

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062407.D
 Acq On : 16 May 2019 00:03
 Operator : FY/SY
 Sample : K2866-01
 Misc : 6.21g/5mL/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 16 04:01:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	418931	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	647690	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	419235	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	108176	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	220175	56.55	ug/l	0.04
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	6.93	113	255566	47.56	ug/l	0.04
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.43	98	432352	33.37	ug/l	0.03
Spiked Amount	50.000		Recovery	=	66.74%	
62) 4-Bromofluorobenzene	13.61	95	16551	3.18	ug/l	0.07
Spiked Amount	50.000		Recovery	=	6.36%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	48592	59.517	ug/l #	88
20) Methylene Chloride	3.82	84	41751	12.247	ug/l	87
25) 2-Butanone	6.09	43	4428	4.972	ug/l #	56
36) 1,1-Dichloropropene	7.05	75	35981	6.775	ug/l #	47
38) Carbon Tetrachloride	7.05	117	44787	6.093	ug/l #	16
39) Methylcyclohexane	8.87	83	23040	4.528	ug/l #	85
51) 4-Methyl-2-Pentanone	10.41	43	5580	2.718	ug/l	95
52) Toluene	10.52	92	20448	2.621	ug/l	92
55) 1,1,2-Trichloroethane	11.10	97	12226	4.429	ug/l #	20
59) 2-Hexanone	11.65	43	14190	9.377	ug/l #	37
68) m/p-Xylenes	12.68	106	210004	44.155	ug/l	83
69) o-Xylene	13.06	106	13076	2.957	ug/l	82
73) Isopropylbenzene	13.41	105	75615	11.661	ug/l	100
74) N-amyl acetate	13.23	43	72248	42.497	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	13.67	83	2982	2.429	ug/l #	61
76) 1,2,3-Trichloropropane	13.57	75	55940	43.513	ug/l #	45
78) n-propylbenzene	13.78	91	228071	29.485	ug/l	93
79) 2-Chlorotoluene	13.78	91	228071	51.483	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.94	105	462943	84.782	ug/l	87
81) trans-1,4-Dichloro-2-buten	13.57	75	58165	160.266	ug/l #	22
82) 4-Chlorotoluene	13.94	91	51946	9.965	ug/l #	39
83) tert-Butylbenzene	14.19	119	15345	2.500	ug/l	79
84) 1,2,4-Trimethylbenzene	14.24	105	2160793	394.341	ug/l	89
85) sec-Butylbenzene	14.37	105	94726	14.077	ug/l	99
86) p-Isopropyltoluene	14.50	119	134449	22.363	ug/l	91
87) 1,3-Dichlorobenzene	14.47	146	4915	1.482	ug/l #	1
89) n-Butylbenzene	14.79	91	506084	93.784	ug/l #	1
90) Hexachloroethane	14.99	117	99867	61.082	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	15.39	75	14448	71.699	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.96	180	18045	9.078	ug/l #	82
95) Naphthalene	16.13	128	1085962	391.324	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	6295	5.037	ug/l #	34

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Misc : 6.21g/5mL/MSVOA D/SOIL
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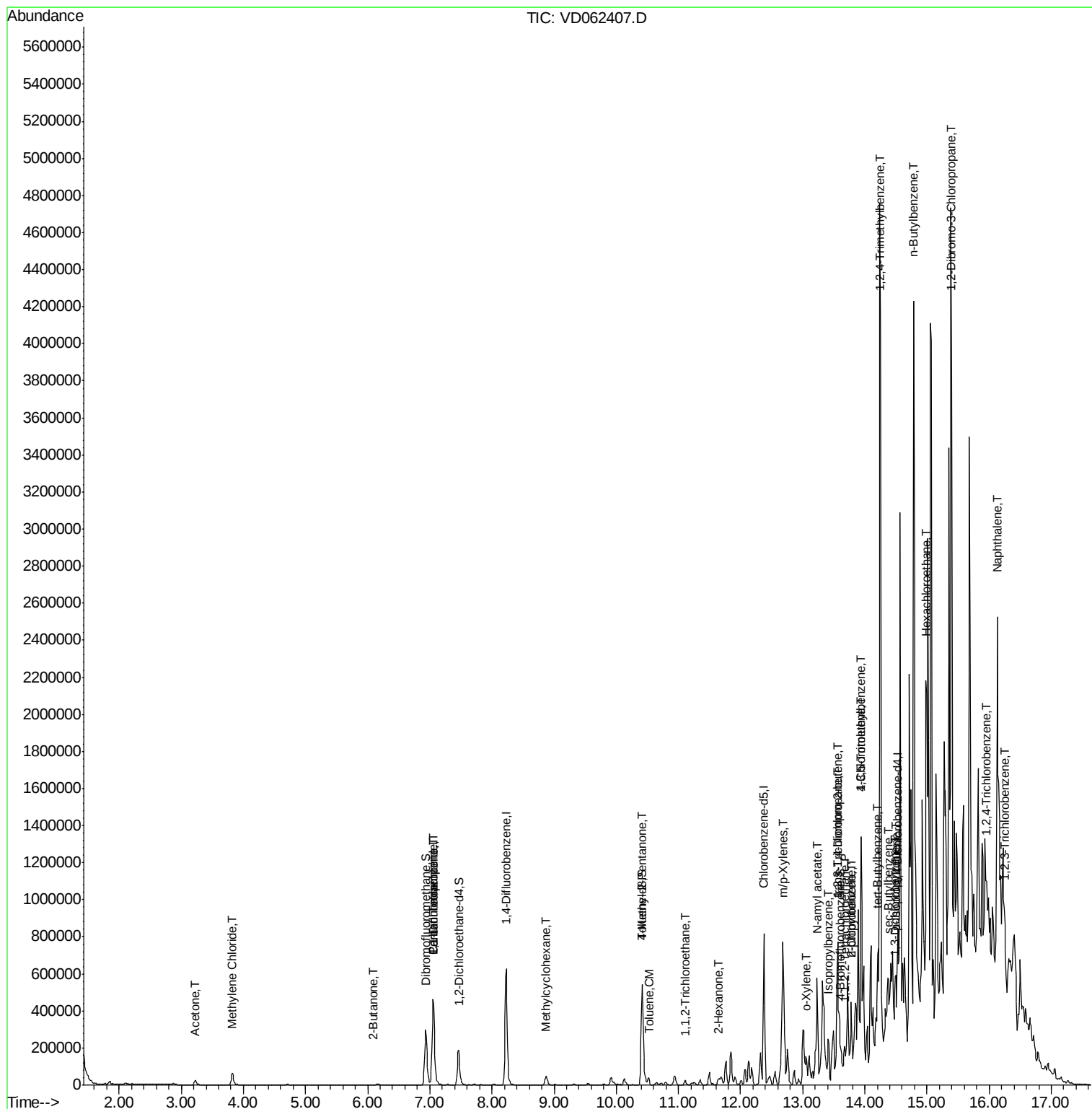
Instrument :
MSVOA_D
ClientSampleId :

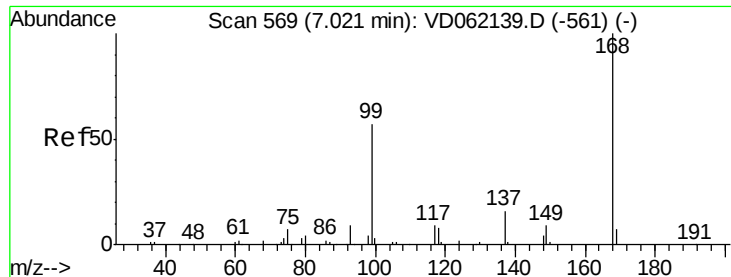
Quant Time: May 16 04:01:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

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

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

Quant Time: May 16 04:01:08 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

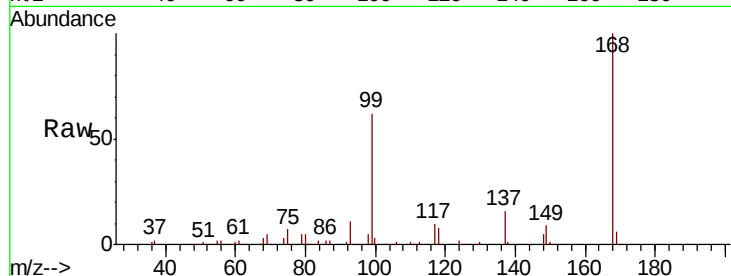
ClientSampleId :

Tot Ion:168 Resp: 418931

Ion Ratio Lower Upper

168 100

99 61.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

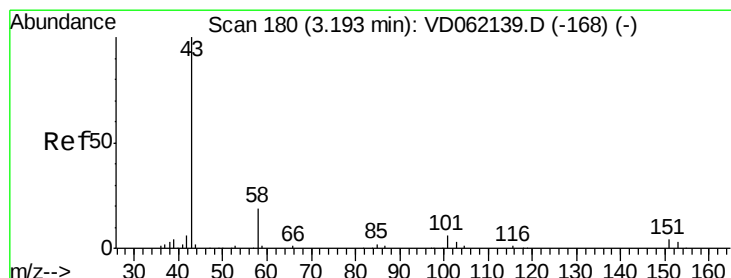
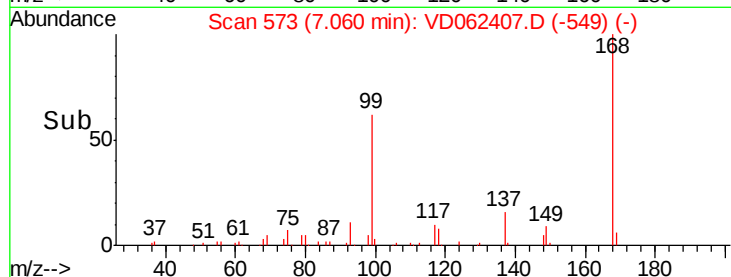
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 59.517 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062407.D

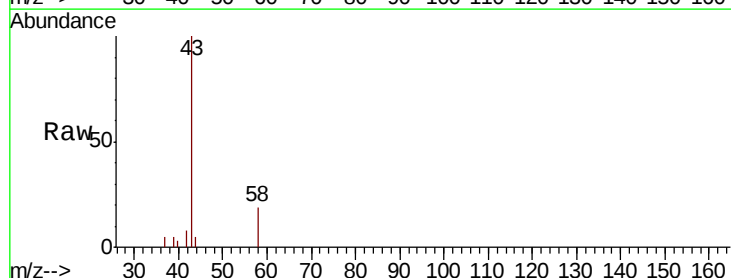
Acq: 16 May 2019 00:03

Tgt Ion: 43 Resp: 48592

Ion Ratio Lower Upper

43 100

58 18.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

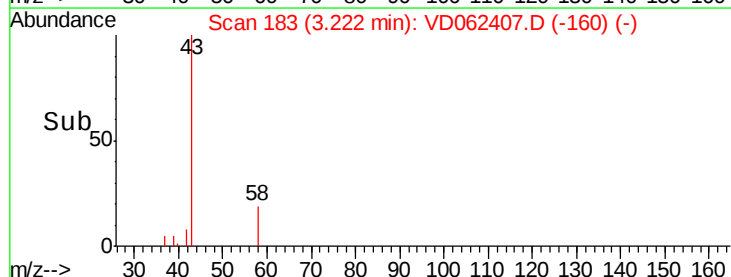
15000

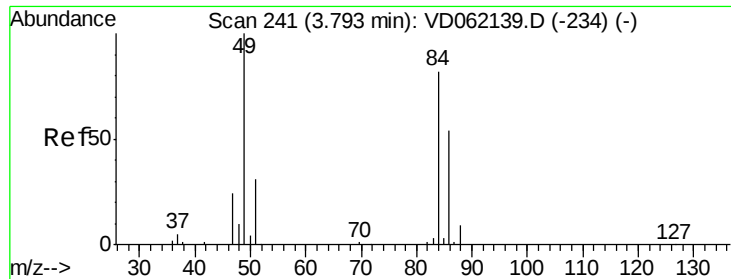
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

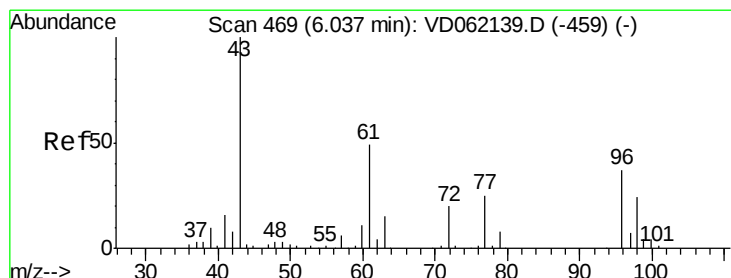
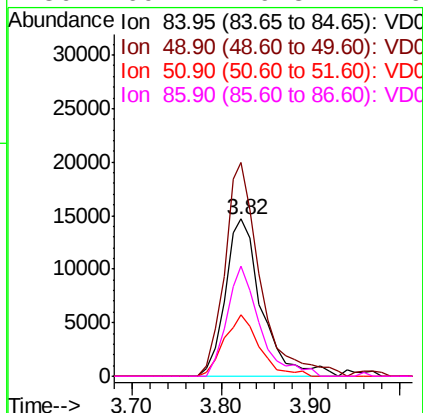
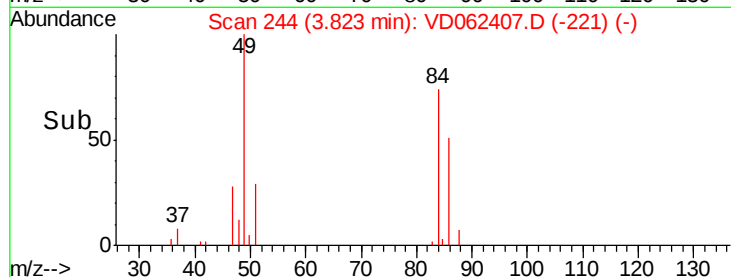
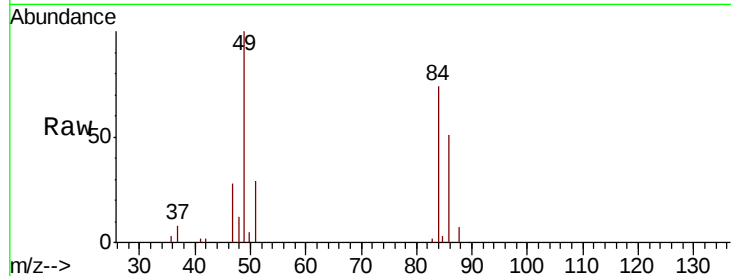




#20
Methvlene Chloride
Concen: 12.247 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

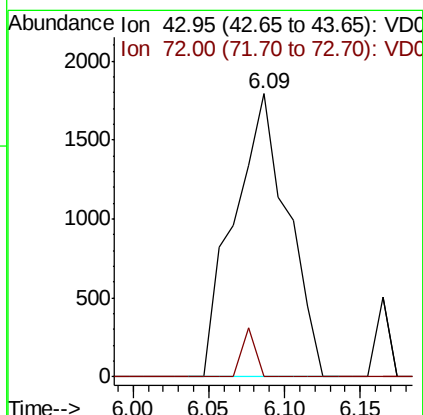
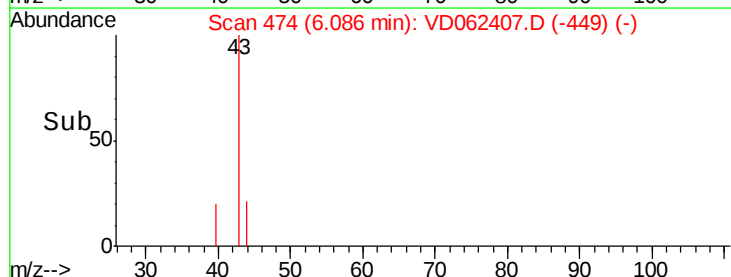
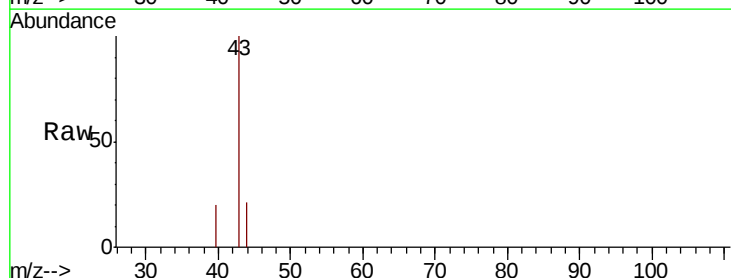
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 41751
Ion Ratio Lower Upper
84 100
49 135.7 94.0 141.0
51 39.1 29.0 43.4
86 69.7 49.8 74.6



#25
2-Butanone
Concen: 4.972 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.05 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#





#33

1,2-Dichloroethane-d4

Concen: 56.554 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

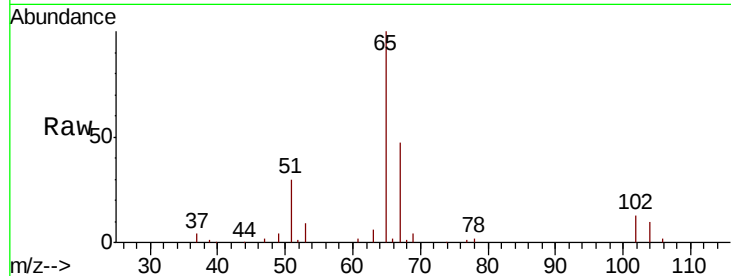
ClientSampled :

Tot Ion: 65 Resp: 220175

Ion Ratio Lower Upper

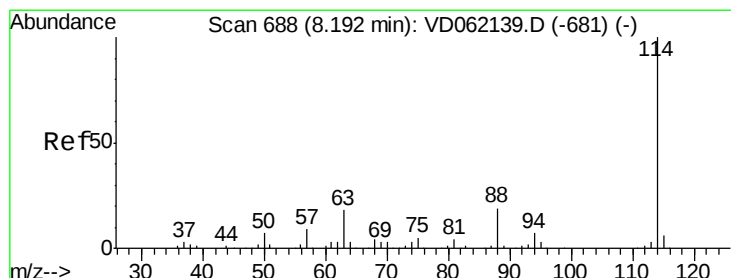
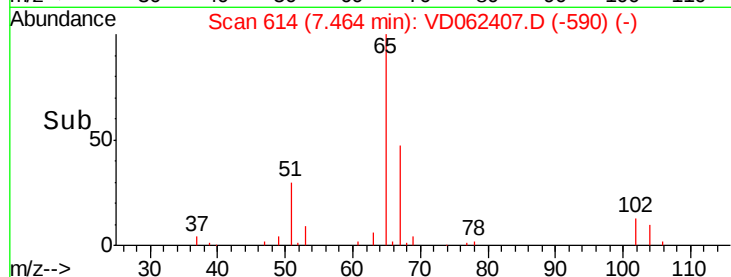
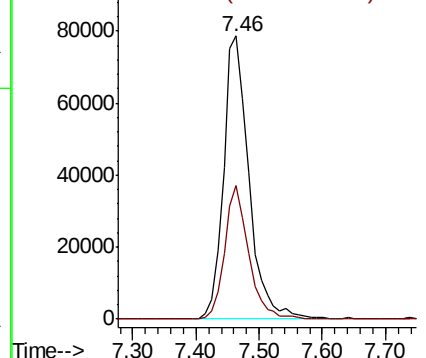
65 100

67 47.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

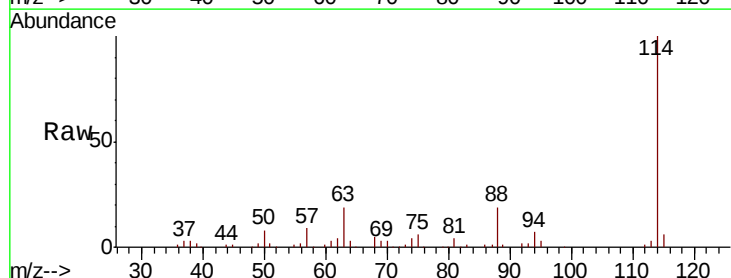
Tgt Ion: 114 Resp: 647690

Ion Ratio Lower Upper

114 100

63 19.2 0.0 32.4

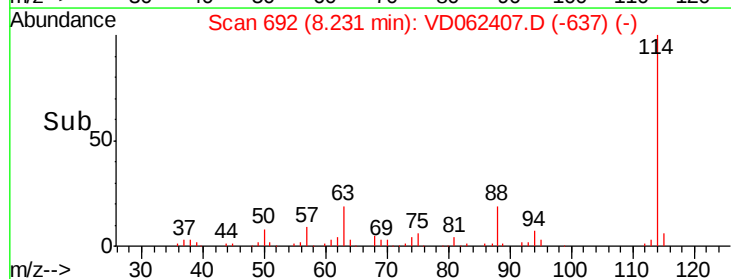
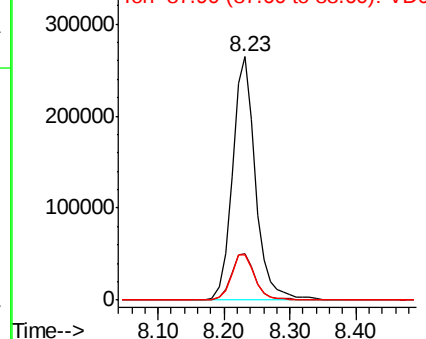
88 18.7 0.0 33.6



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: 47.556 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

ClientSampleId :

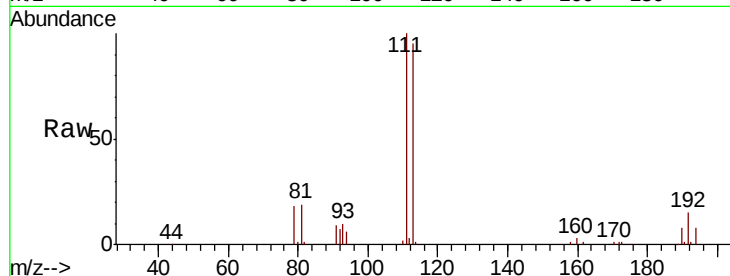
Tot Ion:113 Resp: 255566

Ion Ratio Lower Upper

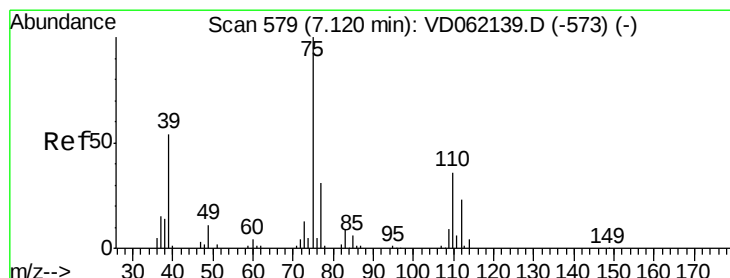
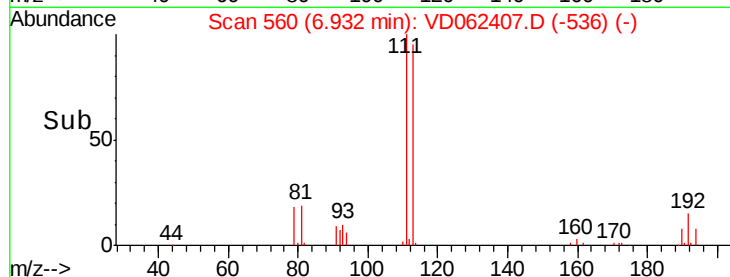
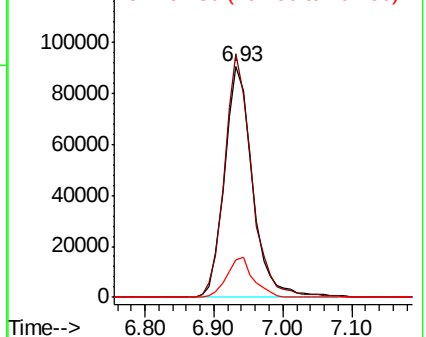
113 100

111 105.7 78.5 117.7

192 16.0 13.0 19.4



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



#36

1,1-Dichloropropene

Concen: 6.775 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.07 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

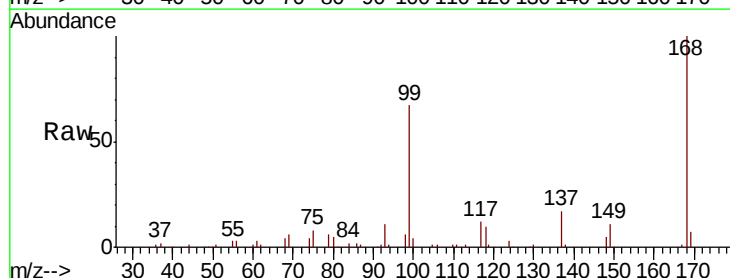
Tgt Ion: 75 Resp: 35981

Ion Ratio Lower Upper

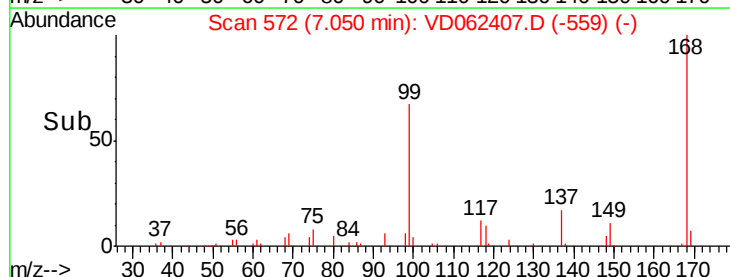
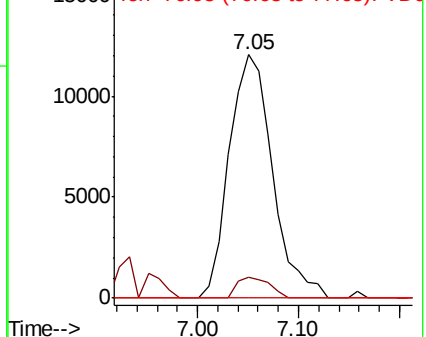
75 100

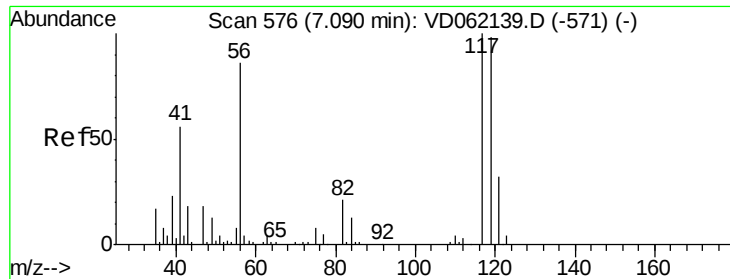
110 8.5 19.1 57.1#

77 0.0 25.6 38.4#



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





#38

Carbon Tetrachloride

Concen: 6.093 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

ClientSampleId :

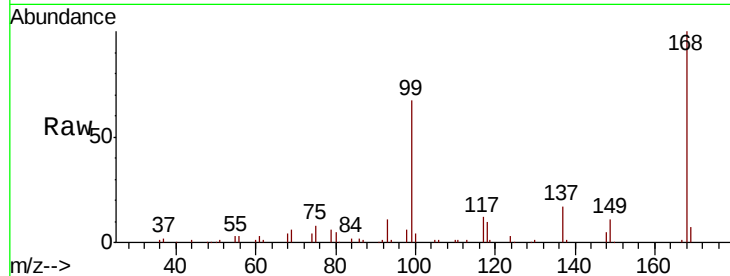
Tot Ion:117 Resp: 44787

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

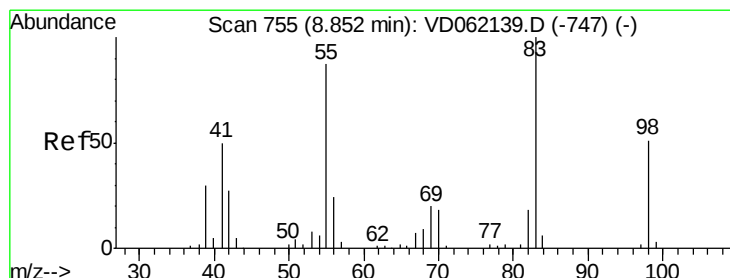
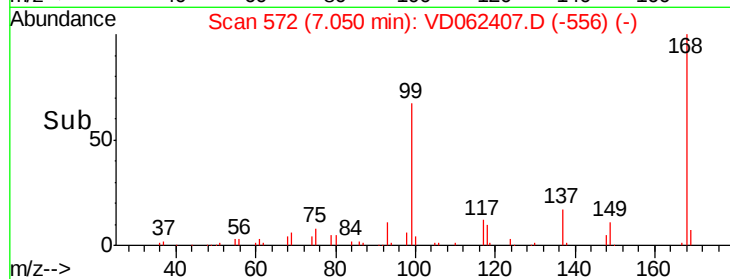
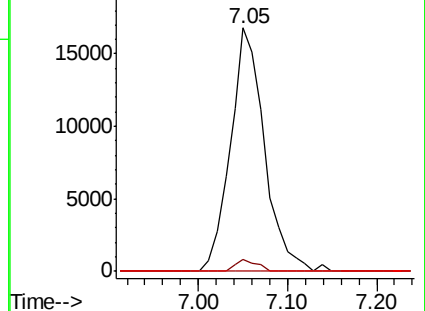
121 0.0 25.9 38.9#



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: 4.528 ug/l

RT: 8.87 min Scan# 757

Delta R.T. 0.02 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

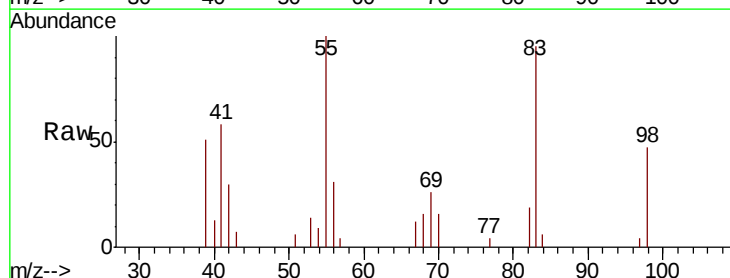
Tgt Ion: 83 Resp: 23040

Ion Ratio Lower Upper

83 100

55 105.6 68.2 102.4#

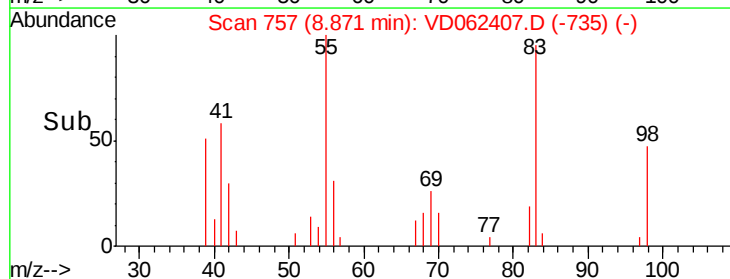
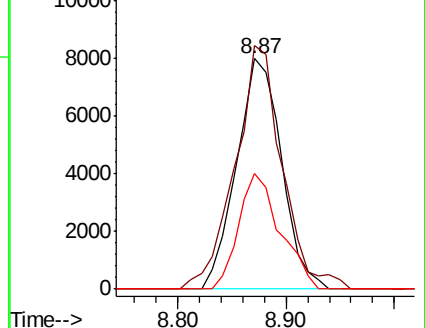
98 50.1 38.2 57.4

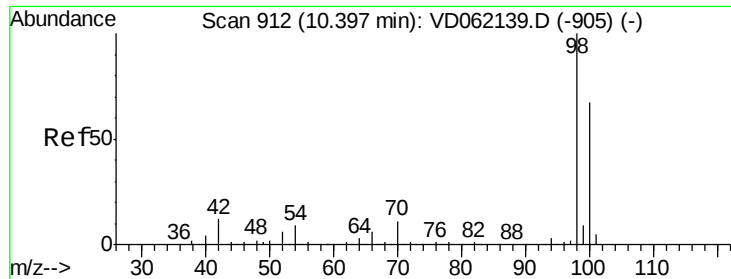


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

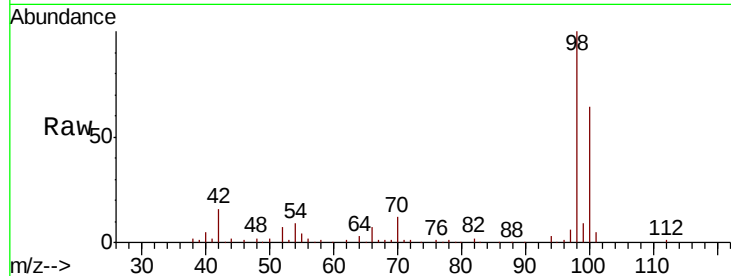




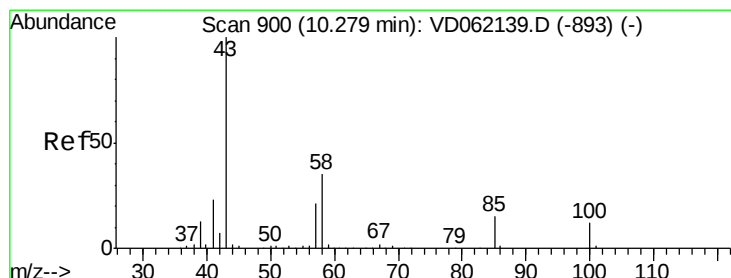
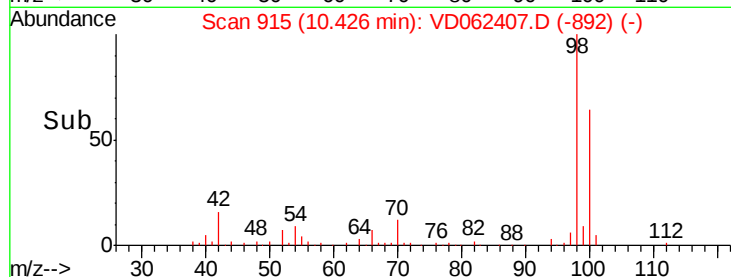
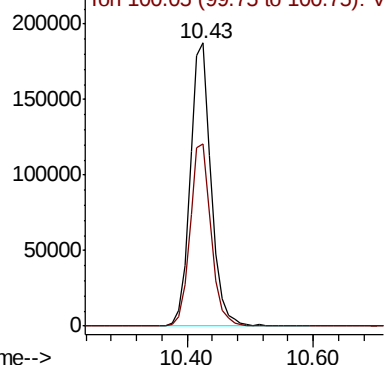
#50
Toluene-d8
Concen: 33.368 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 432352
Ion Ratio Lower Upper
98 100
100 64.2 53.8 80.8

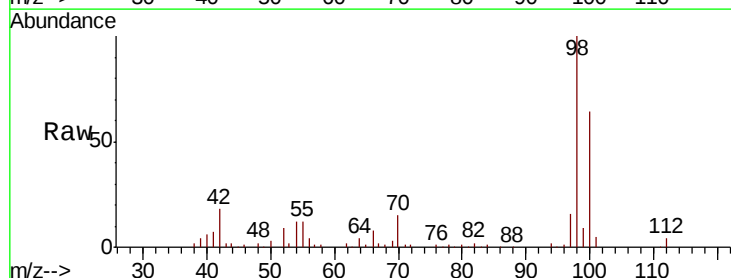


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

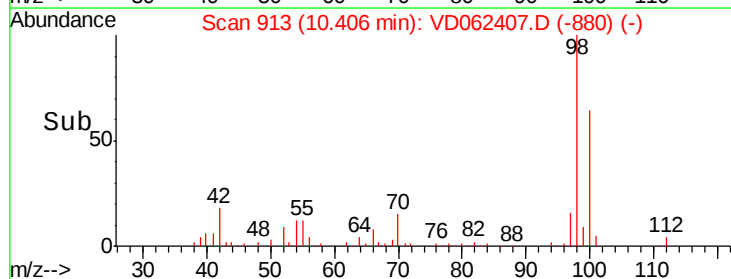
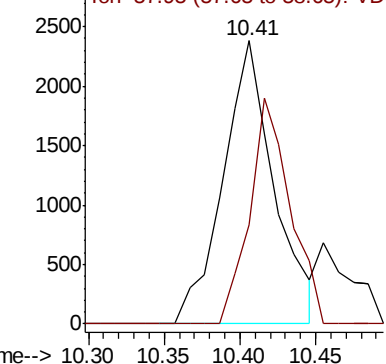


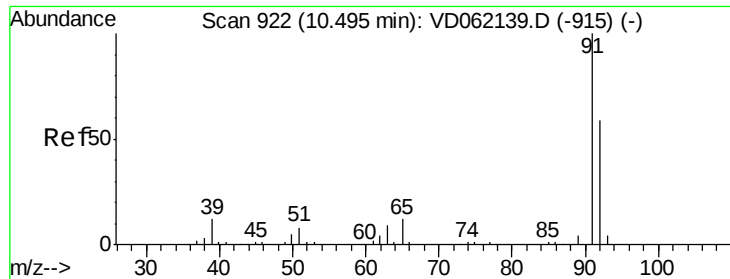
#51
4-Methyl-2-Pentanone
Concen: 2.718 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.13 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion: 43 Resp: 5580
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6



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





#52

Toluene

Concen: 2.621 ug/l

RT: 10.52 min Scan# 925

Delta R.T. 0.03 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

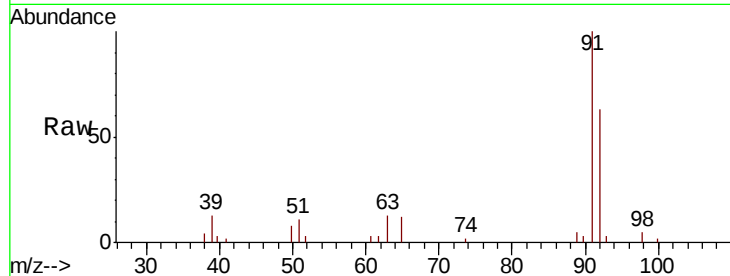
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 92 Resp: 20448

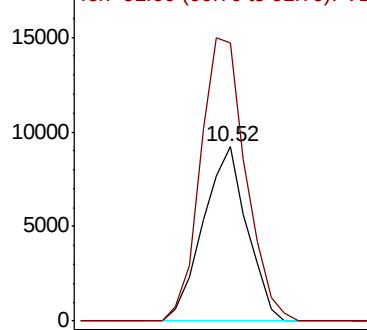
Ion Ratio Lower Upper

92 100

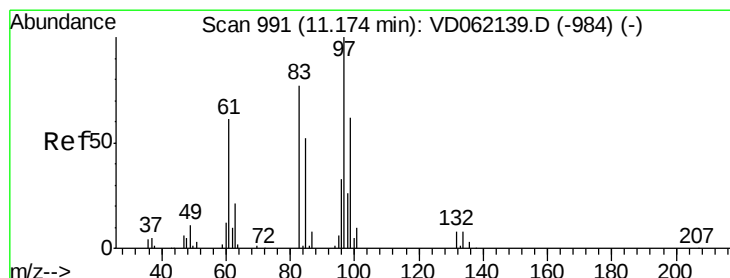
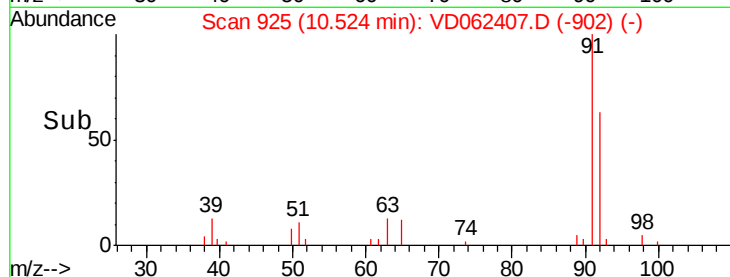
91 159.5 136.6 204.8



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



Time-->



#55

1,1,2-Trichloroethane

Concen: 4.429 ug/l

RT: 11.10 min Scan# 984

Delta R.T. -0.07 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Tgt Ion: 97 Resp: 12226

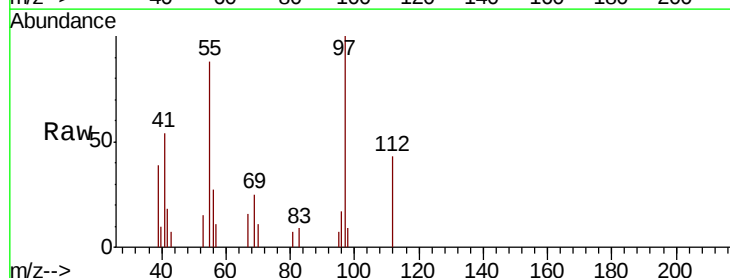
Ion Ratio Lower Upper

97 100

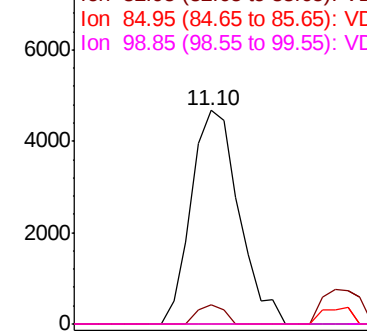
83 8.8 65.7 98.5#

85 0.0 45.6 68.4#

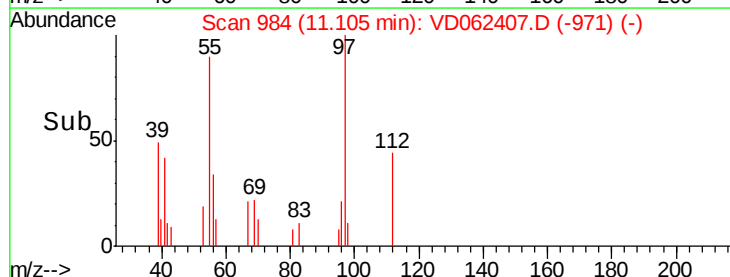
99 0.0 48.4 72.6#

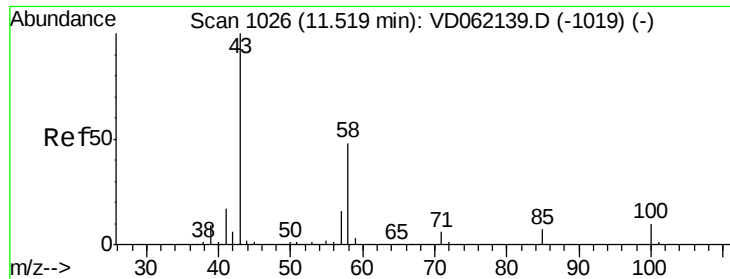


Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 98.85 (98.55 to 99.55): VDC



Time-->

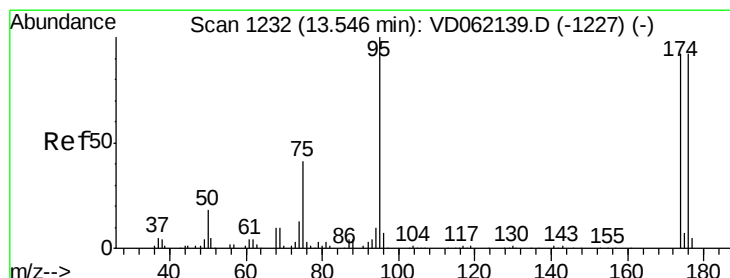
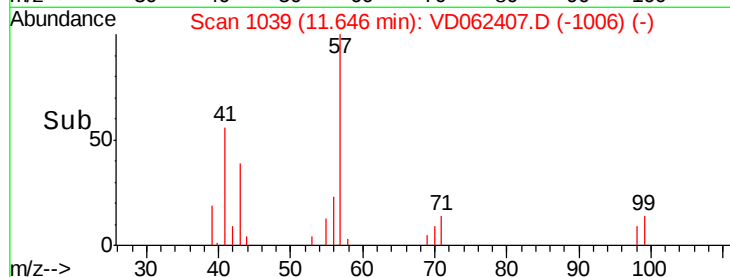
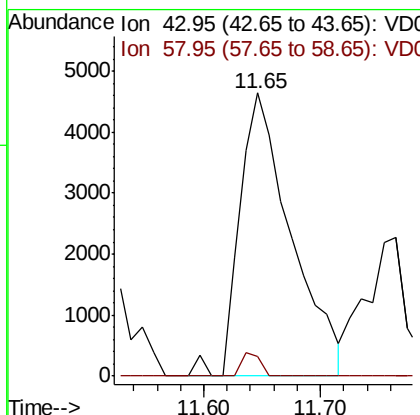
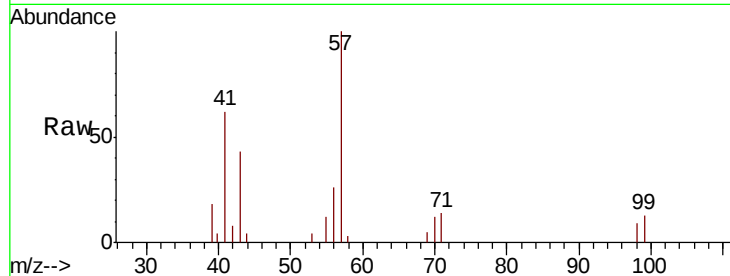




#59
2-Hexanone
Concen: 9.377 ug/l
RT: 11.65 min Scan# 1039
Delta R.T. 0.13 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

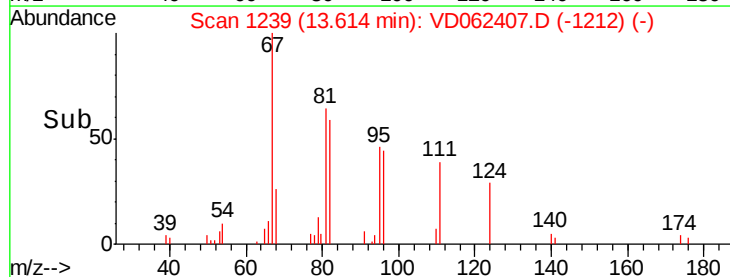
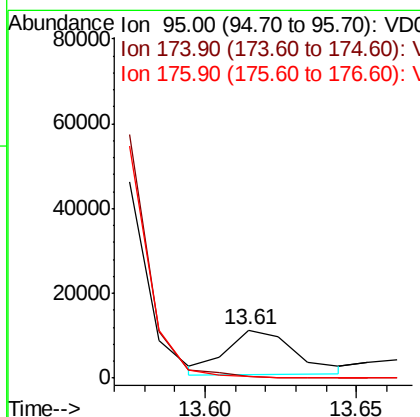
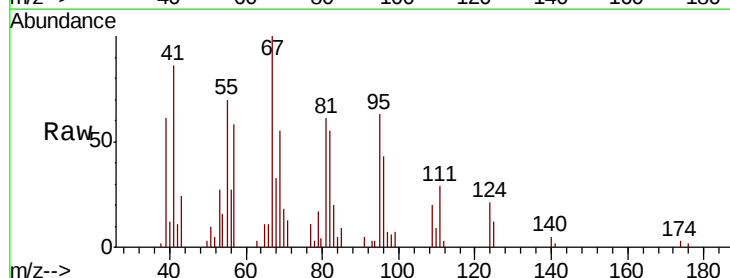
Instrument :
MSVOA_D
ClientSampled :

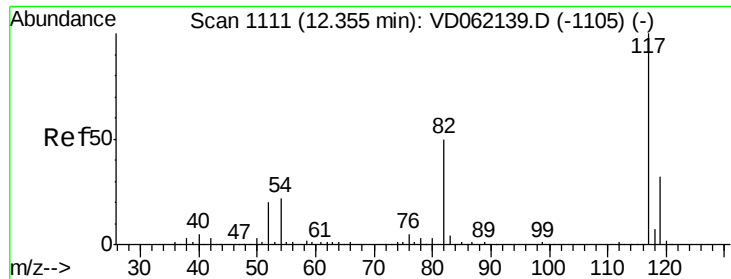
Tot Ion: 43 Resp: 14190
Ion Ratio Lower Upper
43 100
58 6.8 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 3.181 ug/l
RT: 13.61 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion: 95 Resp: 16551
Ion Ratio Lower Upper
95 100
174 4.6 0.0 181.8
176 3.5 0.0 174.4

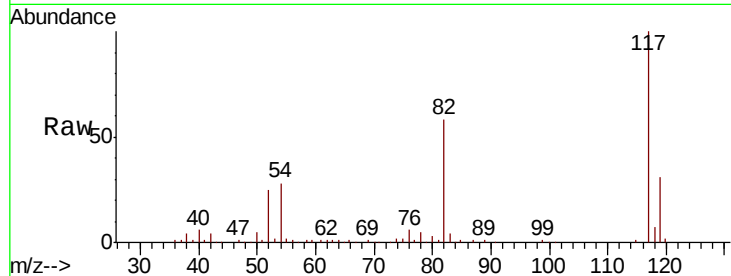




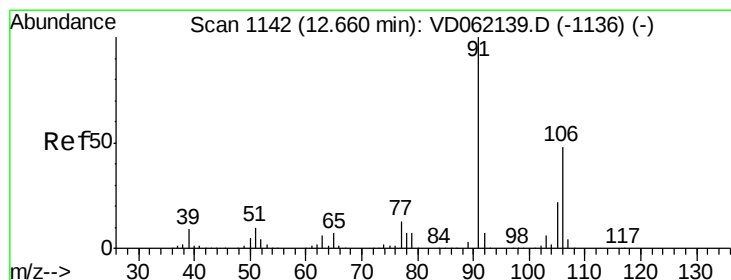
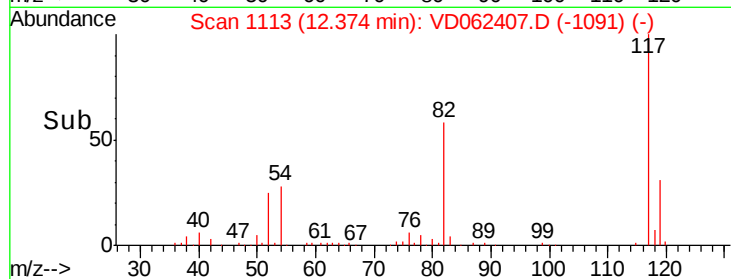
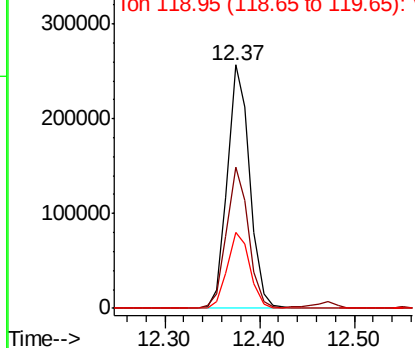
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 419235
Ion Ratio Lower Upper
117 100
82 58.0 36.2 54.2#
119 31.4 26.2 39.4

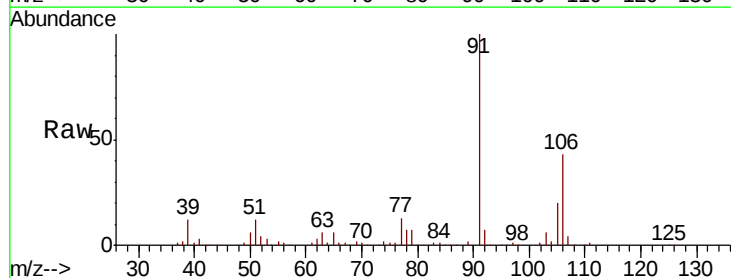


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

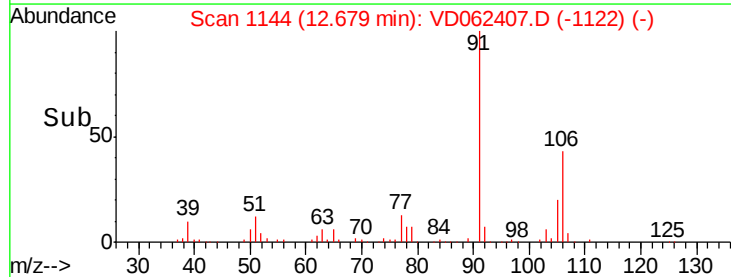
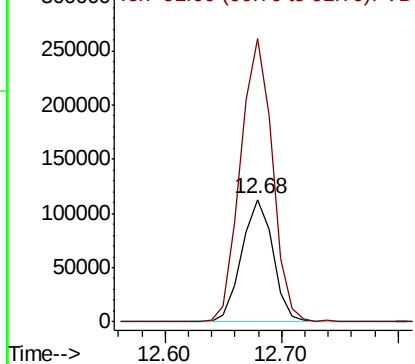


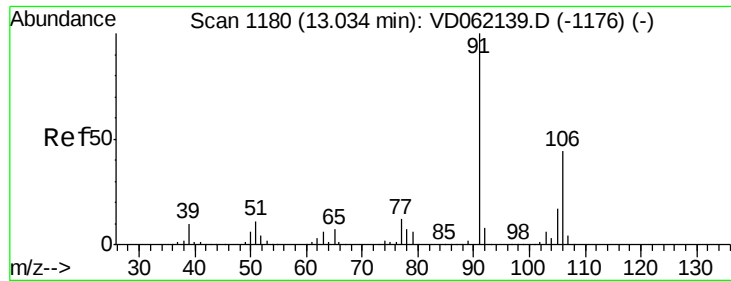
#68
m/p-Xylenes
Concen: 44.155 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion:106 Resp: 210004
Ion Ratio Lower Upper
106 100
91 231.5 164.0 246.0



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

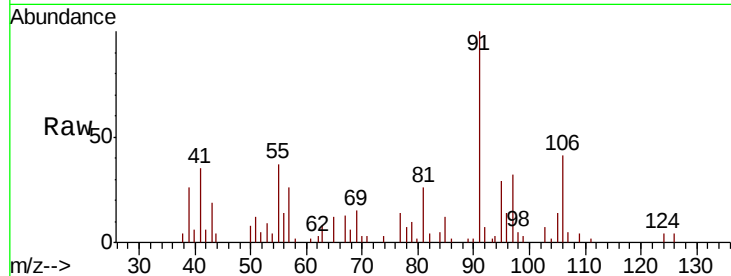




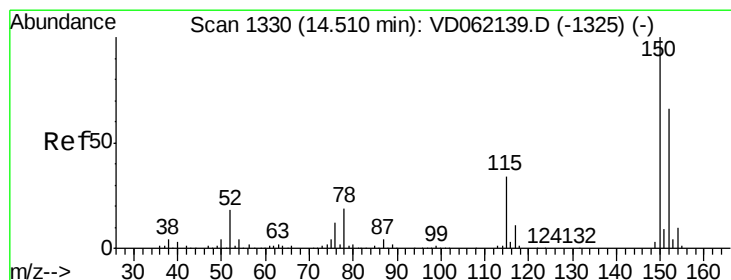
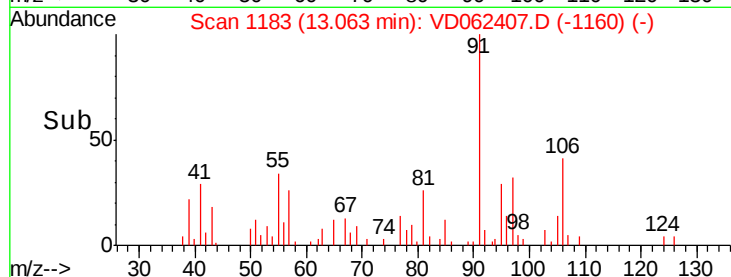
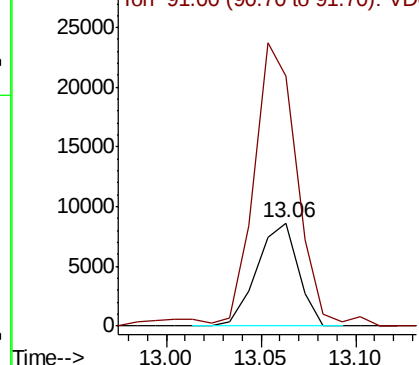
#69
o-Xylene
Concen: 2.957 ug/l
RT: 13.06 min Scan# 1183
Delta R.T. 0.03 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 13076
Ion Ratio Lower Upper
106 100
91 241.4 106.7 319.9

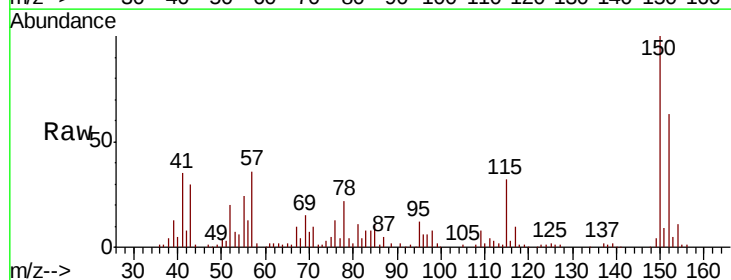


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

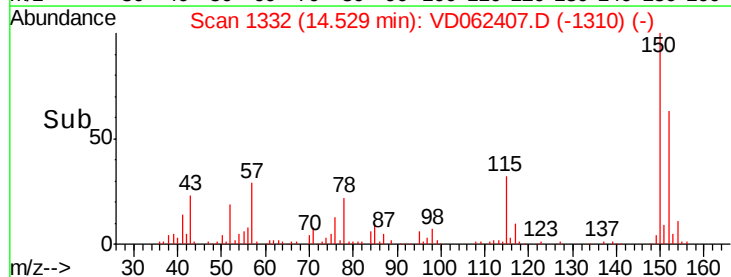
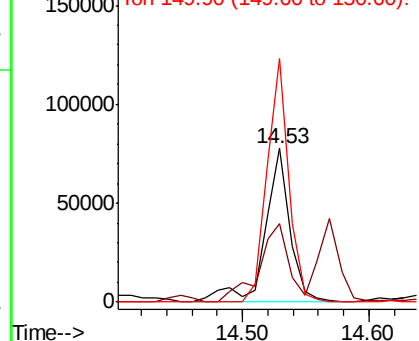


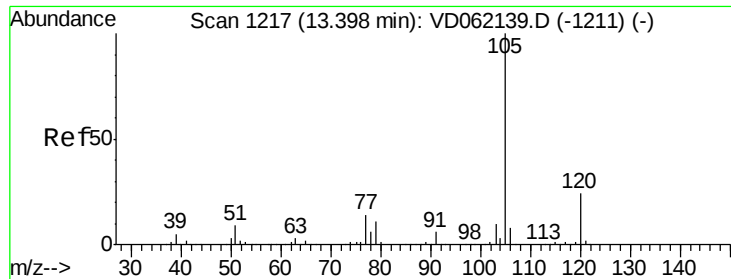
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion:152 Resp: 108176
Ion Ratio Lower Upper
152 100
115 51.2 30.9 92.7
150 158.7 0.0 314.8



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: 11.661 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

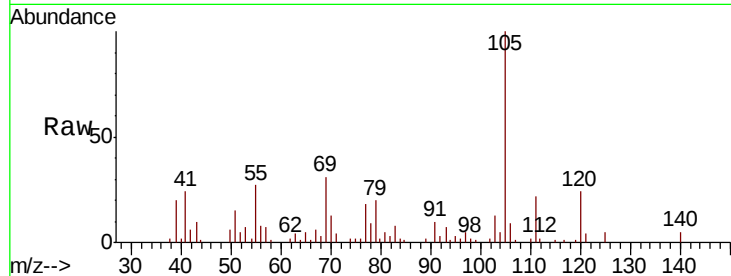
ClientSampleId :

Tot Ion:105 Resp: 75615

Ion Ratio Lower Upper

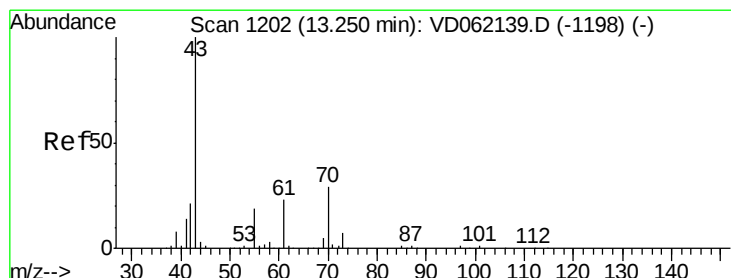
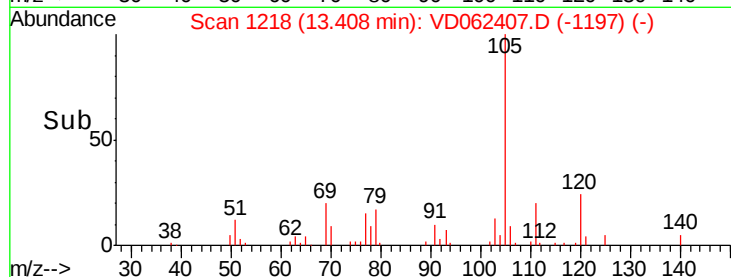
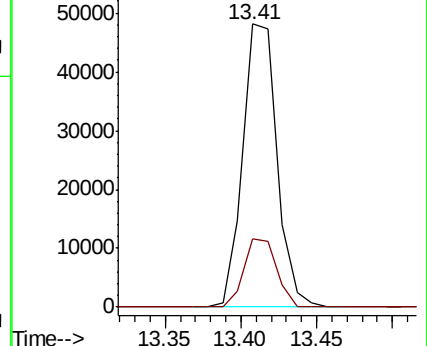
105 100

120 24.1 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 42.497 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Tgt Ion: 43 Resp: 72248

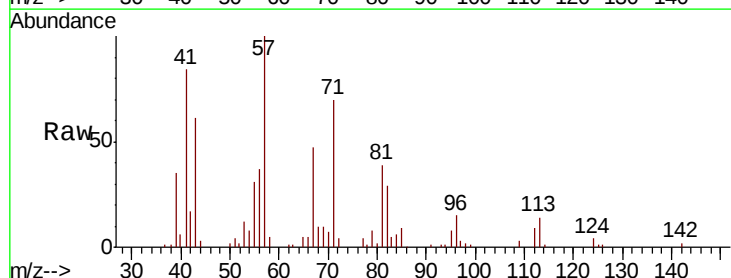
Ion Ratio Lower Upper

43 100

70 11.8 24.2 36.4#

55 50.2 16.0 24.0#

61 0.0 21.6 32.4#

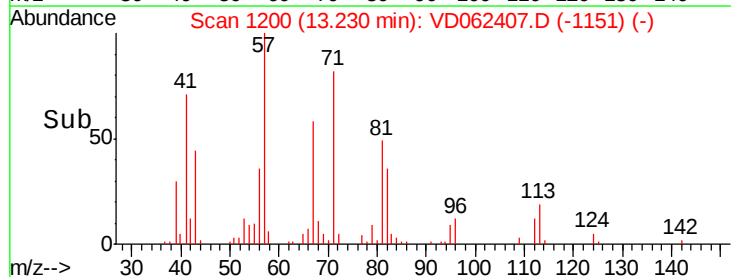
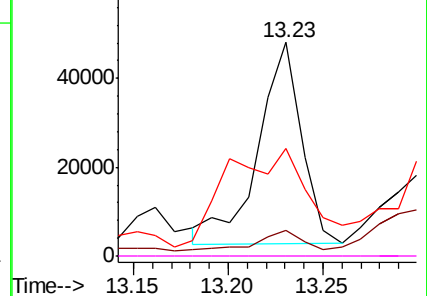


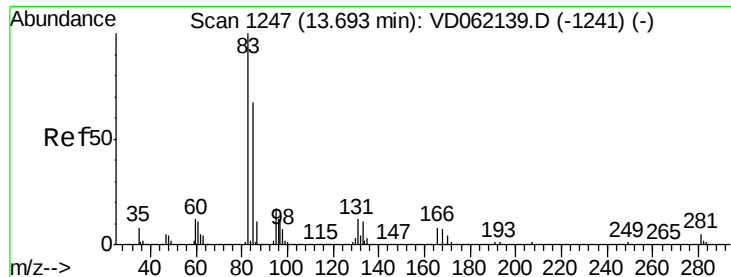
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.429 ug/l

RT: 13.67 min Scan# 1245

Delta R.T. -0.02 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

ClientSampled :

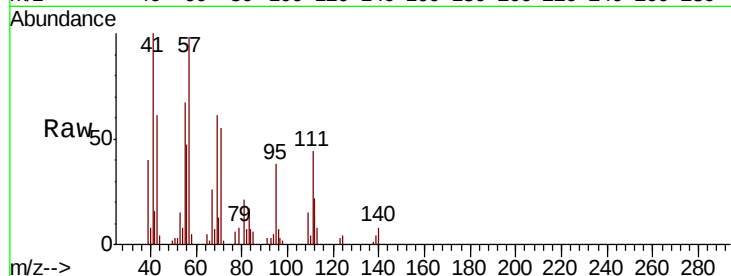
Tot Ion: 83 Resp: 2982

Ion Ratio Lower Upper

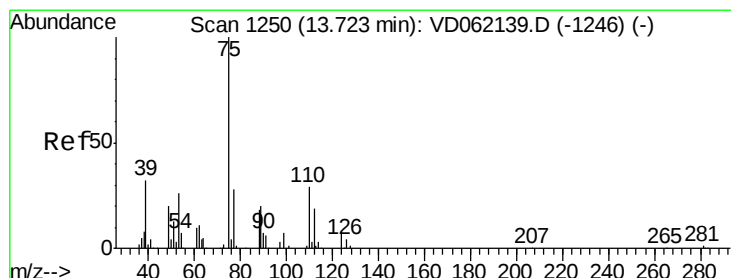
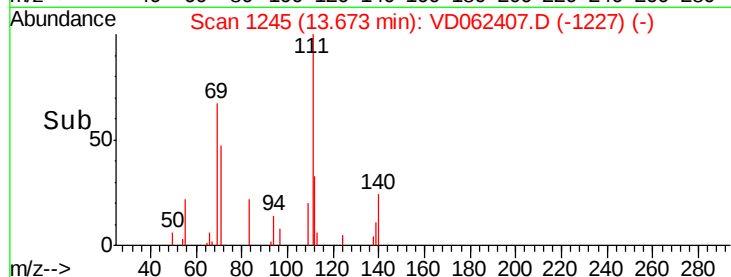
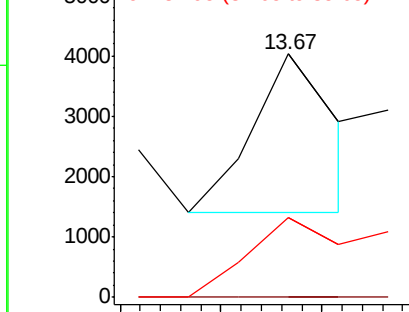
83 100

131 0.0 5.0 14.9#

85 32.7 32.6 97.7



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 43.513 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062407.D

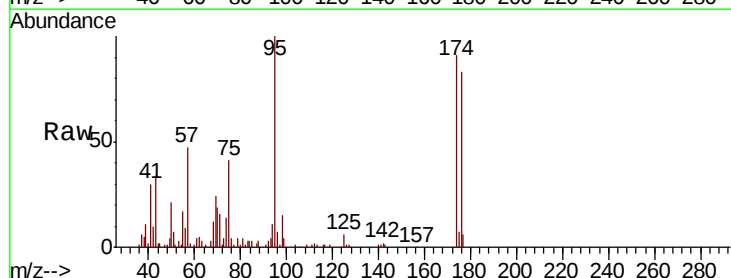
Acq: 16 May 2019 00:03

Tgt Ion: 75 Resp: 55940

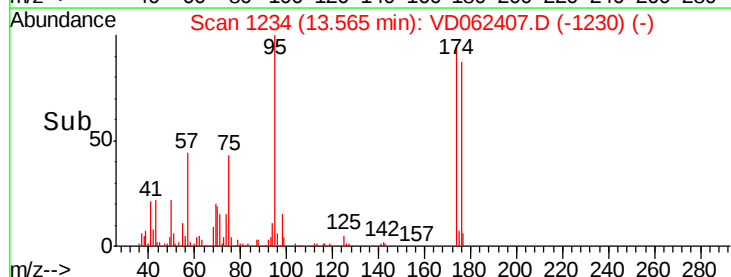
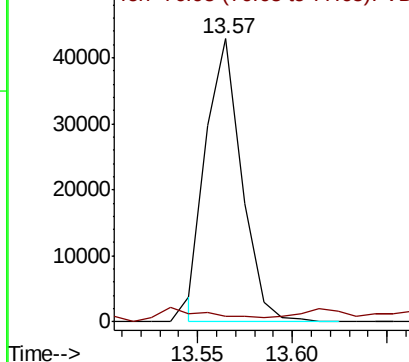
Ion Ratio Lower Upper

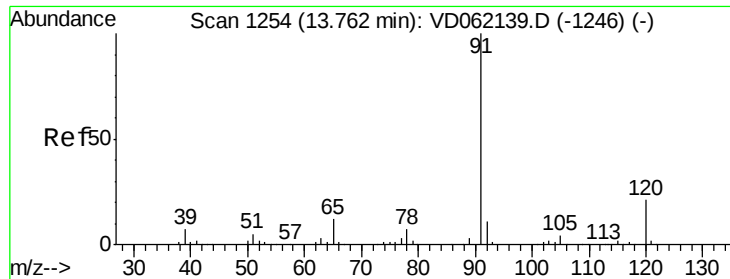
75 100

77 2.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#78

n-propylbenzene

Concen: 29.485 ug/l

RT: 13.78 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

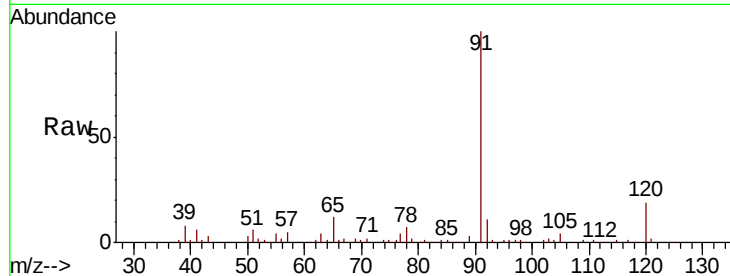
ClientSampleId :

Tot Ion: 91 Resp: 228071

Ion Ratio Lower Upper

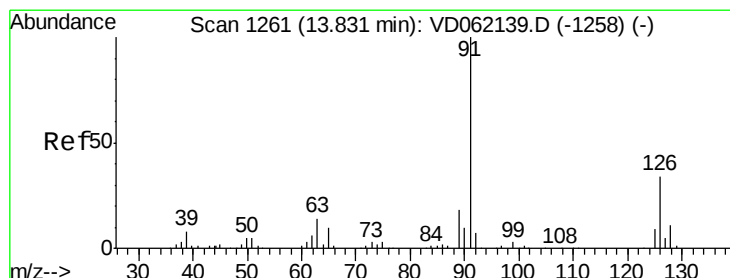
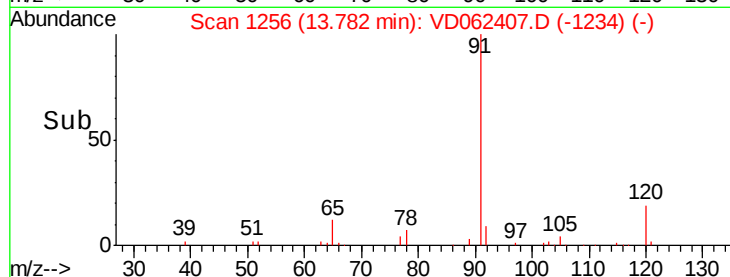
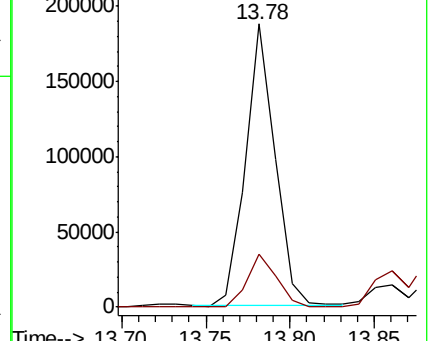
91 100

120 18.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 51.483 ug/l

RT: 13.78 min Scan# 1256

Delta R.T. -0.05 min

Lab File: VD062407.D

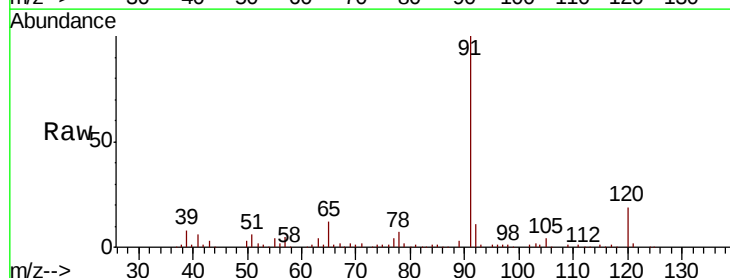
Acq: 16 May 2019 00:03

Tgt Ion: 91 Resp: 228071

Ion Ratio Lower Upper

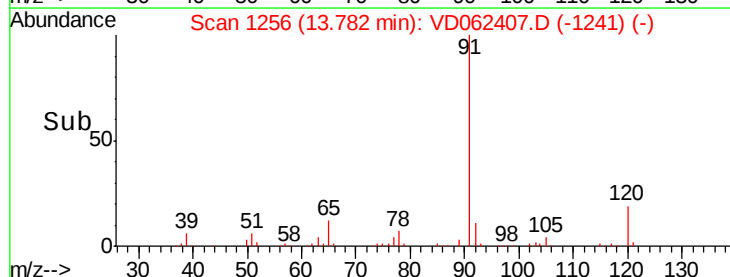
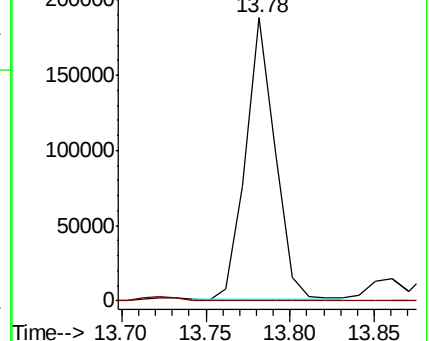
91 100

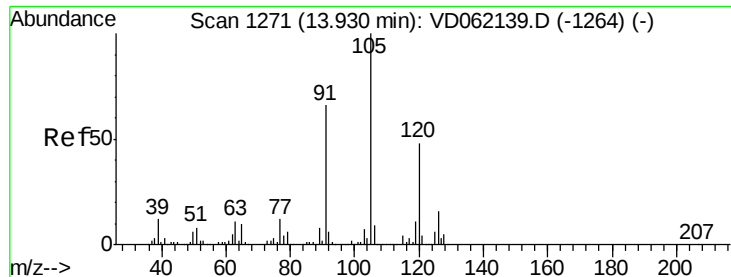
126 0.0 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

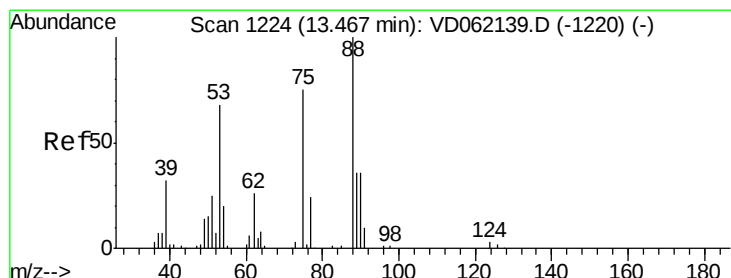
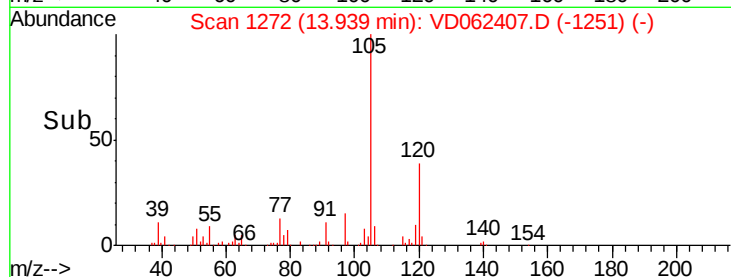
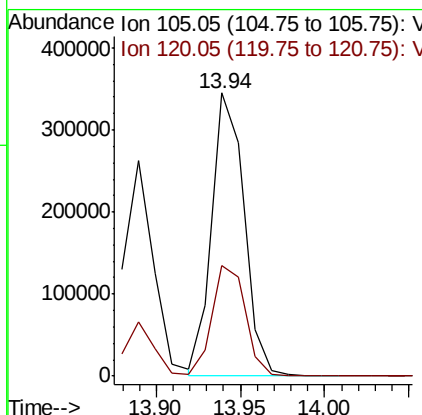
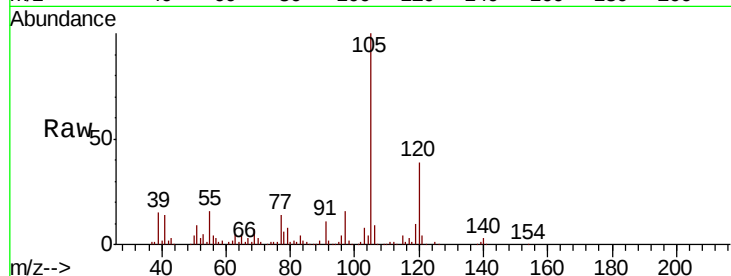




#80
 1,3,5-Trimethylbenzene
 Concen: 84.782 ug/l
 RT: 13.94 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VD062407.D
 Acq: 16 May 2019 00:03

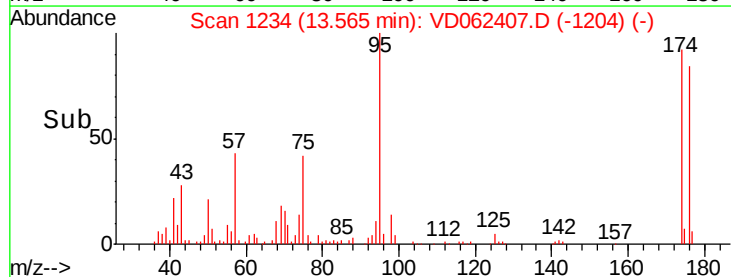
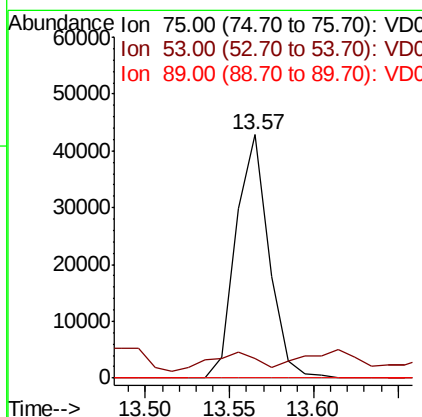
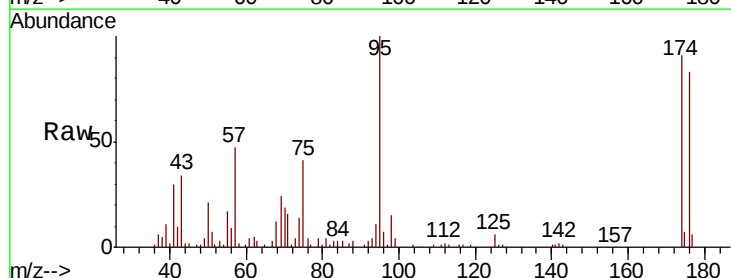
Instrument :
 MSVOA_D
 ClientSampleId :

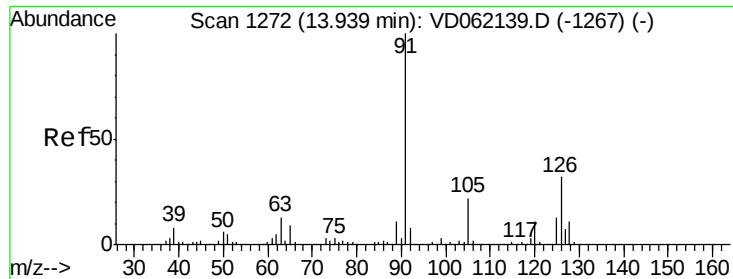
Tot Ion:105 Resp: 462943
 Ion Ratio Lower Upper
 105 100
 120 38.9 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.266 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.10 min
 Lab File: VD062407.D
 Acq: 16 May 2019 00:03

Tgt Ion: 75 Resp: 58165
 Ion Ratio Lower Upper
 75 100
 53 7.8 65.8 98.8#
 89 0.0 35.0 52.6#

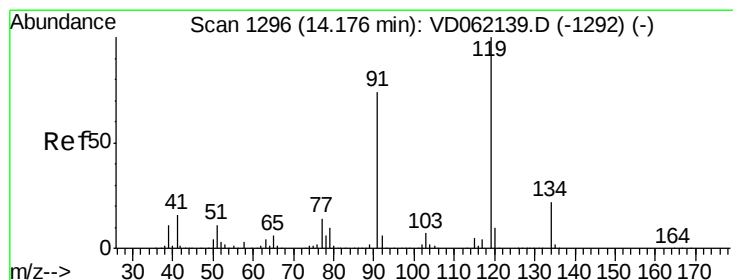
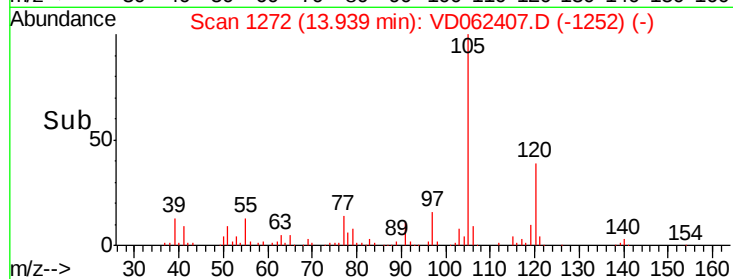
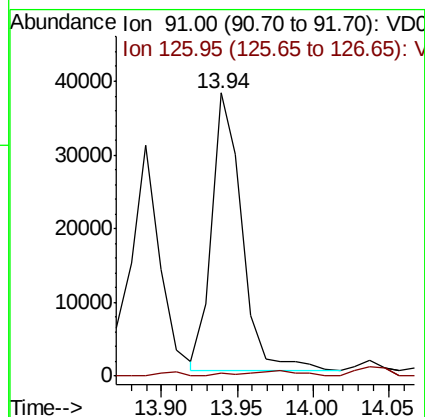
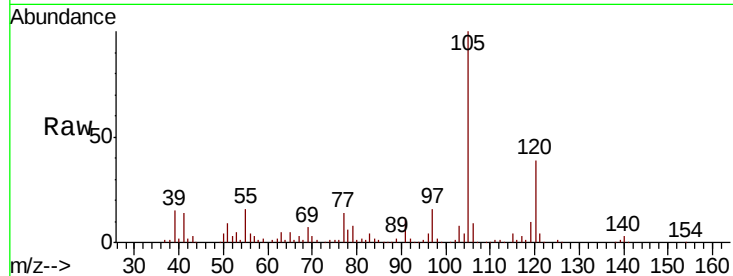




#82
4-Chlorotoluene
Concen: 9.965 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

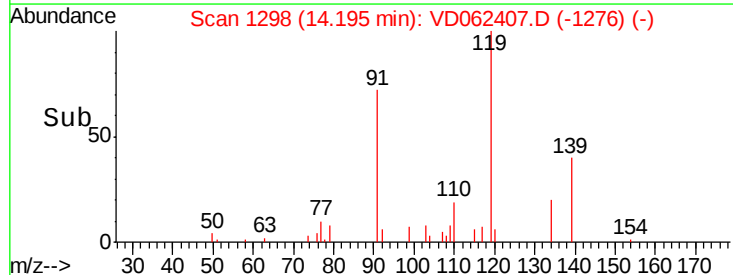
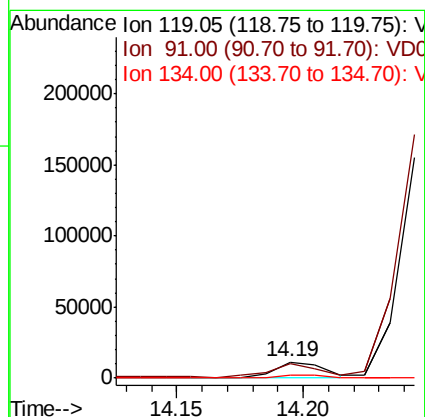
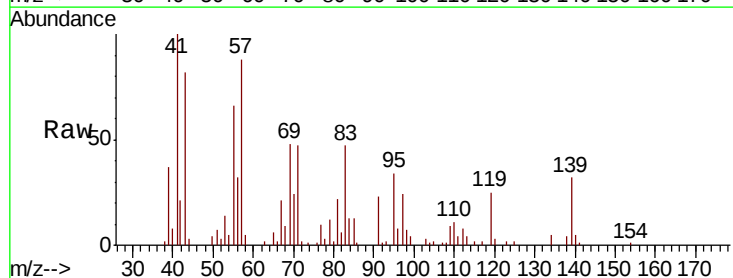
Instrument :
MSVOA_D
ClientSampleId :

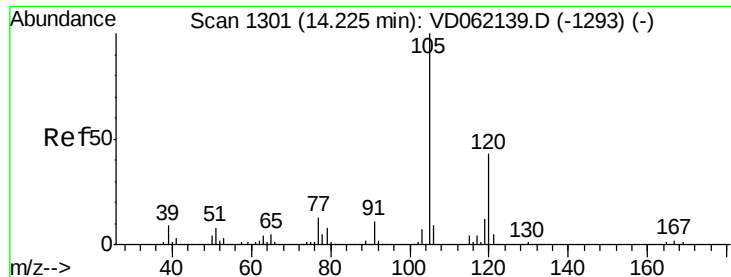
Tot Ion: 91 Resp: 51946
Ion Ratio Lower Upper
91 100
126 1.2 19.1 57.5#



#83
tert-Butylbenzene
Concen: 2.500 ug/l
RT: 14.19 min Scan# 1298
Delta R.T. 0.02 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion: 119 Resp: 15345
Ion Ratio Lower Upper
119 100
91 89.6 34.2 102.6
134 20.4 12.0 36.0

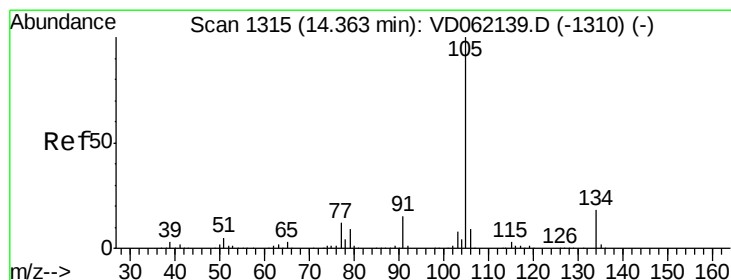
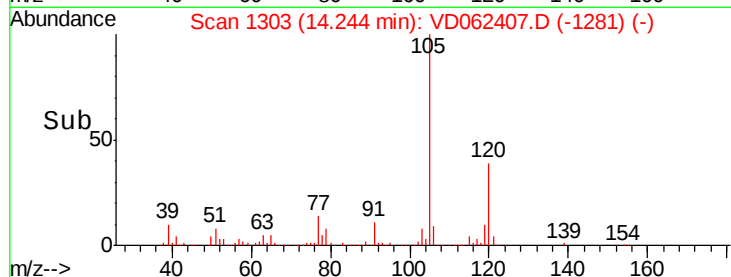
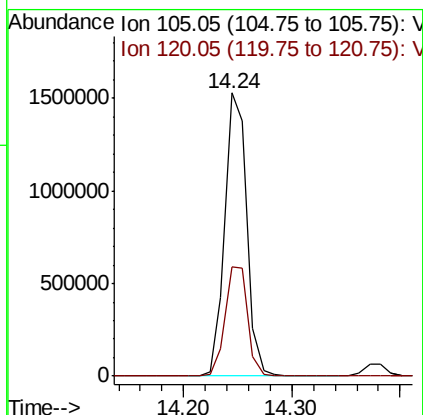
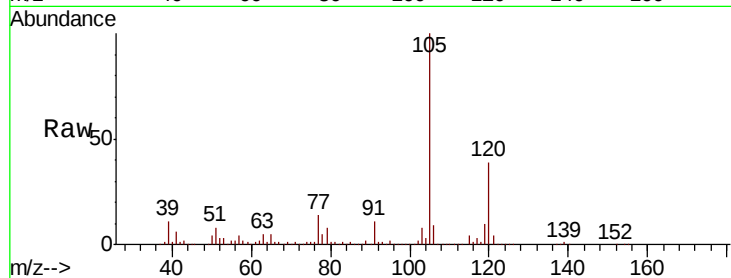




#84
1,2,4-Trimethylbenzene
Concen: 394.341 ug/l
RT: 14.24 min Scan# 1303
Delta R.T. 0.02 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

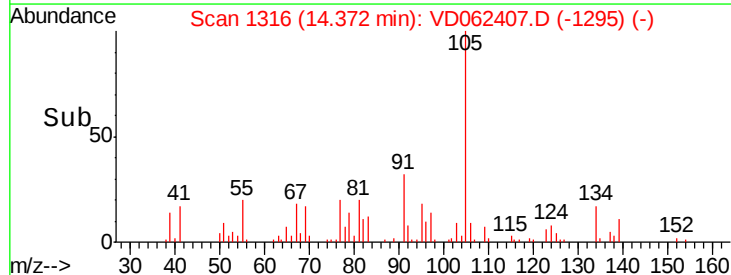
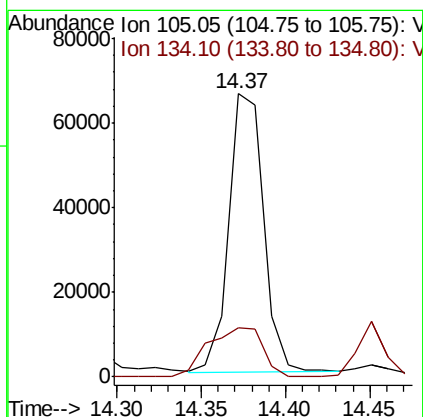
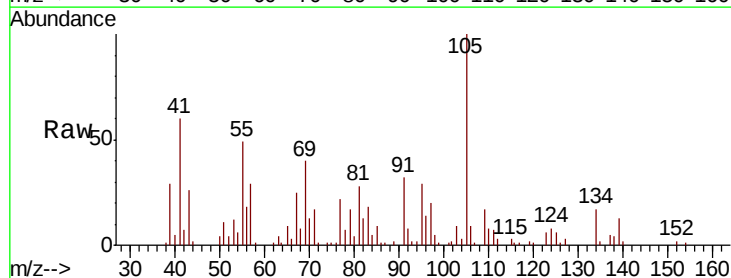
Instrument :
MSVOA_D
ClientSampleId :

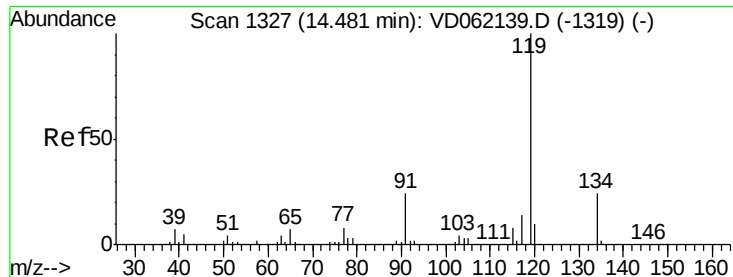
Tot Ion:105 Resp: 2160793
Ion Ratio Lower Upper
105 100
120 38.8 23.1 69.2



#85
sec-Butylbenzene
Concen: 14.077 ug/l
RT: 14.37 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion:105 Resp: 94726
Ion Ratio Lower Upper
105 100
134 17.2 8.9 26.7

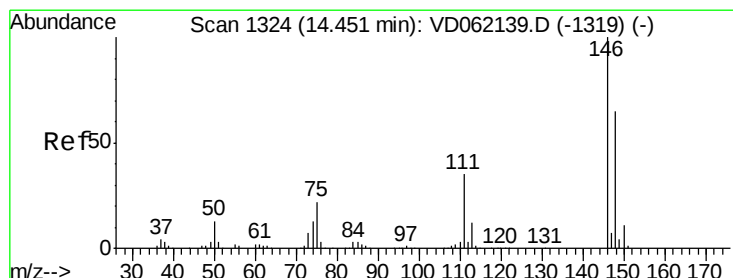
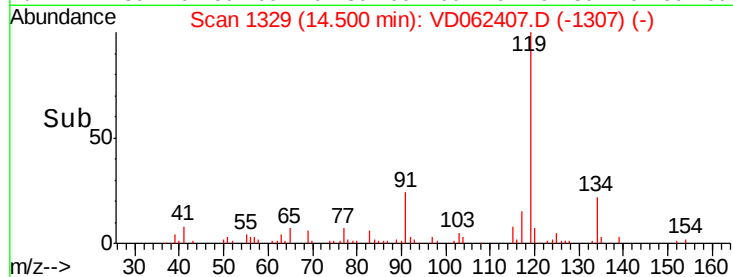
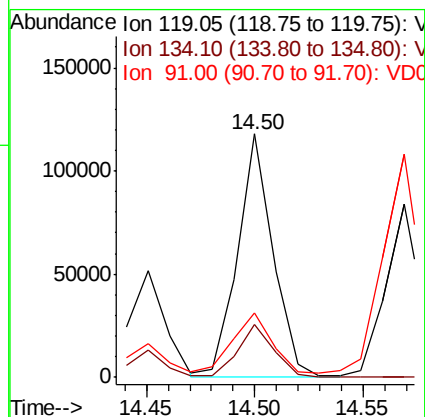
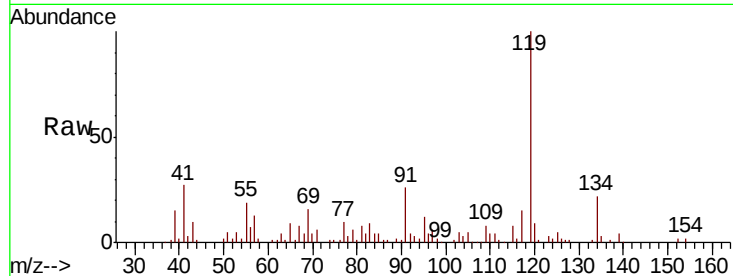




#86
 p-Isopropyltoluene
 Concen: 22.363 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.02 min
 Lab File: VD062407.D
 Acq: 16 May 2019 00:03

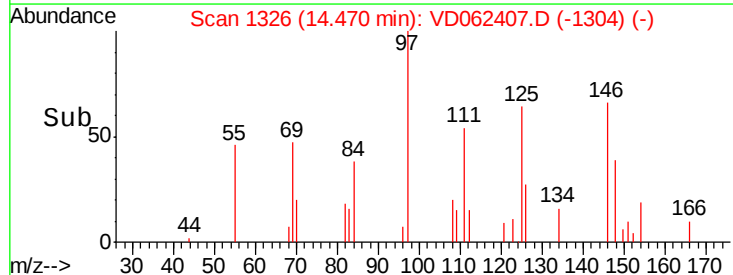
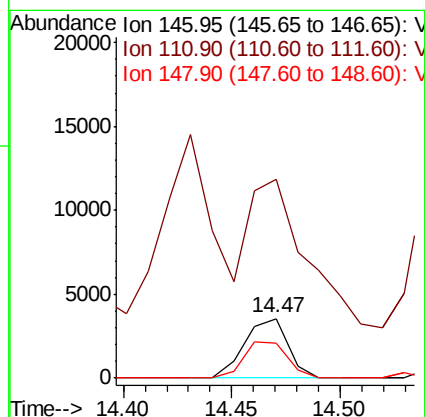
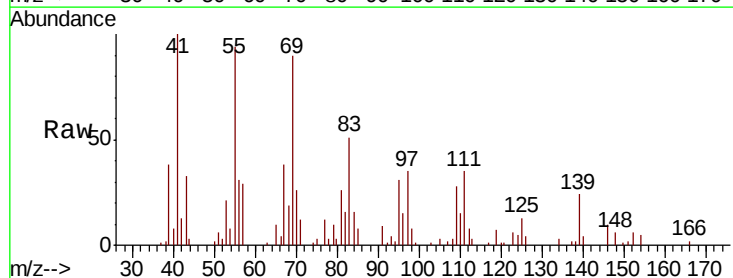
Instrument :
 MSVOA_D
 ClientSampleId :

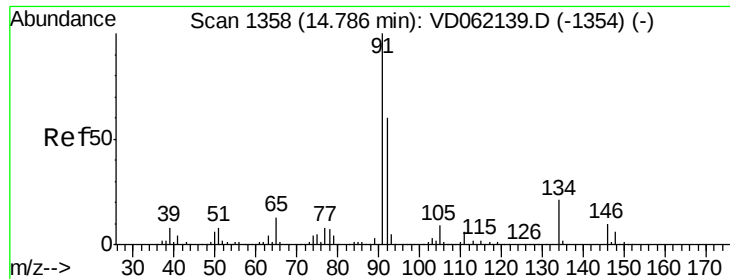
Tot Ion:119 Resp: 134449
 Ion Ratio Lower Upper
 119 100
 134 21.7 12.8 38.3
 91 26.5 10.7 32.1



#87
 1,3-Dichlorobenzene
 Concen: 1.482 ug/l
 RT: 14.47 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: VD062407.D
 Acq: 16 May 2019 00:03

Tgt Ion:146 Resp: 4915
 Ion Ratio Lower Upper
 146 100
 111 334.4 20.0 60.0#
 148 58.9 31.8 95.4





#89

n-Butylbenzene

Concen: 93.784 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD062407.D

Acq: 16 May 2019 00:03

Instrument :

MSVOA_D

ClientSampleId :

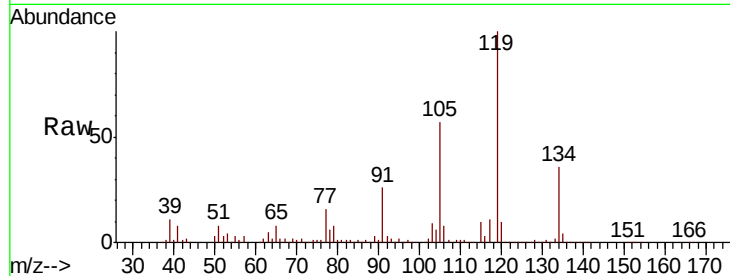
Tot Ion: 91 Resp: 506084

Ion Ratio Lower Upper

91 100

92 11.8 30.3 91.0#

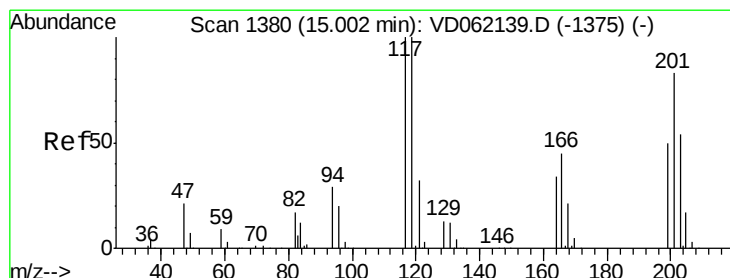
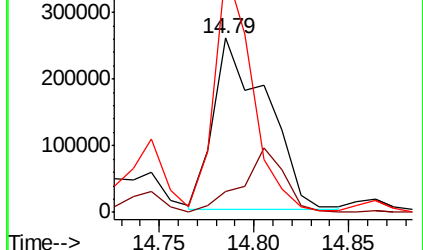
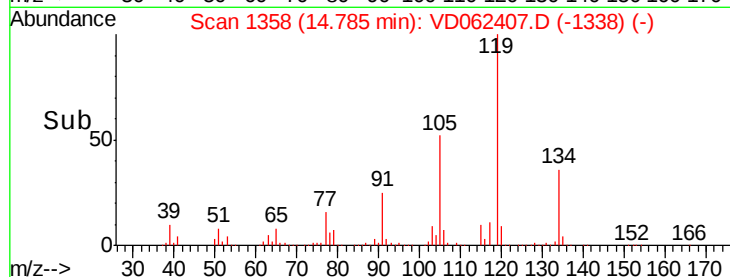
134 139.9 14.5 43.6#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 61.082 ug/l

RT: 14.99 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062407.D

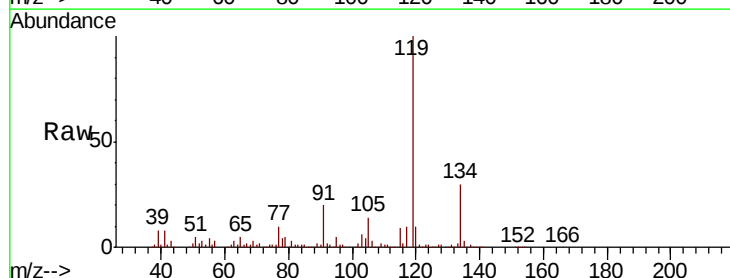
Acq: 16 May 2019 00:03

Tgt Ion: 117 Resp: 99867

Ion Ratio Lower Upper

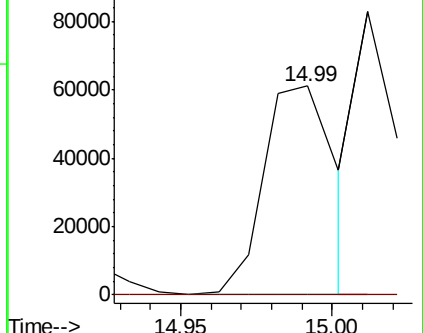
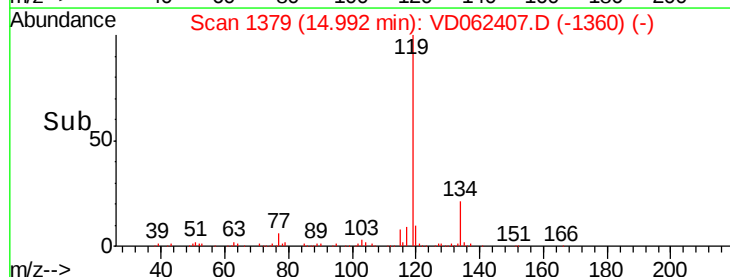
117 100

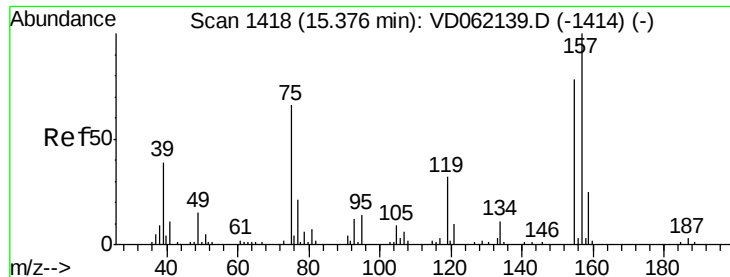
201 0.0 30.2 90.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

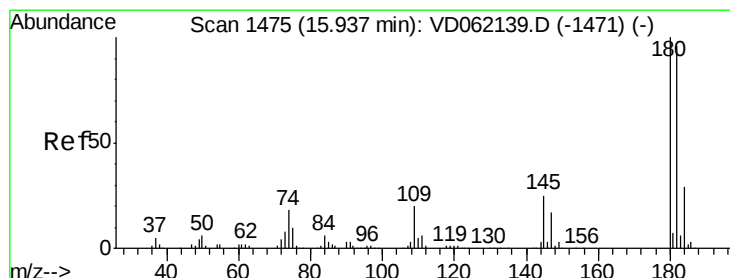
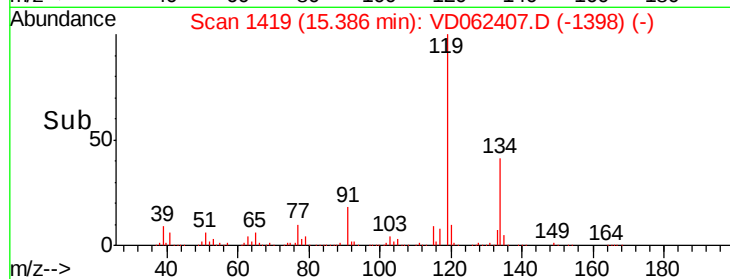
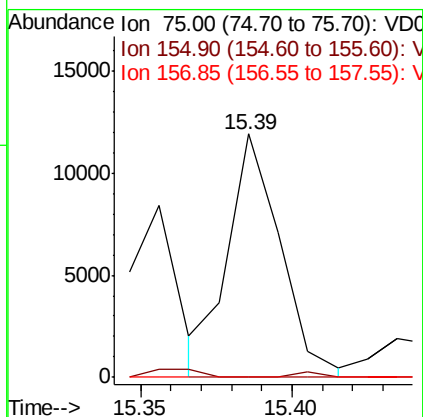
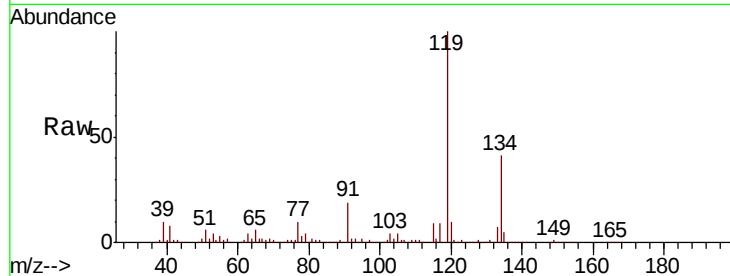




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.699 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VD062407.D
 Acq: 16 May 2019 00:03

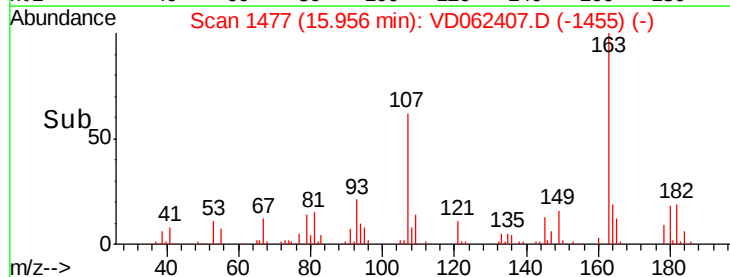
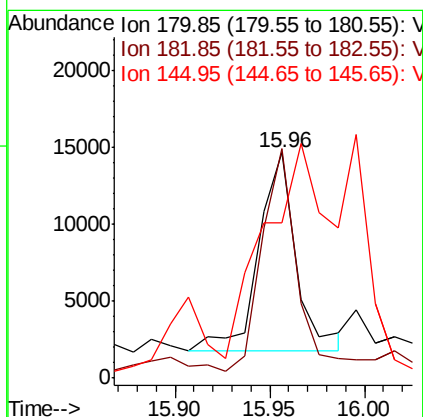
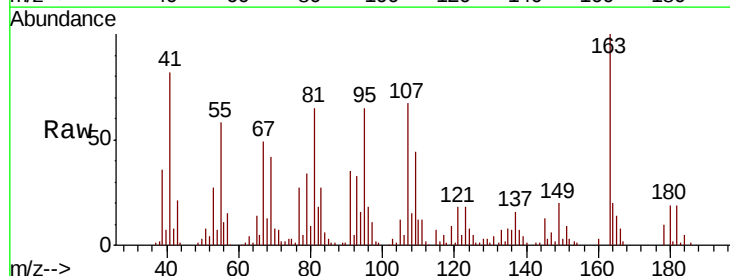
Instrument :
 MSVOA_D
 ClientSampleId :

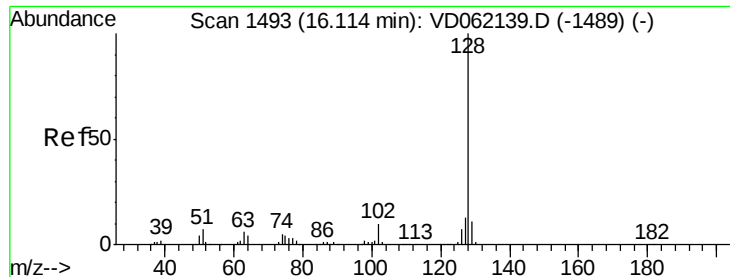
Tot Ion: 75 Resp: 14448
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.3 165.8#
 157 0.0 67.8 203.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 9.078 ug/l
 RT: 15.96 min Scan# 1477
 Delta R.T. 0.02 min
 Lab File: VD062407.D
 Acq: 16 May 2019 00:03

Tgt Ion:180 Resp: 18045
 Ion Ratio Lower Upper
 180 100
 182 101.5 49.3 147.8
 145 69.0 16.2 48.6#

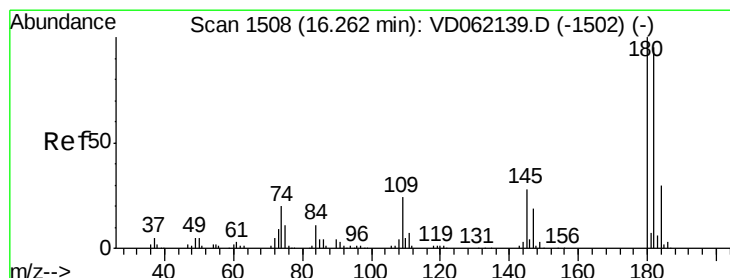
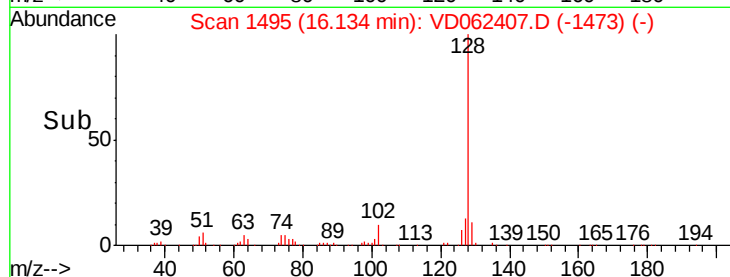
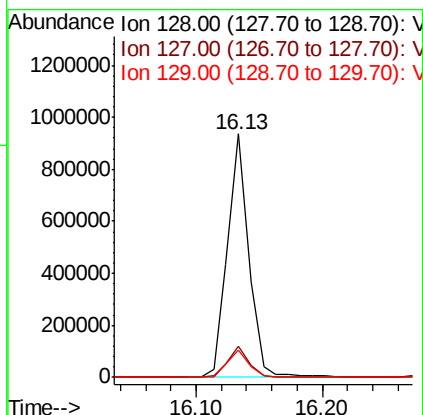
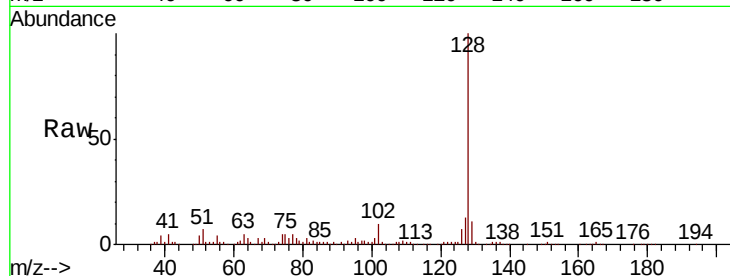




#95
Naphthalene
Concen: 391.324 ug/l
RT: 16.13 min Scan# 1495
Delta R.T. 0.02 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 1085962
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.037 ug/l
RT: 16.26 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062407.D
Acq: 16 May 2019 00:03

Tgt Ion:180 Resp: 6295
Ion Ratio Lower Upper
180 100
182 9.4 47.0 141.0#
145 37.4 17.0 51.0

