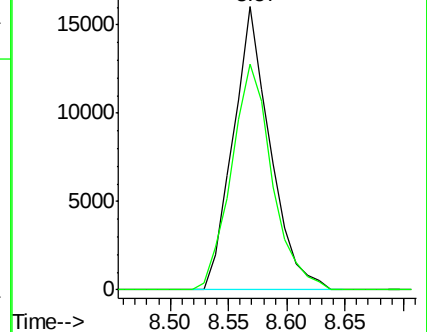
130 100

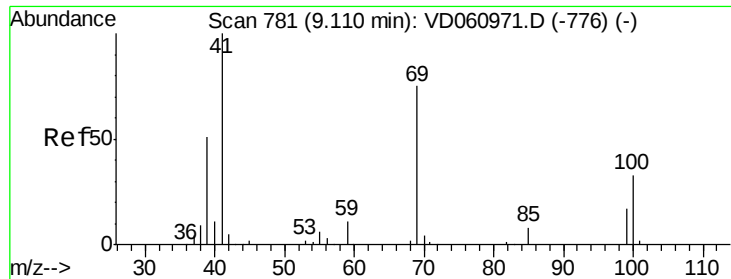
95 79.8 0.0 179.4



Abundance Ion 129.80 (129.50 to 130.50): VD061096.D (-703) (-)

Ion 94.90 (94.60 to 95.60): VD061096.D (-703) (-)





#48

Methyl methacrylate

Concen: 1.175 ug/l

RT: 9.22 min Scan# 792

Delta R.T. 0.11 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

SUMP-MUCK

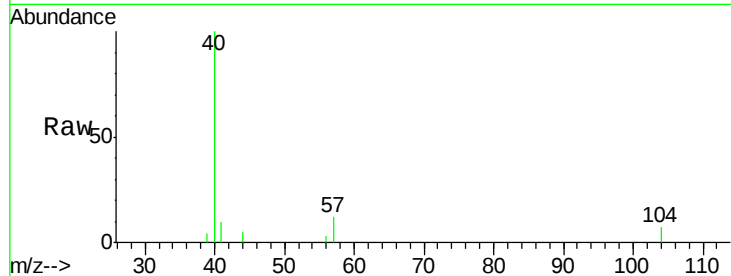
Tot Ion: 41 Resp: 2192

Ion Ratio Lower Upper

41 100

69 0.0 59.9 89.9#

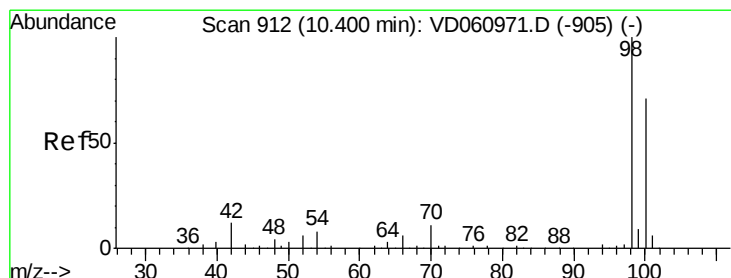
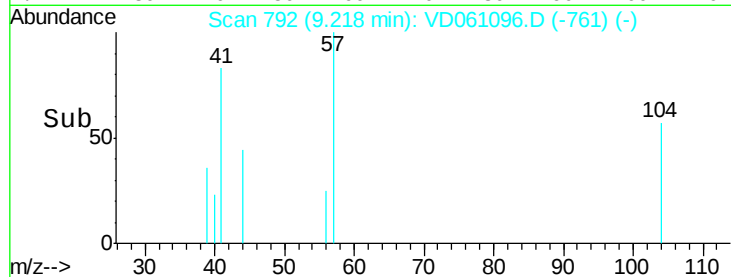
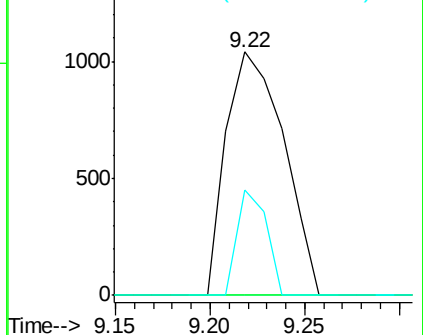
39 43.3 40.9 61.3



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.04 min

Lab File: VD061096.D

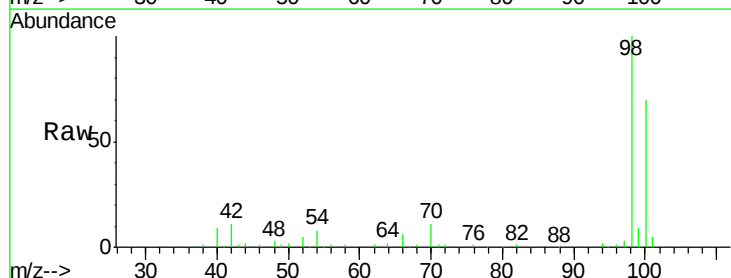
Acq: 15 Mar 2019 19:37

Tgt Ion: 98 Resp: 403420

Ion Ratio Lower Upper

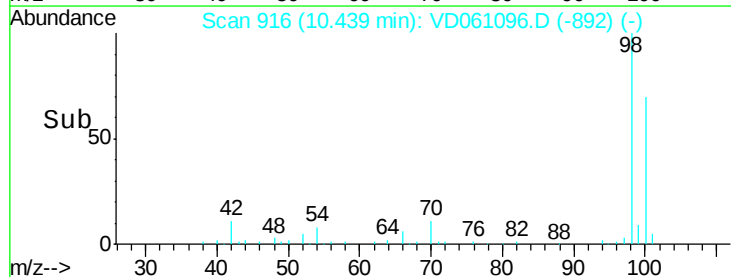
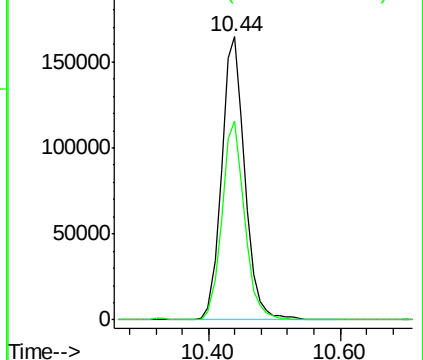
98 100

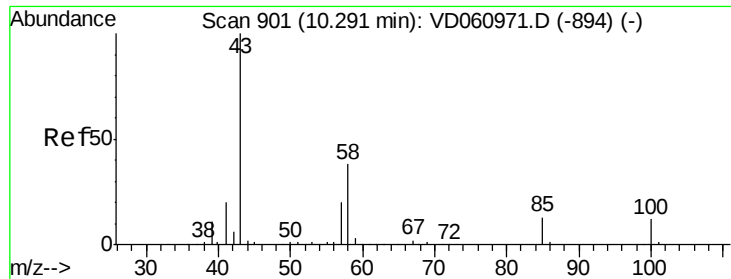
100 70.3 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 11.218 ug/l

RT: 10.32 min Scan# 904

Delta R.T. 0.03 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleID :

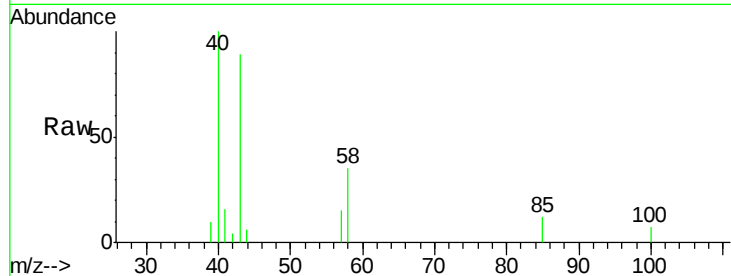
SUMP-MUCK

Tot Ion: 43 Resp: 22779

Ion Ratio Lower Upper

43 100

58 39.2 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.32

10.40

10.30

10.35

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

10.32

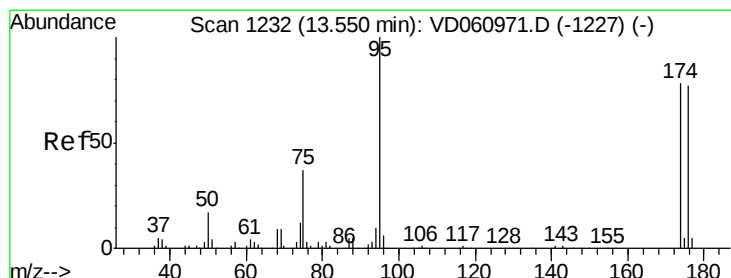
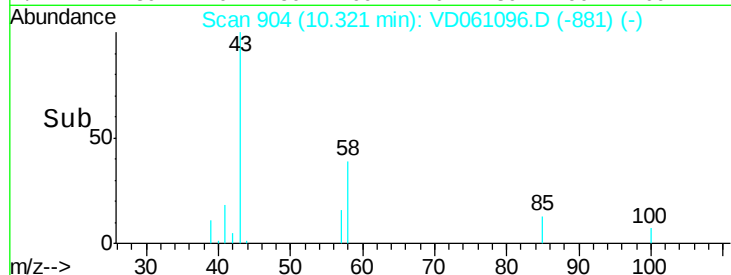
10.32

10.32

10.32

10.32

10.32



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

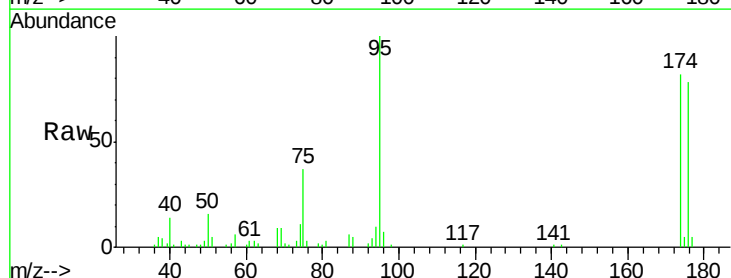
Tgt Ion: 95 Resp: 83232

Ion Ratio Lower Upper

95 100

174 81.7 0.0 155.6

176 78.2 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

13.57

13.60

13.55

13.57

13.57

13.57

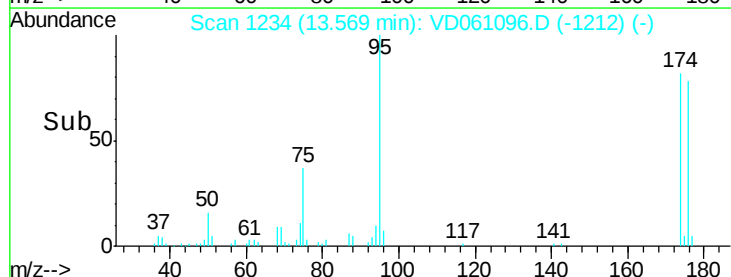
13.57

13.57

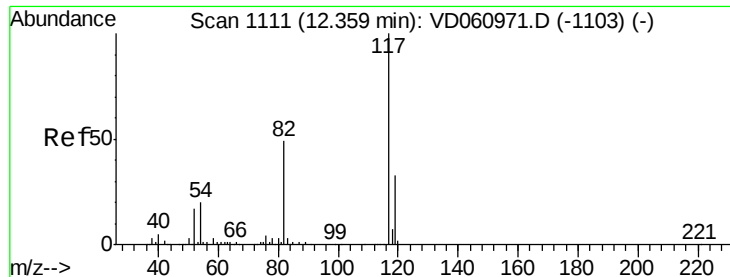
13.57

13.57

13.57



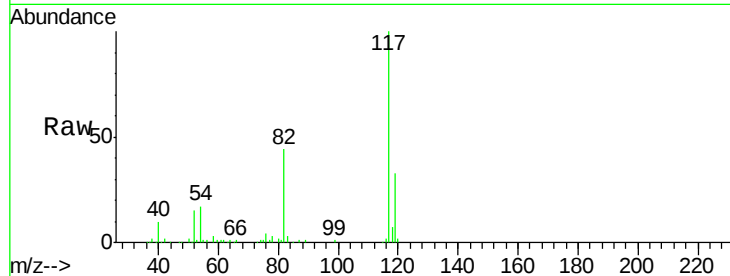
Time-->



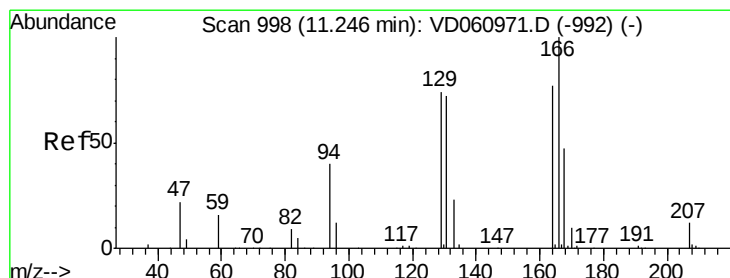
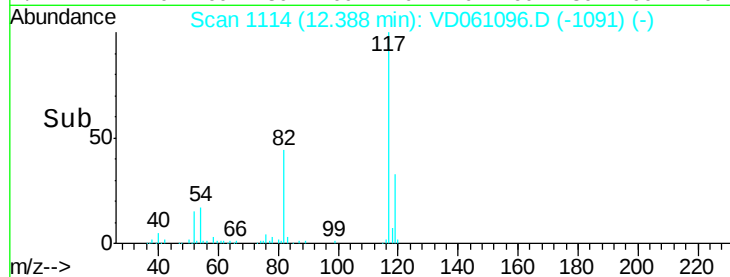
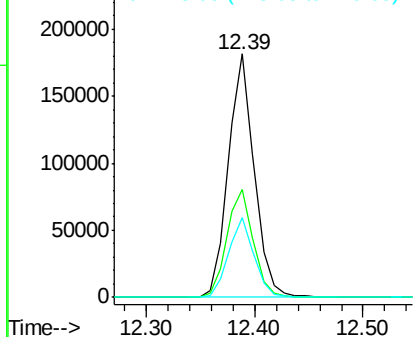
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

Instrument :
MSVOA_D
ClientSampleId :
SUMP-MUCK

Tot Ion:117 Resp: 304332
Ion Ratio Lower Upper
117 100
82 44.1 38.9 58.3
119 32.7 26.6 39.8

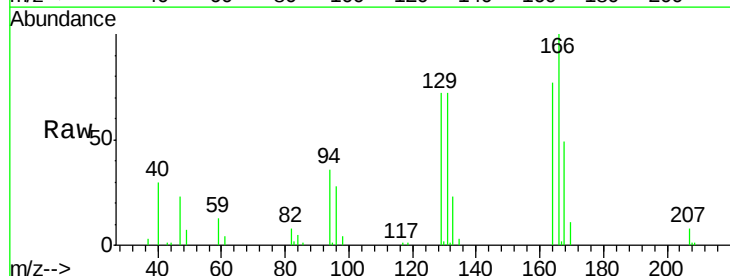


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

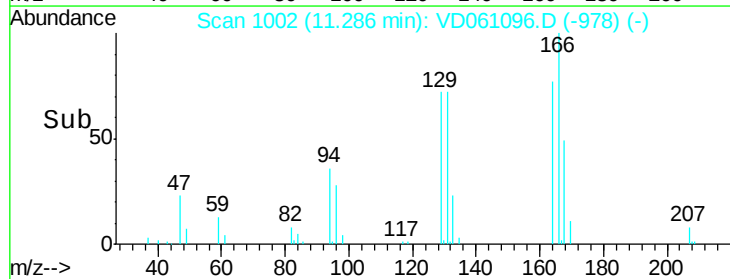
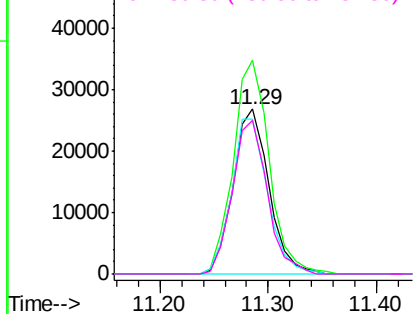


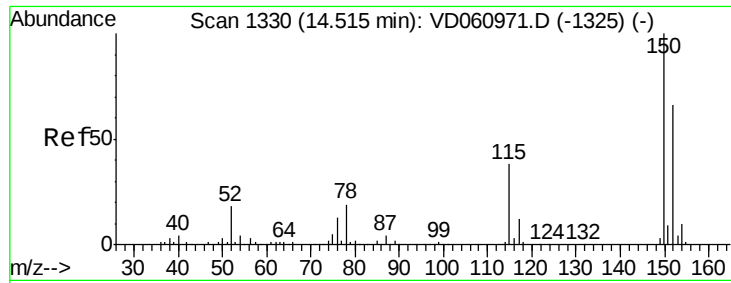
#64
Tetrachloroethene
Concen: 30.043 ug/l
RT: 11.29 min Scan# 1002
Delta R.T. 0.04 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

Tgt Ion:164 Resp: 61719
Ion Ratio Lower Upper
164 100
166 129.6 103.4 155.0
129 93.8 76.9 115.3
131 93.2 74.4 111.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

SUMP-MUCK

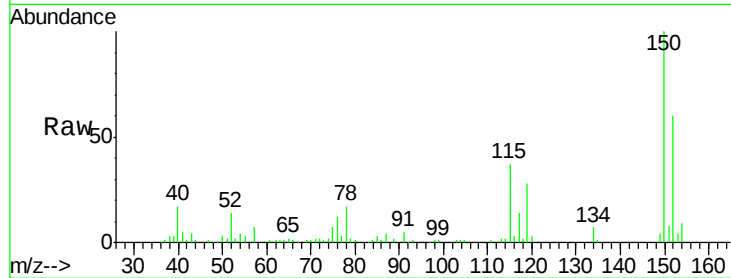
Tot Ion:152 Resp: 59210

Ion Ratio Lower Upper

152 100

115 63.0 28.6 85.9

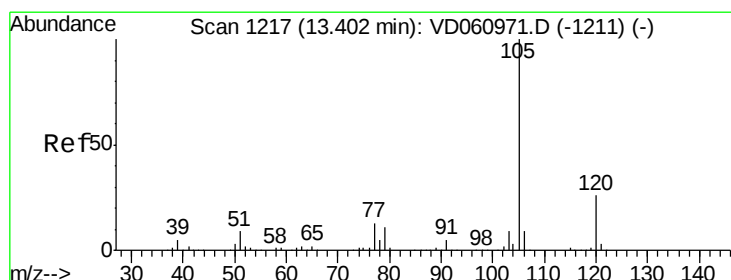
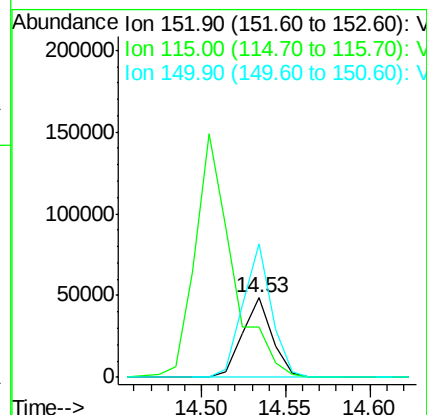
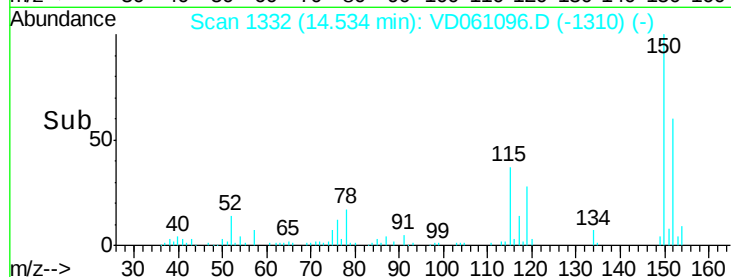
150 167.9 0.0 310.6



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



#73

Isopropylbenzene

Concen: 1.308 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD061096.D

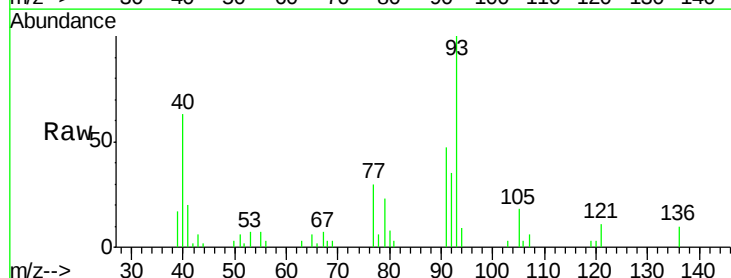
Acq: 15 Mar 2019 19:37

Tgt Ion:105 Resp: 5583

Ion Ratio Lower Upper

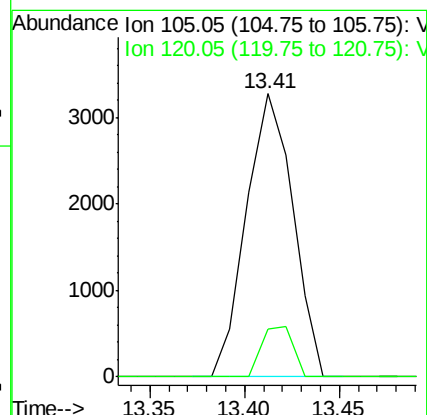
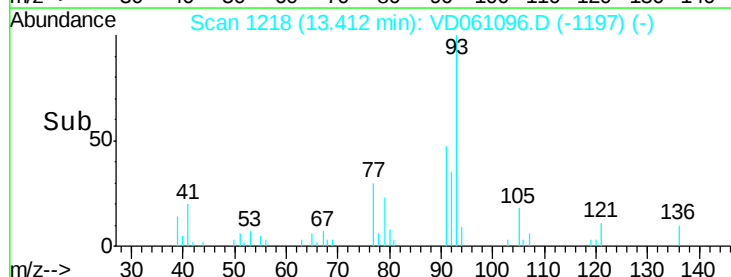
105 100

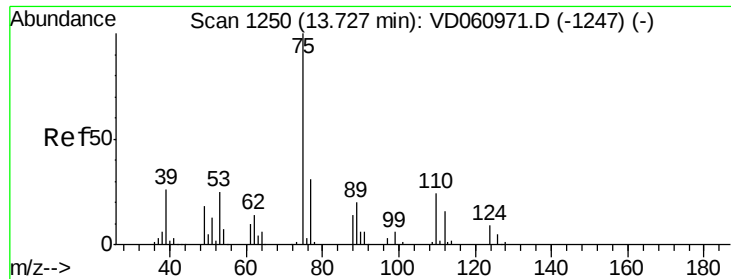
120 17.1 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

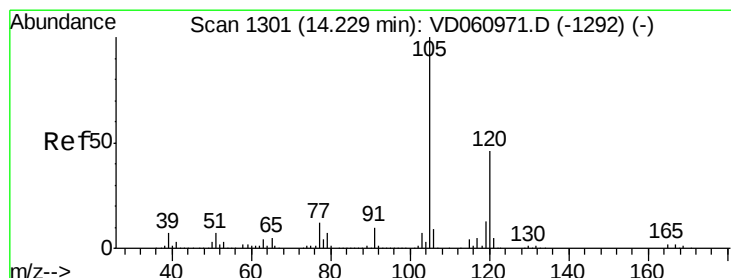
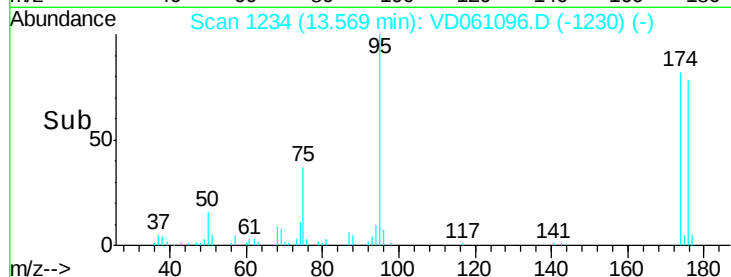
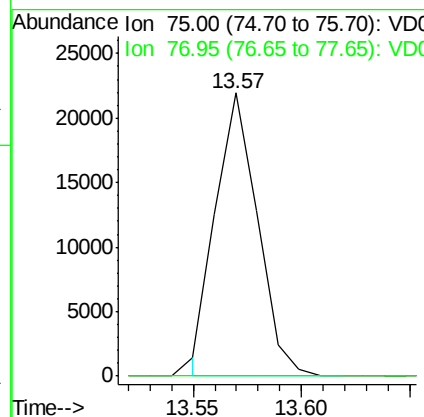
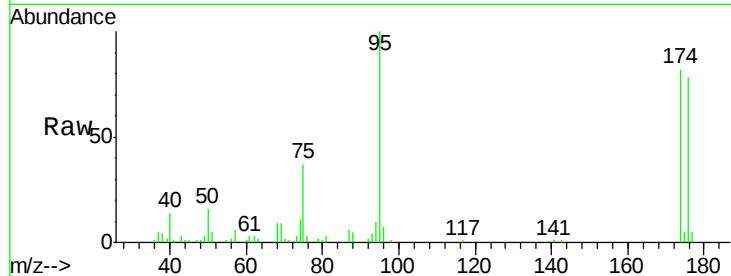




#76
 1,2,3-Trichloropropane
 Concen: 34.787 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. -0.16 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

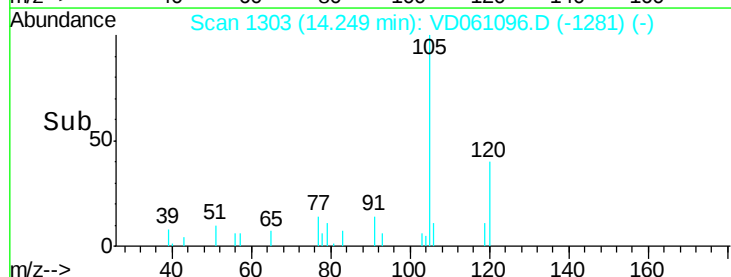
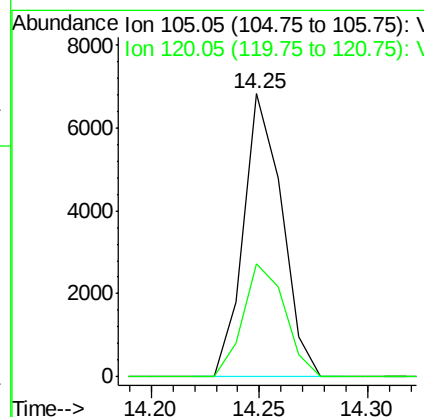
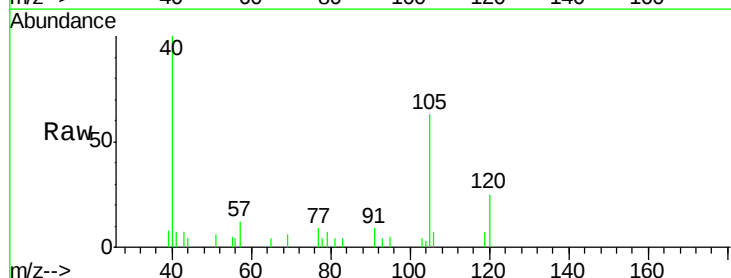
Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-MUCK

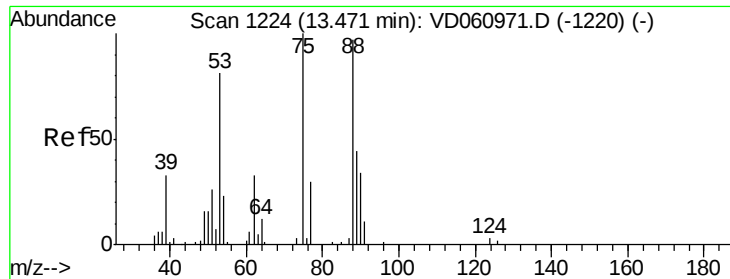
Tot Ion: 75 Resp: 29633
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.618 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

Tgt Ion: 105 Resp: 8482
 Ion Ratio Lower Upper
 105 100
 120 40.0 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 121.275 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

SUMP-MUCK

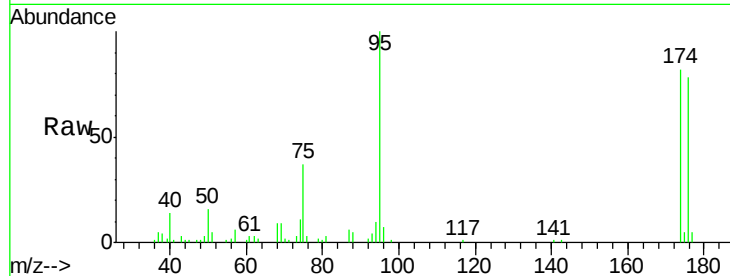
Tot Ion: 75 Resp: 30457

Ion Ratio Lower Upper

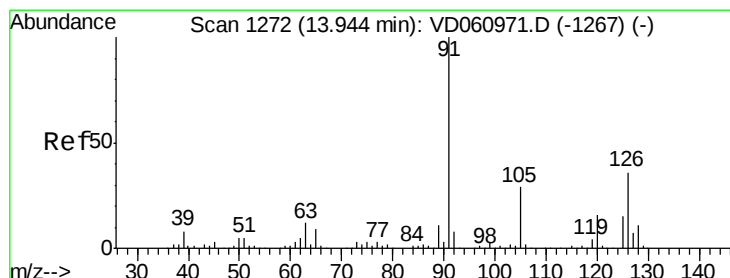
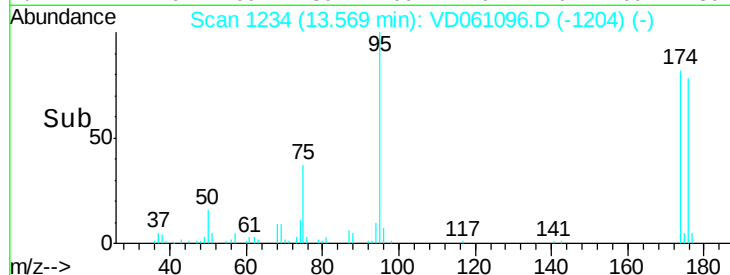
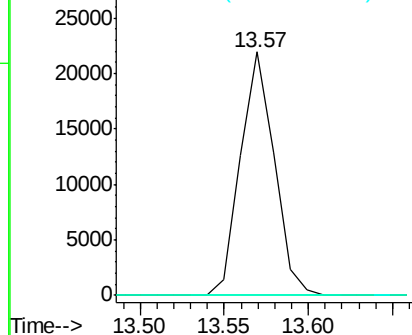
75 100

53 0.0 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: 3.082 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD061096.D

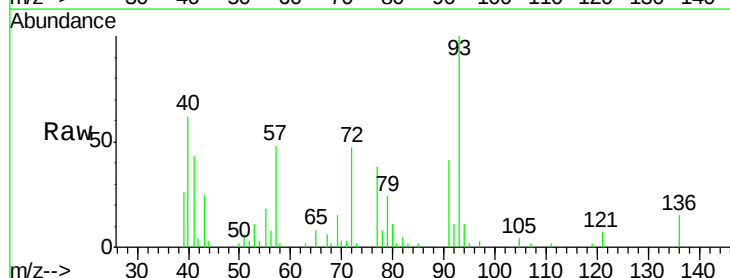
Acq: 15 Mar 2019 19:37

Tgt Ion: 91 Resp: 10019

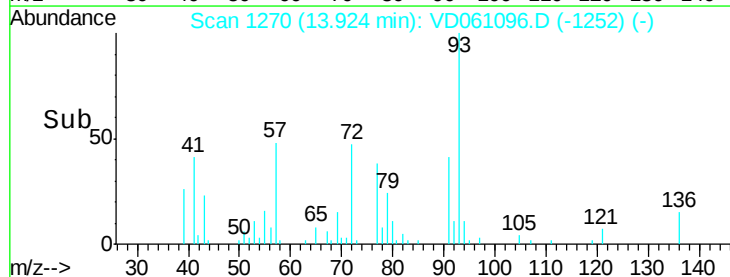
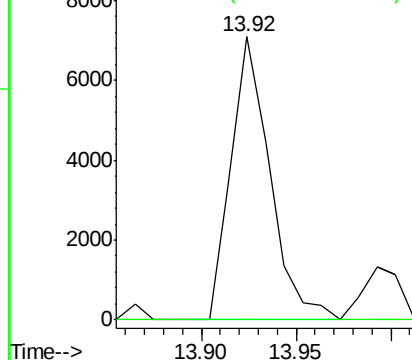
Ion Ratio Lower Upper

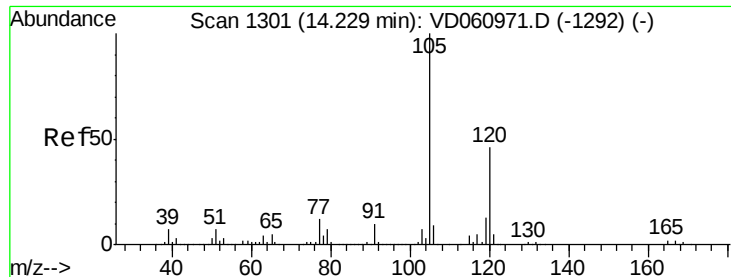
91 100

126 0.0 18.0 54.0#



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

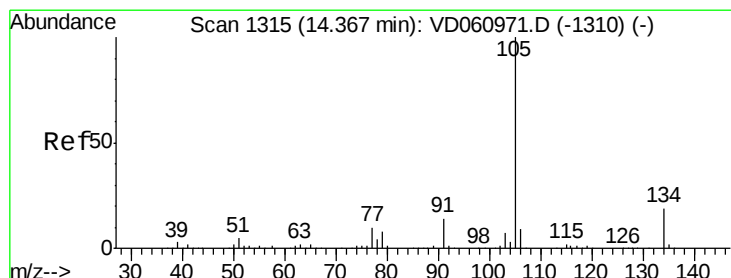
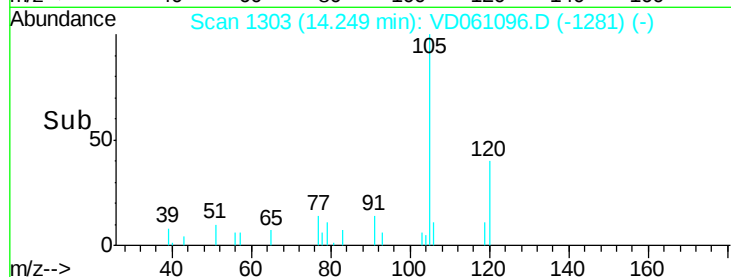
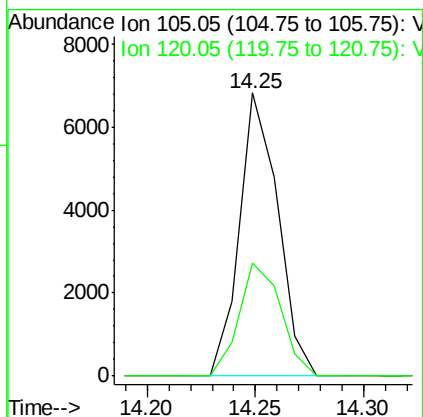
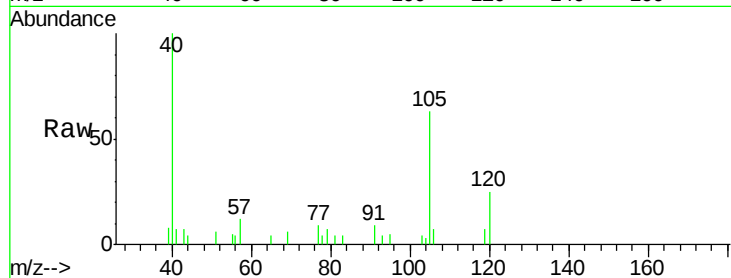




#84
 1,2,4-Trimethylbenzene
 Concen: 2.618 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

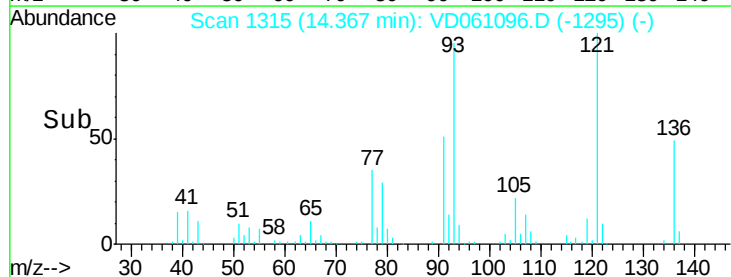
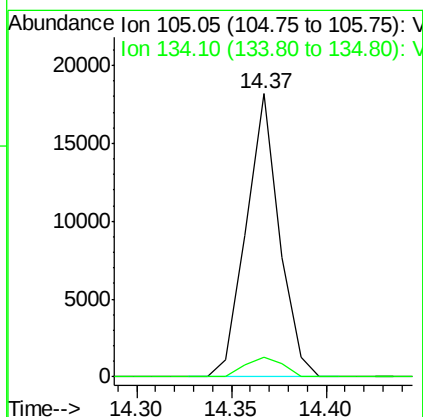
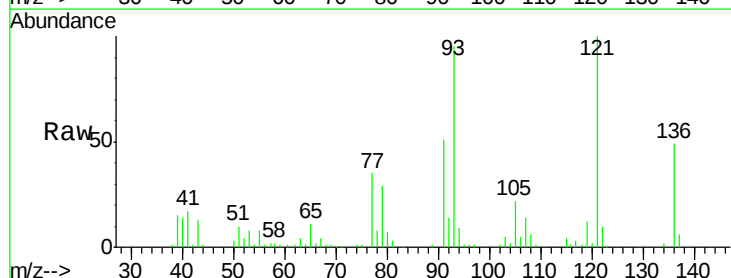
Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-MUCK

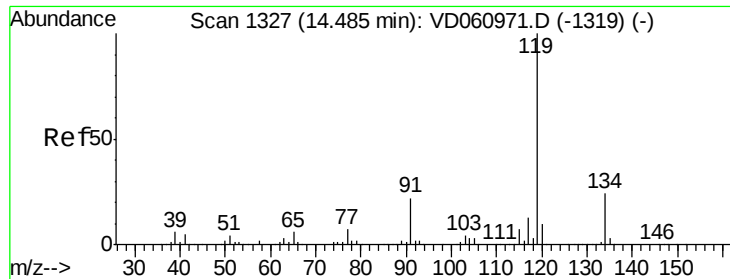
Tot Ion:105 Resp: 8482
 Ion Ratio Lower Upper
 105 100
 120 40.0 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 5.091 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD061096.D
 Acq: 15 Mar 2019 19:37

Tgt Ion:105 Resp: 22033
 Ion Ratio Lower Upper
 105 100
 134 7.1 9.4 28.2#

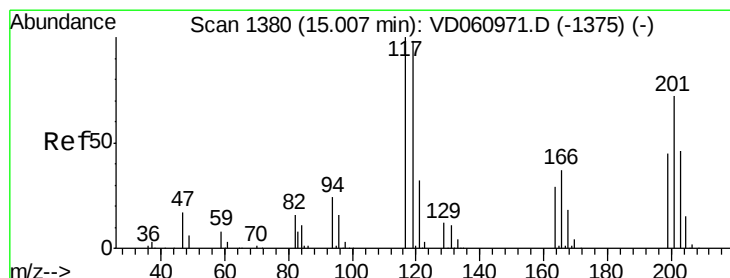
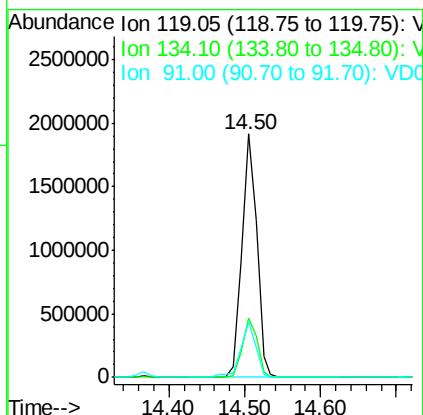
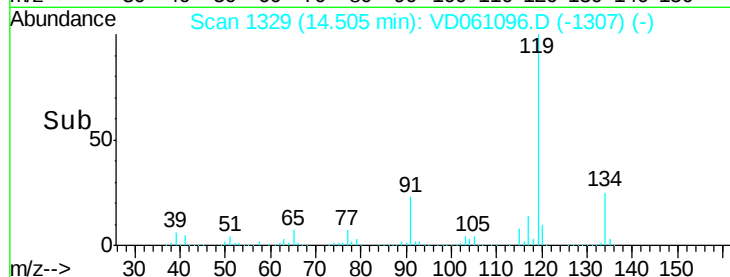
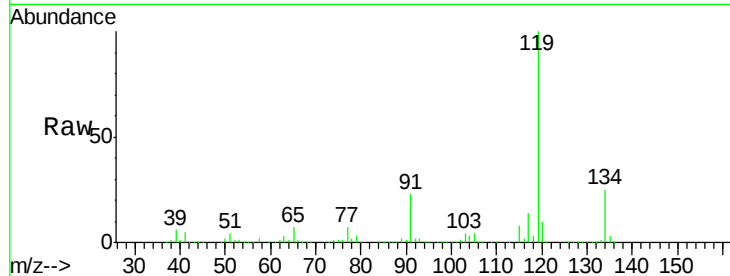




#86
p-Isopropyltoluene
Concen: 727.375 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. 0.02 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

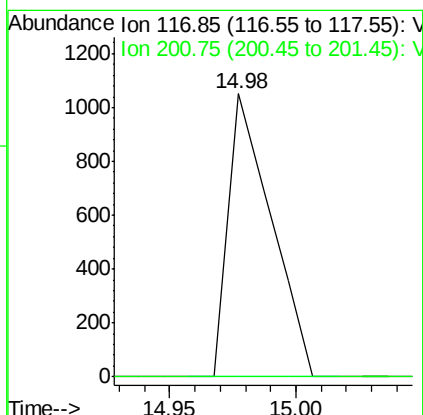
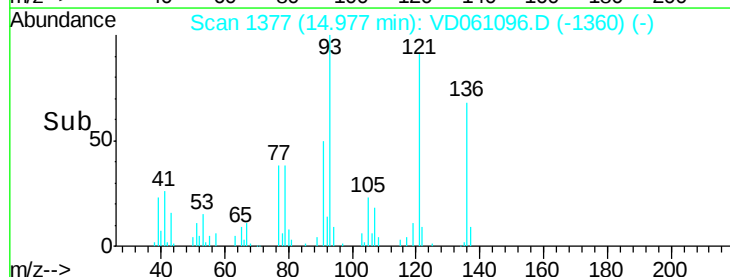
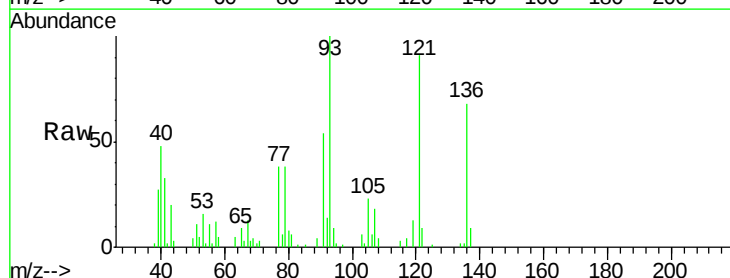
Instrument :
MSVOA_D
ClientSampleId :
SUMP-MUCK

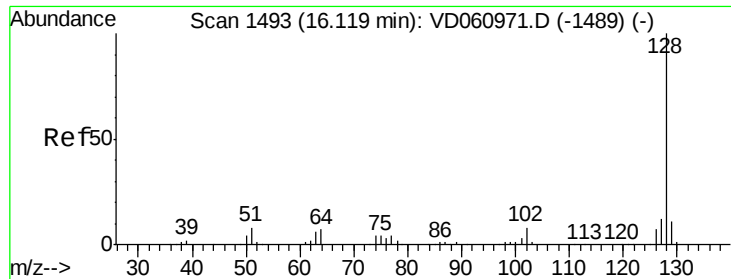
Tot Ion:119 Resp: 2573242
Ion Ratio Lower Upper
119 100
134 24.6 12.0 36.1
91 22.9 11.2 33.6



#90
Hexachloroethane
Concen: 1.241 ug/l
RT: 14.98 min Scan# 1377
Delta R.T. -0.03 min
Lab File: VD061096.D
Acq: 15 Mar 2019 19:37

Tgt Ion:117 Resp: 1240
Ion Ratio Lower Upper
117 100
201 0.0 36.2 108.6#





#95

Naphthalene

Concen: 4.366 ug/l

RT: 16.14 min Scan# 1495

Delta R.T. 0.02 min

Lab File: VD061096.D

Acq: 15 Mar 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

SUMP-MUCK

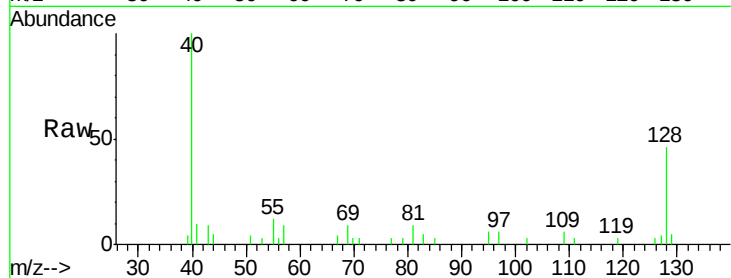
Tot Ion:128 Resp: 4991

Ion Ratio Lower Upper

128 100

127 9.4 9.8 14.8#

129 11.3 8.5 12.7



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

