

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062210.D
 Acq On : 10 May 2019 12:44
 Operator : FY/SY
 Sample : K2718-01RE
 Misc : 6.53g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1218-01RE

Quant Time: May 10 23:31:20 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	9033	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	16894	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	18671	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	10721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	10288	122.56	ug/l	0.01
Spiked Amount			Recovery	=	245.12%	
35) Dibromofluoromethane	6.92	113	8429	60.13	ug/l	0.02
Spiked Amount			Recovery	=	120.26%	
50) Toluene-d8	10.41	98	19073	56.44	ug/l	0.01
Spiked Amount			Recovery	=	112.88%	
62) 4-Bromofluorobenzene	13.55	95	9205	67.83	ug/l	0.00
Spiked Amount			Recovery	=	135.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.83	74	179	7.782	ug/l #	1
10) Methyl Iodide	3.34	142	199	1.459	ug/l #	37
16) Acetone	3.22	43	871	49.477	ug/l #	50
20) Methylene Chloride	3.81	84	513	6.979	ug/l #	58
36) 1,1-Dichloropropene	7.04	75	202	1.458	ug/l #	40
38) Carbon Tetrachloride	7.09	117	221	1.153	ug/l #	12
43) Isopropyl Acetate	9.33	43	341	4.093	ug/l #	43
51) 4-Methyl-2-Pentanone	10.26	43	195	3.641	ug/l #	37
52) Toluene	10.50	92	207	1.017	ug/l #	48
59) 2-Hexanone	11.41	43	228	5.777	ug/l #	27
65) Chlorobenzene	12.40	112	769	2.211	ug/l #	42
67) Ethyl Benzene	12.52	91	1213	2.084	ug/l #	44
68) m/p-Xylenes	12.67	106	467	2.205	ug/l	95
69) o-Xylene	13.04	106	444	2.255	ug/l #	22
70) Styrene	13.07	104	890	2.668	ug/l #	50
73) Isopropylbenzene	13.40	105	1257	1.956	ug/l #	51
74) N-amyl acetate	13.32	43	180	1.068	ug/l #	49
76) 1,2,3-Trichloropropane	13.55	75	2925	22.957	ug/l #	42
77) Bromobenzene	13.67	156	190	1.056	ug/l	77
78) n-propylbenzene	13.77	91	1643	2.143	ug/l #	54
79) 2-Chlorotoluene	13.84	91	839	1.911	ug/l	90
80) 1,3,5-Trimethylbenzene	13.92	105	1407	2.600	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.55	75	3548	98.641	ug/l #	16
82) 4-Chlorotoluene	13.94	91	1279	2.476	ug/l	95
83) tert-Butylbenzene	14.19	119	684	1.125	ug/l #	83
84) 1,2,4-Trimethylbenzene	14.24	105	1361	2.506	ug/l	88
85) sec-Butylbenzene	14.37	105	1730	2.594	ug/l #	60
86) p-Isopropyltoluene	14.49	119	889	1.492	ug/l #	37
87) 1,3-Dichlorobenzene	14.46	146	916	2.787	ug/l	73
88) 1,4-Dichlorobenzene	14.53	146	1119	3.465	ug/l	93
89) n-Butylbenzene	14.80	91	1335	2.496	ug/l	95
91) 1,2-Dichlorobenzene	14.81	146	1014	3.747	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.94	180	1046	5.310	ug/l	88
94) Hexachlorobutadiene	16.04	225	446	3.044	ug/l #	19

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

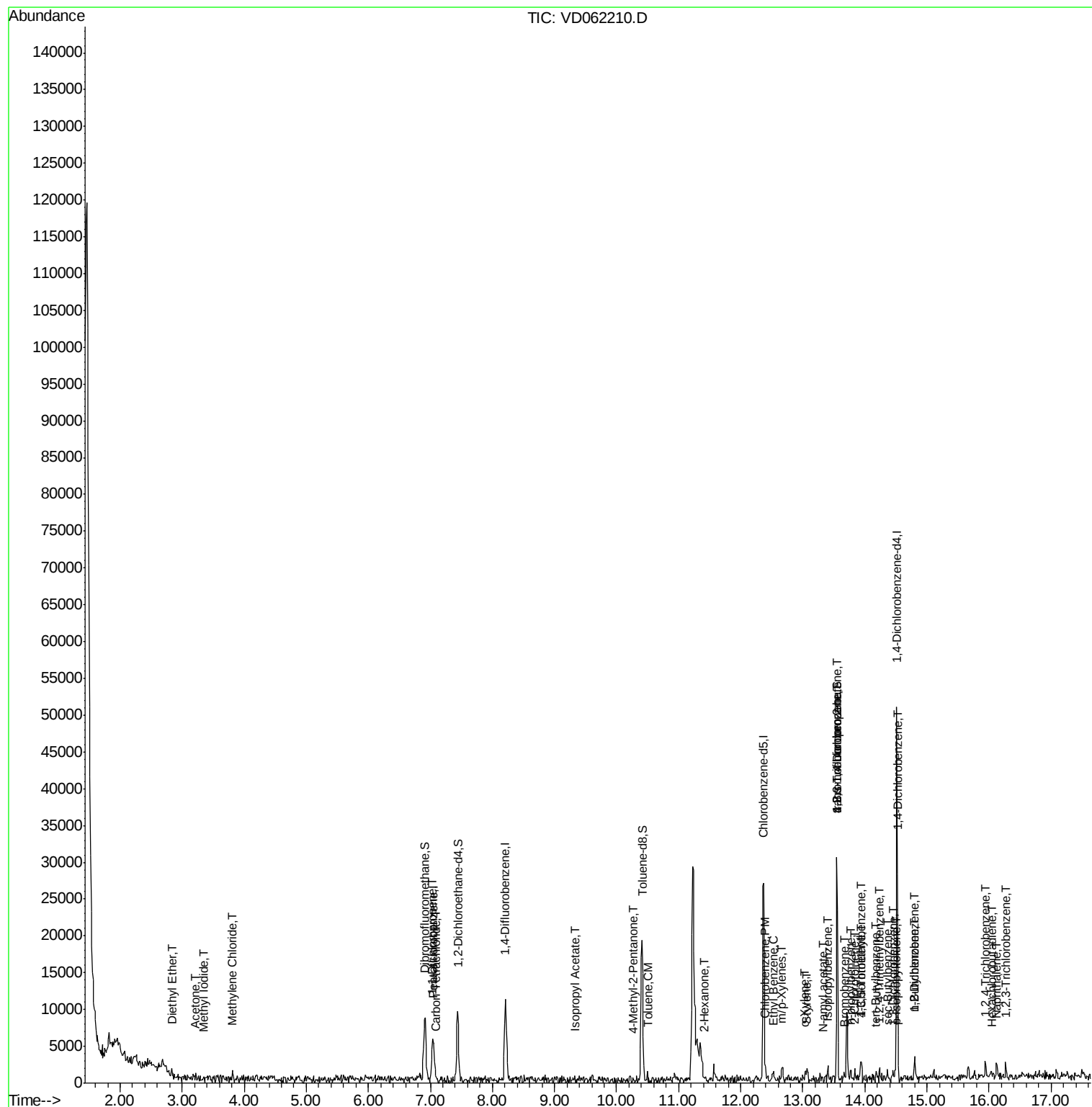
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	16.12	128	2007	7.297	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.27	180	843	6.806	ug/l #	80

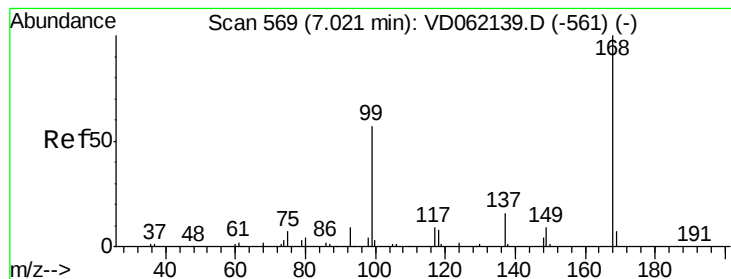
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

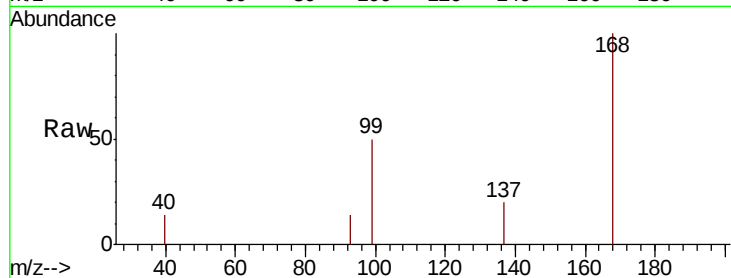
P026-SS004-1218-01RE

Tot Ion:168 Resp: 9033

Ion Ratio Lower Upper

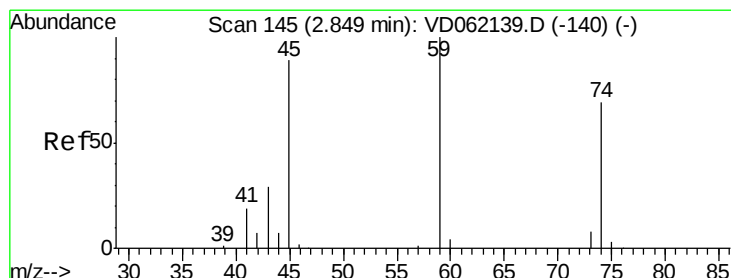
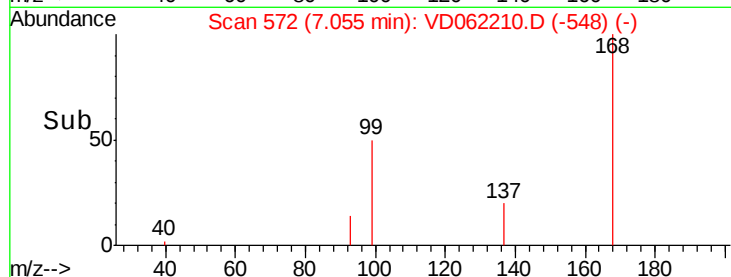
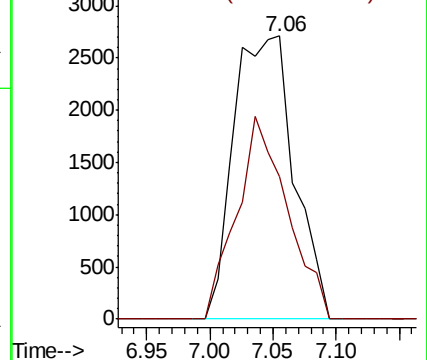
168 100

99 50.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 7.782 ug/l

RT: 2.83 min Scan# 143

Delta R.T. -0.02 min

Lab File: VD062210.D

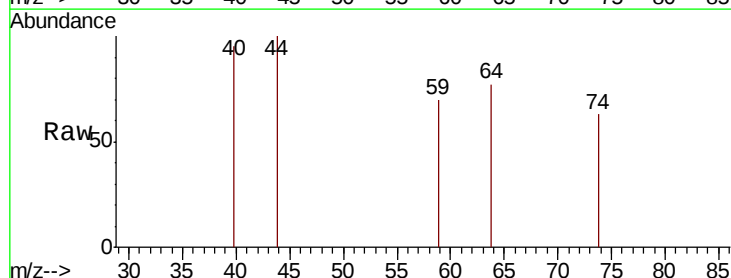
Acq: 10 May 2019 12:44

Tgt Ion: 74 Resp: 179

Ion Ratio Lower Upper

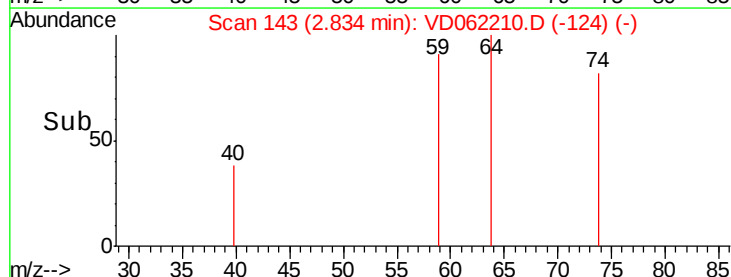
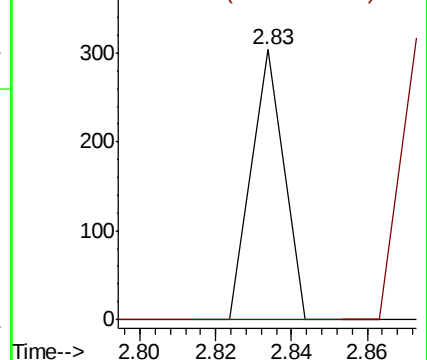
74 100

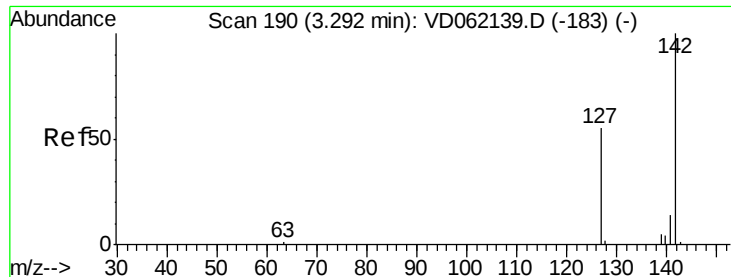
45 0.0 56.9 170.7#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

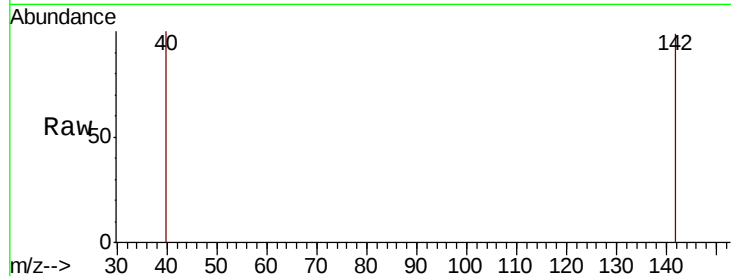




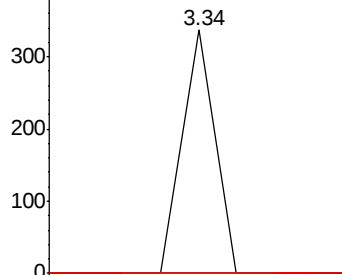
#10
Methvl Iodide
Concen: 1.459 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.04 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-1218-01RE

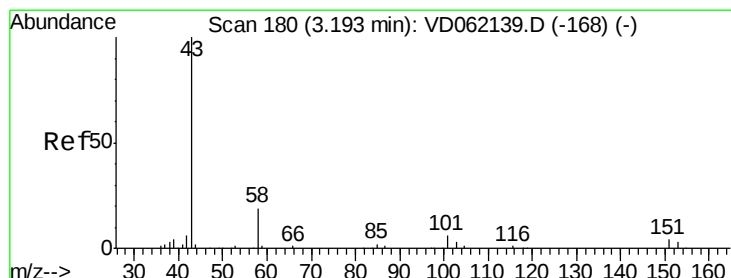
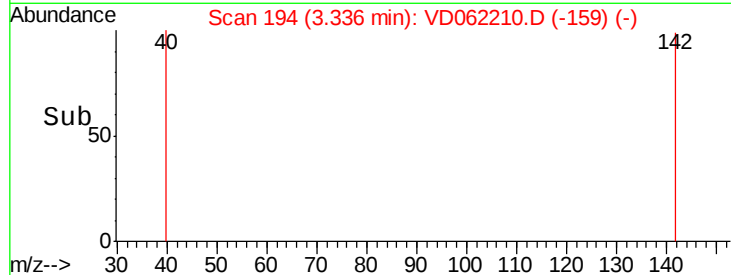
Tot Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

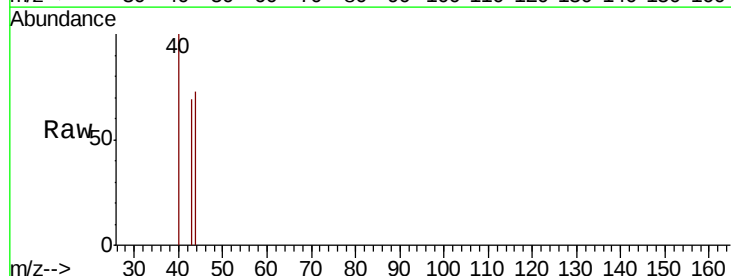


Time-->

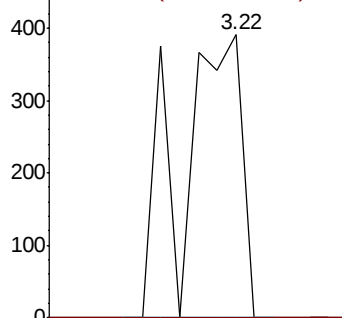


#16
Acetone
Concen: 49.477 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

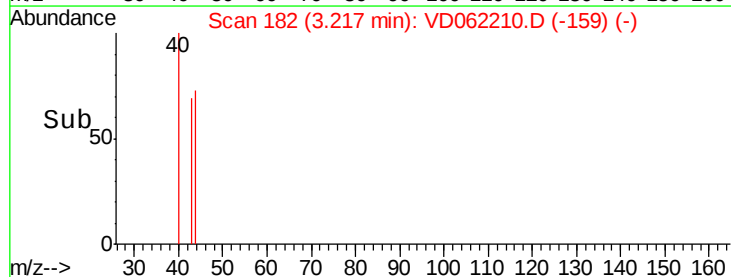
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#

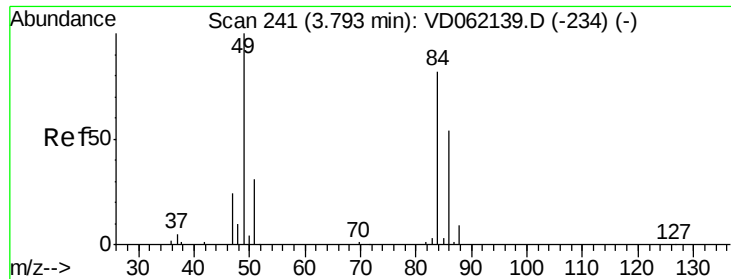


Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V



Time-->

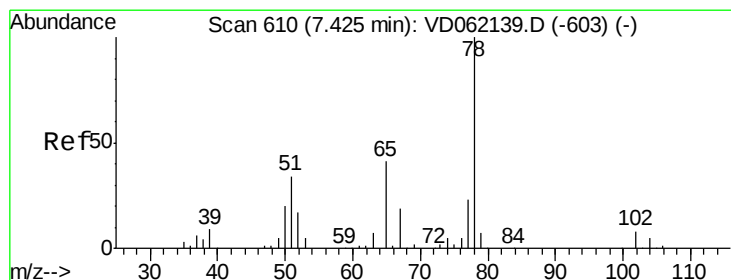
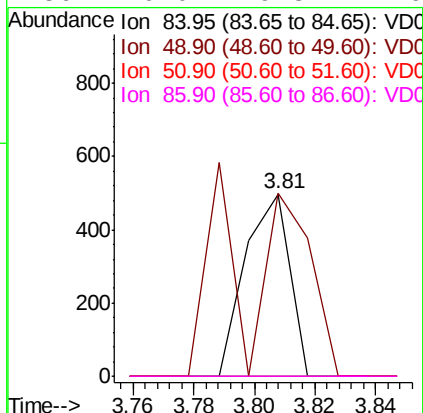
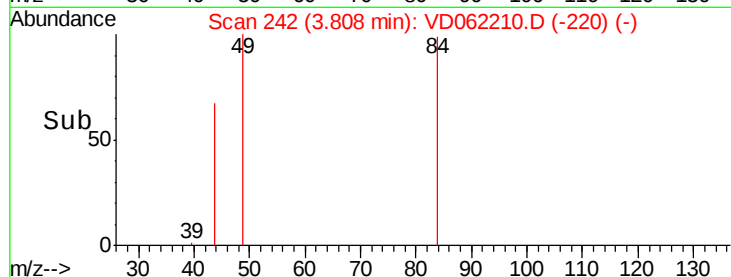
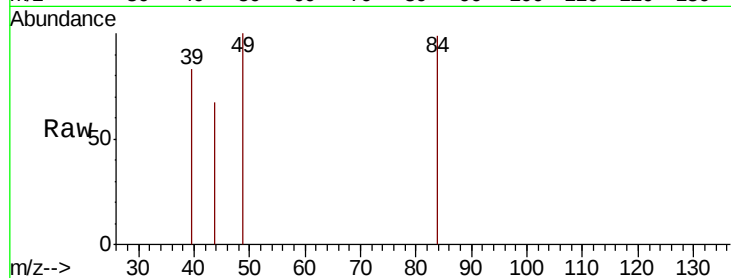




#20
Methylene Chloride
Concen: 6.979 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

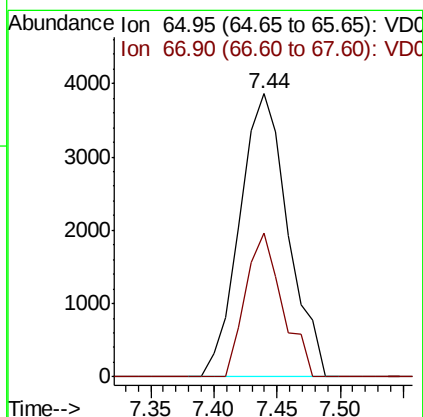
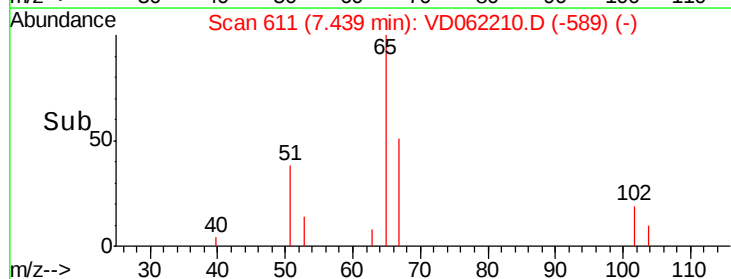
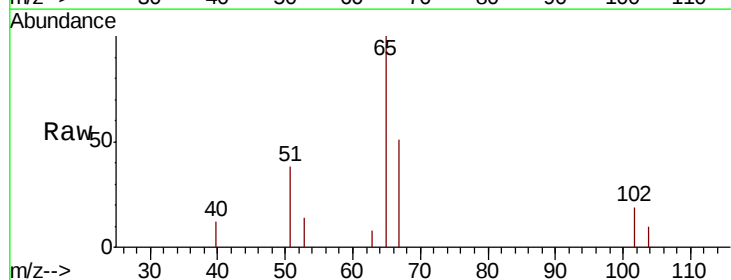
Instrument :
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P026-SS004-1218-01RE

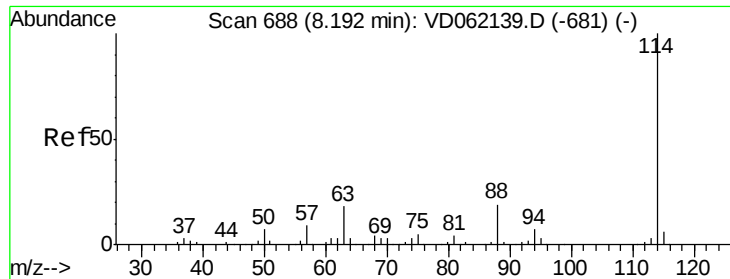
Tot Ion: 84 Resp: 513
Ion Ratio Lower Upper
84 100
49 100.8 94.0 141.0
51 0.0 29.0 43.4#
86 0.0 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 122.557 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

Tgt Ion: 65 Resp: 10288
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.0

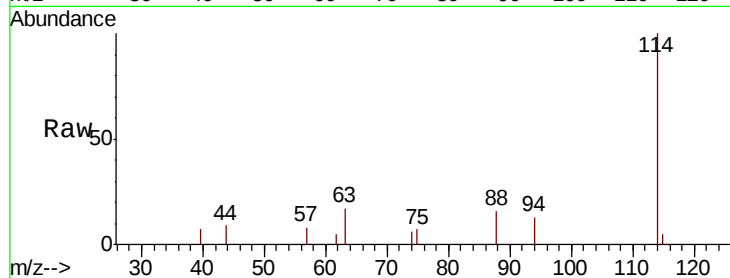




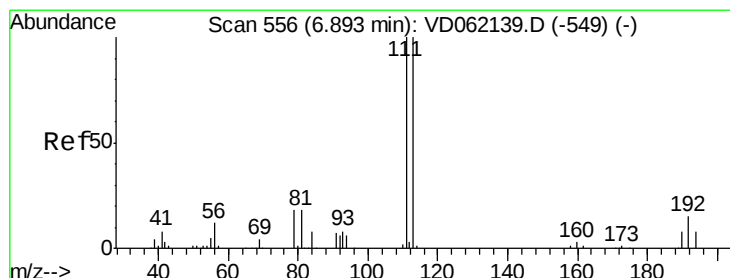
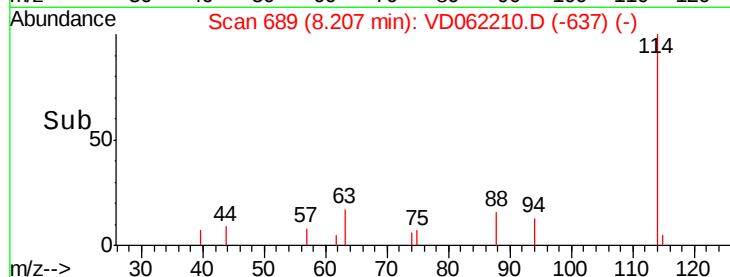
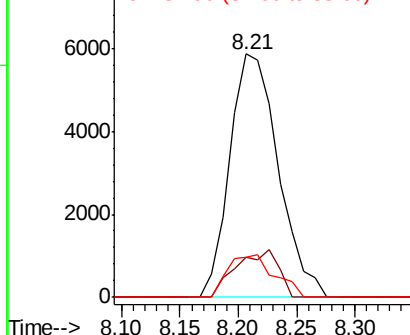
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Instrument :
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Tot Ion:114 Resp: 16894
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.4
 88 16.4 0.0 33.6

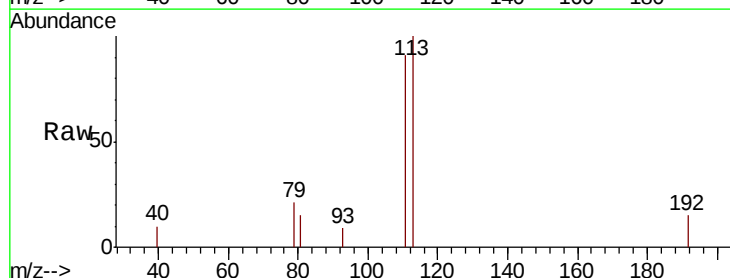


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

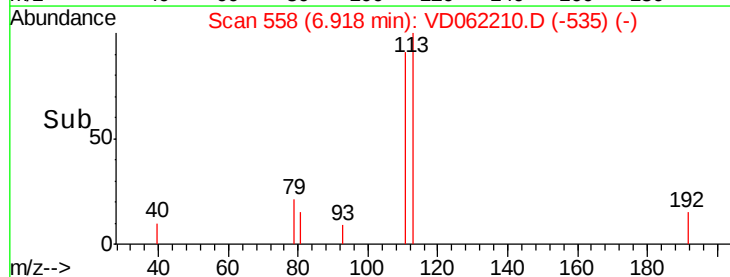
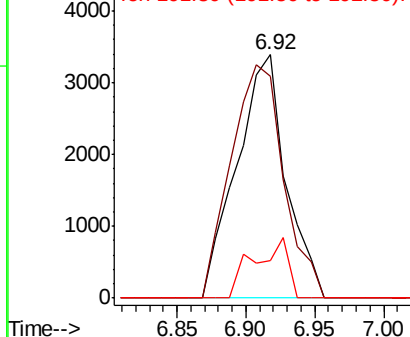


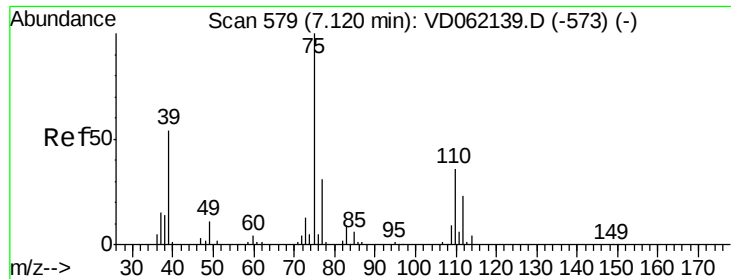
#35
 Dibromofluoromethane
 Concen: 60.133 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Tgt Ion:113 Resp: 8429
 Ion Ratio Lower Upper
 113 100
 111 91.1 78.5 117.7
 192 15.3 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

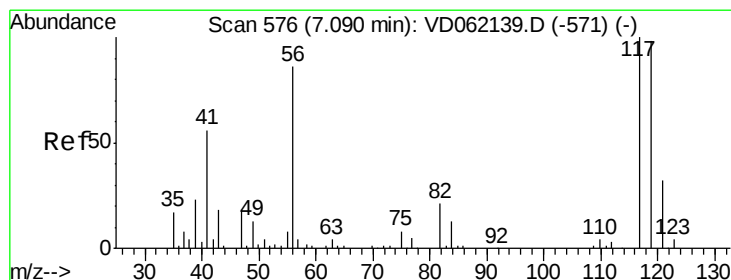
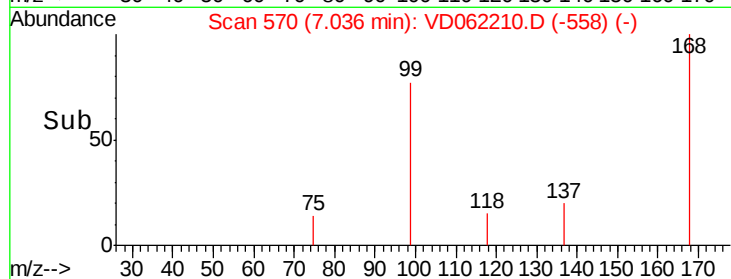
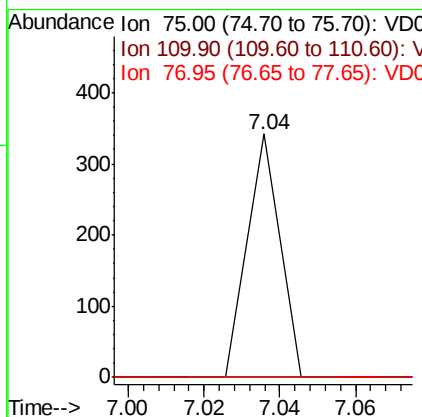
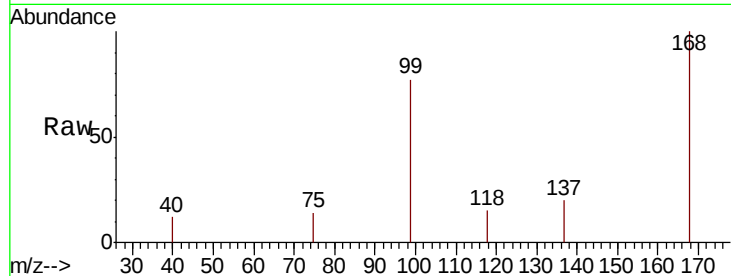




#36
 1,1-Dichloropropene
 Concen: 1.458 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

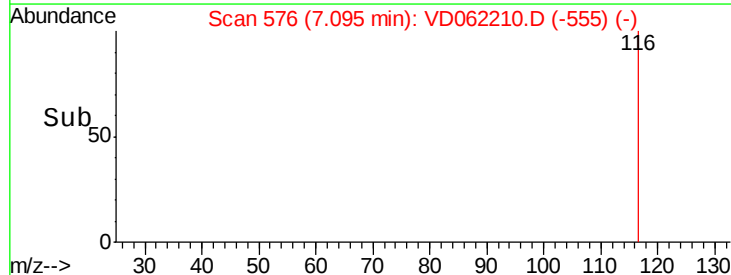
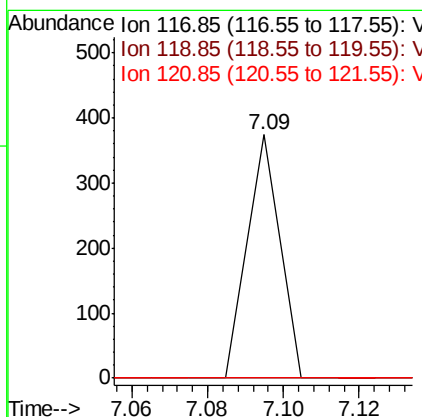
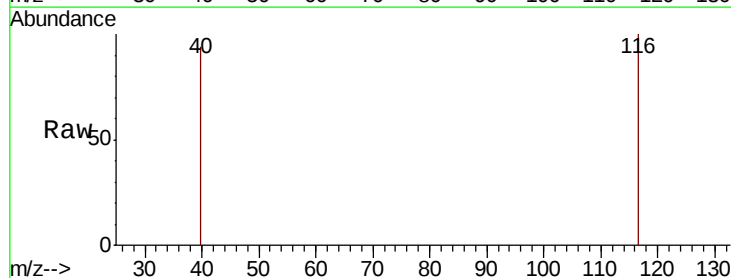
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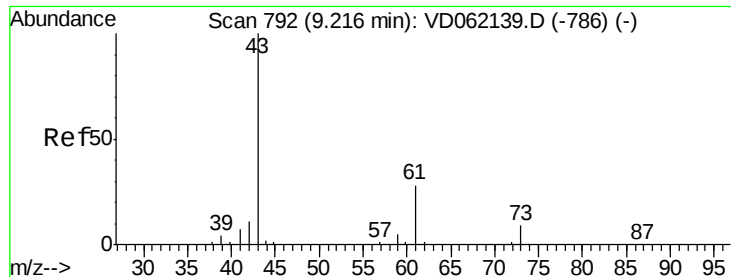
Tot Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 1.153 ug/l
 RT: 7.09 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Tgt Ion: 117 Resp: 221
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.8#
 121 0.0 25.9 38.9#





#43

Isopropyl Acetate

Concen: 4.093 ug/l

RT: 9.33 min Scan# 803

Delta R.T. 0.11 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

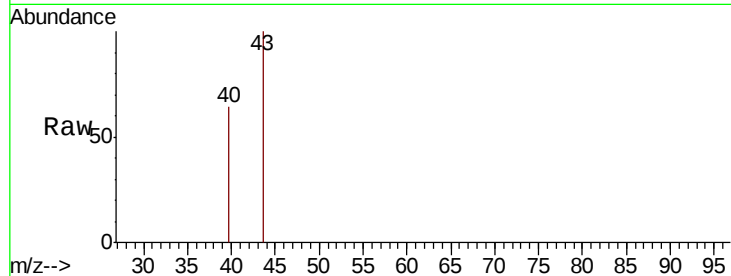
Tot Ion: 43 Resp: 341

Ion Ratio Lower Upper

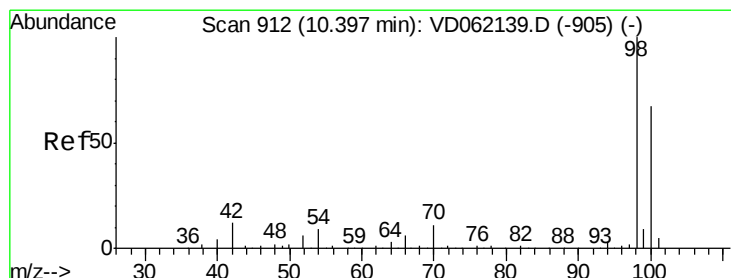
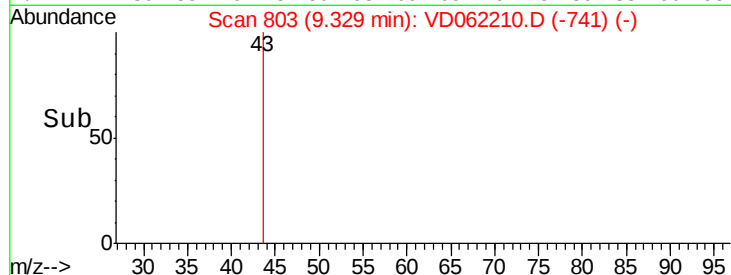
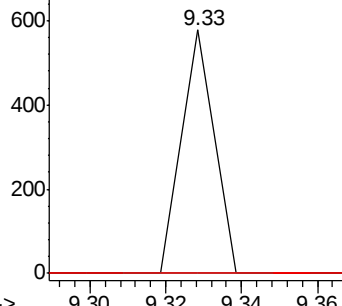
43 100

61 0.0 25.1 37.7#

87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 56.435 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062210.D

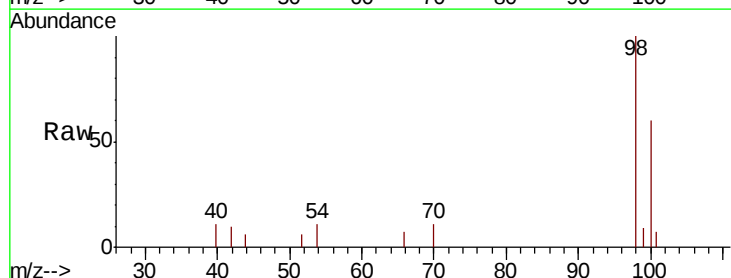
Acq: 10 May 2019 12:44

Tgt Ion: 98 Resp: 19073

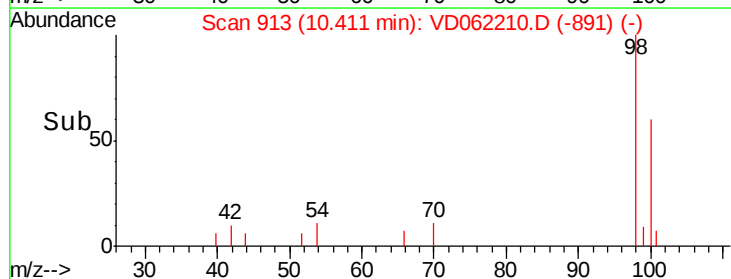
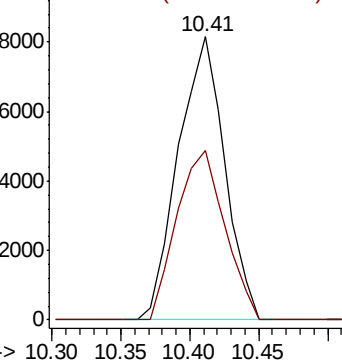
Ion Ratio Lower Upper

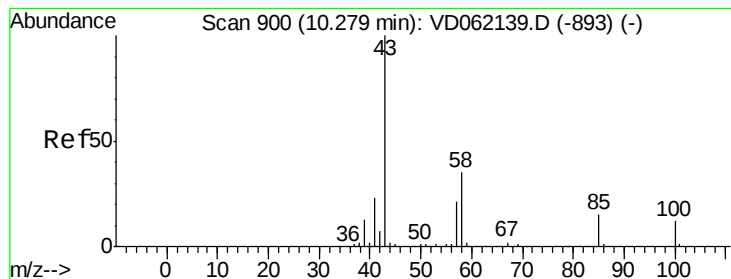
98 100

100 59.9 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: 3.641 ug/l

RT: 10.26 min Scan# 898

Delta R.T. -0.02 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

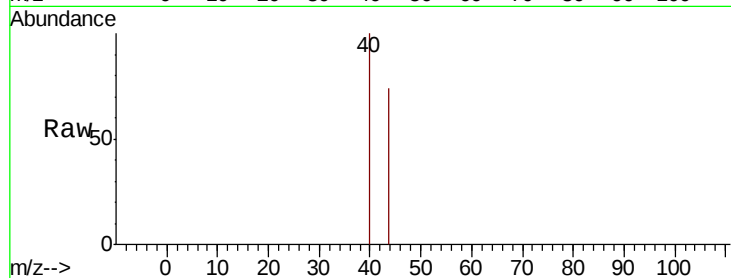
P026-SS004-1218-01RE

Tot Ion: 43 Resp: 195

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.26

300

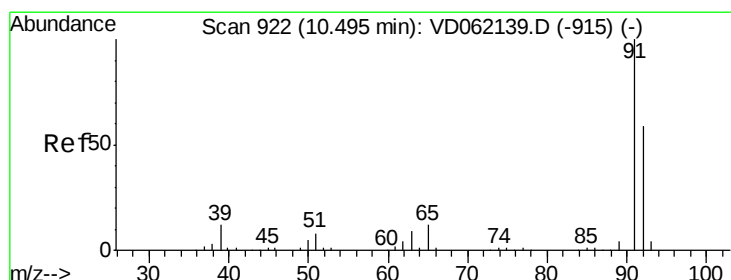
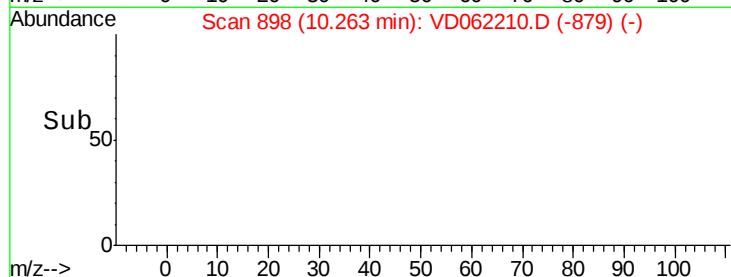
200

100

0

10.24 10.26 10.28

Time-->



#52

Toluene

Concen: 1.017 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD062210.D

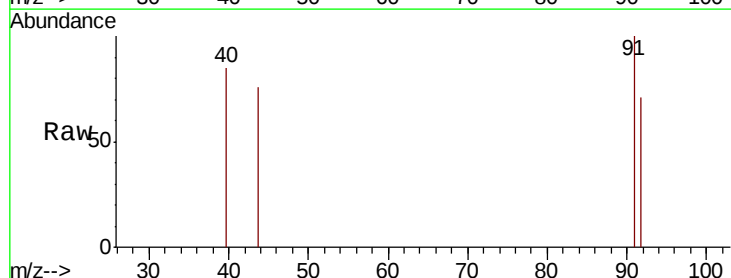
Acq: 10 May 2019 12:44

Tgt Ion: 92 Resp: 207

Ion Ratio Lower Upper

92 100

91 241.4 136.6 204.8#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.50

500

400

300

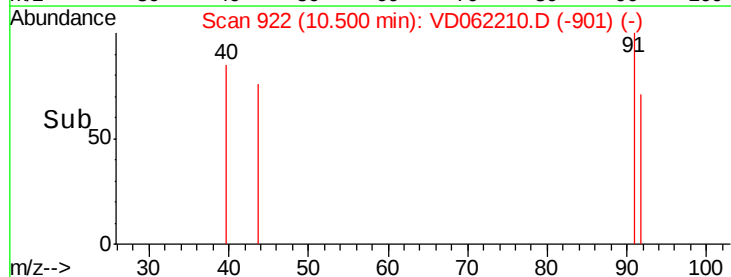
200

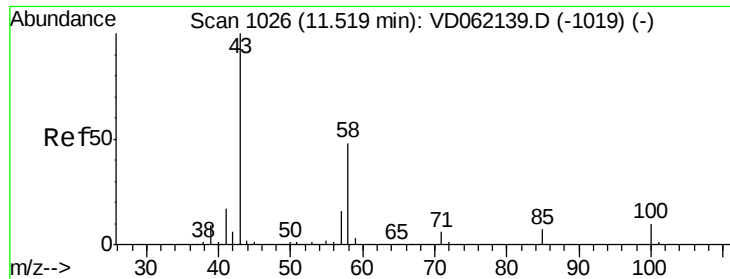
100

0

10.48 10.50 10.52

Time-->





#59

2-Hexanone

Concen: 5.777 ug/l

RT: 11.41 min Scan# 1015

Delta R.T. -0.10 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

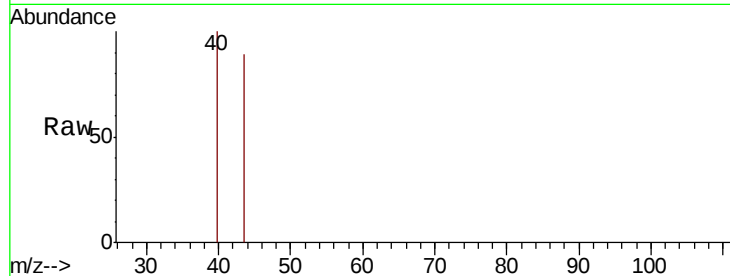
P026-SS004-1218-01RE

Tot Ion: 43 Resp: 228

Ion Ratio Lower Upper

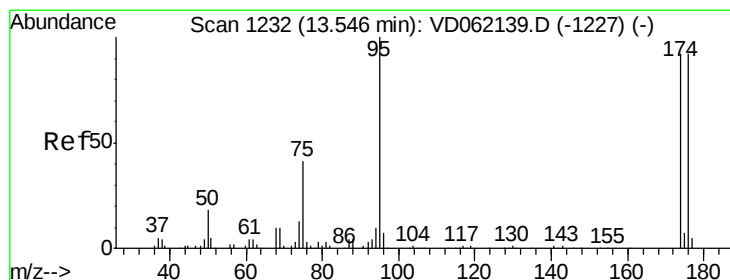
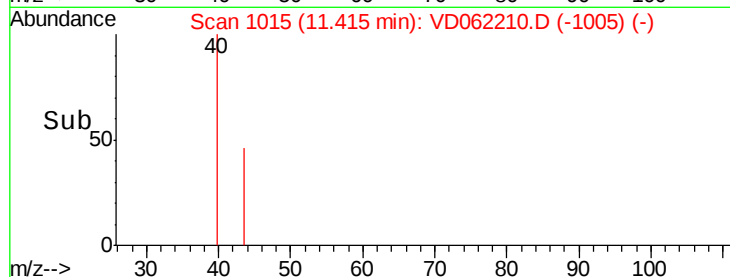
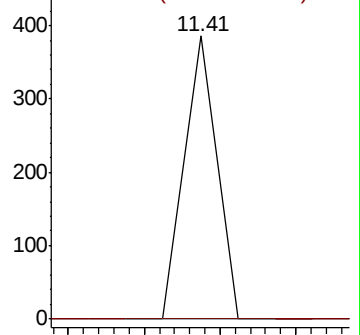
43 100

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: 67.826 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

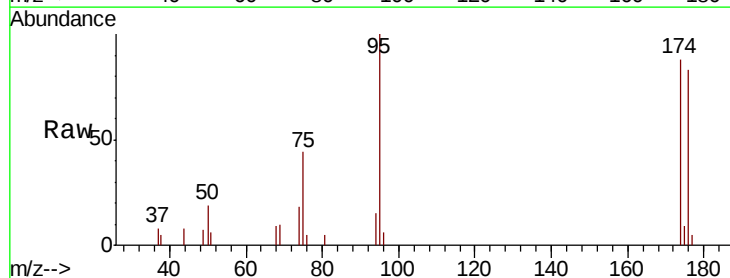
Tgt Ion: 95 Resp: 9205

Ion Ratio Lower Upper

95 100

174 87.8 0.0 181.8

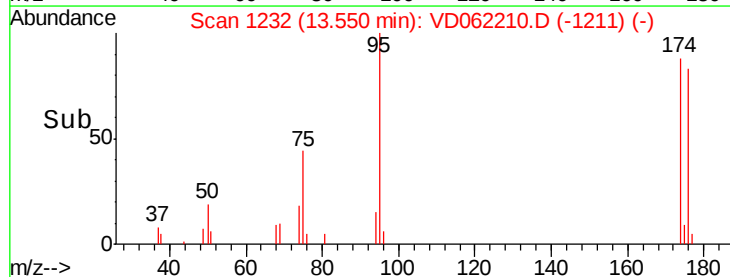
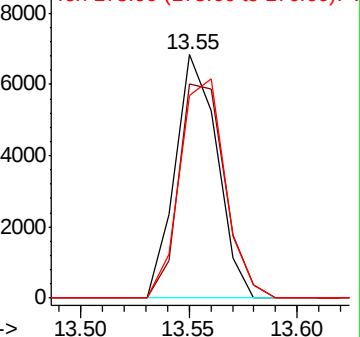
176 83.5 0.0 174.4

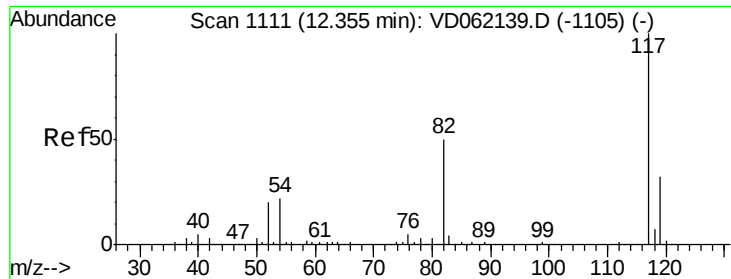


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

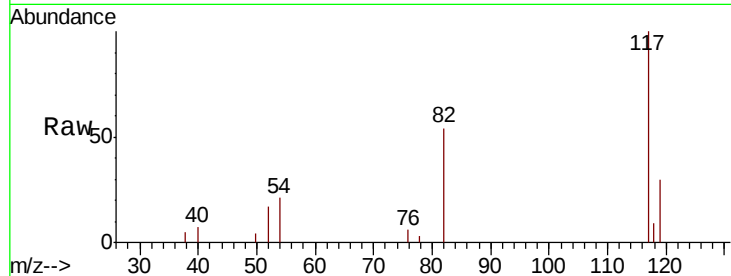




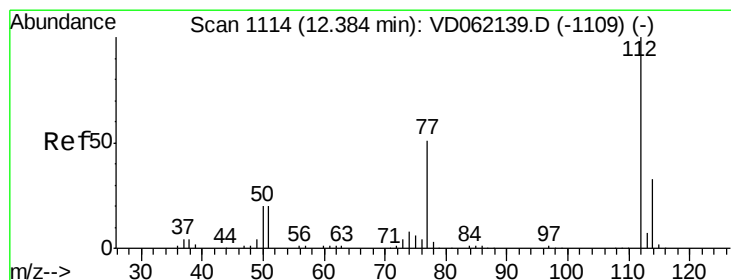
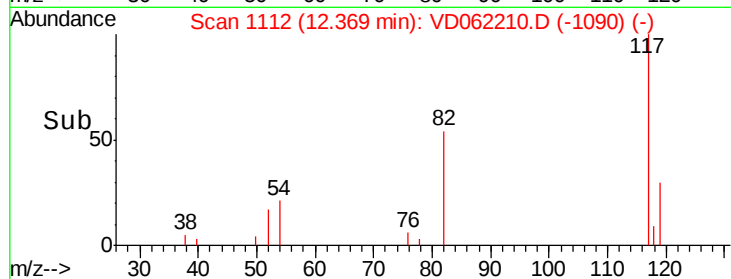
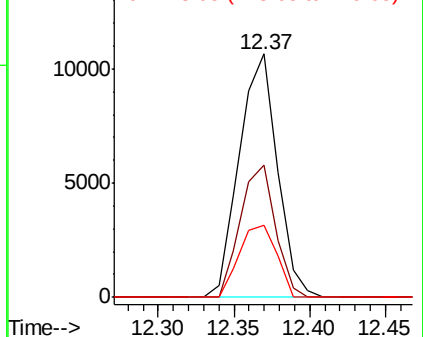
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-1218-01RE

Tot Ion:117 Resp: 18671
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 29.5 26.2 39.4

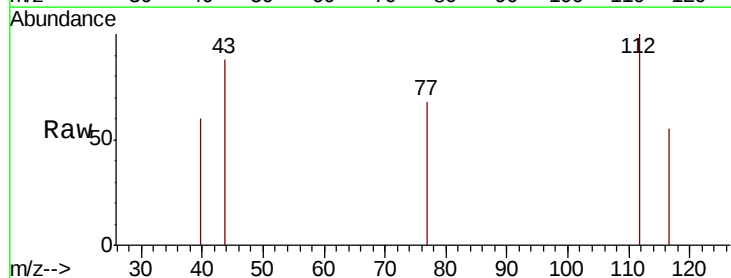


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

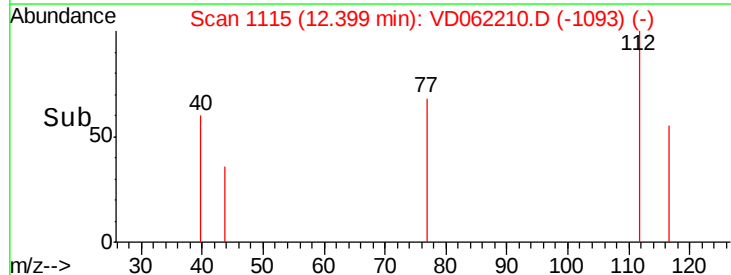
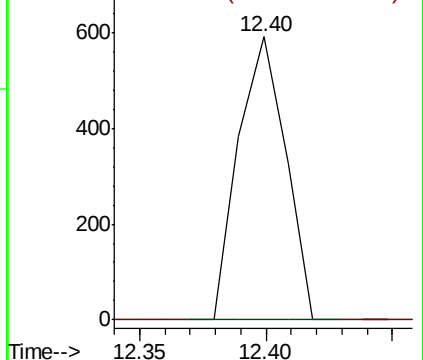


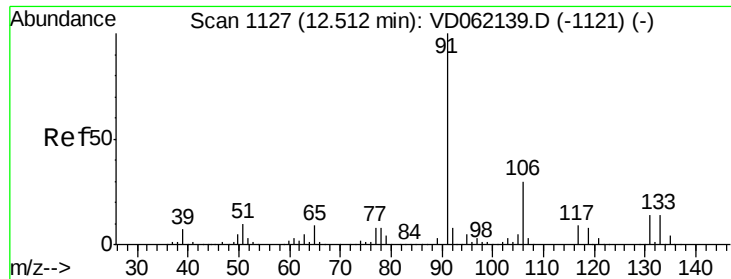
#65
Chlorobenzene
Concen: 2.211 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

Tgt Ion:112 Resp: 769
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.8#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

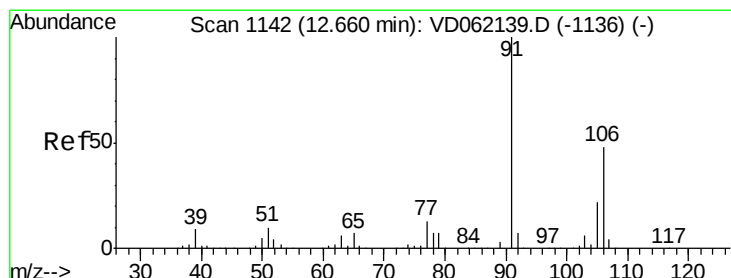
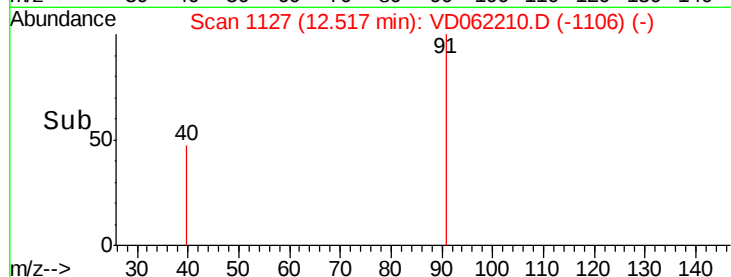
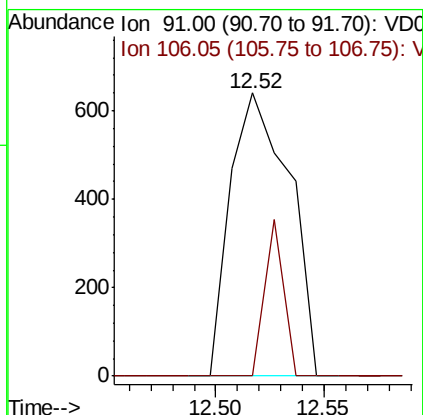
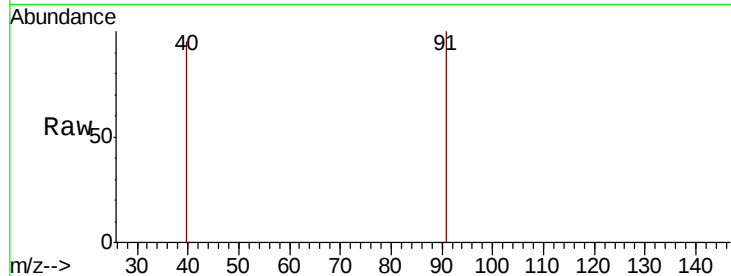




#67
Ethyl Benzene
Concen: 2.084 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

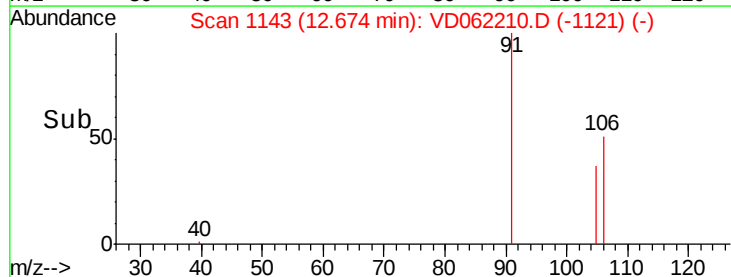
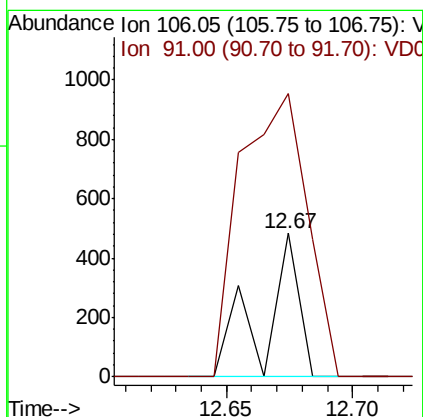
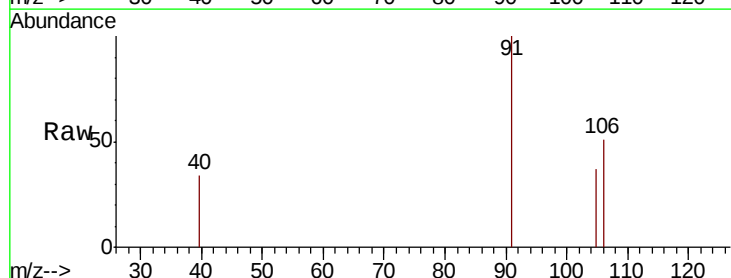
Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-1218-01RE

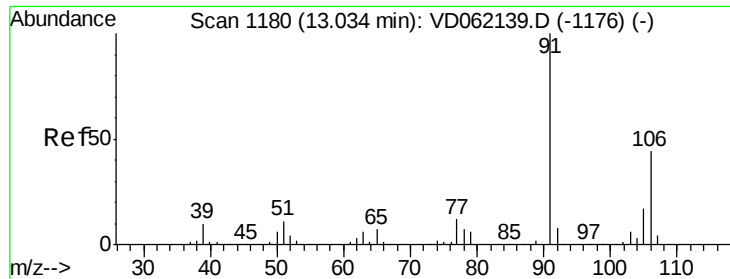
Tot Ion: 91 Resp: 1213
Ion Ratio Lower Upper
91 100
106 0.0 24.7 37.1#



#68
m/p-Xylenes
Concen: 2.205 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

Tgt Ion: 106 Resp: 467
Ion Ratio Lower Upper
106 100
91 197.3 164.0 246.0

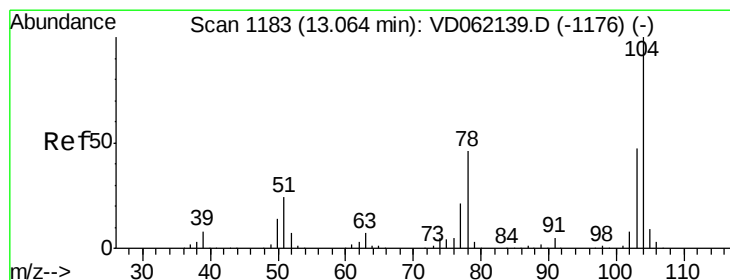
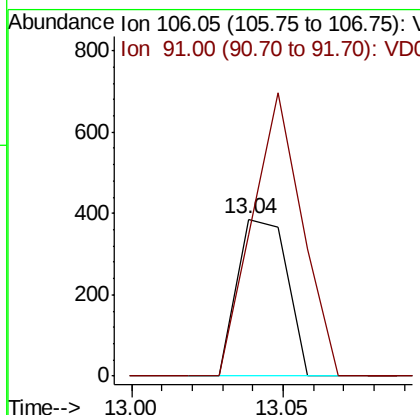
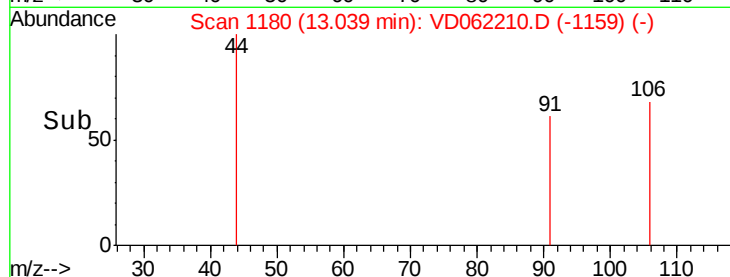
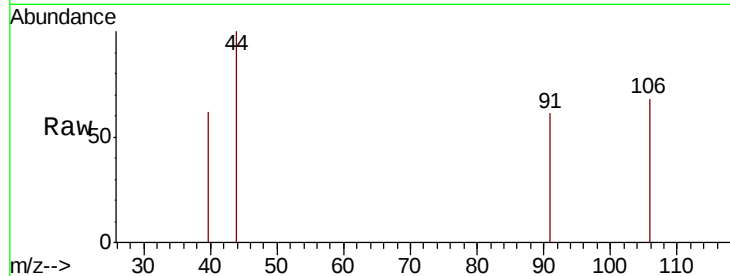




#69
o-Xylene
Concen: 2.255 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

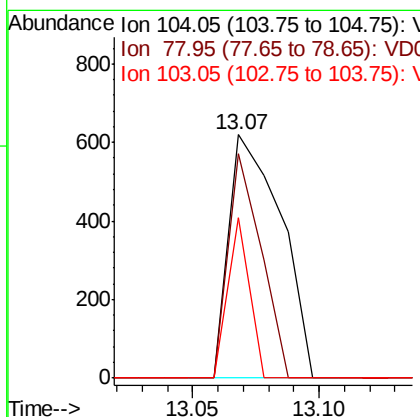
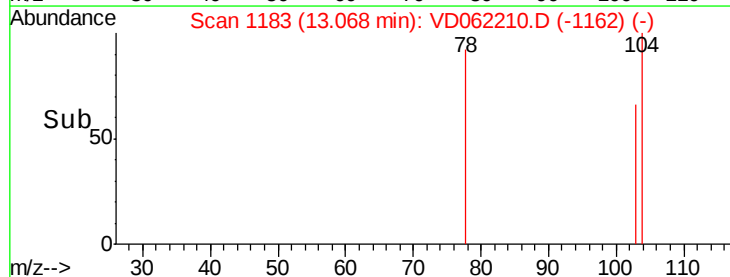
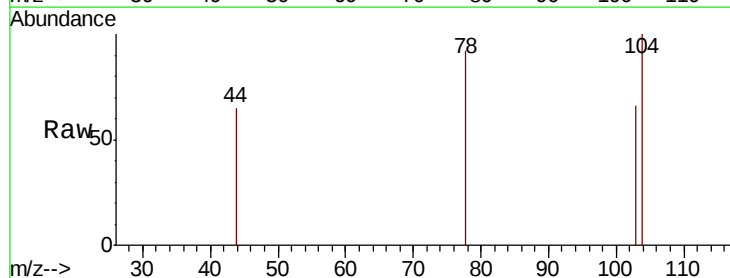
Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-1218-01RE

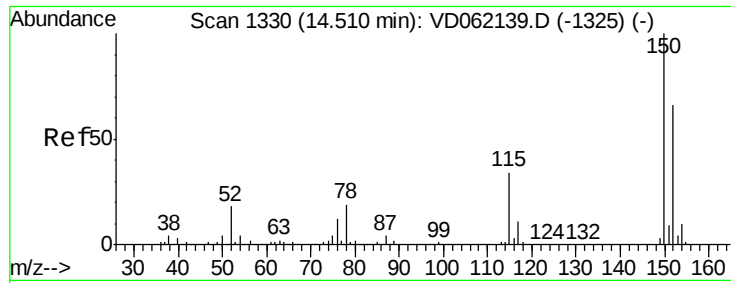
Tot Ion:106 Resp: 444
Ion Ratio Lower Upper
106 100
91 90.1 106.7 319.9#



#70
Styrene
Concen: 2.668 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062210.D
Acq: 10 May 2019 12:44

Tgt Ion:104 Resp: 890
Ion Ratio Lower Upper
104 100
78 92.3 35.4 53.2#
103 65.8 37.5 56.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

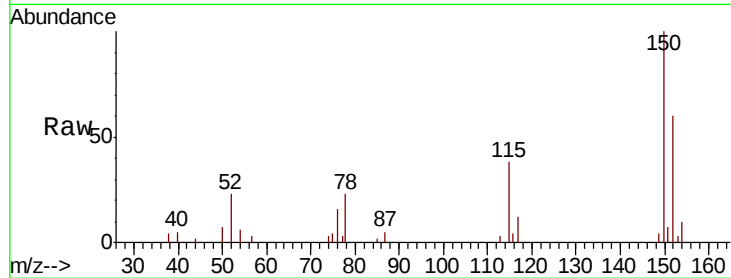
Tot Ion:152 Resp: 10721

Ion Ratio Lower Upper

152 100

115 63.5 30.9 92.7

150 165.5 0.0 314.8

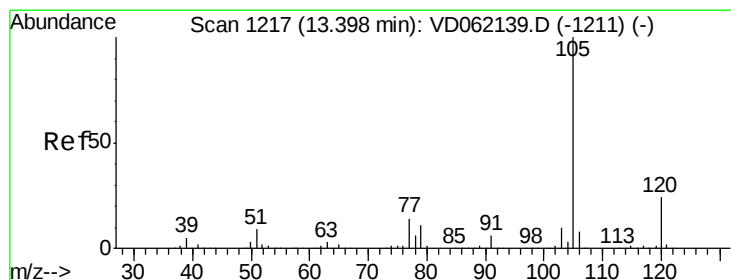
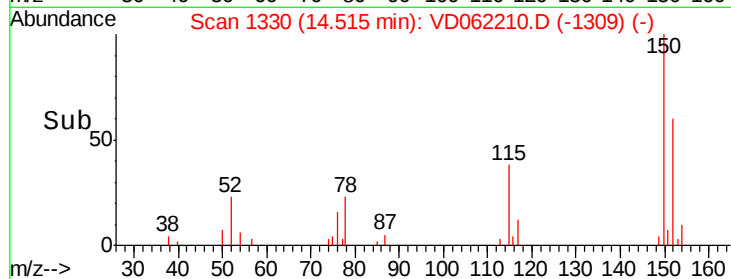
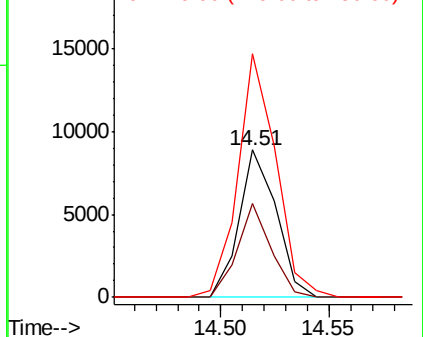


Abundance

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: 1.956 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062210.D

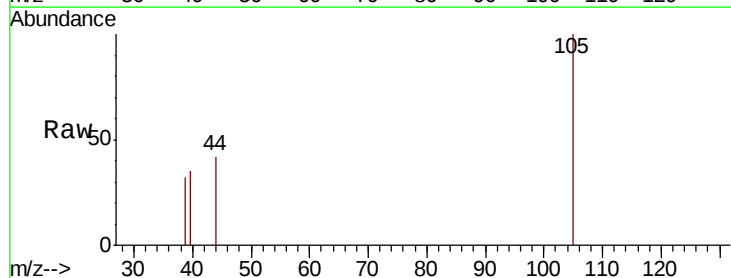
Acq: 10 May 2019 12:44

Tgt Ion:105 Resp: 1257

Ion Ratio Lower Upper

105 100

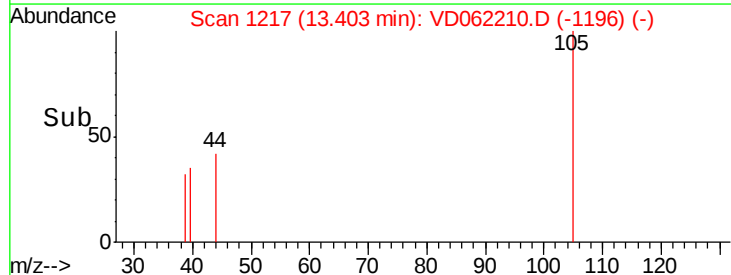
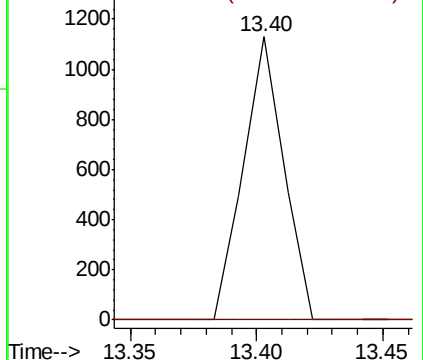
120 0.0 12.0 36.1#

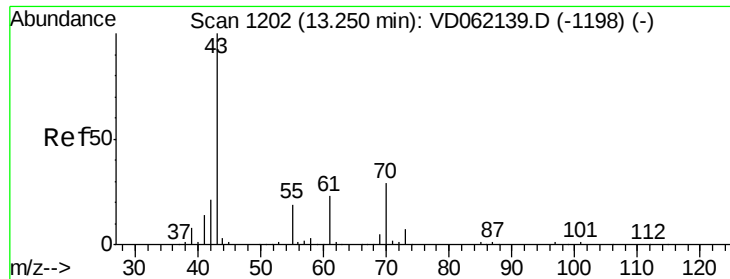


Abundance

Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 1.068 ug/l

RT: 13.32 min Scan# 1209

Delta R.T. 0.07 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

Tot Ion: 43 Resp: 180

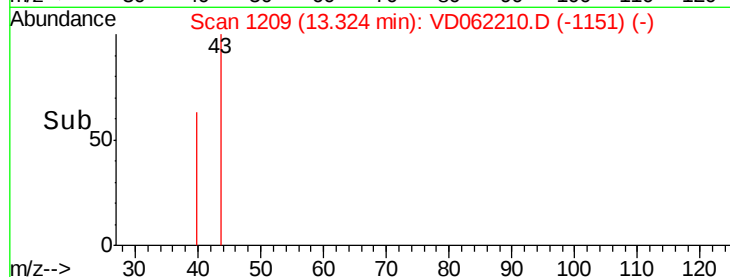
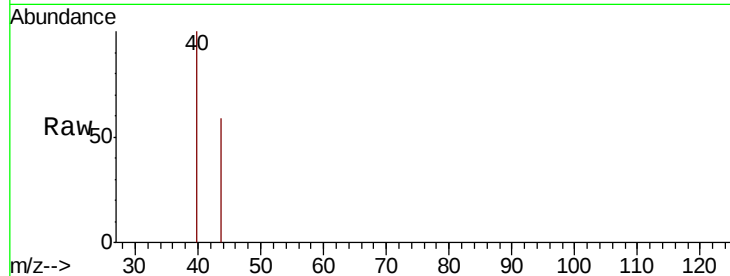
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 0.0 16.0 24.0#

61 0.0 21.6 32.4#

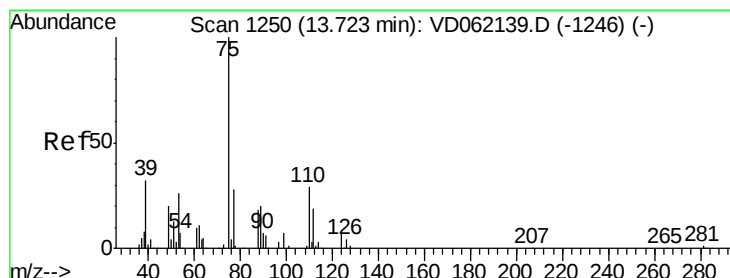
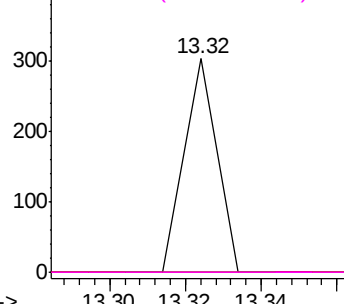


Abundance Ion 42.95 (42.65 to 43.65): VDC

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



#76

1,2,3-Trichloropropane

Concen: 22.957 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD062210.D

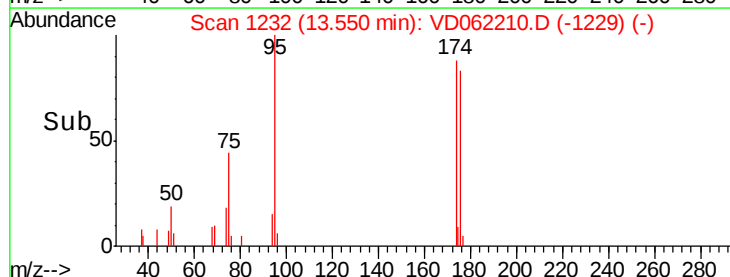
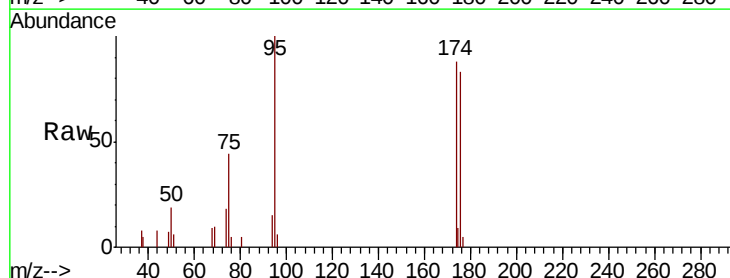
Acq: 10 May 2019 12:44

Tgt Ion: 75 Resp: 2925

Ion Ratio Lower Upper

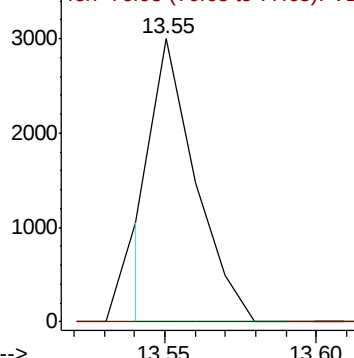
75 100

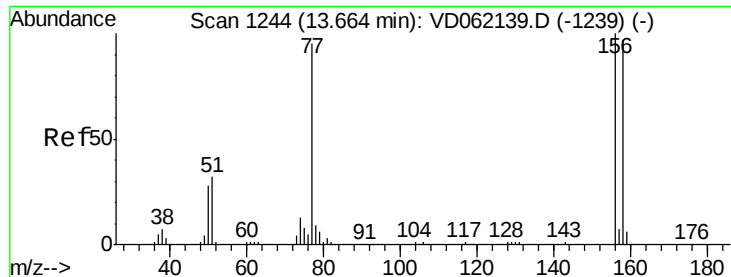
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 1.056 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

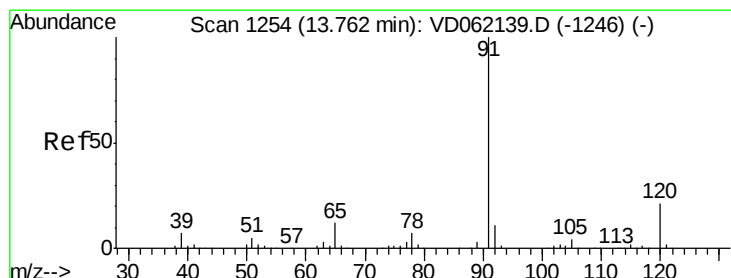
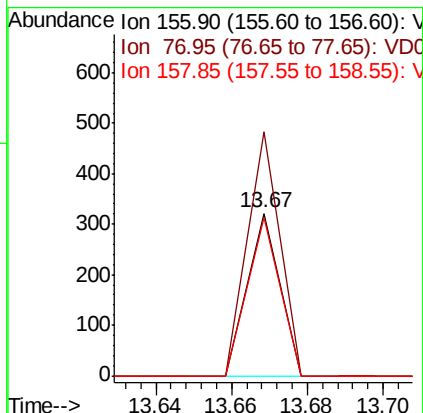
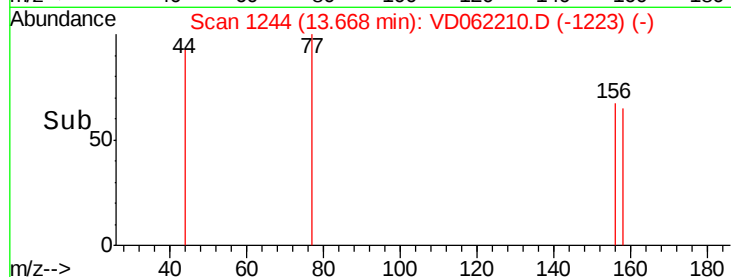
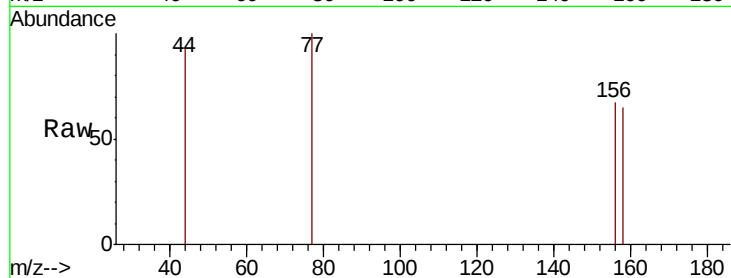
Tot Ion:156 Resp: 190

Ion Ratio Lower Upper

156 100

77 150.0 53.1 159.4

158 97.2 49.4 148.0



#78

n-propylbenzene

Concen: 2.143 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD062210.D

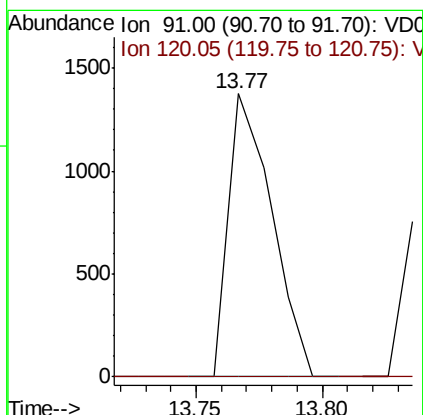
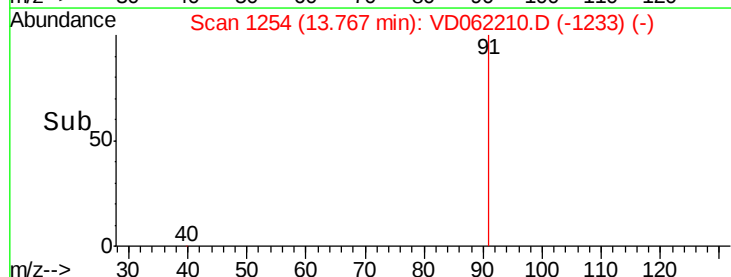
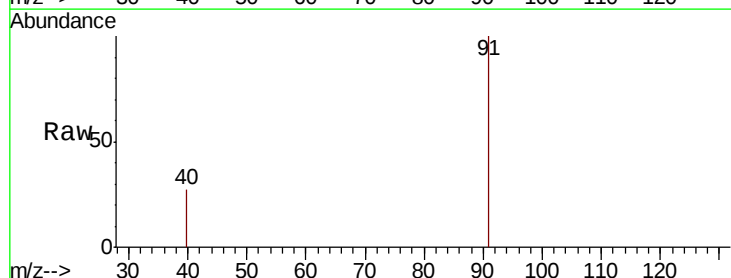
Acq: 10 May 2019 12:44

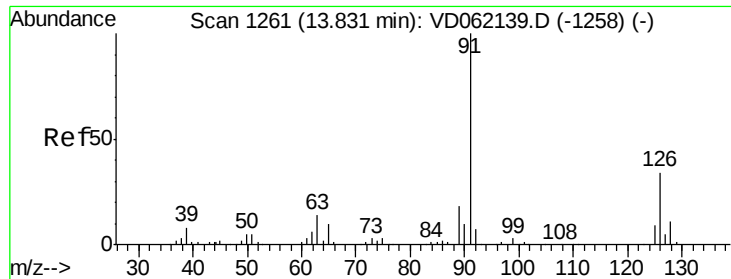
Tgt Ion: 91 Resp: 1643

Ion Ratio Lower Upper

91 100

120 0.0 11.1 33.1#





#79

2-Chlorotoluene

Concen: 1.911 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

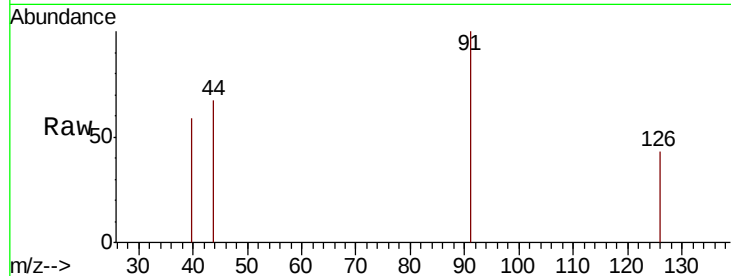
P026-SS004-1218-01RE

Tot Ion: 91 Resp: 839

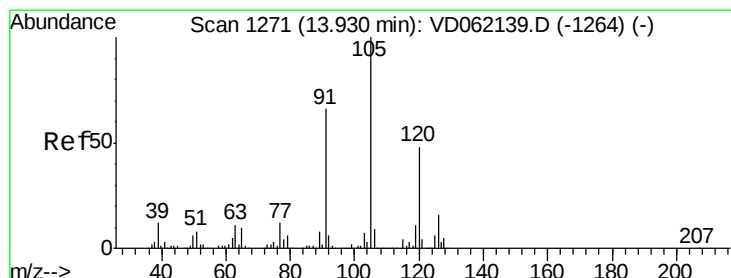
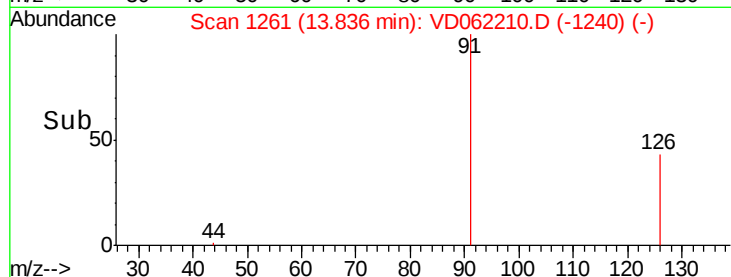
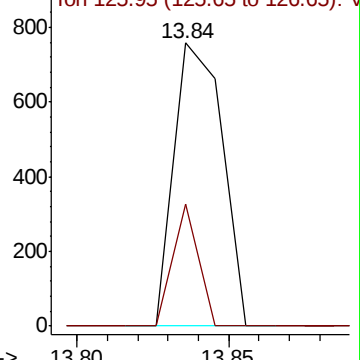
Ion Ratio Lower Upper

91 100

126 43.1 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VD062210.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.600 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062210.D

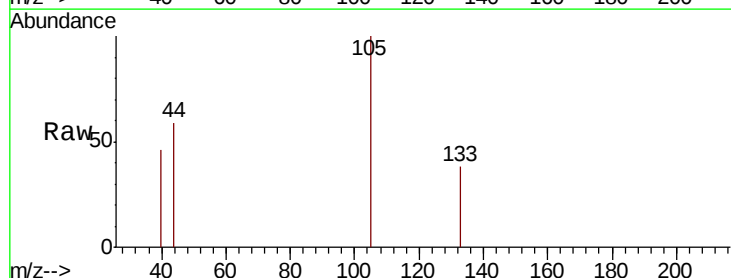
Acq: 10 May 2019 12:44

Tgt Ion: 105 Resp: 1407

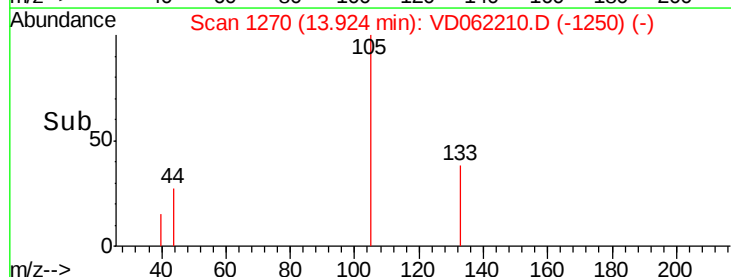
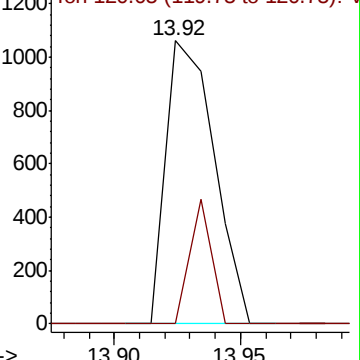
Ion Ratio Lower Upper

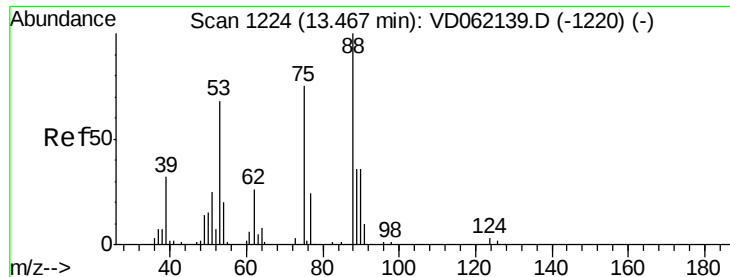
105 100

120 0.0 24.0 72.0#



Abundance Ion 105.05 (104.75 to 105.75): VD062210.D (-1250) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 98.641 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

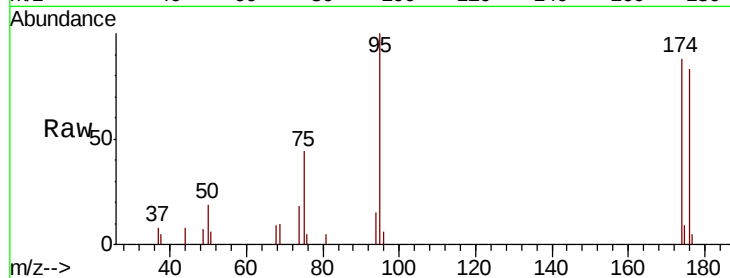
Tot Ion: 75 Resp: 3548

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

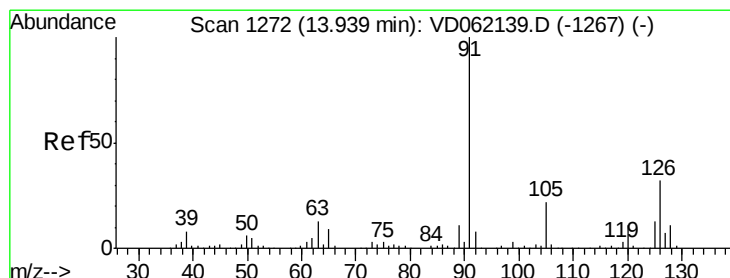
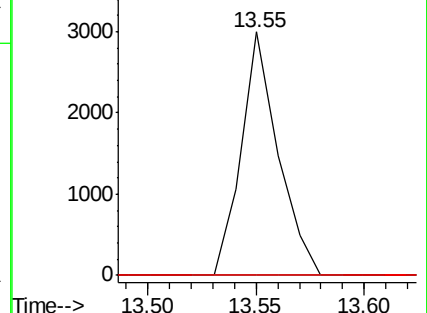
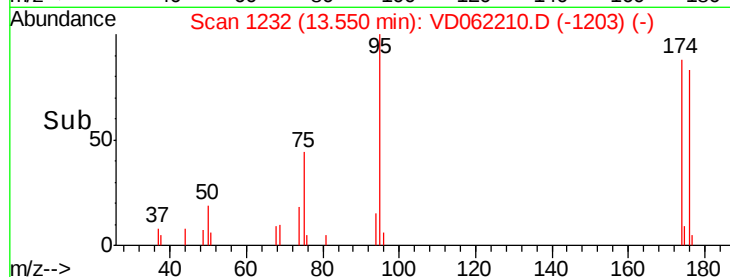
89 0.0 35.0 52.6#



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: 2.476 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD062210.D

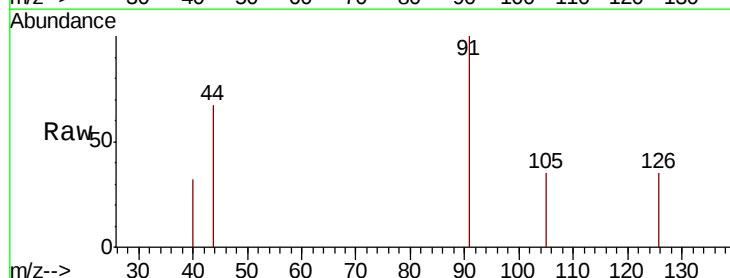
Acq: 10 May 2019 12:44

Tgt Ion: 91 Resp: 1279

Ion Ratio Lower Upper

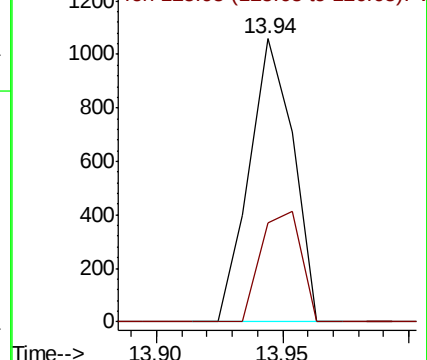
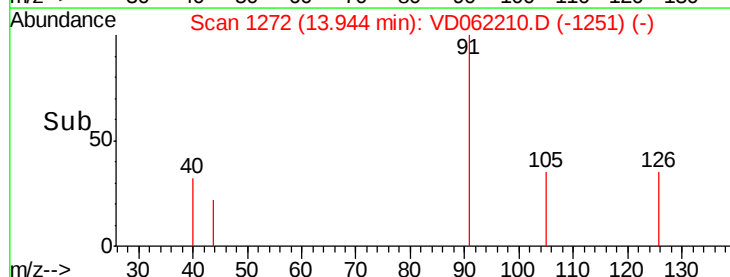
91 100

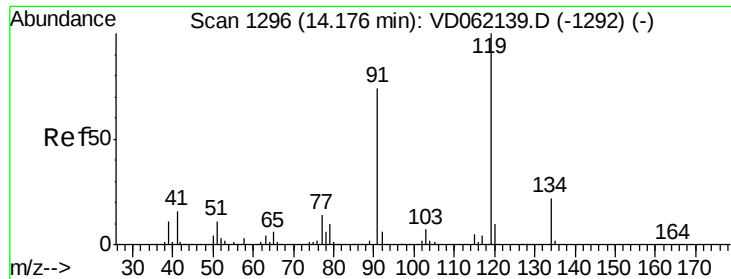
126 35.1 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

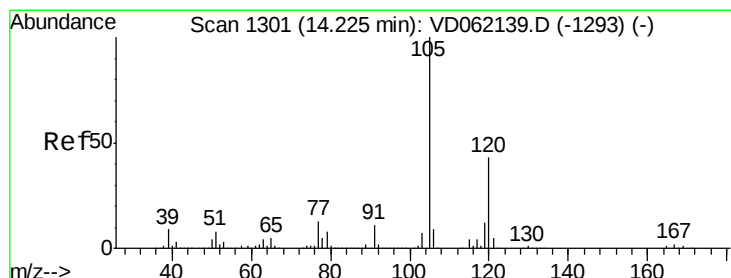
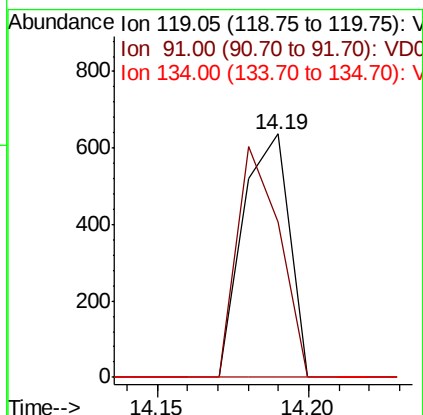
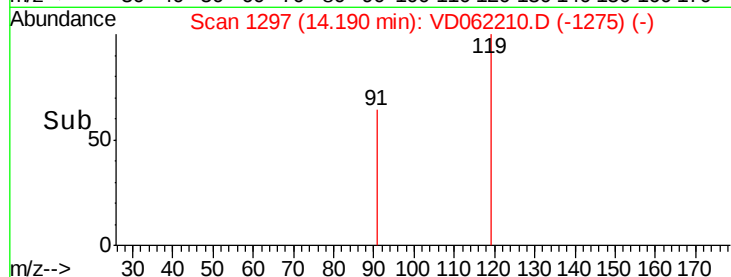
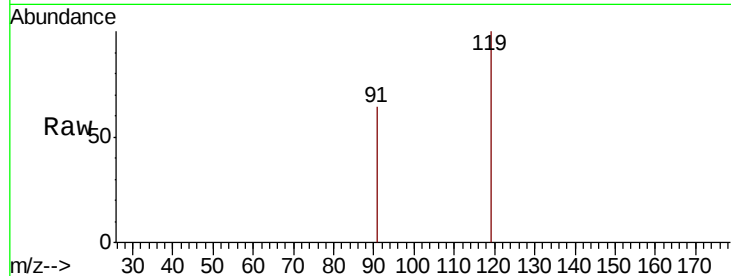




#83
 tert-Butylbenzene
 Concen: 1.125 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

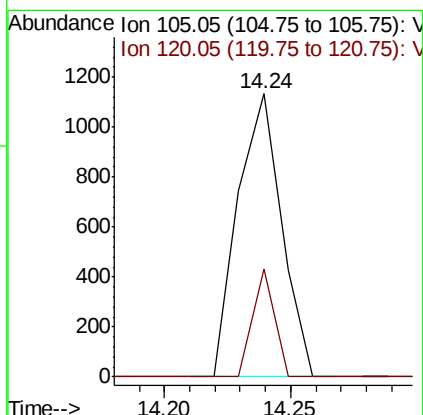
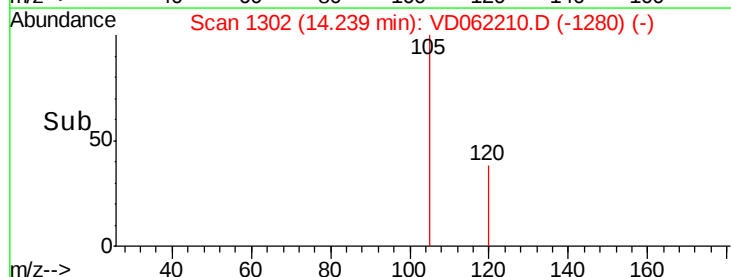
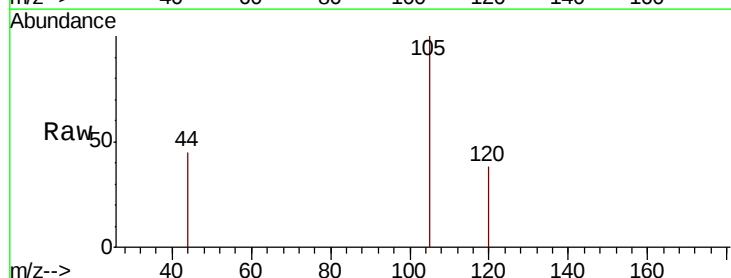
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1218-01RE

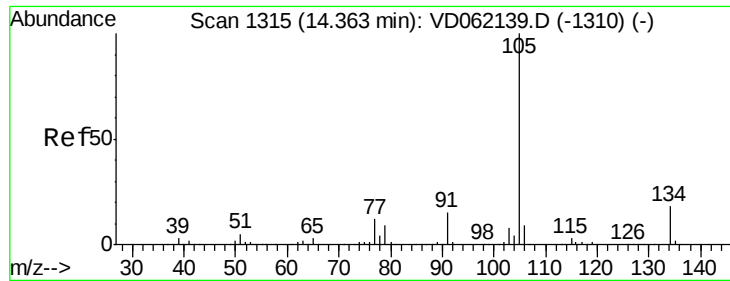
Tot Ion:119 Resp: 684
 Ion Ratio Lower Upper
 119 100
 91 63.9 34.2 102.6
 134 0.0 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.506 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Tgt Ion:105 Resp: 1361
 Ion Ratio Lower Upper
 105 100
 120 38.4 23.1 69.2

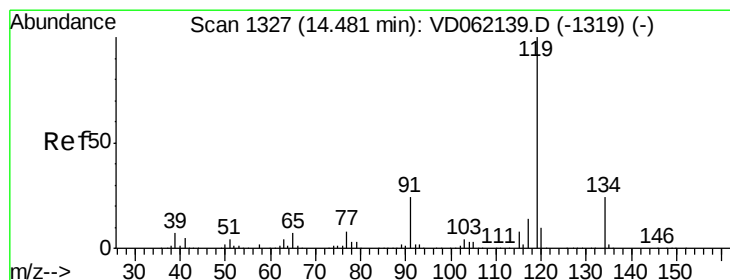
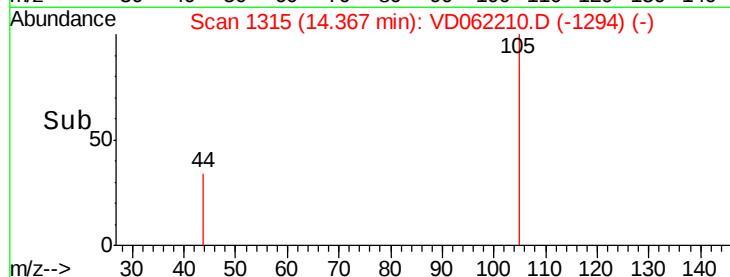
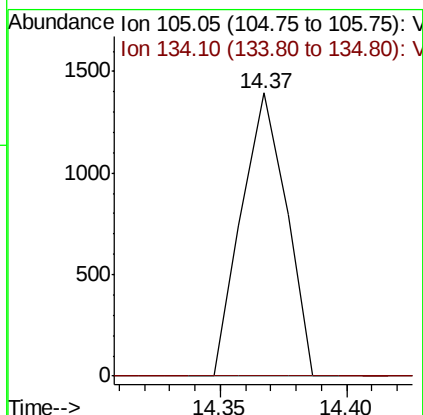
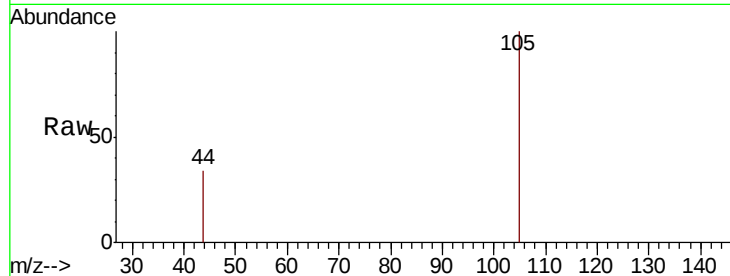




#85
 sec-Butylbenzene
 Concen: 2.594 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

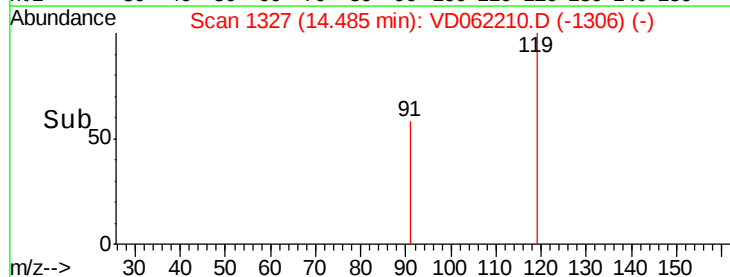
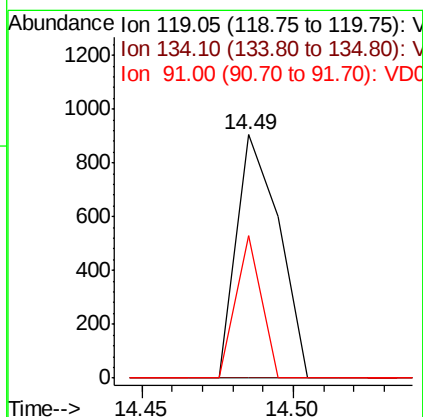
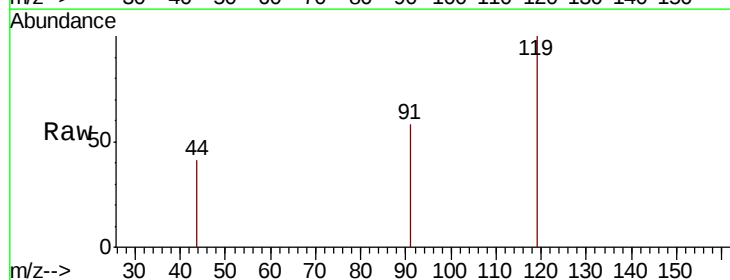
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1218-01RE

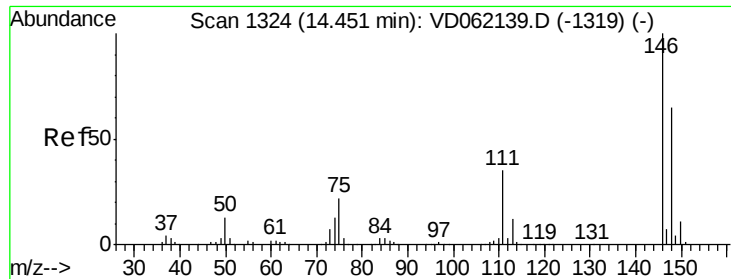
Tot Ion:105 Resp: 1730
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#



#86
 p-Isopropyltoluene
 Concen: 1.492 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Tgt Ion:119 Resp: 889
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 58.5 10.7 32.1#

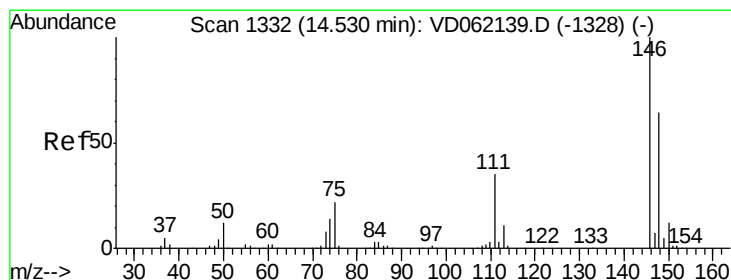
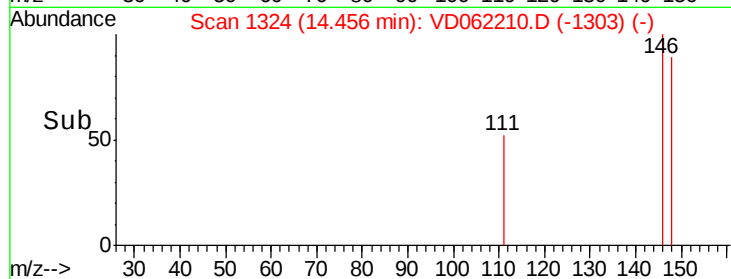
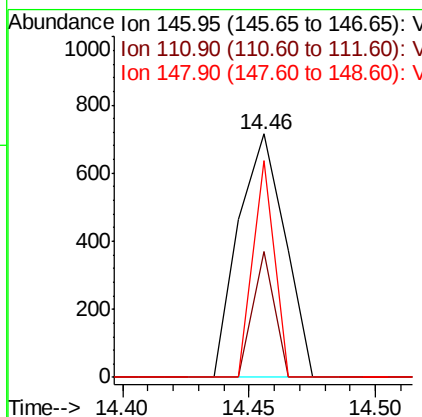
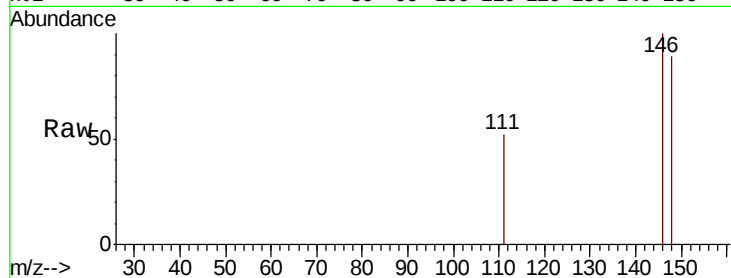




#87
 1,3-Dichlorobenzene
 Concen: 2.787 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

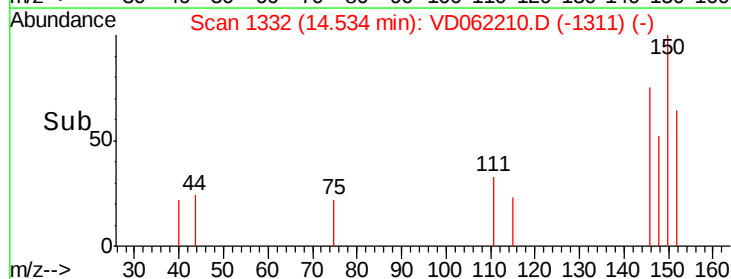
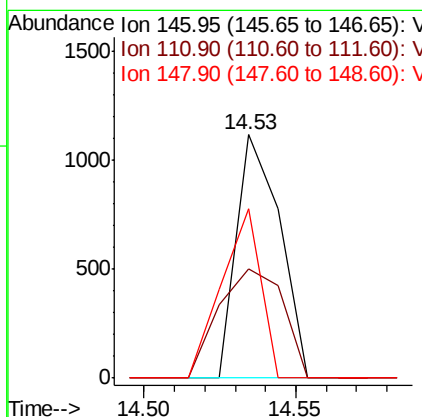
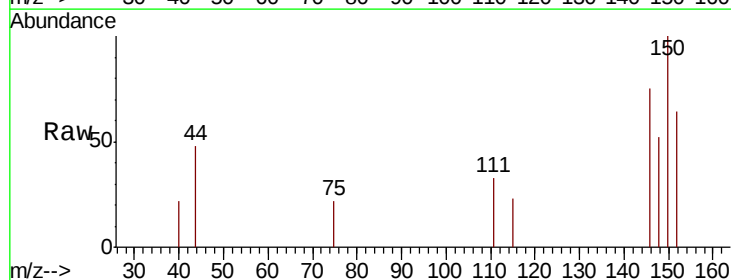
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1218-01RE

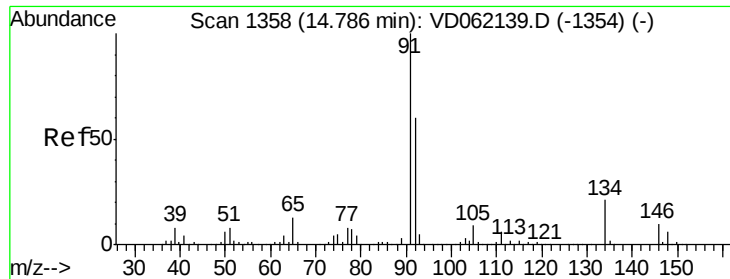
Tot Ion:146 Resp: 916
 Ion Ratio Lower Upper
 146 100
 111 51.7 20.0 60.0
 148 89.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 3.465 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Tgt Ion:146 Resp: 1119
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.2 60.5
 148 69.7 32.0 96.2





#89

n-Butylbenzene

Concen: 2.496 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

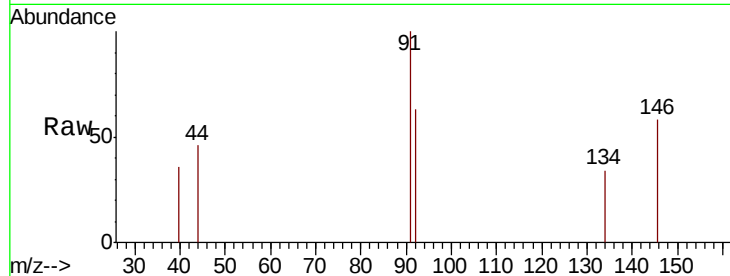
Tot Ion: 91 Resp: 1335

Ion Ratio Lower Upper

91 100

92 62.9 30.3 91.0

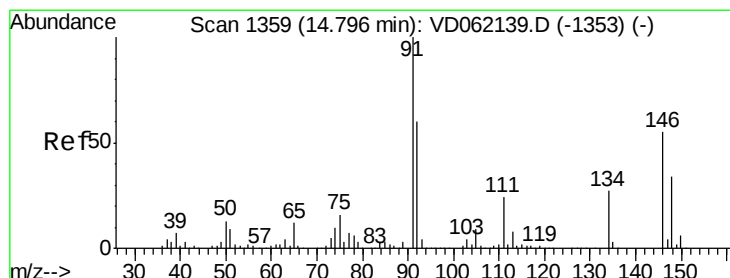
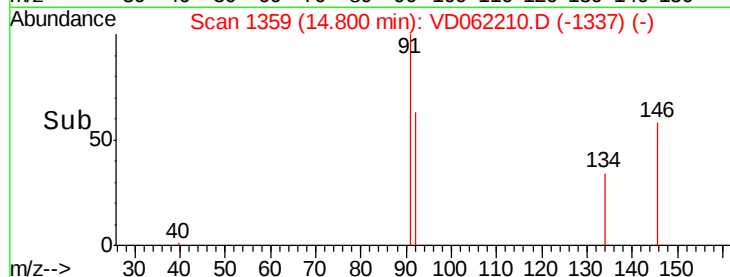
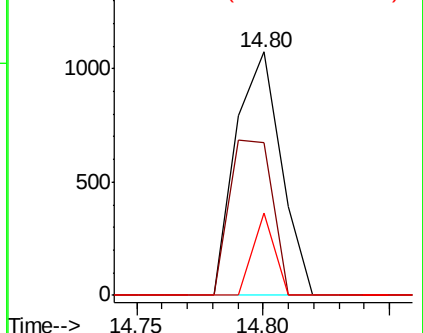
134 34.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#91

1,2-Dichlorobenzene

Concen: 3.747 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

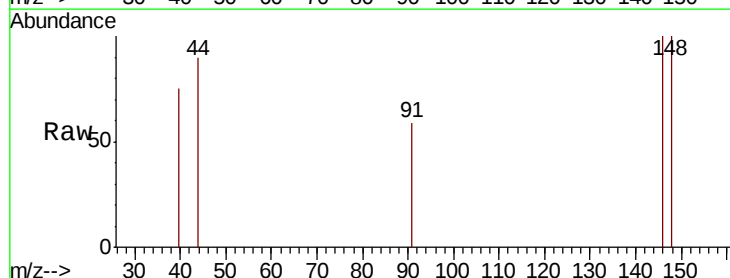
Tgt Ion: 146 Resp: 1014

Ion Ratio Lower Upper

146 100

111 0.0 20.0 59.9#

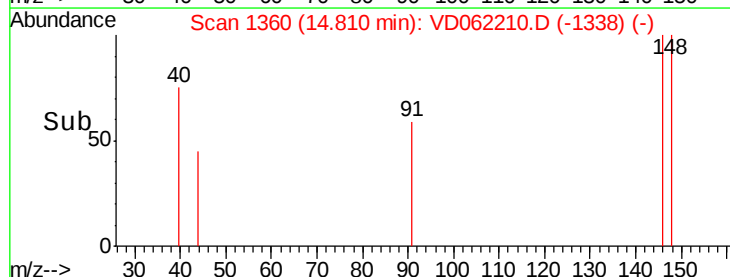
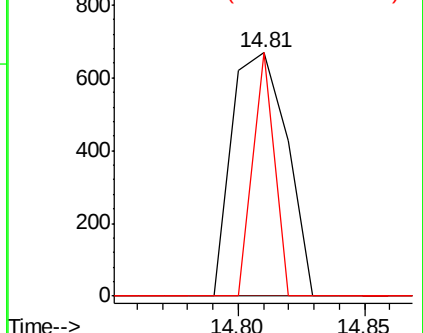
148 100.0 32.3 96.8#

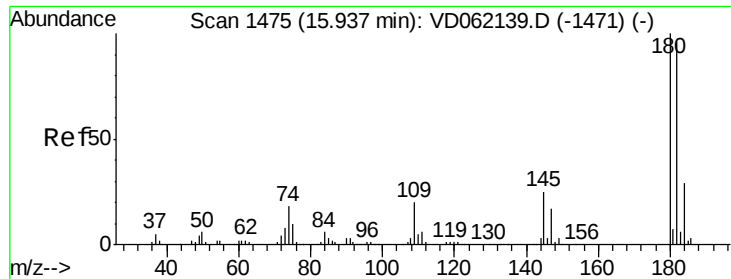


Abundance Ion 145.95 (145.65 to 146.65): VDC

Ion 110.90 (110.60 to 111.60): VDC

Ion 147.90 (147.60 to 148.60): VDC

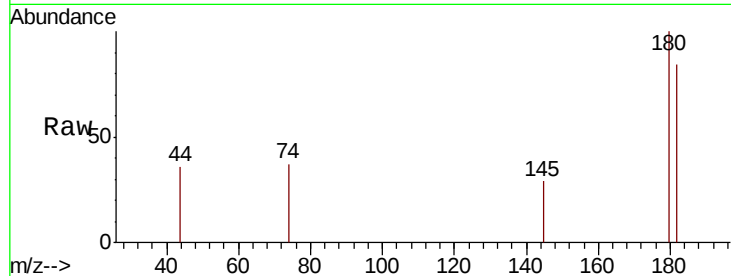




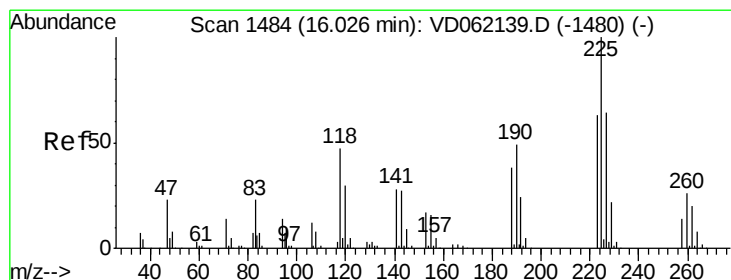
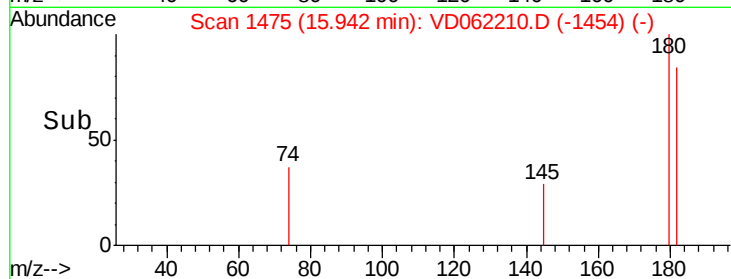
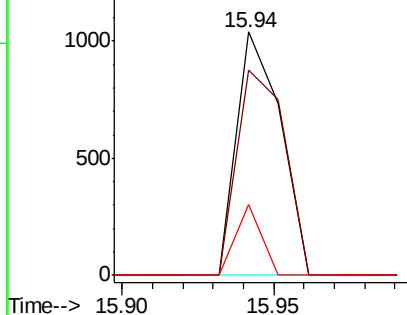
#93
 1,2,4-Trichlorobenzene
 Concen: 5.310 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1218-01RE

Tot Ion:180 Resp: 1046
 Ion Ratio Lower Upper
 180 100
 182 84.1 49.3 147.8
 145 29.2 16.2 48.6

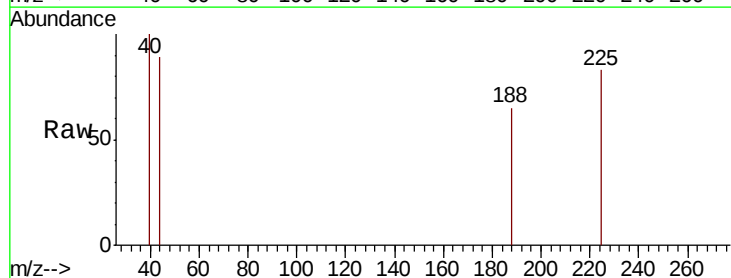


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

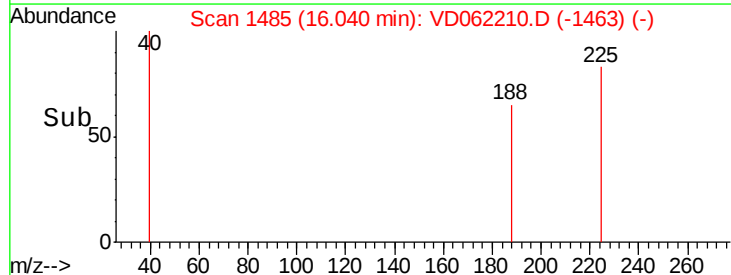
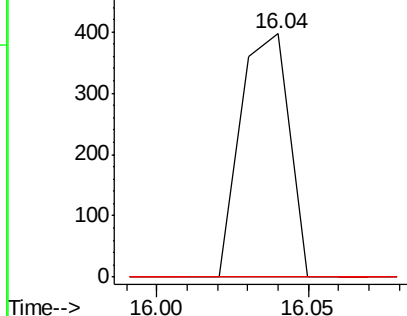


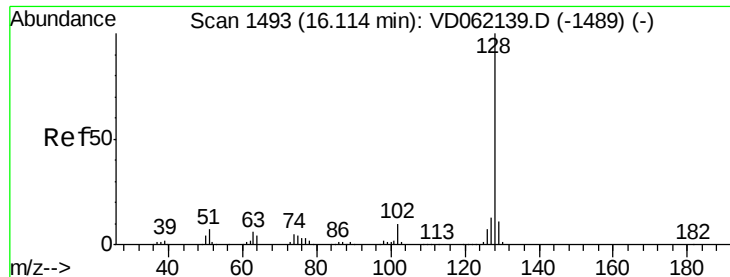
#94
 Hexachlorobutadiene
 Concen: 3.044 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD062210.D
 Acq: 10 May 2019 12:44

Tgt Ion:225 Resp: 446
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.6 92.0#
 227 0.0 32.0 96.2#



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 7.297 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1218-01RE

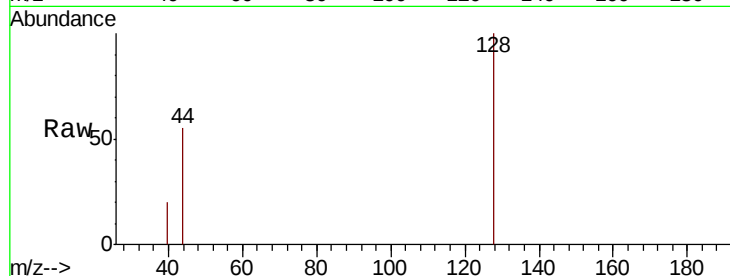
Tot Ion:128 Resp: 2007

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

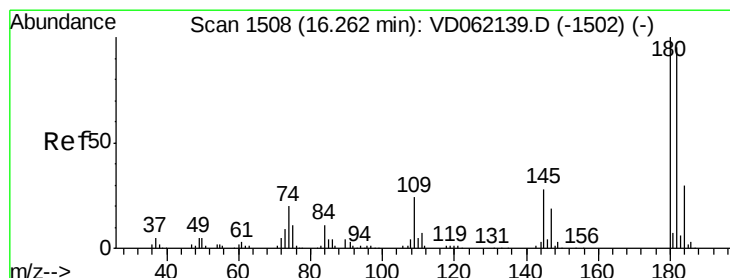
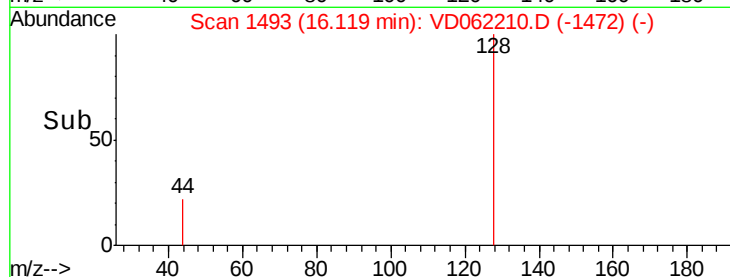
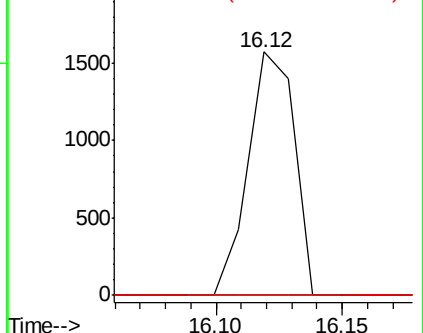
129 0.0 8.8 13.2#



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



#96

1,2,3-Trichlorobenzene

Concen: 6.806 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VD062210.D

Acq: 10 May 2019 12:44

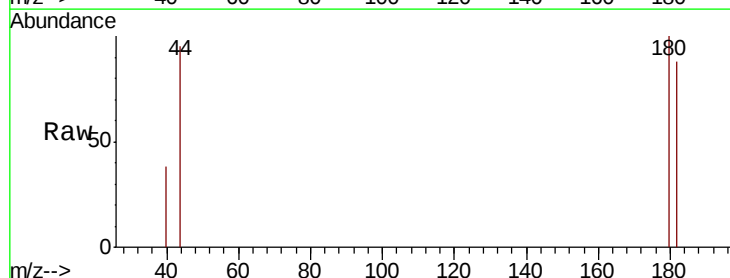
Tgt Ion:180 Resp: 843

Ion Ratio Lower Upper

180 100

182 88.3 47.0 141.0

145 0.0 17.0 51.0#



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

