

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062485.D
 Acq On : 21 May 2019 17:04
 Operator : VA/AP
 Sample : K2896-06RE
 Misc : 4.41g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 22 01:44:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	482302	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	555354	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	311103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	74812	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	161074	31.20	ug/l	0.00
Spiked Amount			Recovery	=	62.40%	
35) Dibromofluoromethane	6.93	113	171783	34.29	ug/l	-0.02
Spiked Amount			Recovery	=	68.58%	
50) Toluene-d8	10.41	98	322918	29.45	ug/l	-0.02
Spiked Amount			Recovery	=	58.90%	
62) 4-Bromofluorobenzene	13.55	95	84519	17.62	ug/l	-0.02
Spiked Amount			Recovery	=	35.24%	

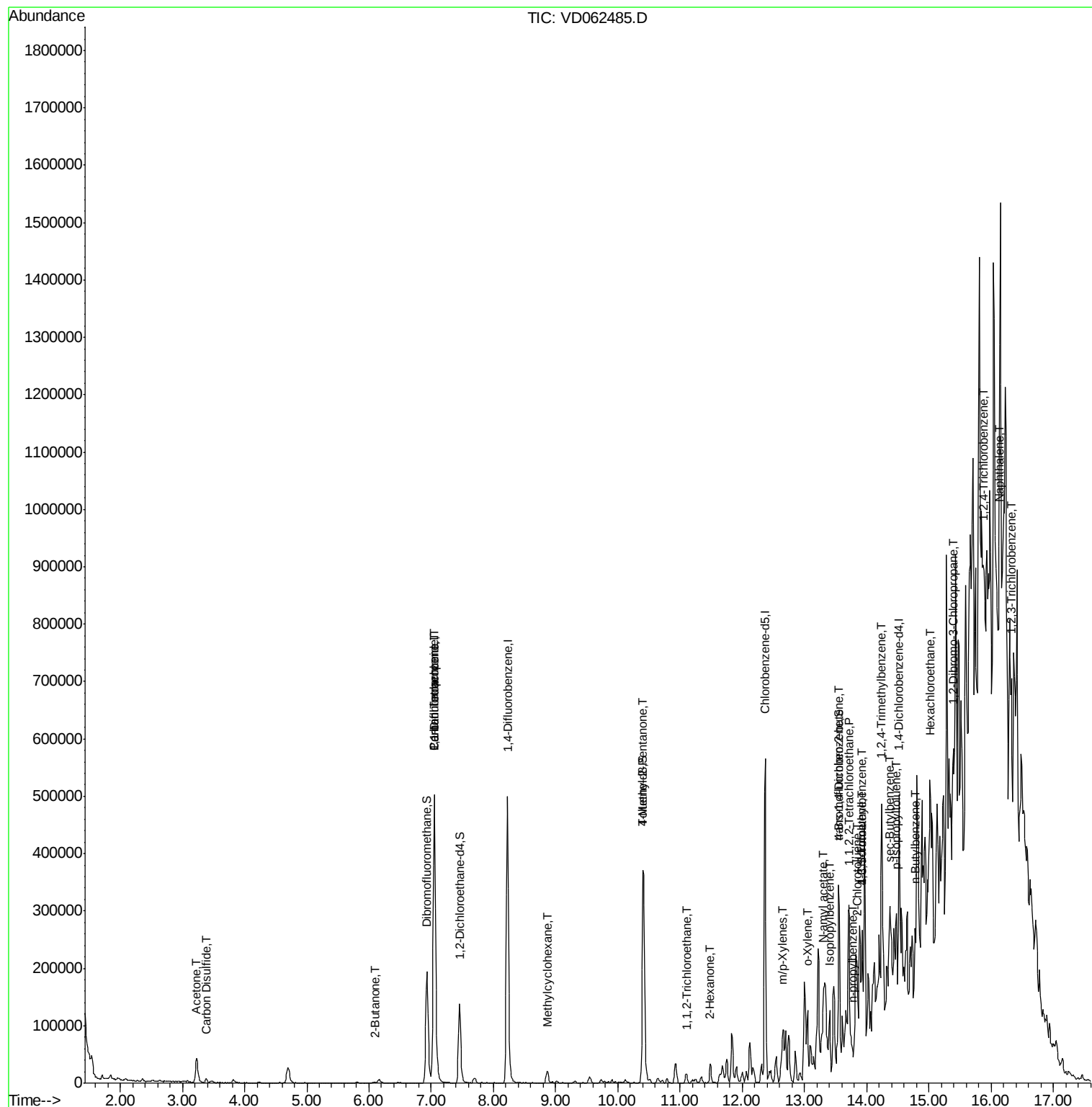
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	261	Below Cal	#	42
16) Acetone	3.23	43	90095	97.384	ug/l #	89
17) Carbon Disulfide	3.38	76	11699	1.082	ug/l #	95
20) Methylene Chloride	3.82	84	2580	Below Cal	#	90
25) 2-Butanone	6.09	43	1936	2.001	ug/l #	56
36) 1,1-Dichloropropene	7.06	75	36010	6.782	ug/l #	45
38) Carbon Tetrachloride	7.05	117	50014	6.338	ug/l #	14
39) Methylcyclohexane	8.88	83	12006	2.742	ug/l #	83
51) 4-Methyl-2-Pentanone	10.40	43	3953	2.187	ug/l #	14
55) 1,1,2-Trichloroethane	11.10	97	8850	3.662	ug/l #	16
59) 2-Hexanone	11.48	43	14299	10.884	ug/l #	27
68) m/p-Xylenes	12.66	106	16900	4.569	ug/l	94
69) o-Xylene	13.05	106	13729	3.934	ug/l	88
73) Isopropylbenzene	13.40	105	14746	3.127	ug/l	85
74) N-amyl acetate	13.29	43	19855	17.047	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	13.71	83	22123	26.004	ug/l #	47
78) n-propylbenzene	13.78	91	8701	1.593	ug/l	96
79) 2-Chlorotoluene	13.85	91	6374	1.923	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.93	105	54021	13.230	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.55	75	35064	141.090	ug/l #	20
82) 4-Chlorotoluene	13.93	91	6977	1.828	ug/l #	37
84) 1,2,4-Trimethylbenzene	14.24	105	114339	27.329	ug/l	92
85) sec-Butylbenzene	14.37	105	16356	3.463	ug/l	99
86) p-Isopropyltoluene	14.49	119	13104	3.062	ug/l #	72
89) n-Butylbenzene	14.78	91	16603	4.020	ug/l #	1
90) Hexachloroethane	15.01	117	4127	3.489	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	15.38	75	504	3.121	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.88	180	2662	1.683	ug/l	86
95) Naphthalene	16.12	128	10448	4.834	ug/l #	44
96) 1,2,3-Trichlorobenzene	16.34	180	2343	1.807	ug/l	60

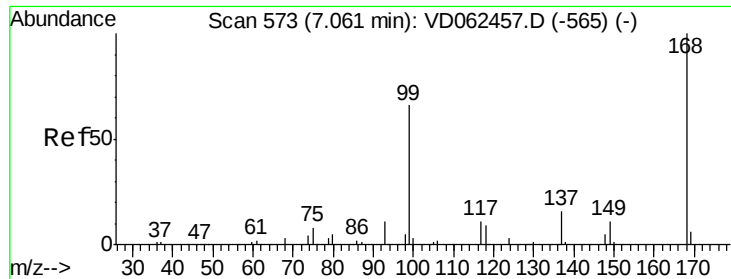
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

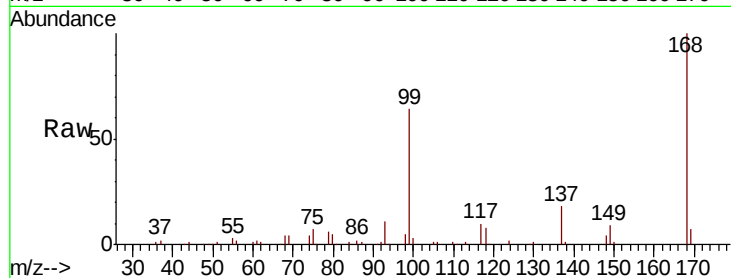
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 482302

Ion Ratio Lower Upper

168 100

99 63.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

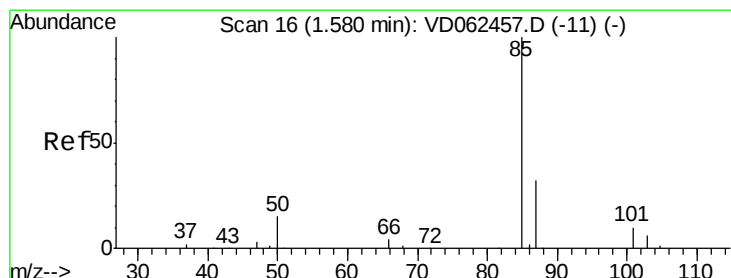
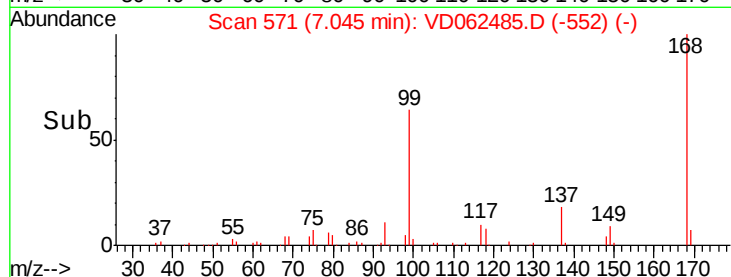
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD062485.D

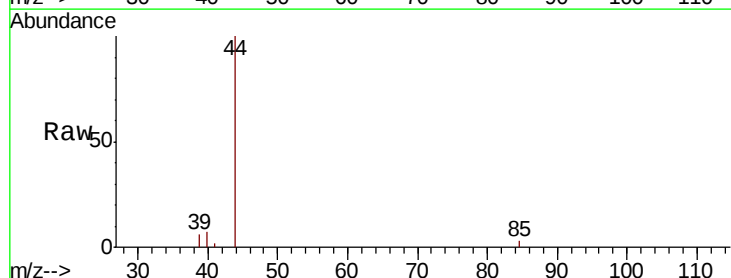
Acq: 21 May 2019 17:04

Tgt Ion: 85 Resp: 261

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

500

400

300

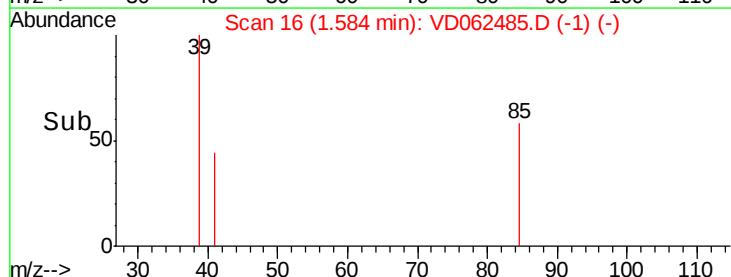
200

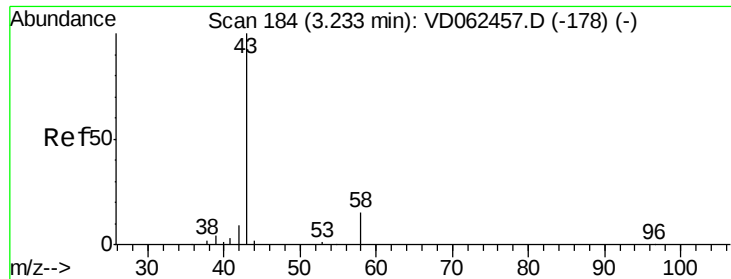
100

0

1.56 1.58 1.60

Time-->





#16

Acetone

Concen: 97.384 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

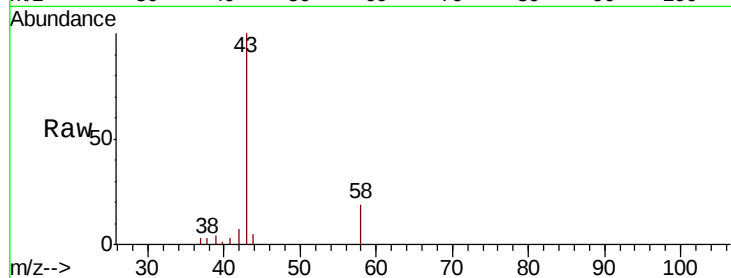
ClientSampleId :

Tot Ion: 43 Resp: 90095

Ion Ratio Lower Upper

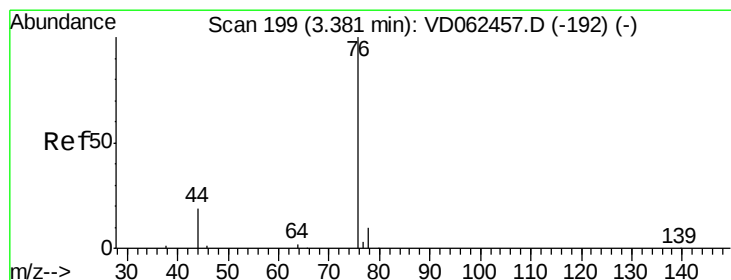
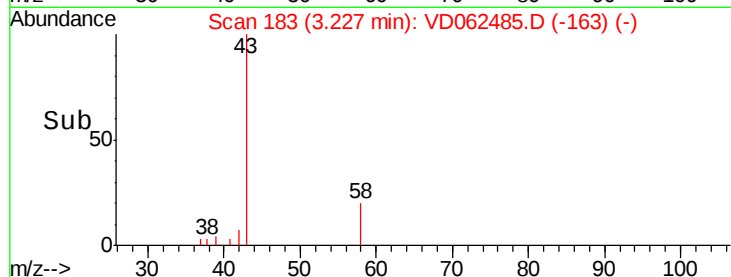
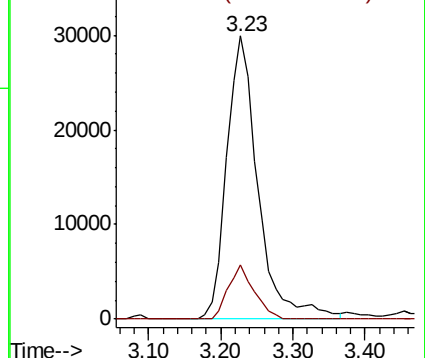
43 100

58 19.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 1.082 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.00 min

Lab File: VD062485.D

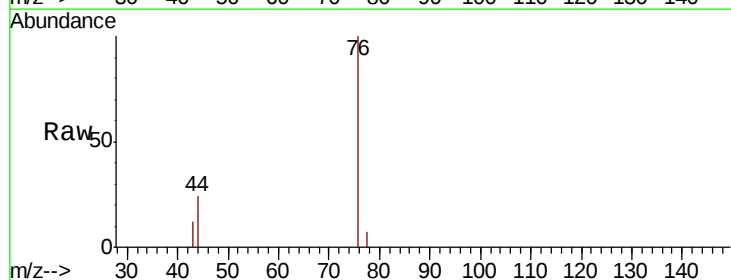
Acq: 21 May 2019 17:04

Tgt Ion: 76 Resp: 11699

Ion Ratio Lower Upper

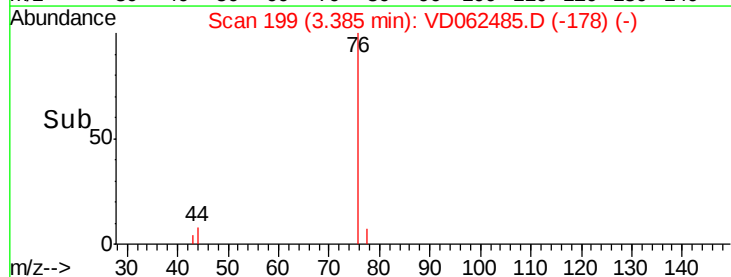
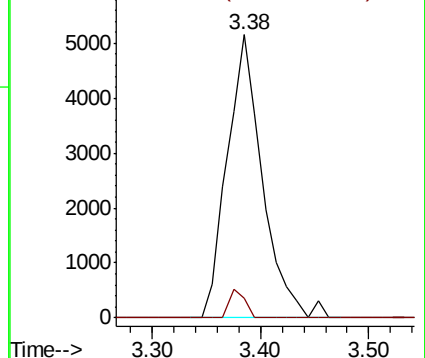
76 100

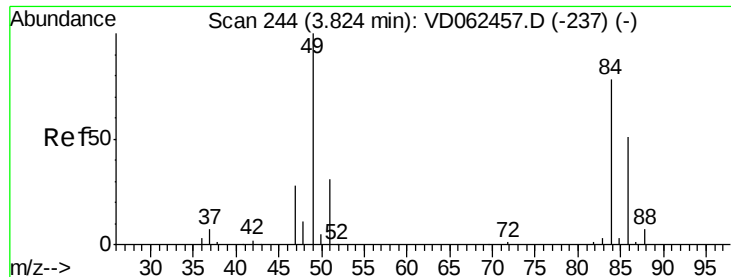
78 7.1 7.2 10.8#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

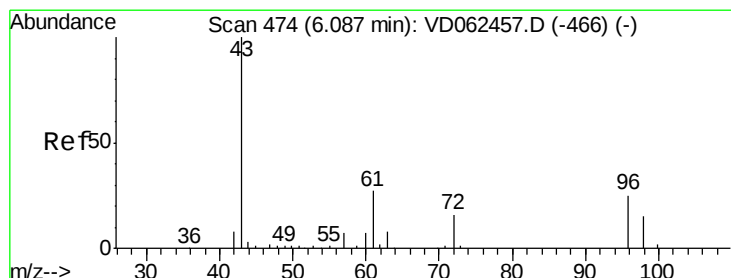
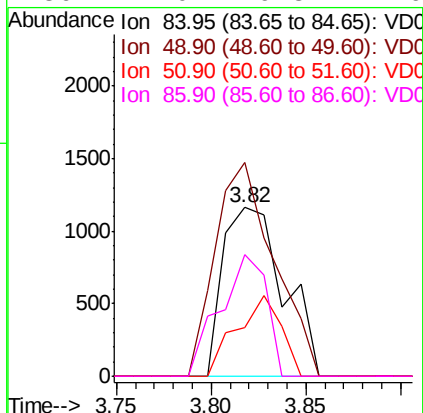
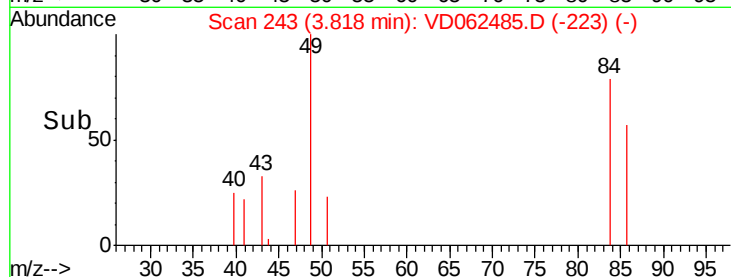
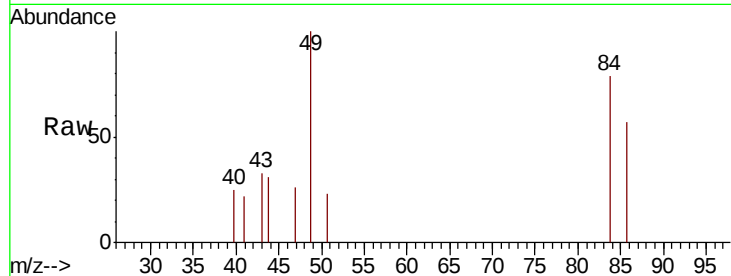




#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

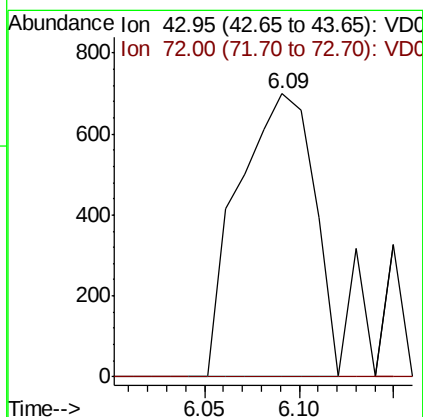
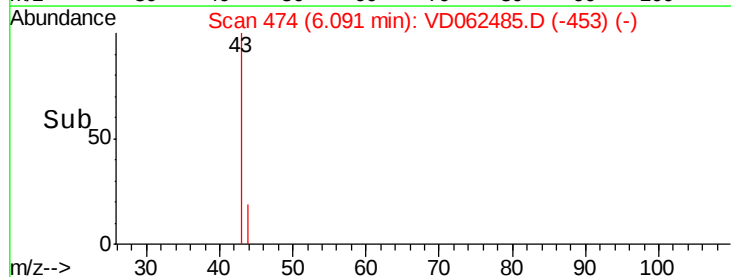
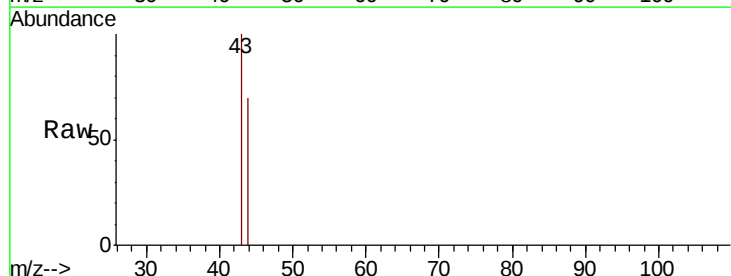
Instrument :
MSVOA_D
ClientSampled :

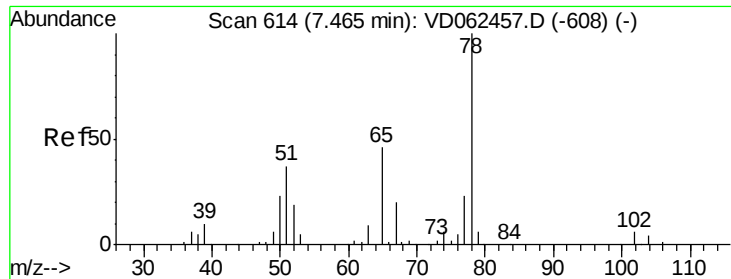
Tot Ion: 84 Resp: 2580
Ion Ratio Lower Upper
84 100
49 126.6 94.0 141.0
51 28.9 29.0 43.4#
86 72.0 49.8 74.6



#25
2-Butanone
Concen: 2.001 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 43 Resp: 1936
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#





#33

1,2-Dichloroethane-d4

Concen: 31.199 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

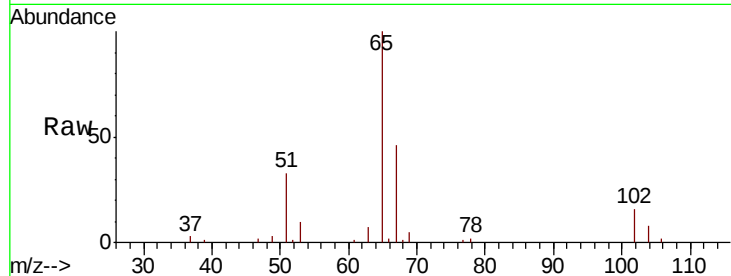
ClientSampleId :

Tot Ion: 65 Resp: 161074

Ion Ratio Lower Upper

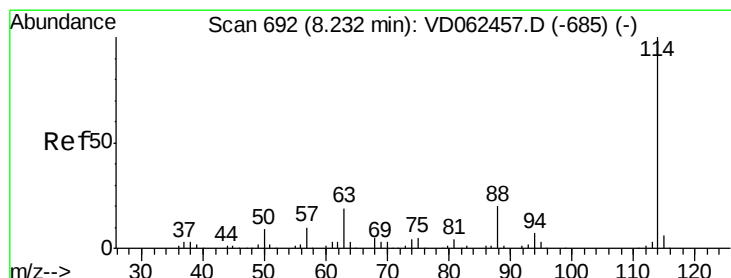
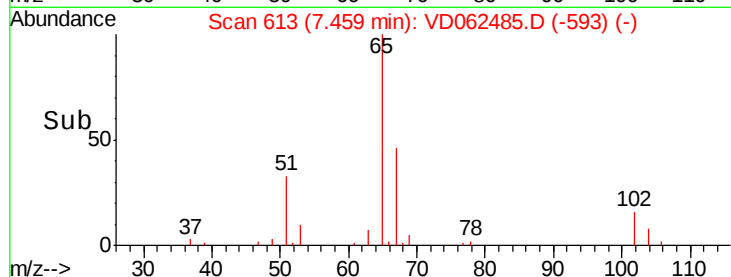
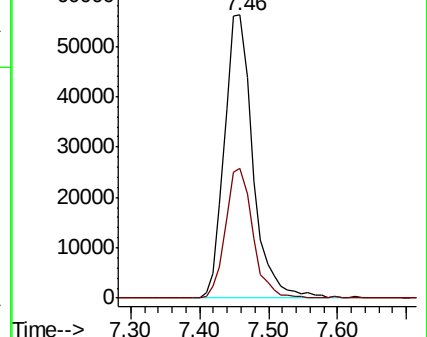
65 100

67 45.7 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# 691

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

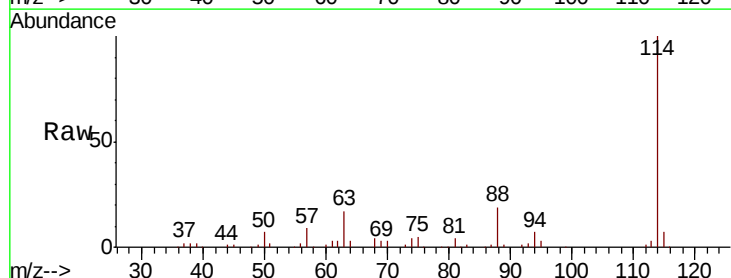
Tgt Ion: 114 Resp: 555354

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

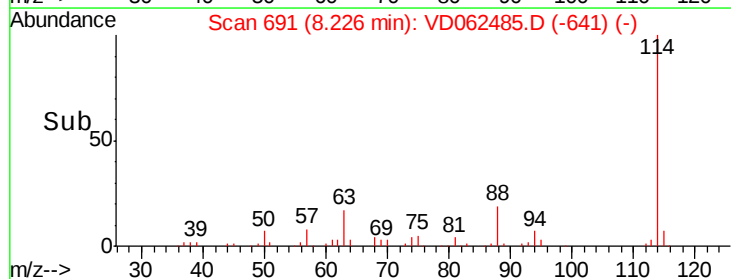
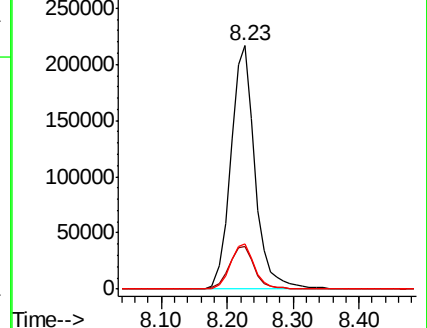
88 18.6 0.0 33.6

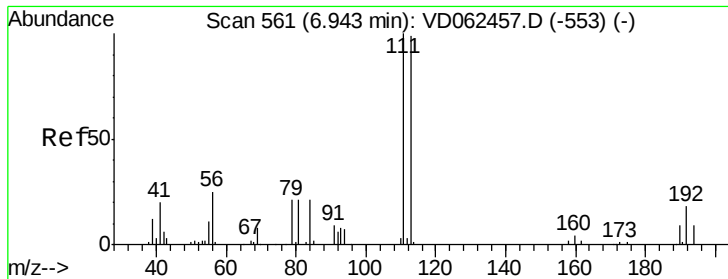


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 34.288 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.02 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

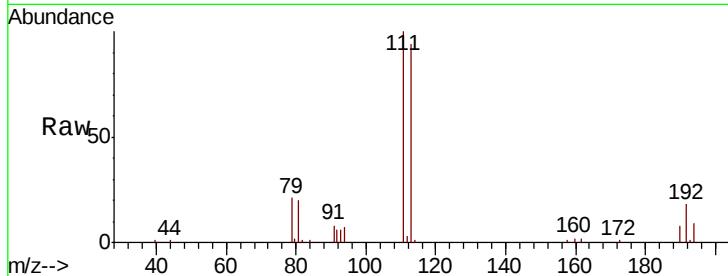
Tot Ion:113 Resp: 171783

Ion Ratio Lower Upper

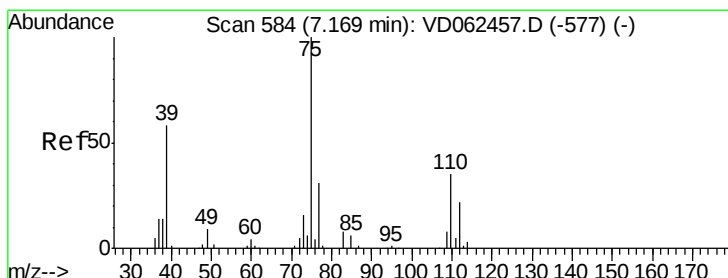
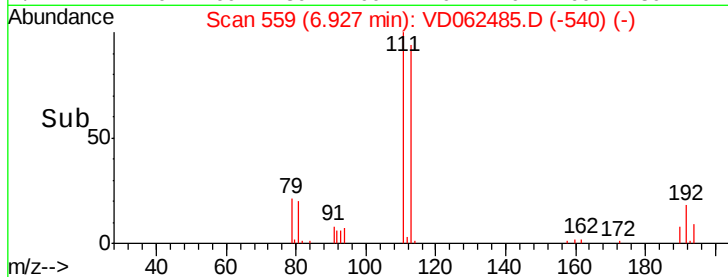
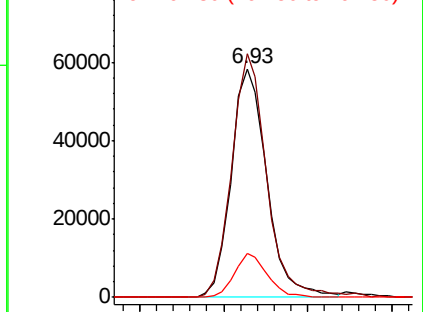
113 100

111 106.6 78.5 117.7

192 19.1 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: 6.782 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.11 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

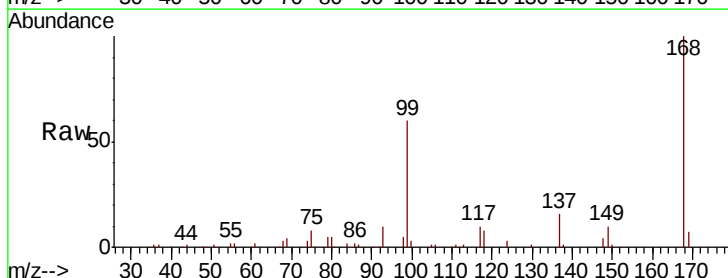
Tgt Ion: 75 Resp: 36010

Ion Ratio Lower Upper

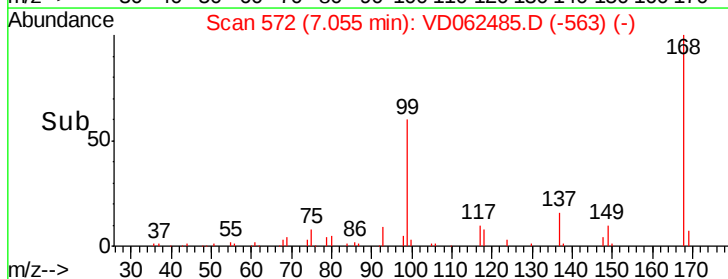
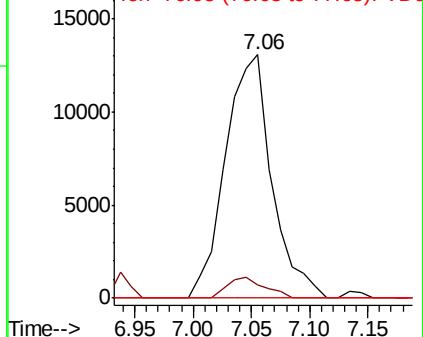
75 100

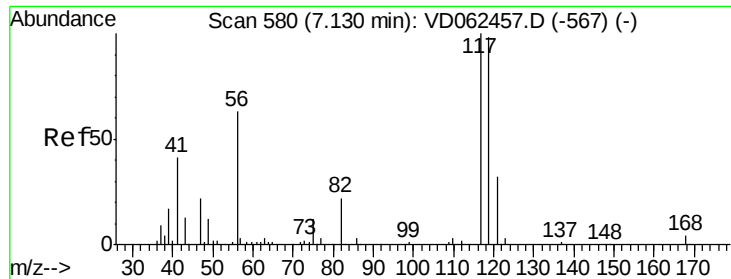
110 5.6 19.1 57.1#

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

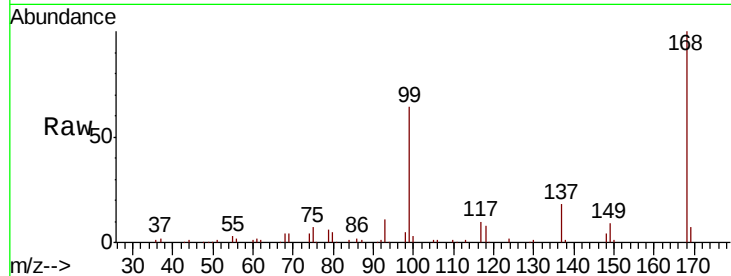




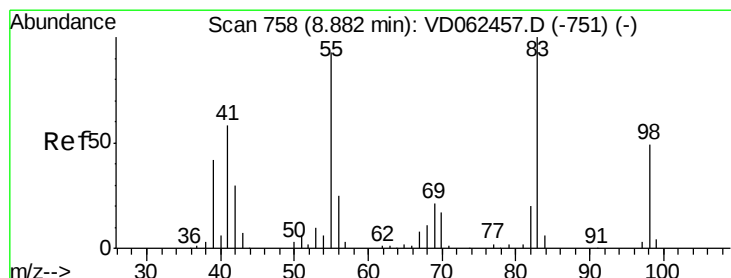
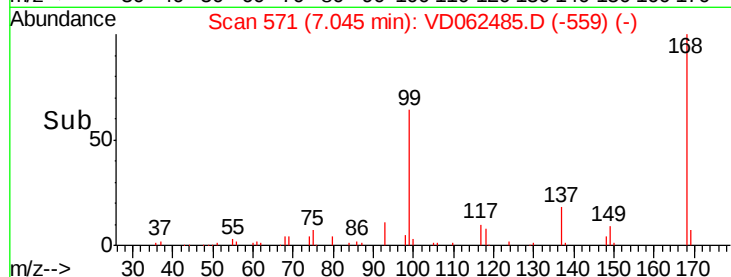
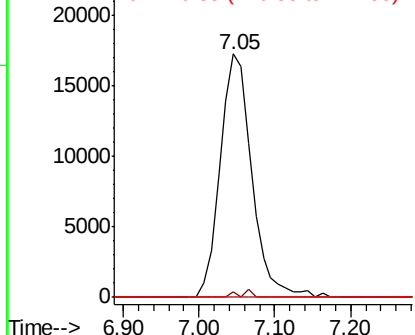
#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 50014
Ion Ratio Lower Upper
117 100
119 2.5 75.8 113.8#
121 0.0 25.9 38.9#

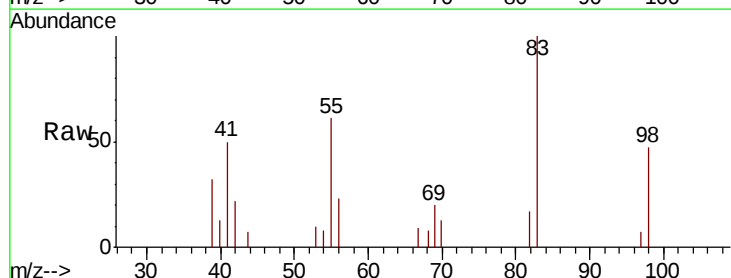


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

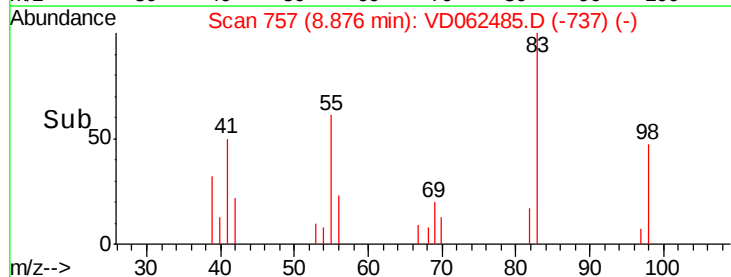
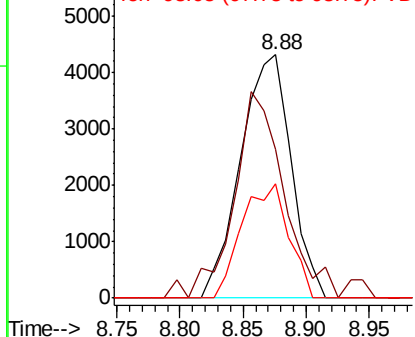


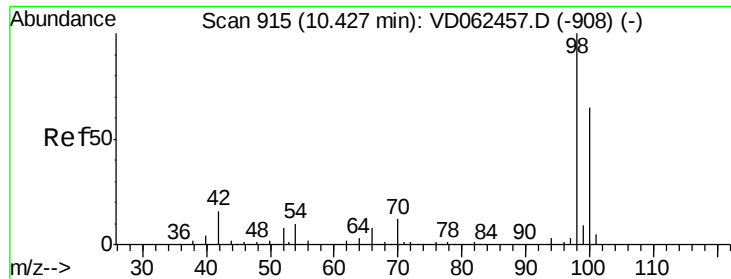
#39
Methylcyclohexane
Concen: 2.742 ug/l
RT: 8.88 min Scan# 757
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 83 Resp: 12006
Ion Ratio Lower Upper
83 100
55 61.3 68.2 102.4#
98 47.2 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

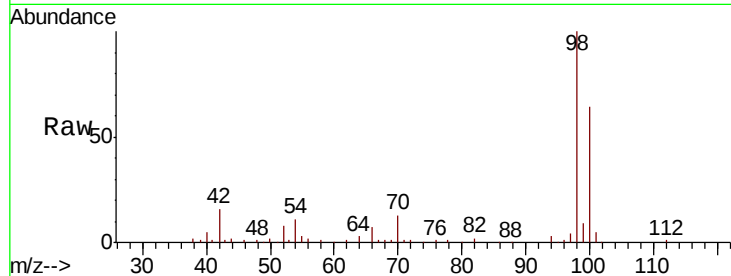




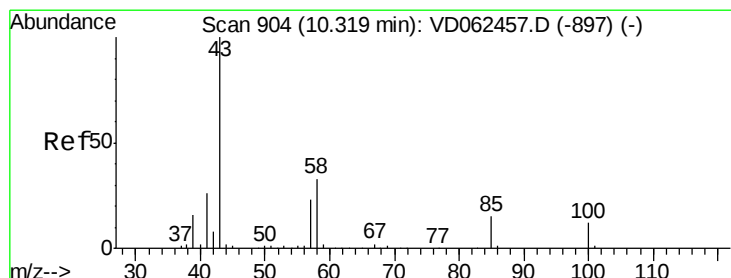
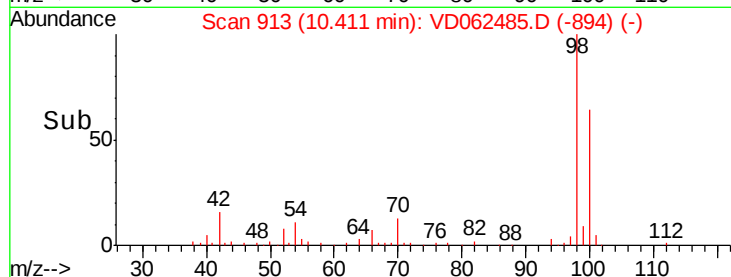
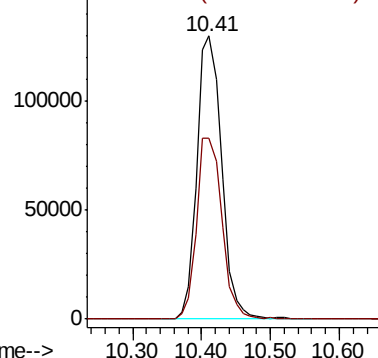
#50
Toluene-d8
Concen: 29.453 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.02 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 322918
Ion Ratio Lower Upper
98 100
100 63.8 53.8 80.8

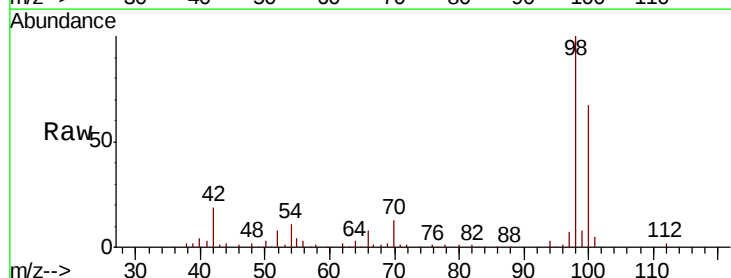


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

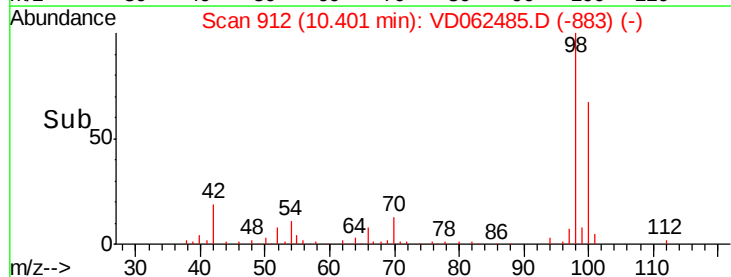
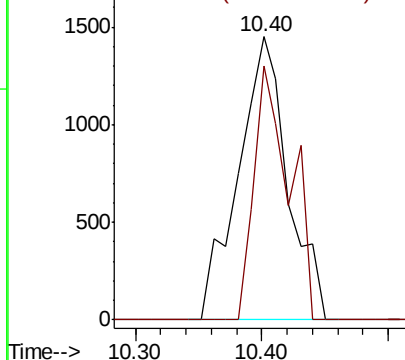


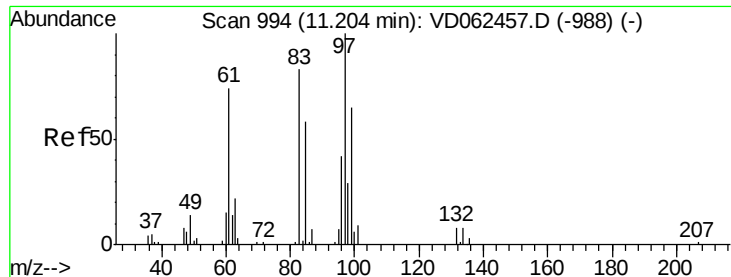
#51
4-Methyl-2-Pentanone
Concen: 2.187 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.08 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 43 Resp: 3953
Ion Ratio Lower Upper
43 100
58 89.7 30.4 45.6#



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

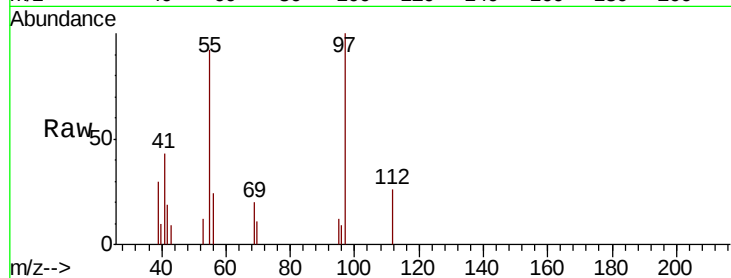




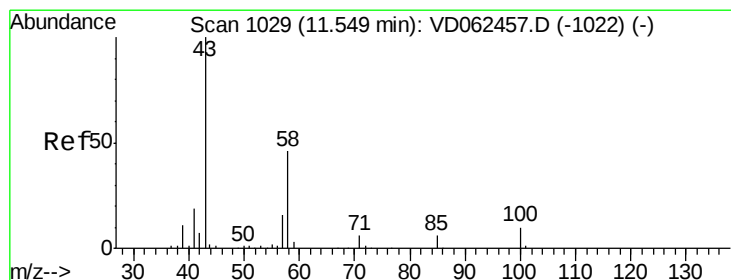
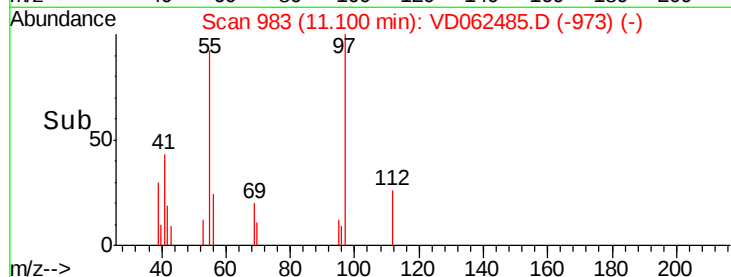
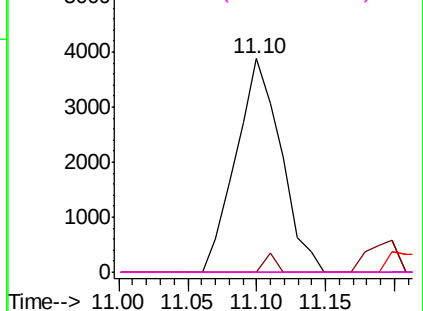
#55
 1,1,2-Trichloroethane
 Concen: 3.662 ug/l
 RT: 11.10 min Scan# 983
 Delta R.T. -0.10 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 8850
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.7 98.5#
 85 0.0 45.6 68.4#
 99 0.0 48.4 72.6#

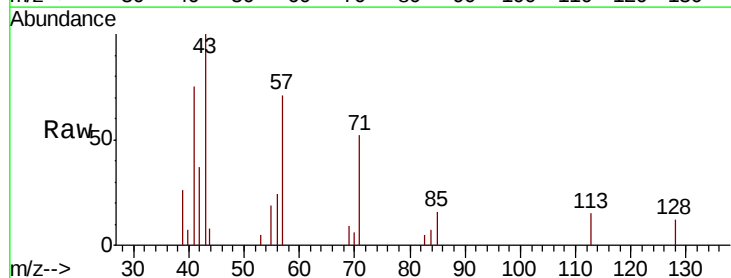


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

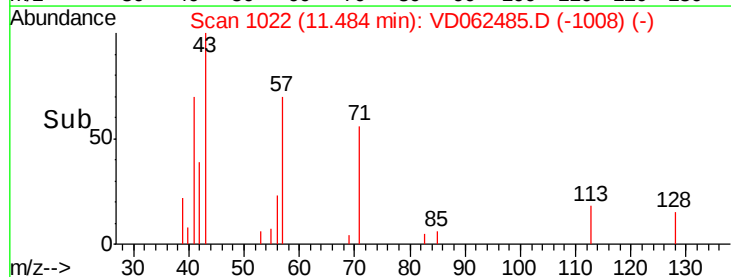
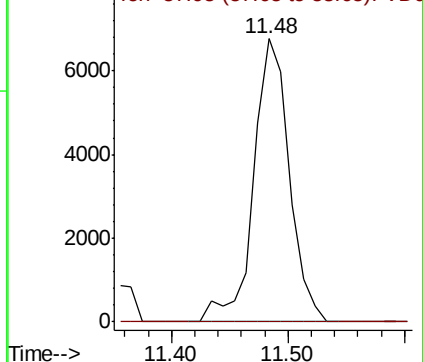


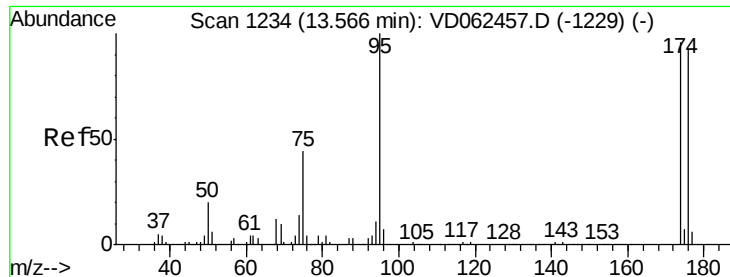
#59
 2-Hexanone
 Concen: 10.884 ug/l
 RT: 11.48 min Scan# 1022
 Delta R.T. -0.06 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Tgt Ion: 43 Resp: 14299
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.4 76.4#



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

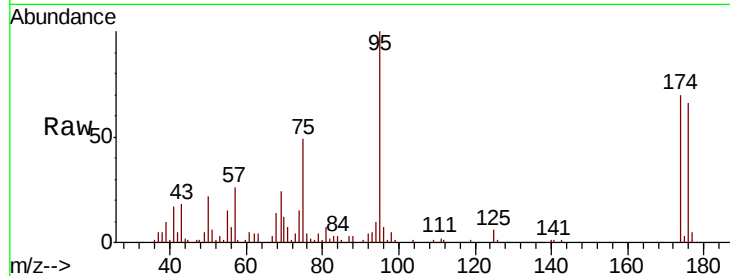




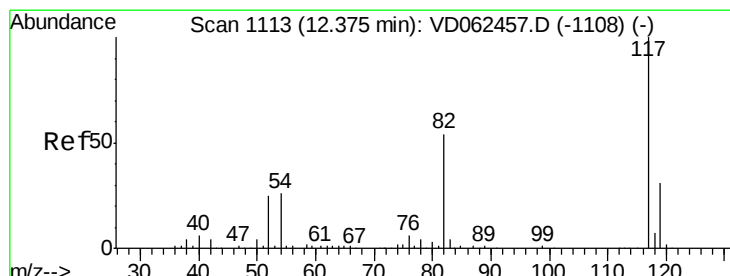
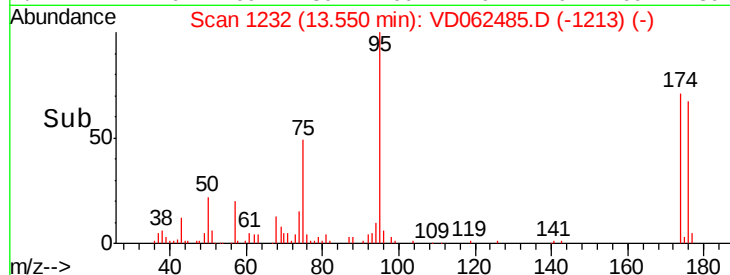
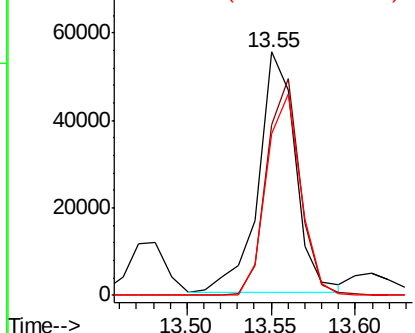
#62
4-Bromofluorobenzene
Concen: 17.623 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 84519
Ion Ratio Lower Upper
95 100
174 69.9 0.0 181.8
176 66.4 0.0 174.4

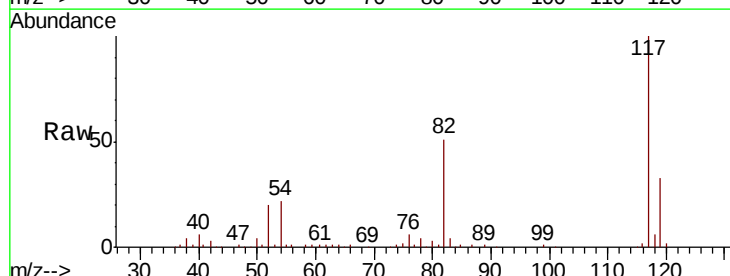


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

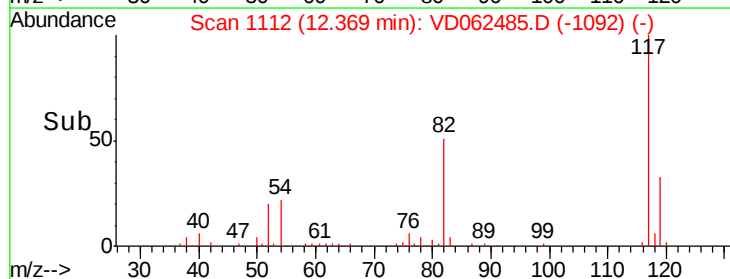
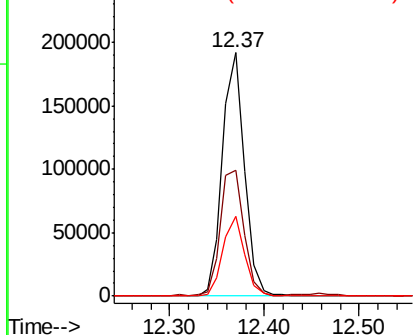


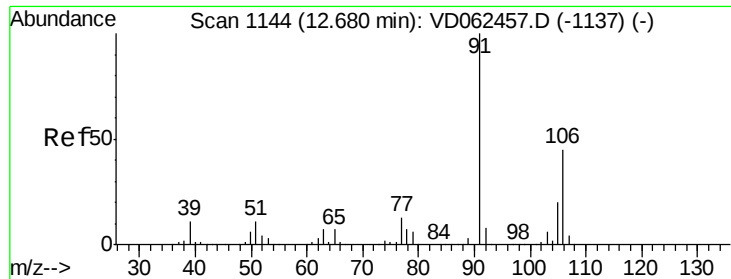
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 117 Resp: 311103
Ion Ratio Lower Upper
117 100
82 51.5 36.2 54.2
119 32.9 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

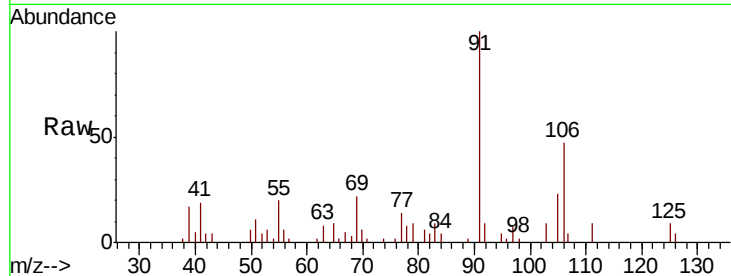




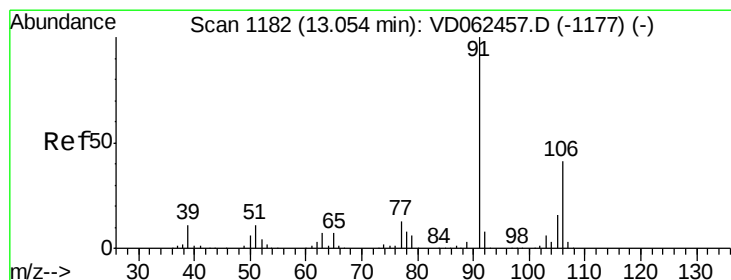
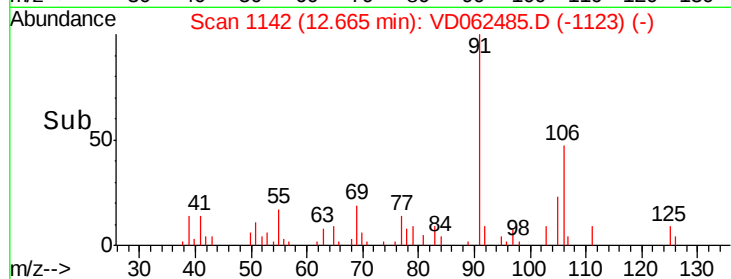
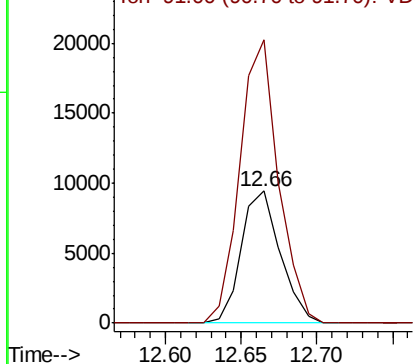
#68
m/p-Xylenes
Concen: 4.569 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 16900
Ion Ratio Lower Upper
106 100
91 214.9 164.0 246.0

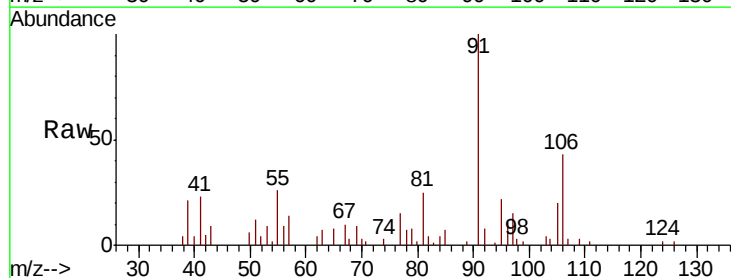


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

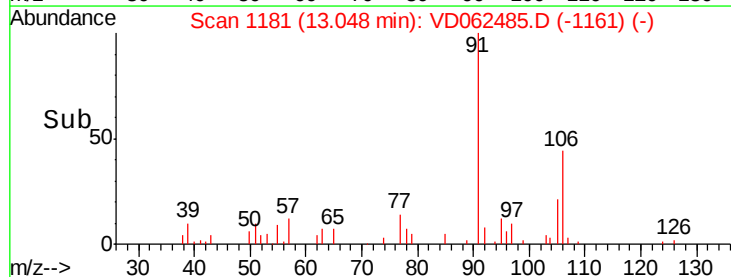
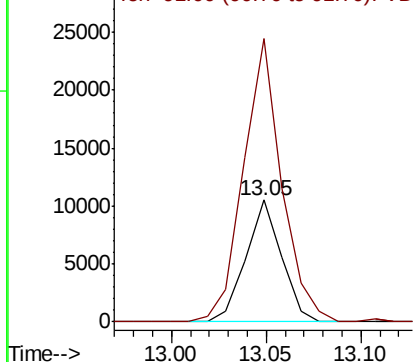


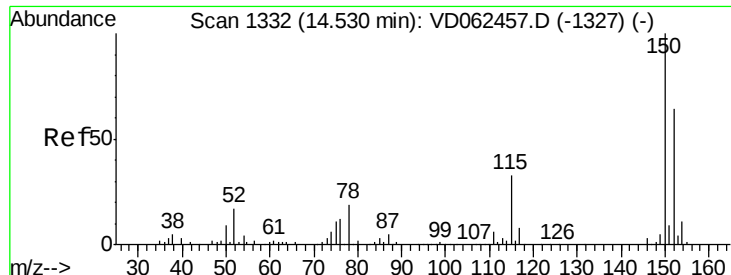
#69
o-Xylene
Concen: 3.934 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion:106 Resp: 13729
Ion Ratio Lower Upper
106 100
91 232.0 106.7 319.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.02 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampled :

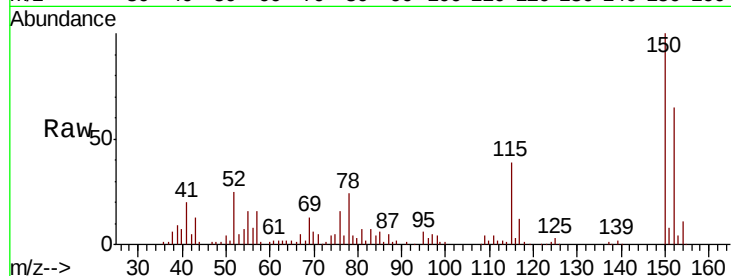
Tot Ion:152 Resp: 74812

Ion Ratio Lower Upper

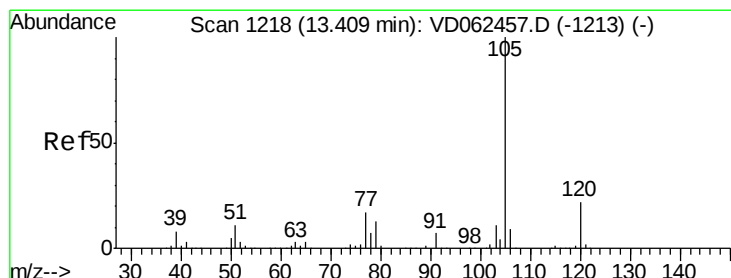
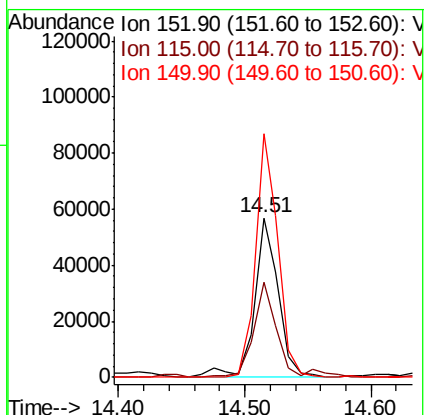
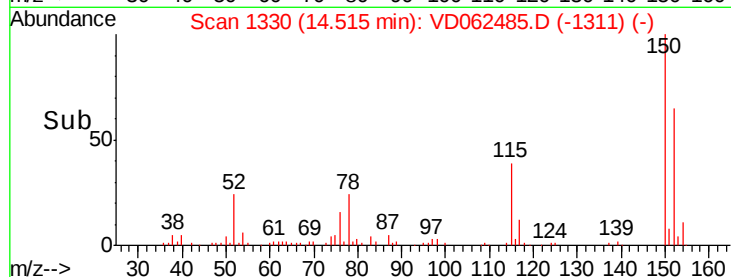
152 100

115 60.0 30.9 92.7

150 152.8 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: 3.127 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD062485.D

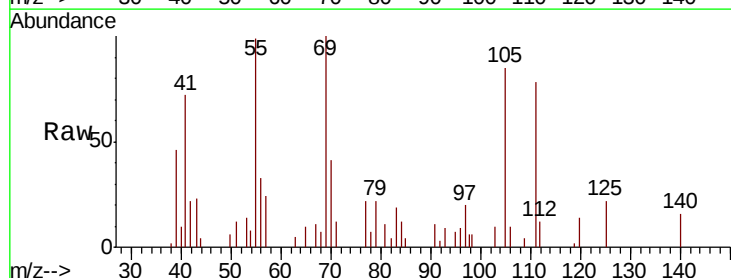
Acq: 21 May 2019 17:04

Tgt Ion:105 Resp: 14746

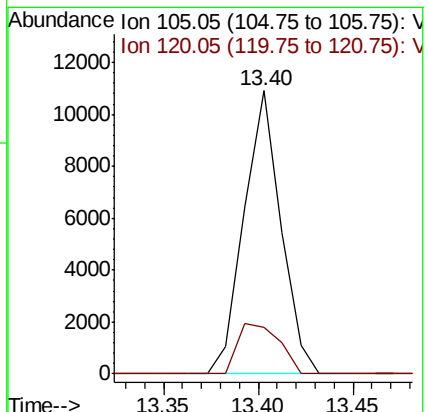
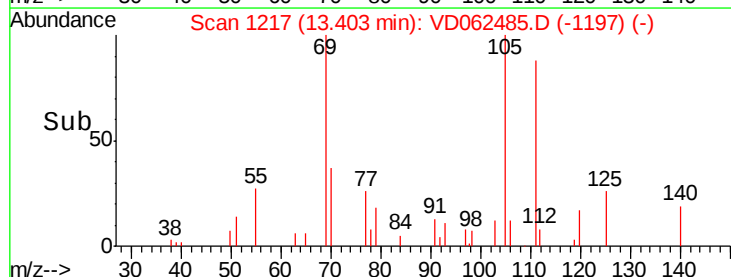
Ion Ratio Lower Upper

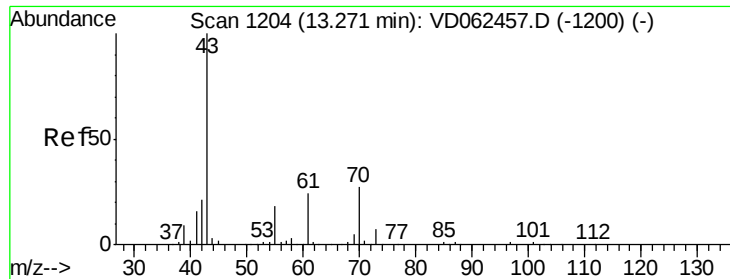
105 100

120 16.6 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-amvl acetate

Concen: 17.047 ug/l

RT: 13.29 min Scan# 1206

Delta R.T. 0.02 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 19855

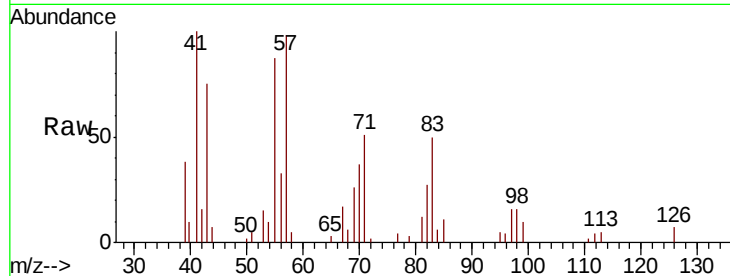
Ion Ratio Lower Upper

43 100

70 49.3 24.2 36.4#

55 115.6 16.0 24.0#

61 0.0 21.6 32.4#

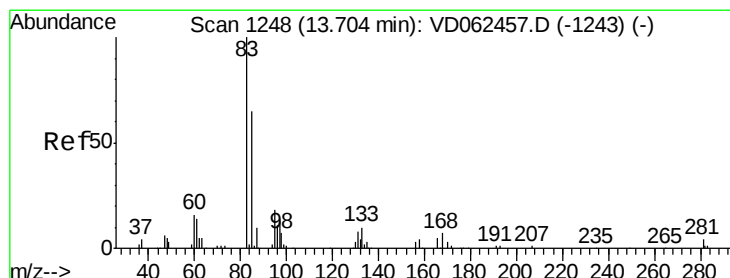
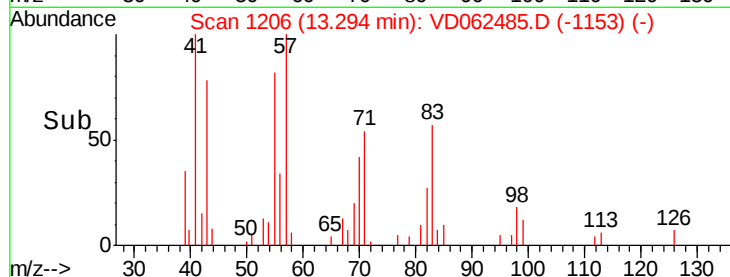
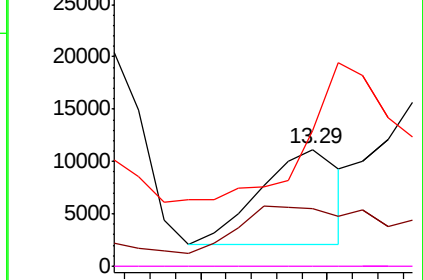


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 26.004 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

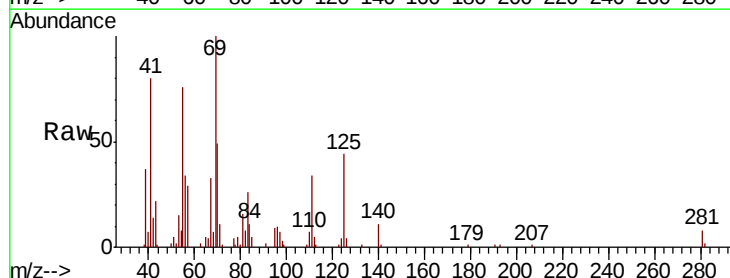
Tgt Ion: 83 Resp: 22123

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

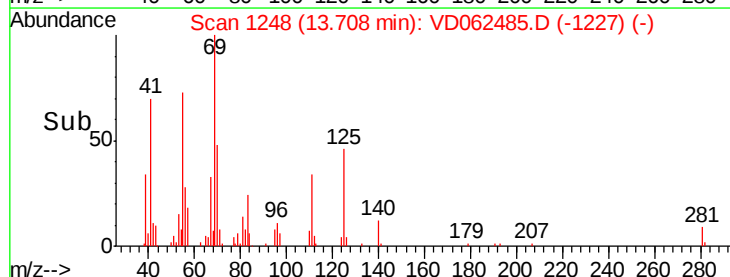
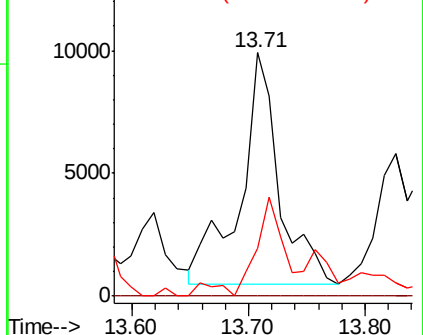
85 19.9 32.6 97.7#

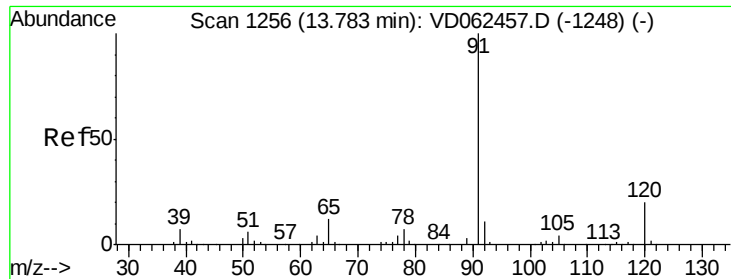


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#78

n-propylbenzene

Concen: 1.593 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

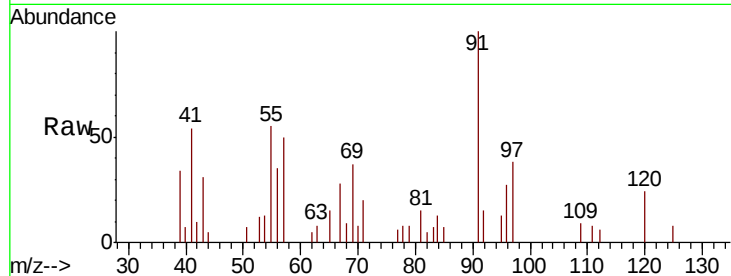
ClientSampled :

Tot Ion: 91 Resp: 8701

Ion Ratio Lower Upper

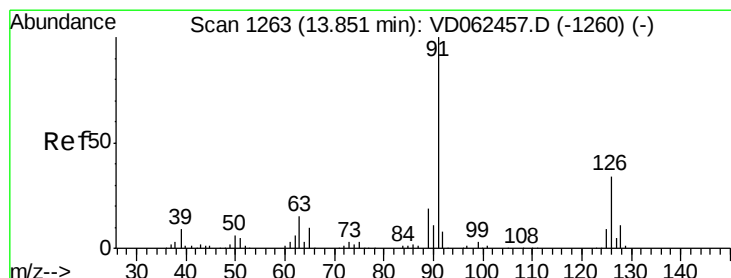
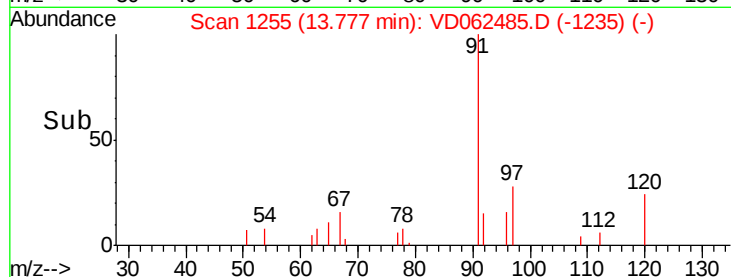
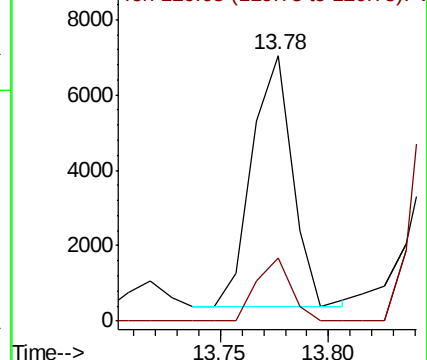
91 100

120 24.0 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: 1.923 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VD062485.D

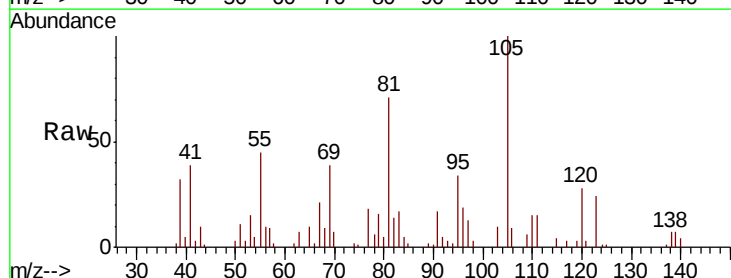
Acq: 21 May 2019 17:04

Tgt Ion: 91 Resp: 6374

Ion Ratio Lower Upper

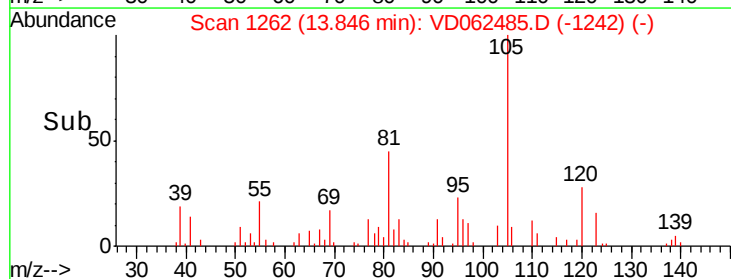
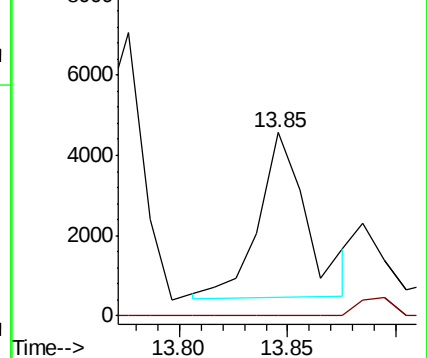
91 100

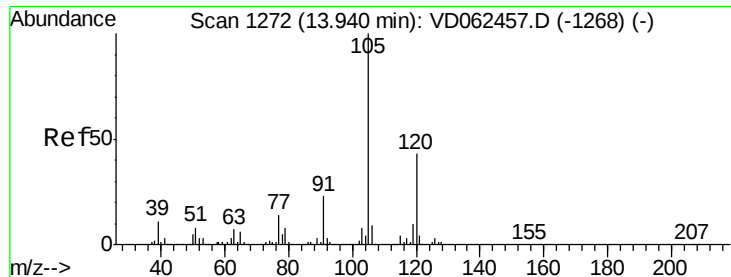
126 0.0 18.6 55.8#



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: 13.230 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

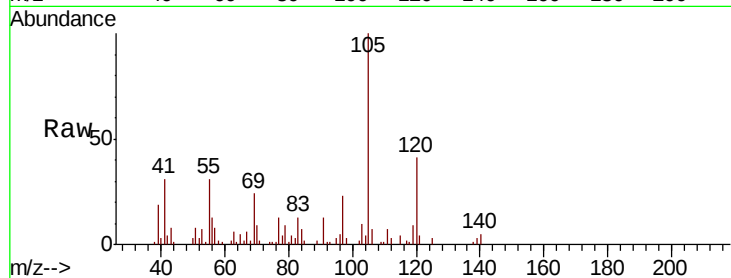
ClientSampled :

Tot Ion:105 Resp: 54021

Ion Ratio Lower Upper

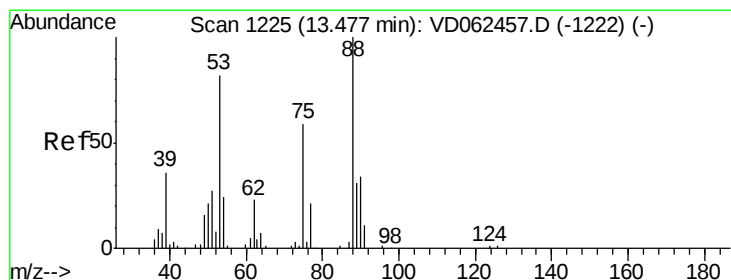
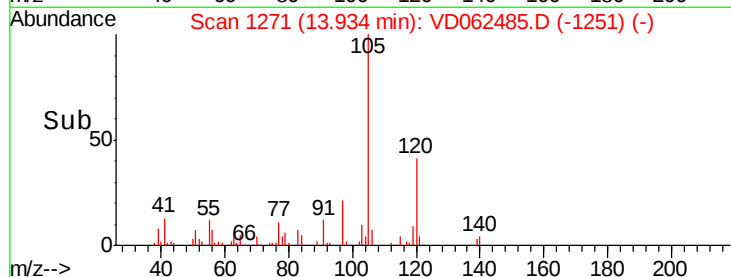
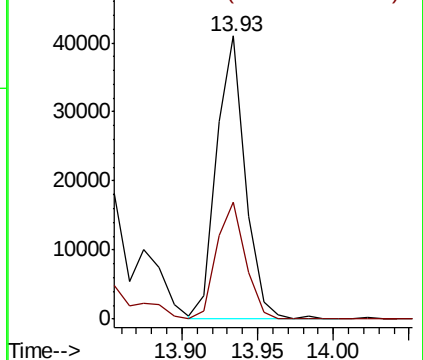
105 100

120 41.1 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 141.090 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

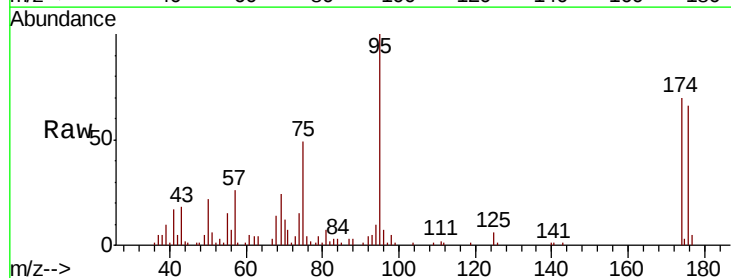
Tgt Ion: 75 Resp: 35064

Ion Ratio Lower Upper

75 100

53 5.4 65.8 98.8#

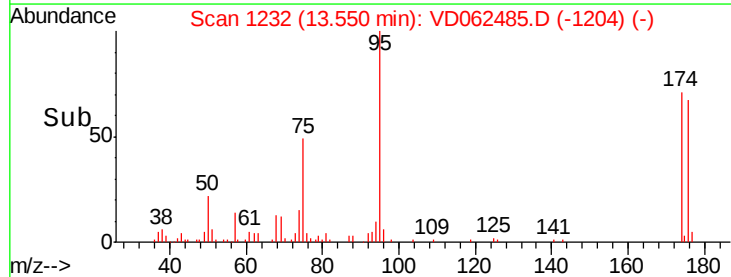
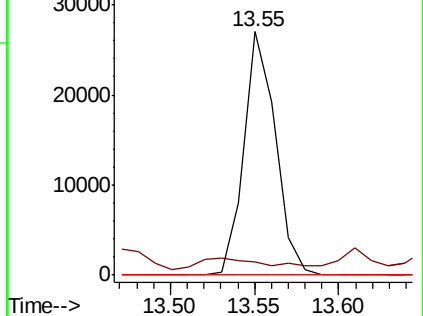
89 0.0 35.0 52.6#

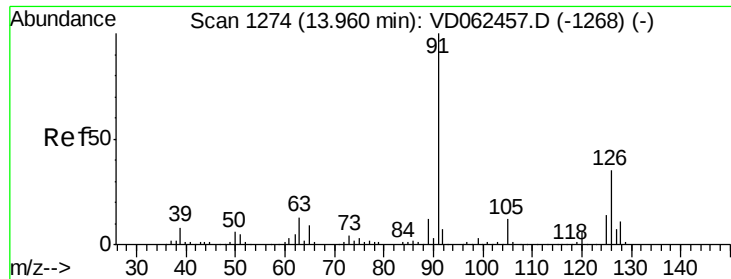


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

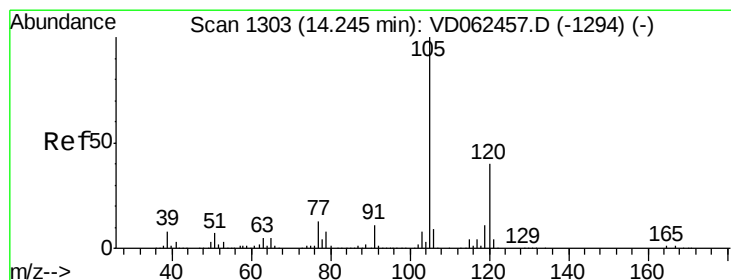
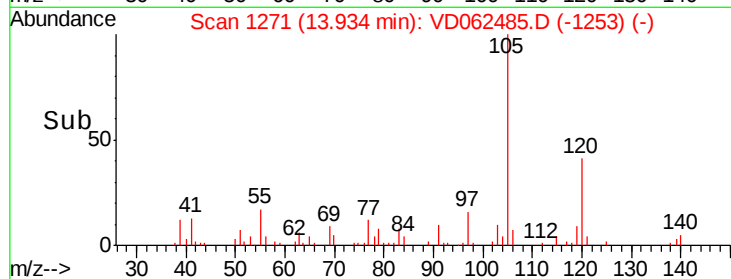
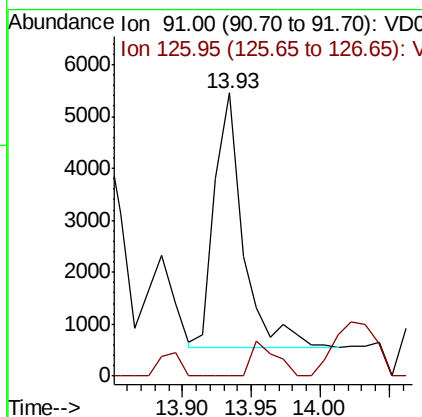
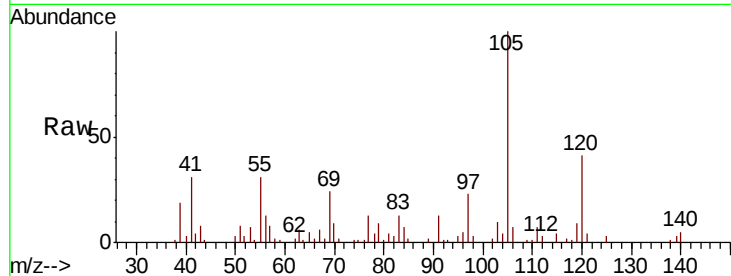




#82
4-Chlorotoluene
Concen: 1.828 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.03 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

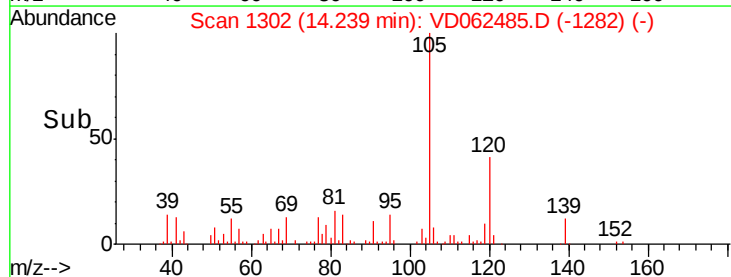
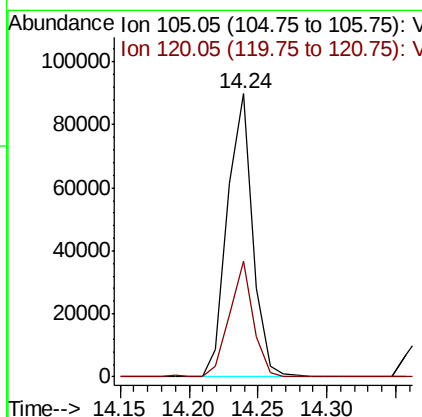
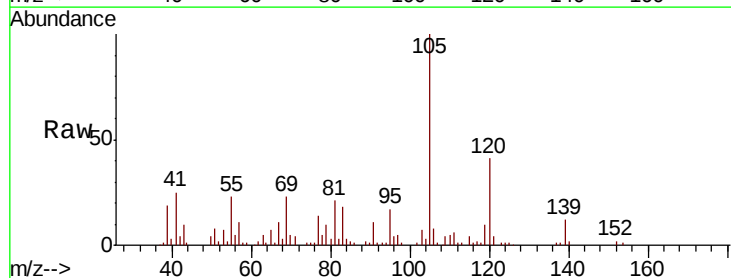
Instrument :
MSVOA_D
ClientSampled :

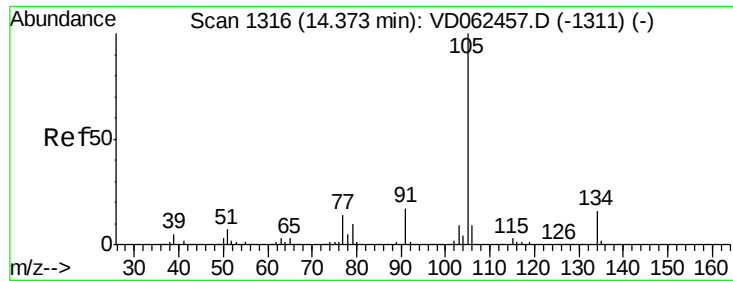
Tot Ion: 91 Resp: 6977
Ion Ratio Lower Upper
91 100
126 0.0 19.1 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 27.329 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 105 Resp: 114339
Ion Ratio Lower Upper
105 100
120 40.9 23.1 69.2

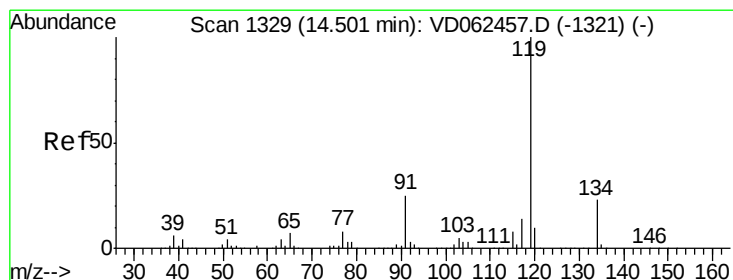
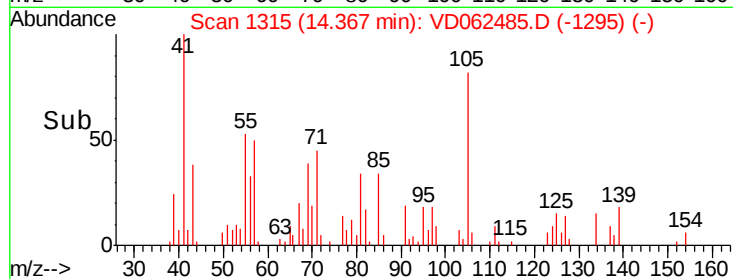
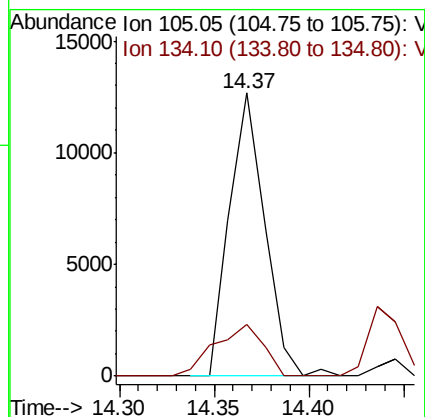
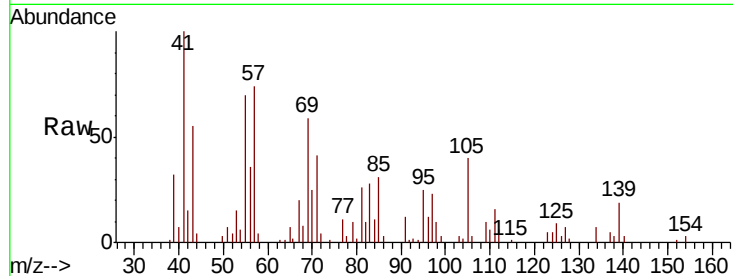




#85
 sec-Butylbenzene
 Concen: 3.463 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

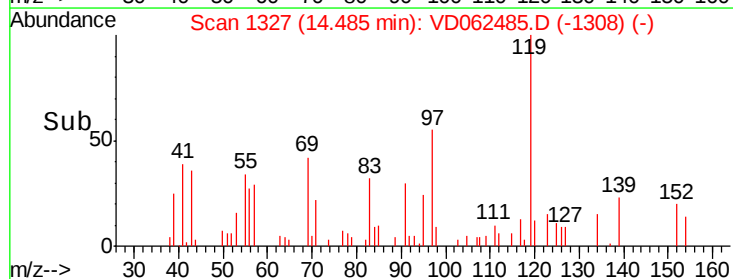
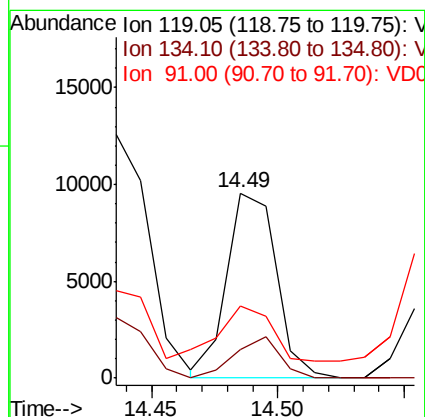
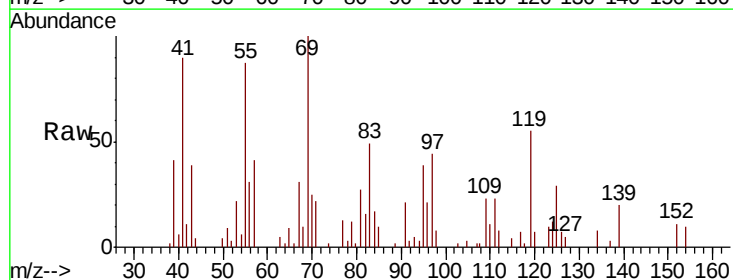
Instrument :
 MSVOA_D
 ClientSampleID :

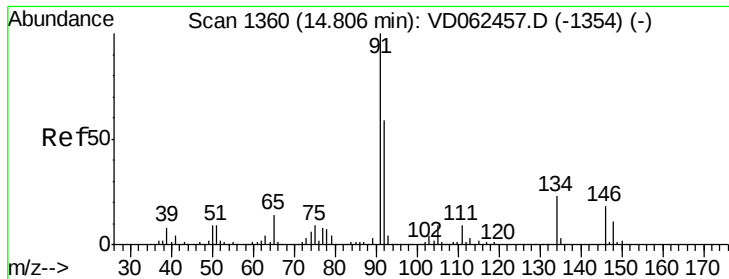
Tot Ion:105 Resp: 16356
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 3.062 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Tgt Ion:119 Resp: 13104
 Ion Ratio Lower Upper
 119 100
 134 15.2 12.8 38.3
 91 38.7 10.7 32.1#





#89

n-Butylbenzene

Concen: 4.020 ug/l

RT: 14.78 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

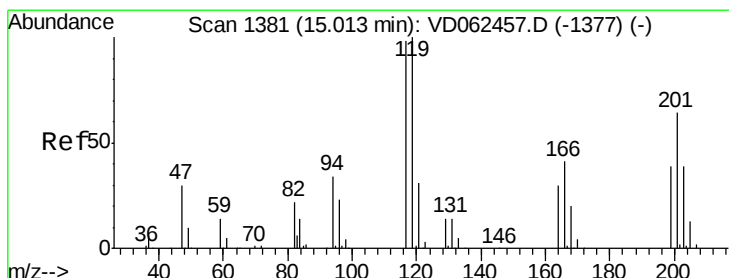
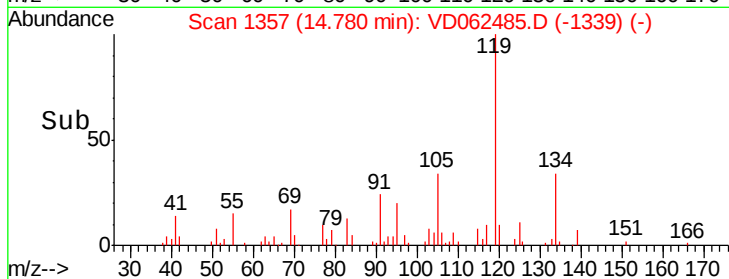
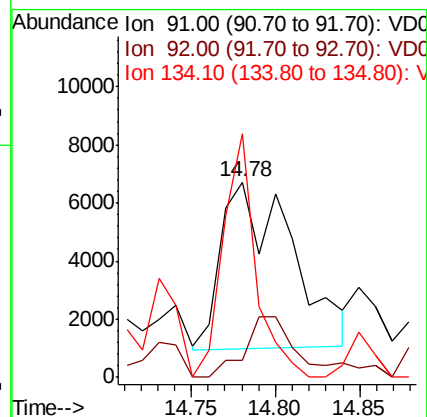
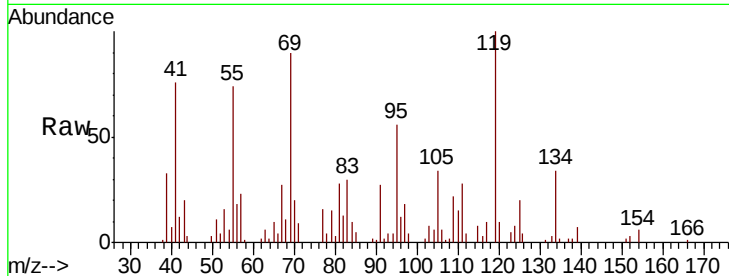
Tot Ion: 91 Resp: 16603

Ion Ratio Lower Upper

91 100

92 8.5 30.3 91.0#

134 124.8 14.5 43.6#



#90

Hexachloroethane

Concen: 3.489 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VD062485.D

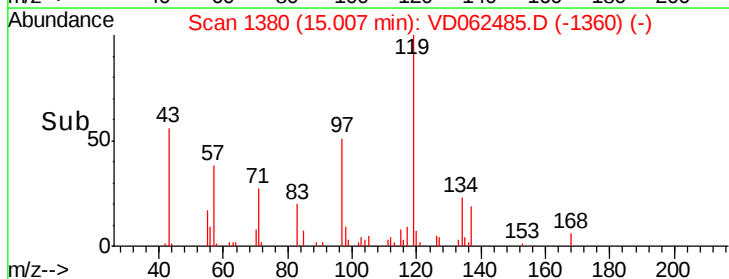
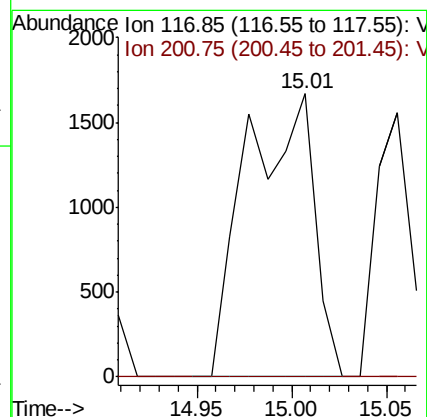
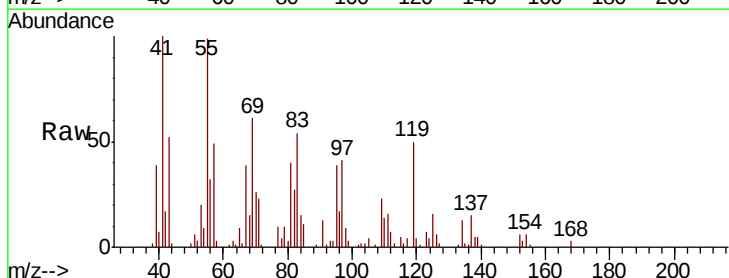
Acq: 21 May 2019 17:04

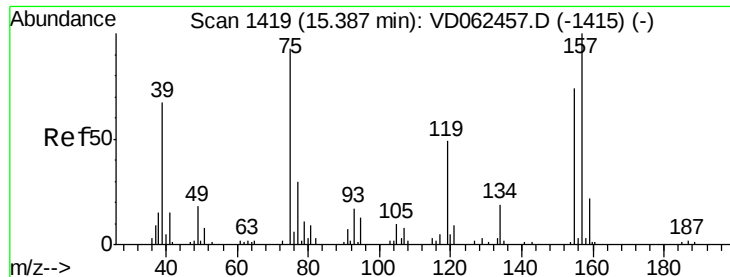
Tgt Ion: 117 Resp: 4127

Ion Ratio Lower Upper

117 100

201 0.0 30.2 90.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.121 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampled :

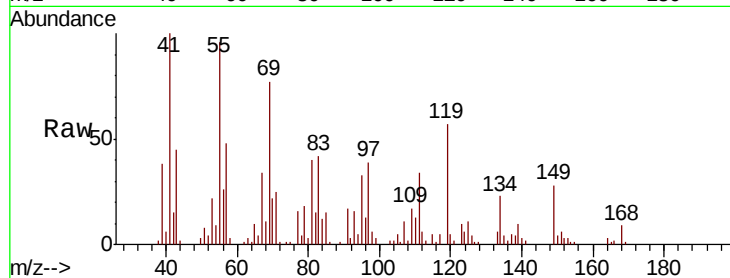
Tot Ion: 75 Resp: 504

Ion Ratio Lower Upper

75 100

155 107.7 55.3 165.8

157 0.0 67.8 203.2#

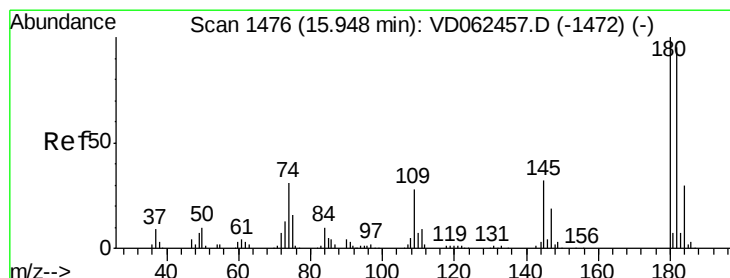
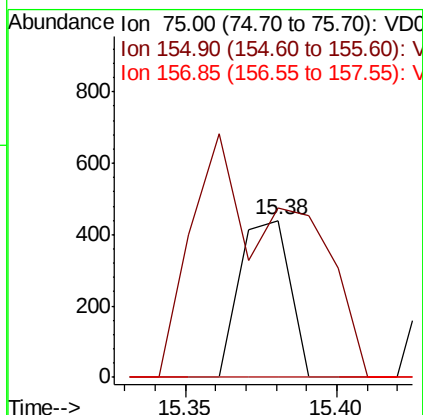
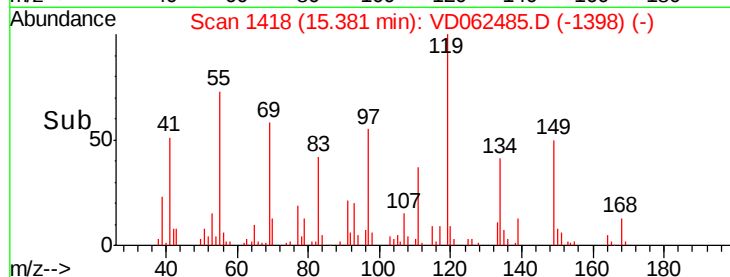


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.683 ug/l

RT: 15.88 min Scan# 1469

Delta R.T. -0.06 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

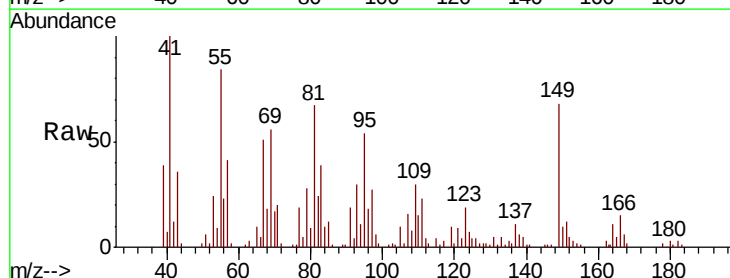
Tgt Ion:180 Resp: 2662

Ion Ratio Lower Upper

180 100

182 85.6 49.3 147.8

145 42.9 16.2 48.6

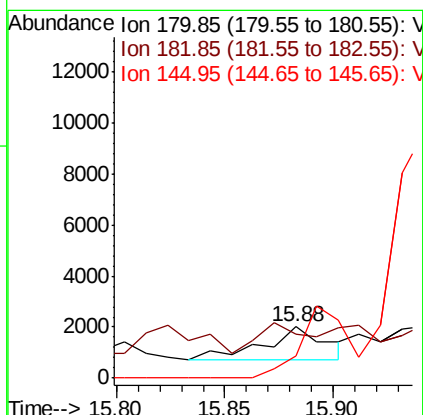
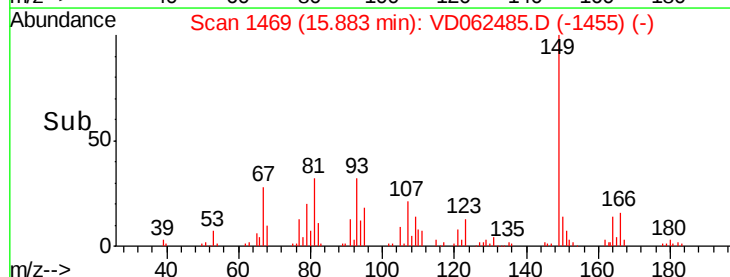


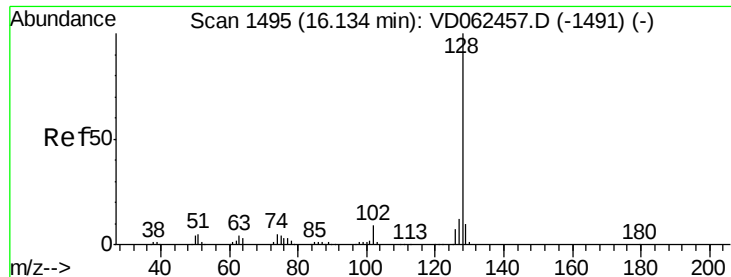
Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

Time-->





#95

Naphthalene

Concen: 4.834 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.02 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

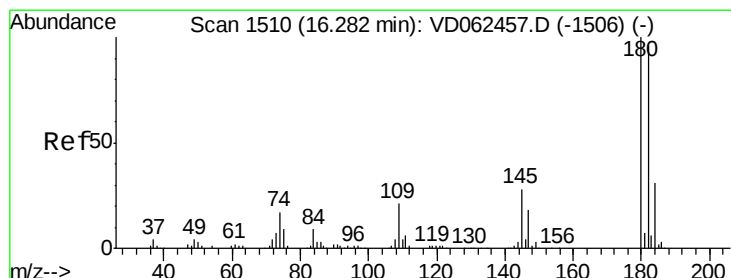
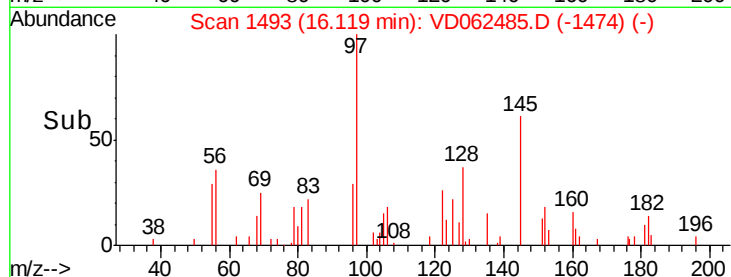
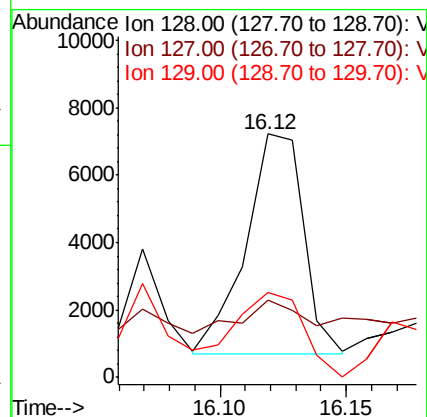
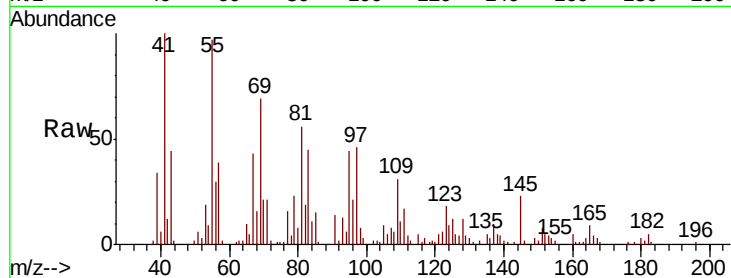
Tot Ion:128 Resp: 10448

Ion Ratio Lower Upper

128 100

127 31.7 9.8 14.8#

129 35.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 1.807 ug/l

RT: 16.34 min Scan# 1515

Delta R.T. 0.05 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Tgt Ion:180 Resp: 2343

Ion Ratio Lower Upper

180 100

182 47.3 47.0 141.0

145 25.1 17.0 51.0

