

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062240.D
 Acq On : 11 May 2019 16:31
 Operator : FY/SY
 Sample : K2718-11RE
 Misc : 5.20g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0002-02RE

Quant Time: May 11 22:22:42 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	7.04	168	176007	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	230109	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	102409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	21094	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	135196	82.66	ug/l	0.02
Spiked Amount			Recovery	=	165.32%	
35) Dibromofluoromethane	6.93	113	133854	70.11	ug/l	0.03
Spiked Amount			Recovery	=	140.22%	
50) Toluene-d8	10.41	98	178811	38.84	ug/l	0.01
Spiked Amount			Recovery	=	77.68%	
62) 4-Bromofluorobenzene	13.55	95	30645	16.58	ug/l	0.00
Spiked Amount			Recovery	=	33.16%	

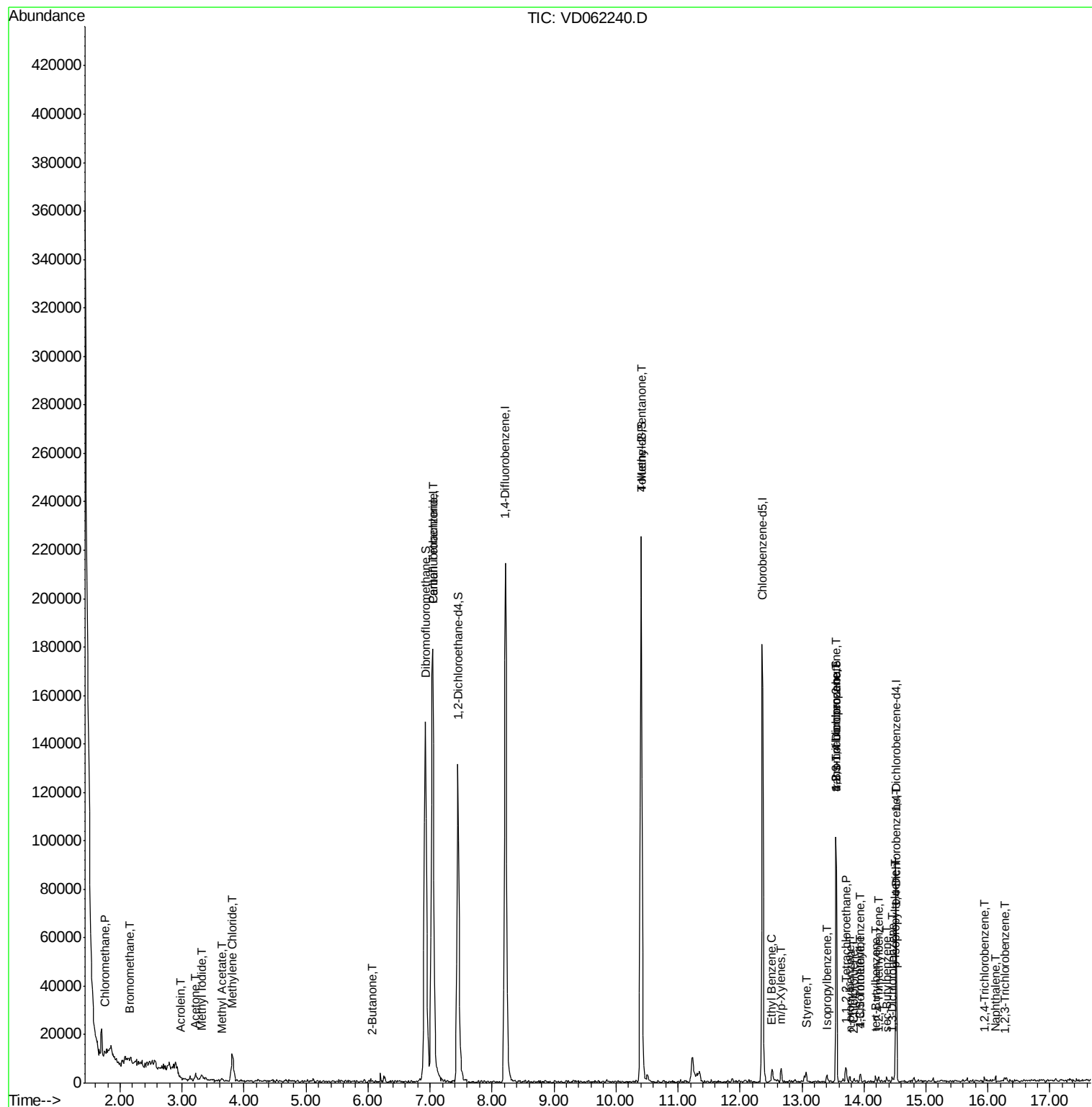
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	1257	1.033	ug/l #	43
5) Bromomethane	2.17	94	2225	7.943	ug/l #	55
10) Methyl Iodide	3.33	142	4263	1.604	ug/l #	76
13) Acrolein	2.98	56	177	2.050	ug/l #	18
16) Acetone	3.22	43	5051	14.725	ug/l #	87
18) Methyl Acetate	3.64	43	1911	2.829	ug/l #	53
20) Methylene Chloride	3.81	84	8241	5.754	ug/l #	83
25) 2-Butanone	6.07	43	436	1.165	ug/l #	56
38) Carbon Tetrachloride	7.04	117	20189	7.731	ug/l #	12
51) 4-Methyl-2-Pentanone	10.41	43	1101	1.509	ug/l #	1
67) Ethyl Benzene	12.53	91	3904	1.223	ug/l #	67
68) m/p-Xylenes	12.66	106	1581	1.361	ug/l	79
70) Styrene	13.07	104	2351	1.285	ug/l #	83
73) Isopropylbenzene	13.40	105	3178	2.513	ug/l	87
75) 1,1,2,2-Tetrachloroethane	13.70	83	270	1.128	ug/l #	25
76) 1,2,3-Trichloropropane	13.55	75	11821	47.155	ug/l #	42
78) n-propylbenzene	13.78	91	2397	1.589	ug/l	97
79) 2-Chlorotoluene	13.84	91	1158	1.341	ug/l	82
80) 1,3,5-Trimethylbenzene	13.93	105	1468	1.379	ug/l	87
81) trans-1,4-Dichloro-2-buten	13.55	75	13664	193.077	ug/l #	16
82) 4-Chlorotoluene	13.94	91	1715	1.687	ug/l	79
83) tert-Butylbenzene	14.19	119	1314	1.098	ug/l #	82
84) 1,2,4-Trimethylbenzene	14.24	105	1370	1.282	ug/l	97
85) sec-Butylbenzene	14.37	105	1740	1.326	ug/l #	80
86) p-Isopropyltoluene	14.49	119	1915	1.633	ug/l #	71
87) 1,3-Dichlorobenzene	14.46	146	1120	1.732	ug/l	88
88) 1,4-Dichlorobenzene	14.53	146	1034	1.627	ug/l	91
93) 1,2,4-Trichlorobenzene	15.94	180	664	1.713	ug/l #	64
95) Naphthalene	16.13	128	2568	4.746	ug/l #	80
96) 1,2,3-Trichlorobenzene	16.28	180	661	2.712	ug/l #	62

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

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

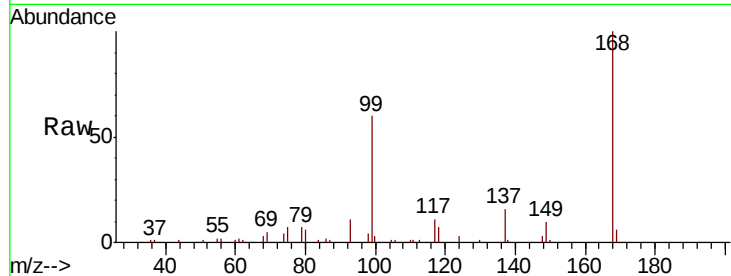
P026-SS006-0002-02RE

Tot Ion:168 Resp: 176007

Ion Ratio Lower Upper

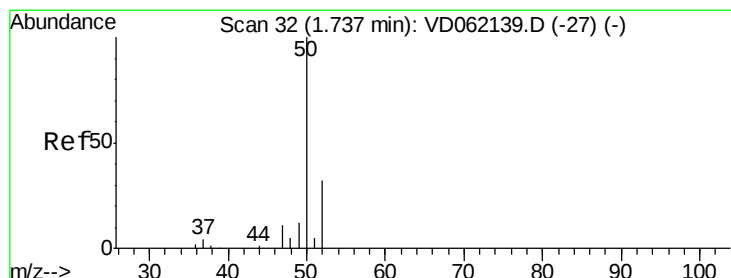
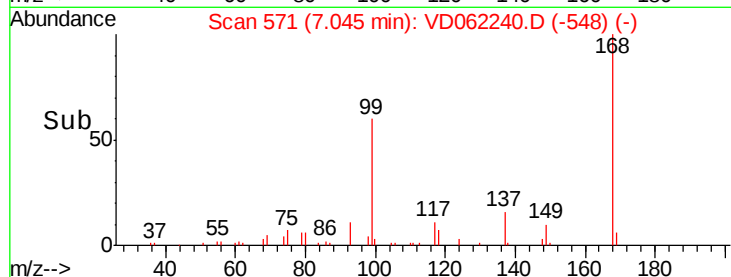
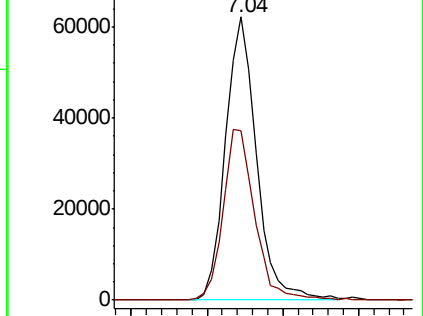
168 100

99 60.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 1.033 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062240.D

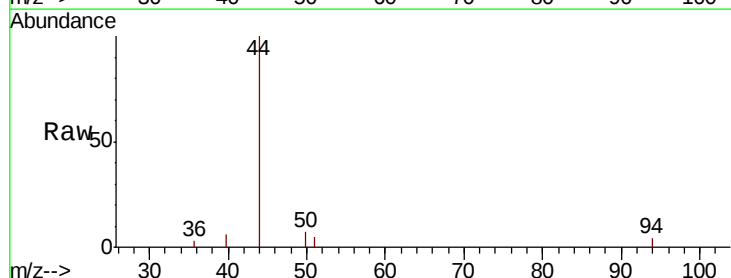
Acq: 11 May 2019 16:31

Tgt Ion: 50 Resp: 1257

Ion Ratio Lower Upper

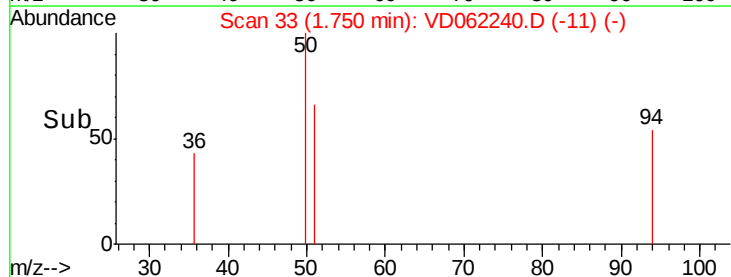
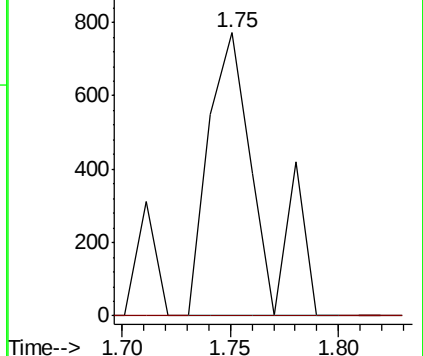
50 100

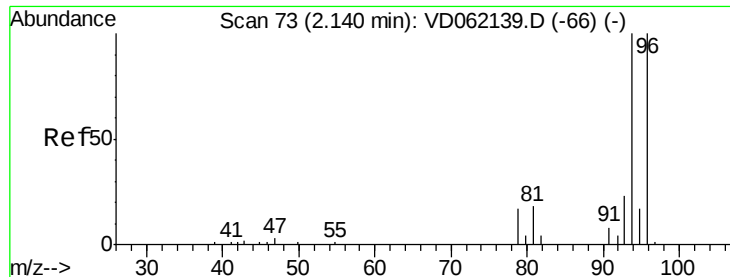
52 0.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 7.943 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.03 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-0002-02RE

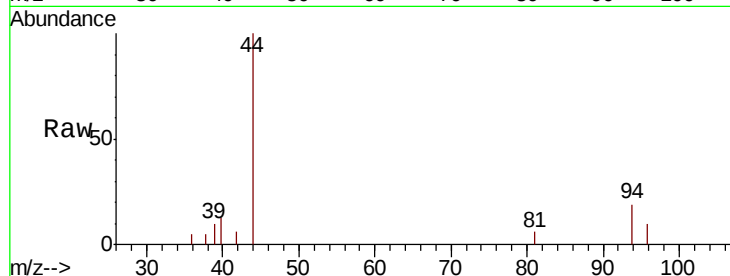
Tot Ion: 94 Resp: 2225

Ion Ratio Lower Upper

94 100

96 52.5 76.6 115.0#

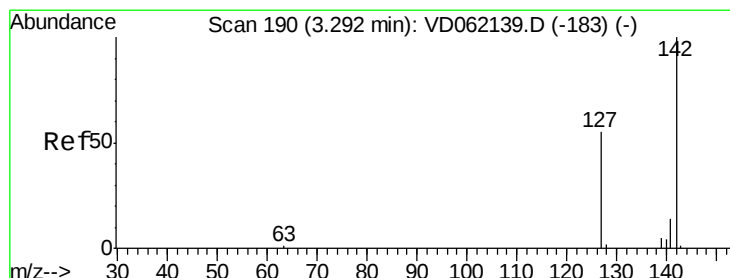
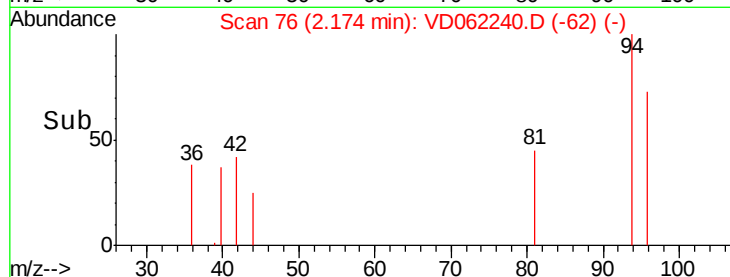
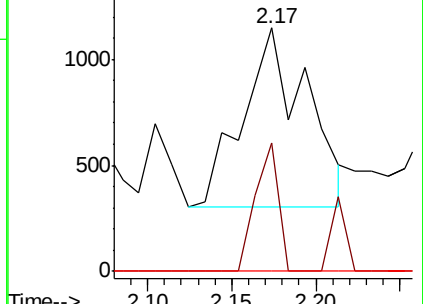
93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#10

Methyl Iodide

Concen: 1.604 ug/l

RT: 3.33 min Scan# 193

Delta R.T. 0.03 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

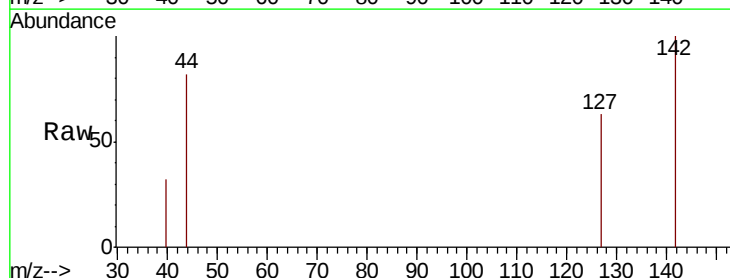
Tgt Ion: 142 Resp: 4263

Ion Ratio Lower Upper

142 100

127 62.7 38.8 58.2#

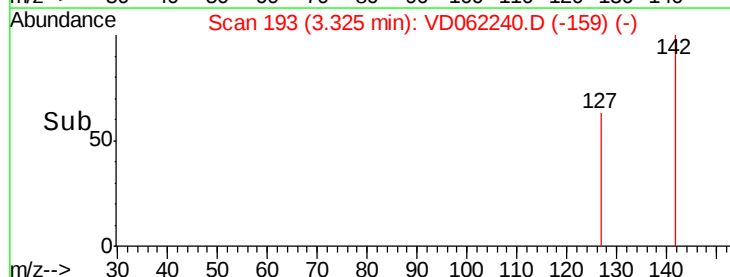
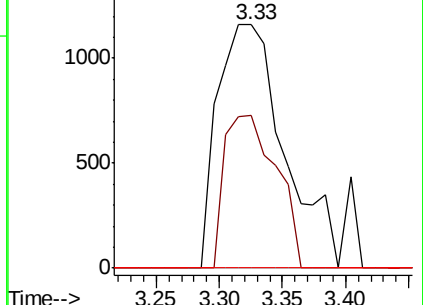
141 0.0 11.4 17.0#

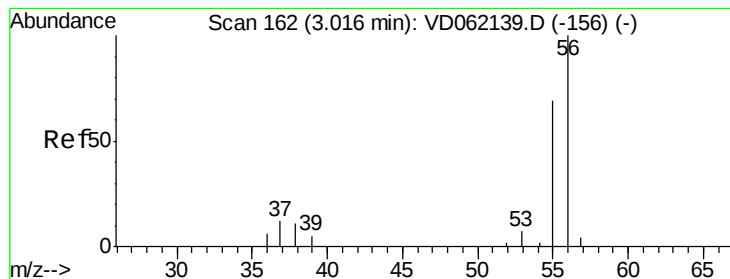


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#13

Acrolein

Concen: 2.050 ug/l

RT: 2.98 min Scan# 158

Delta R.T. -0.04 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

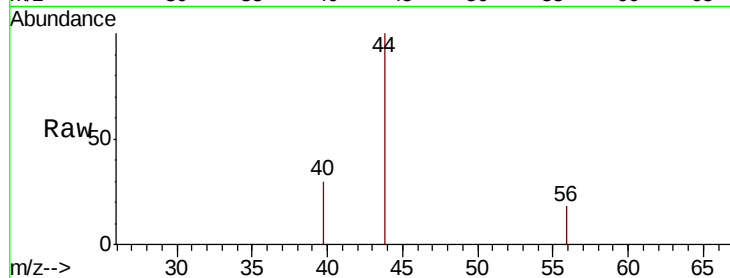
P026-SS006-0002-02RE

Tot Ion: 56 Resp: 177

Ion Ratio Lower Upper

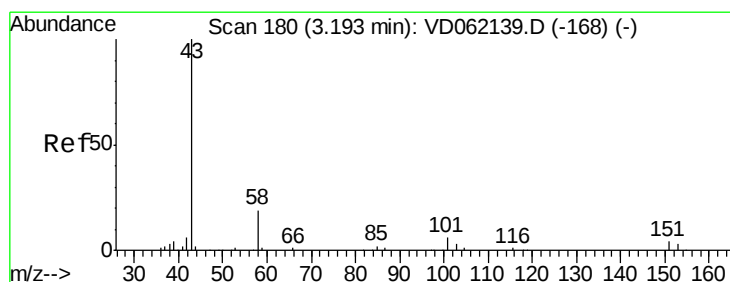
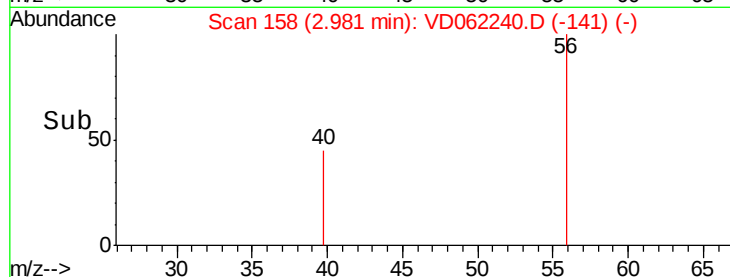
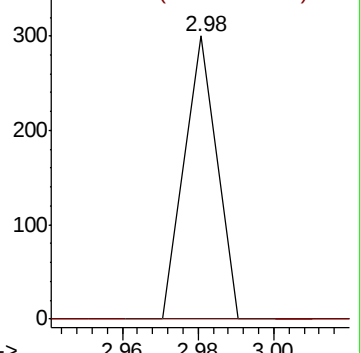
56 100

55 0.0 51.4 77.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 14.725 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062240.D

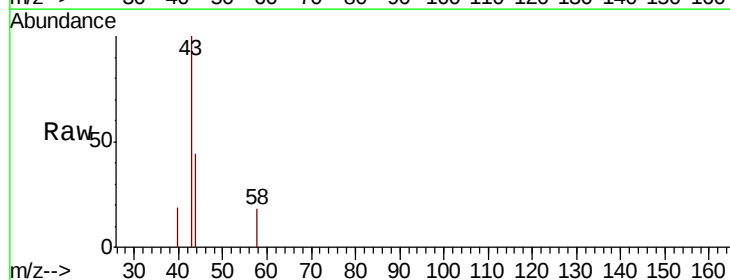
Acq: 11 May 2019 16:31

Tgt Ion: 43 Resp: 5051

Ion Ratio Lower Upper

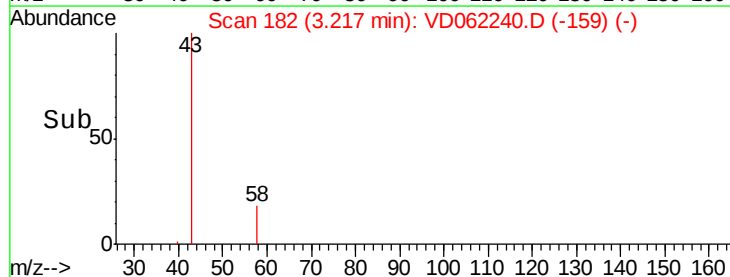
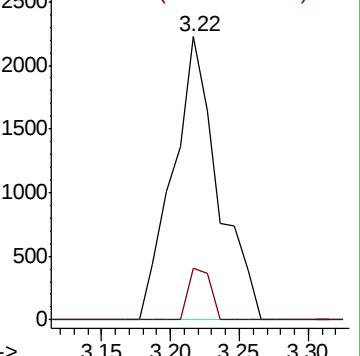
43 100

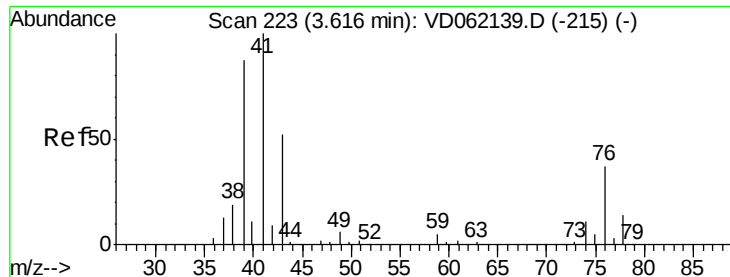
58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

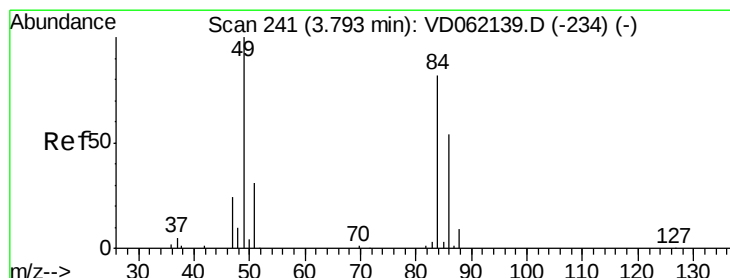
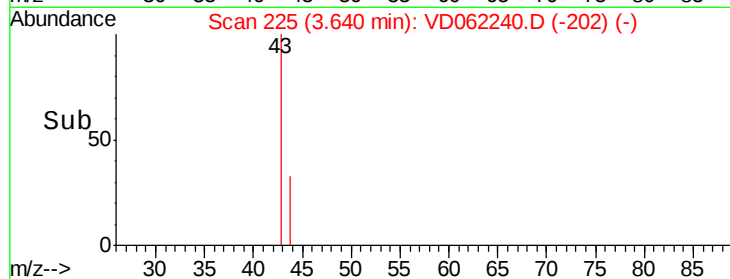
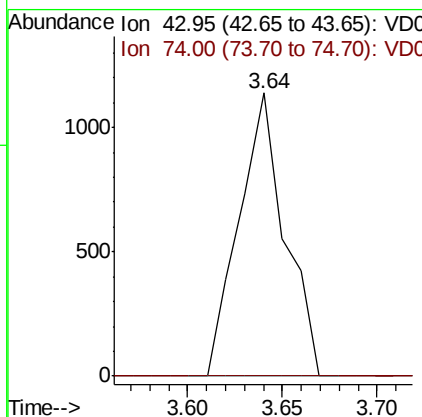
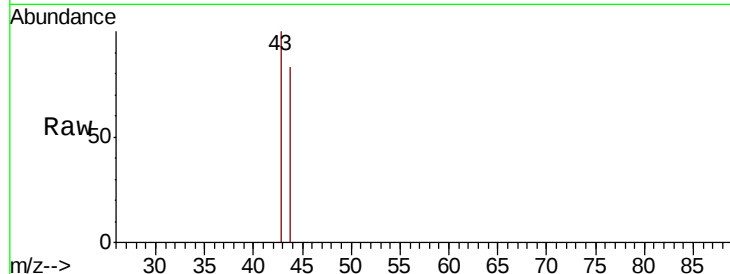




#18
Methyl Acetate
Concen: 2.829 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

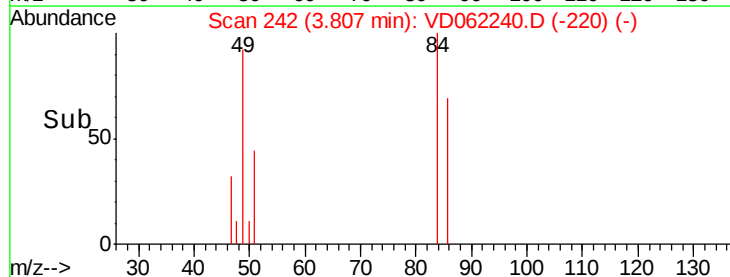
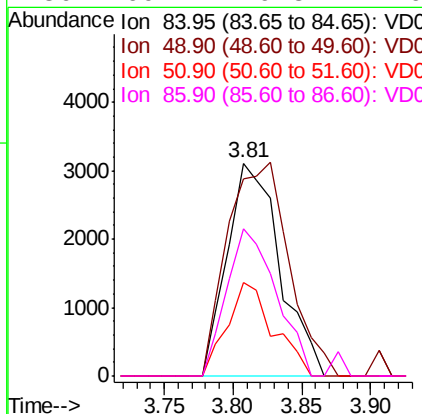
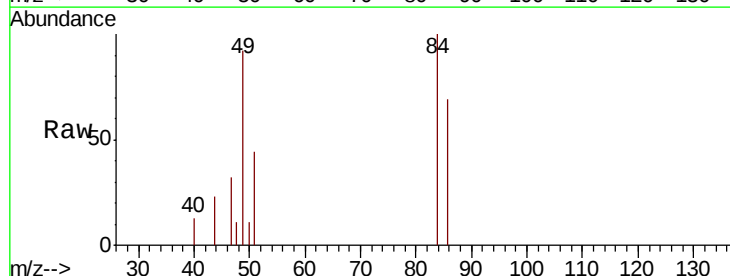
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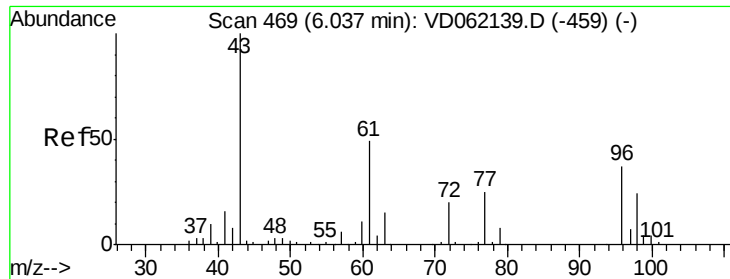
Tot Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#20
Methylene Chloride
Concen: 5.754 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion: 84 Resp: 8241
Ion Ratio Lower Upper
84 100
49 92.4 94.0 141.0#
51 43.8 29.0 43.4#
86 69.4 49.8 74.6

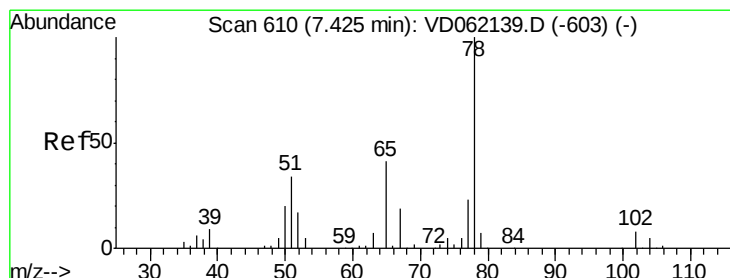
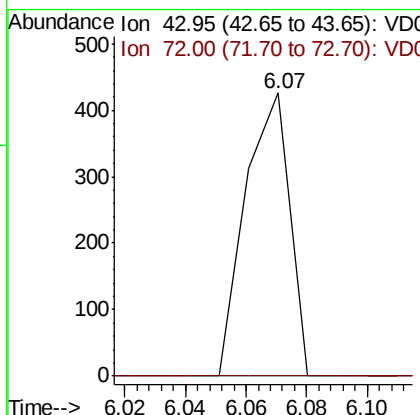
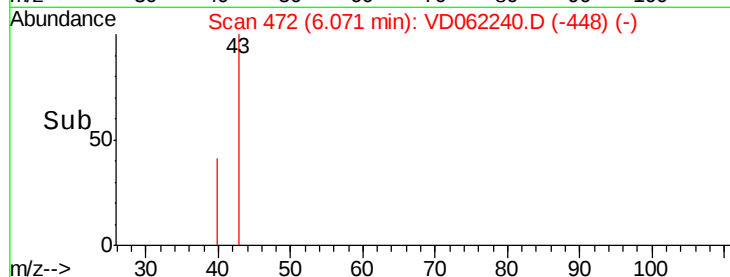
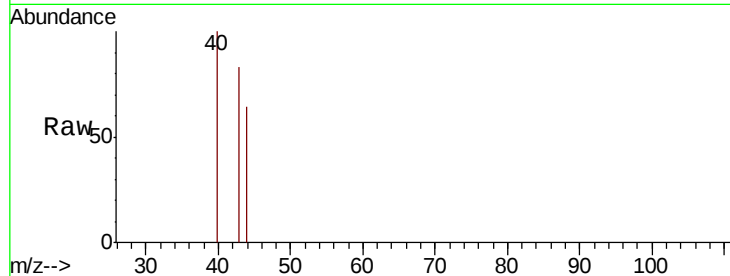




#25
2-Butanone
Concen: 1.165 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.03 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

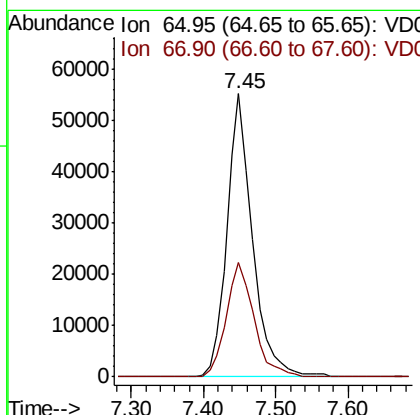
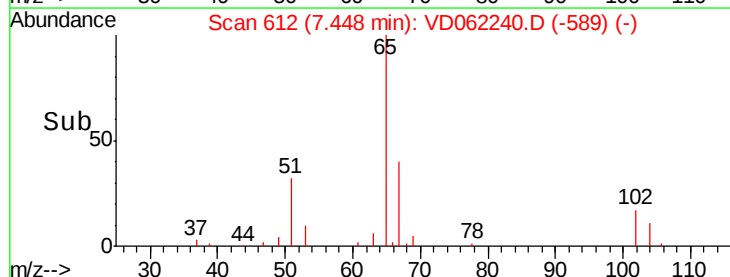
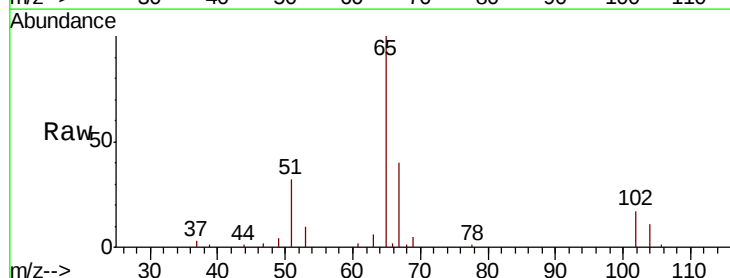
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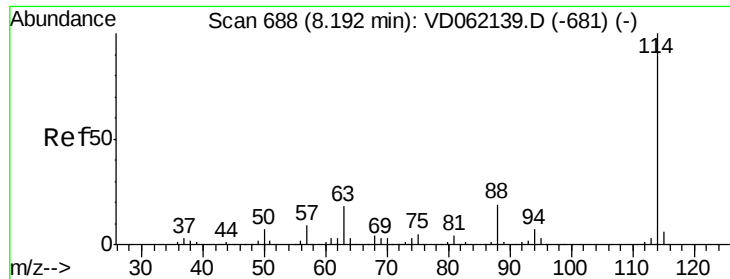
Tot Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#



#33
1,2-Dichloroethane-d4
Concen: 82.656 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion: 65 Resp: 135196
Ion Ratio Lower Upper
65 100
67 40.3 0.0 98.0

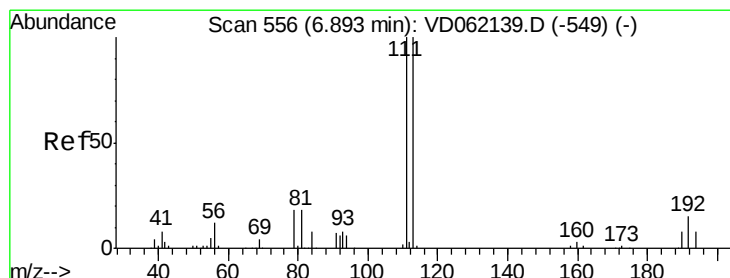
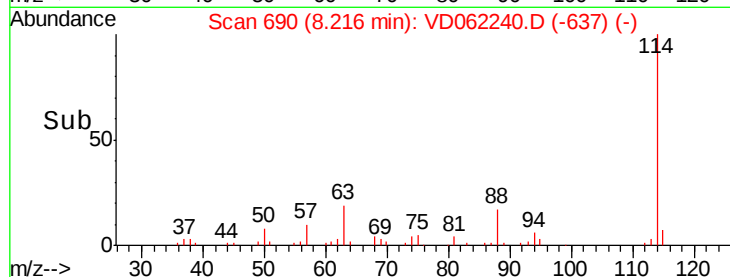
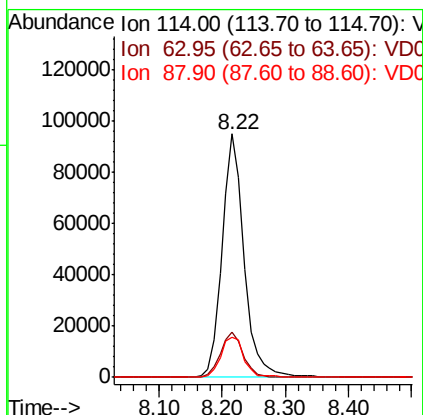
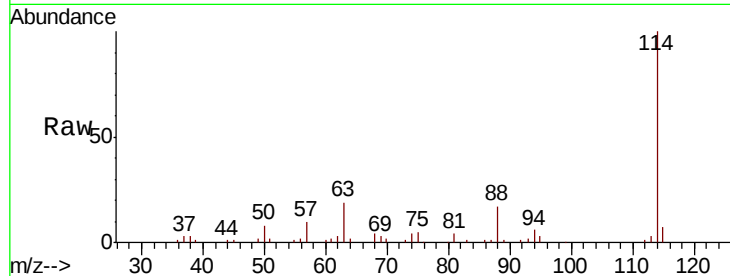




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062240.D
 Acq: 11 May 2019 16:31

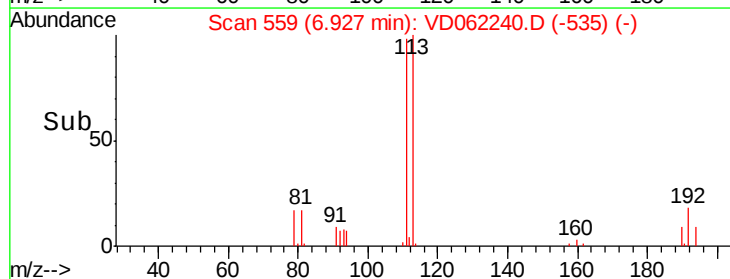
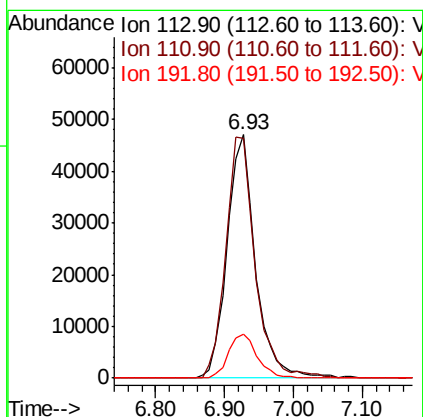
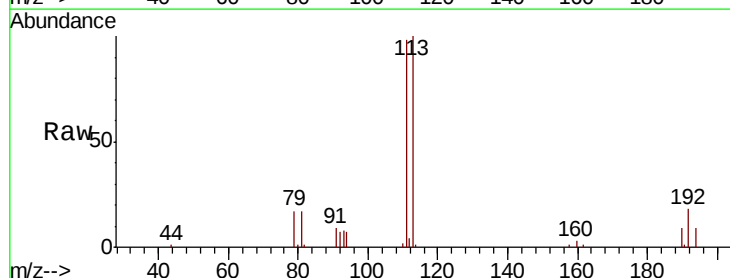
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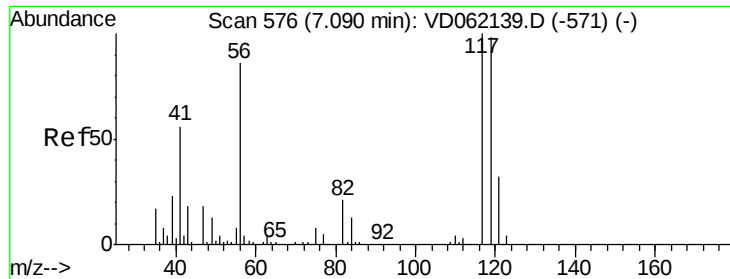
Tot Ion:114 Resp: 230109
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 16.7 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 70.108 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062240.D
 Acq: 11 May 2019 16:31

Tgt Ion:113 Resp: 133854
 Ion Ratio Lower Upper
 113 100
 111 98.3 78.5 117.7
 192 17.9 13.0 19.4

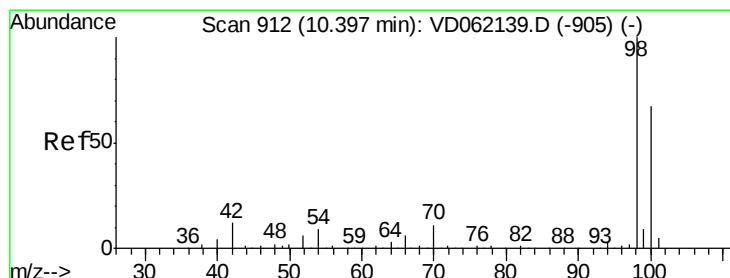
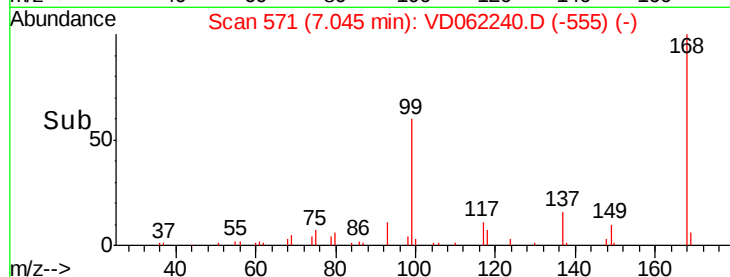
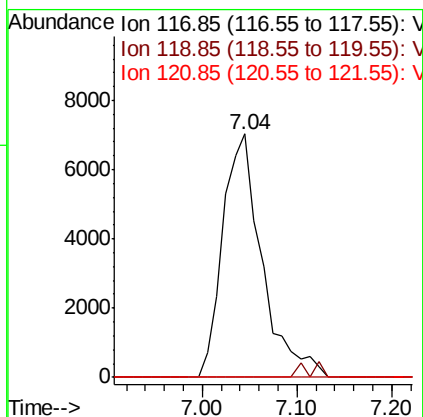
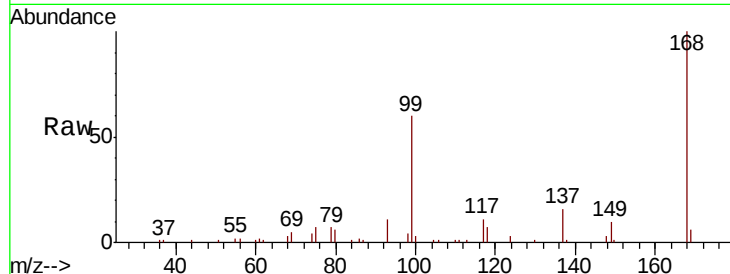




#38
Carbon Tetrachloride
Concen: 7.731 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

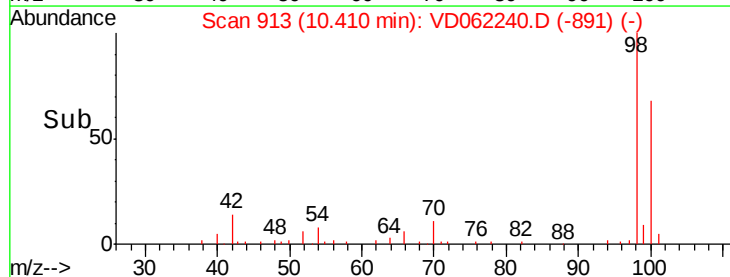
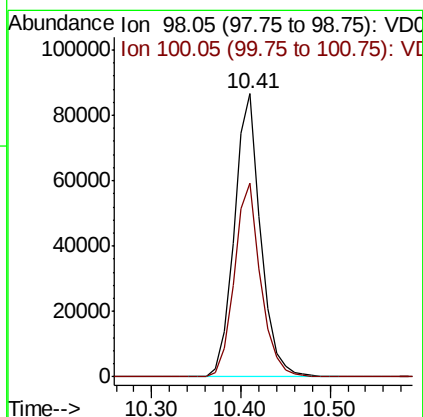
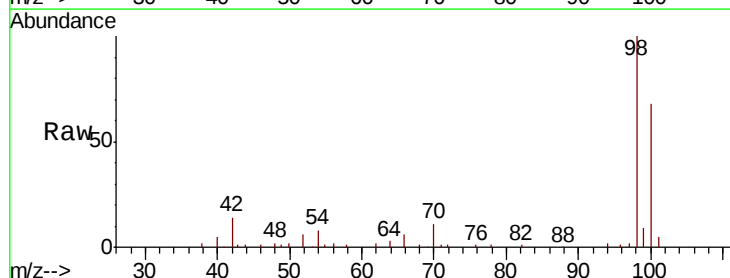
Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

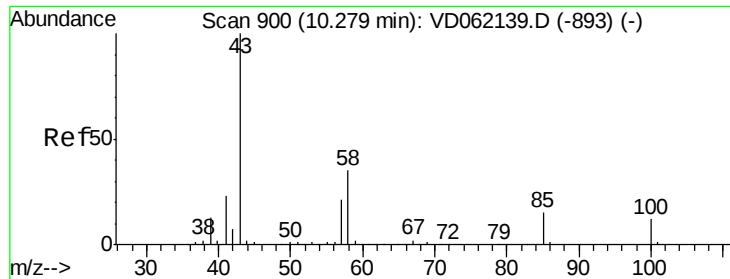
Tot Ion:117 Resp: 20189
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 38.844 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion: 98 Resp: 178811
Ion Ratio Lower Upper
98 100
100 68.3 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 1.509 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.13 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

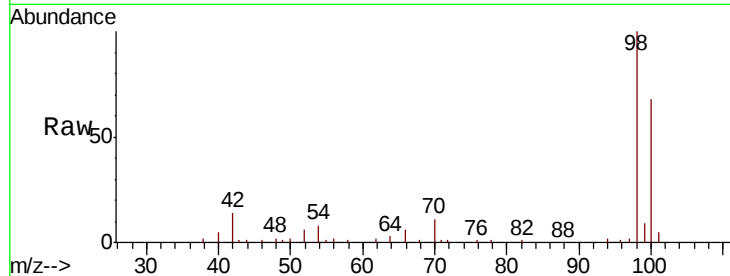
P026-SS006-0002-02RE

Tot Ion: 43 Resp: 1101

Ion Ratio Lower Upper

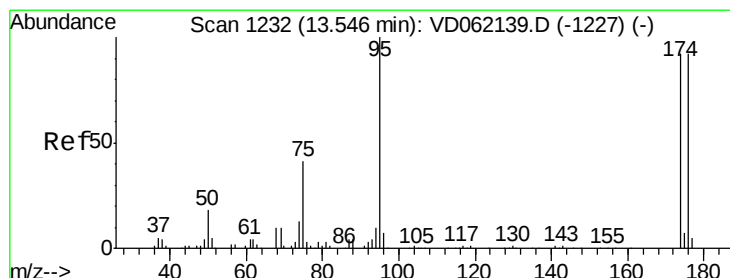
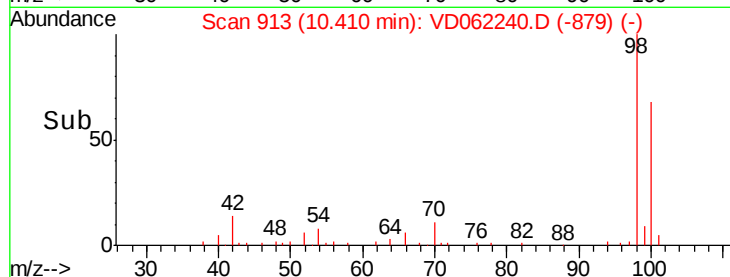
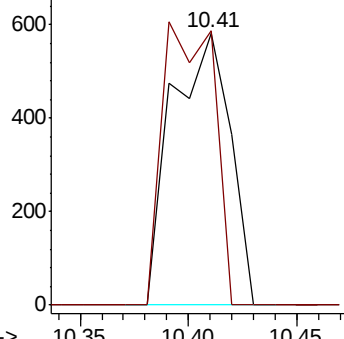
43 100

58 100.7 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 16.578 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

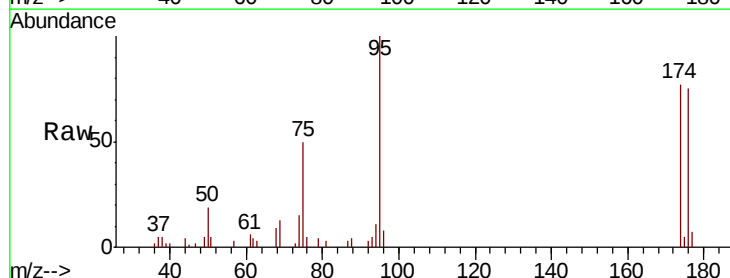
Tgt Ion: 95 Resp: 30645

Ion Ratio Lower Upper

95 100

174 77.5 0.0 181.8

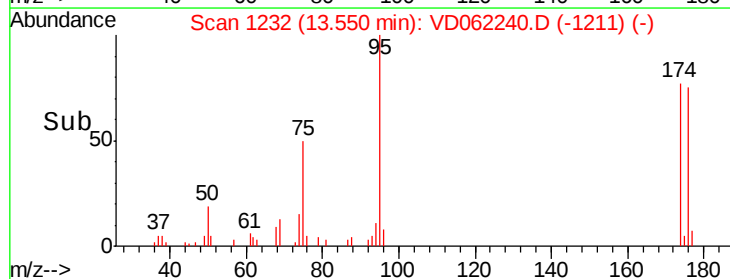
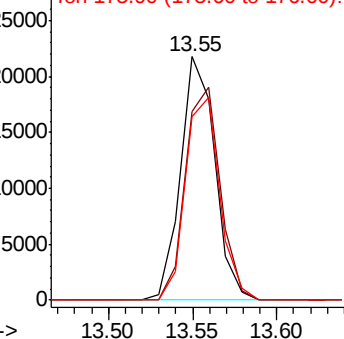
176 75.2 0.0 174.4

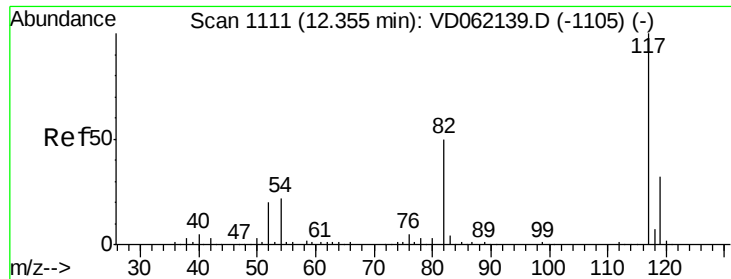


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

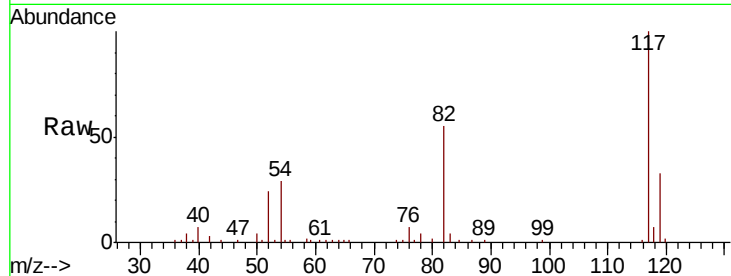




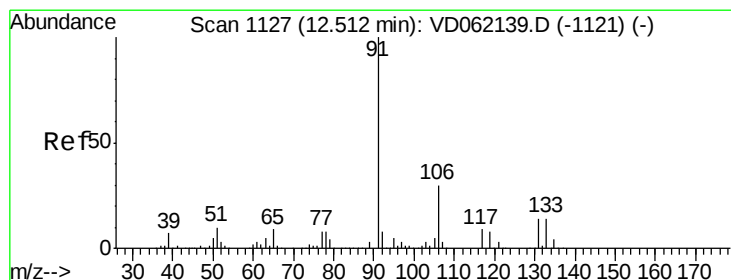
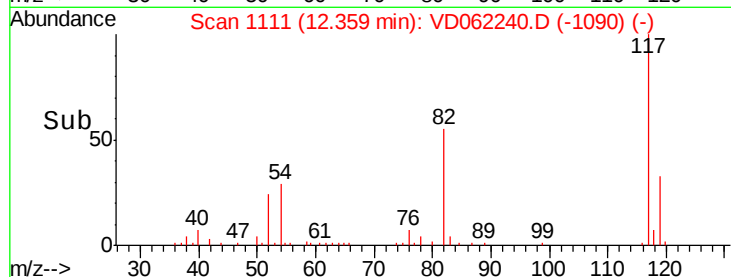
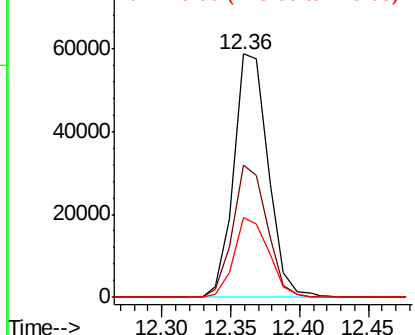
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

Tot Ion:117 Resp: 102409
Ion Ratio Lower Upper
117 100
82 54.5 36.2 54.2#
119 32.6 26.2 39.4

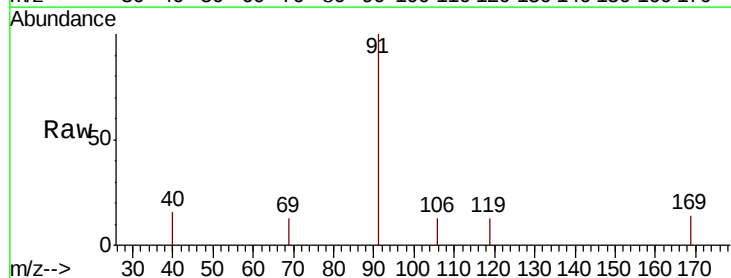


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

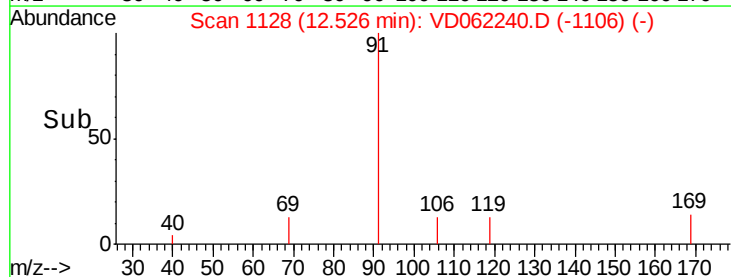
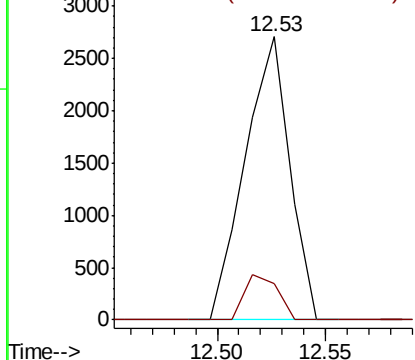


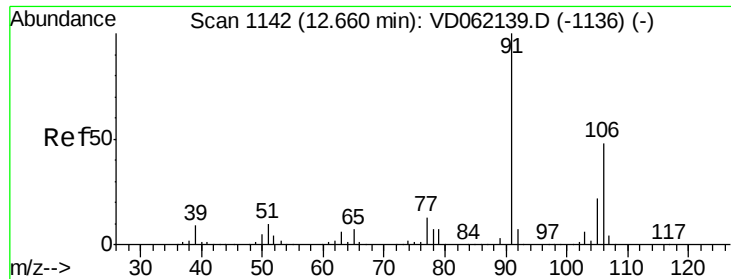
#67
Ethyl Benzene
Concen: 1.223 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion: 91 Resp: 3904
Ion Ratio Lower Upper
91 100
106 12.8 24.7 37.1#



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

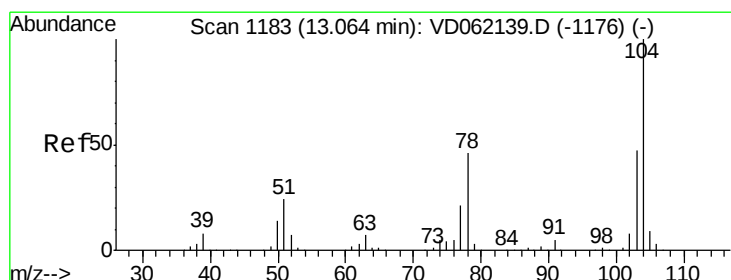
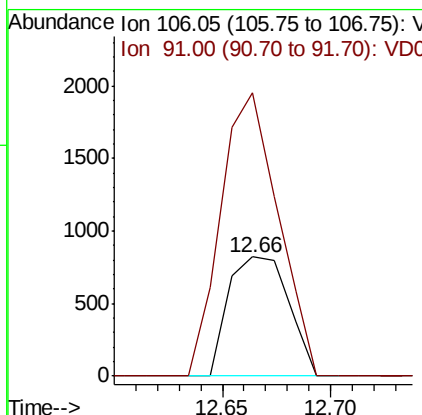
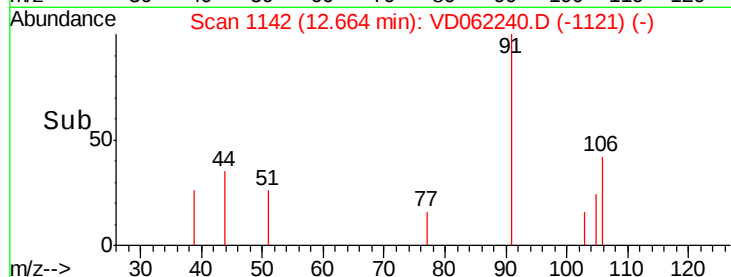
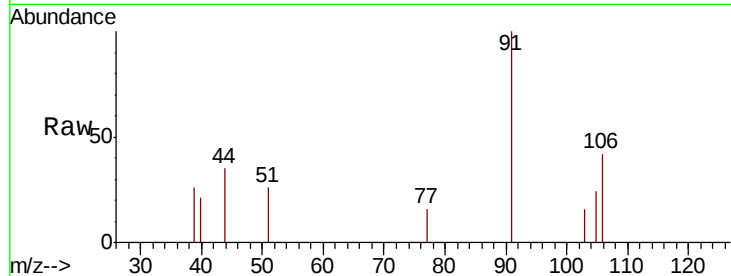




#68
m/p-Xvlenes
Concen: 1.361 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

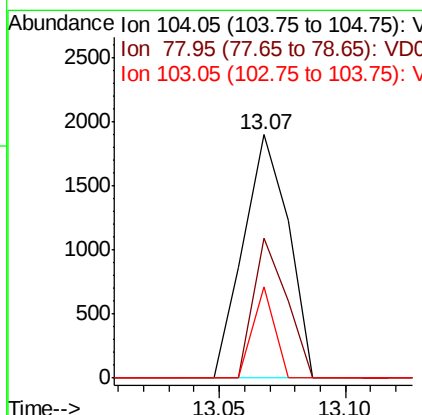
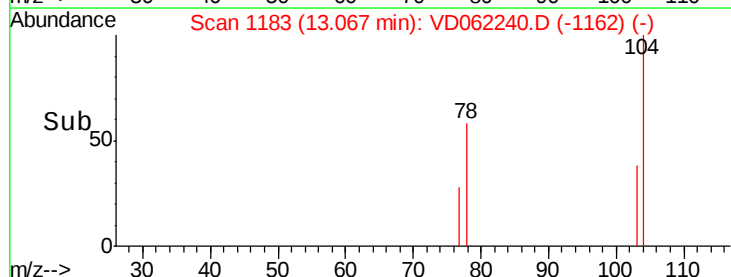
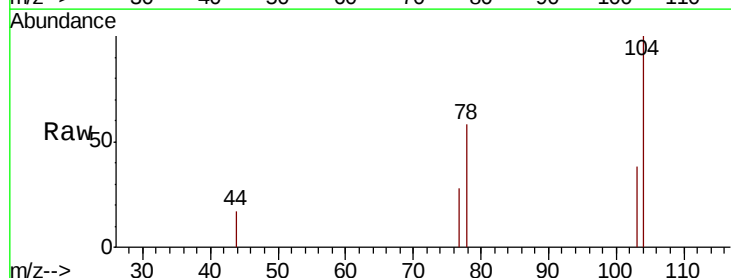
Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

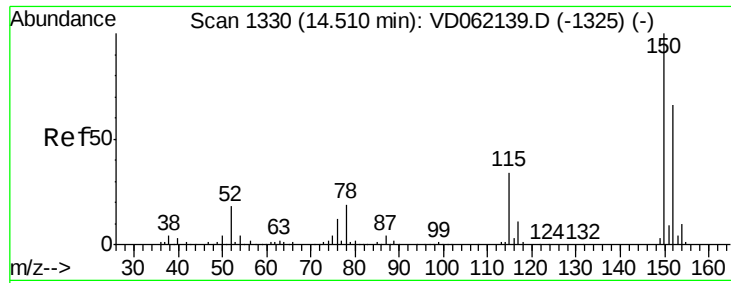
Tot Ion:106 Resp: 1581
Ion Ratio Lower Upper
106 100
91 237.1 164.0 246.0



#70
Styrene
Concen: 1.285 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion:104 Resp: 2351
Ion Ratio Lower Upper
104 100
78 57.6 35.4 53.2#
103 37.7 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: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-0002-02RE

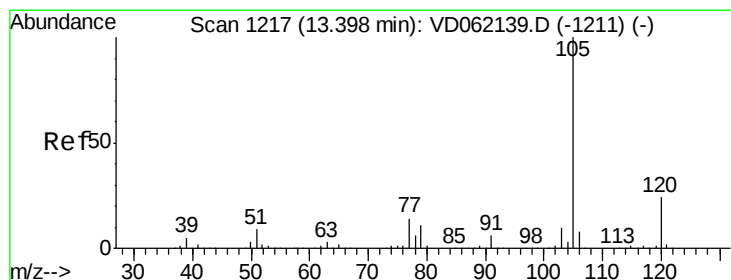
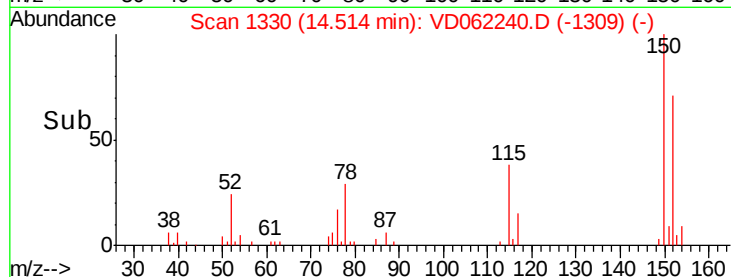
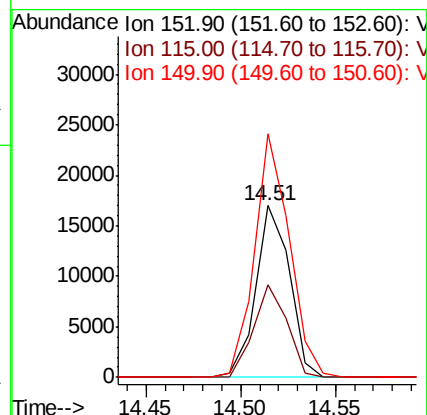
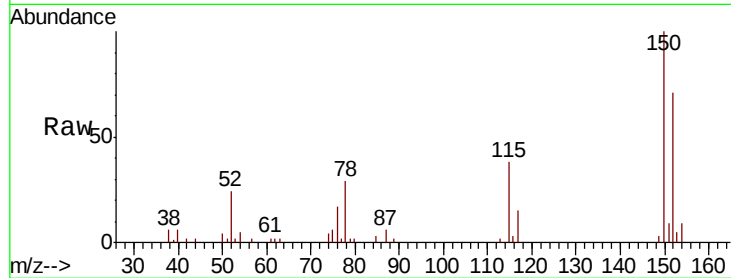
Tot Ion:152 Resp: 21094

Ion Ratio Lower Upper

152 100

115 54.2 30.9 92.7

150 141.8 0.0 314.8



#73

Isopropylbenzene

Concen: 2.513 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062240.D

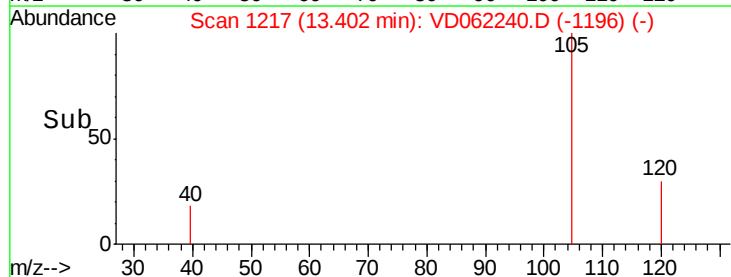
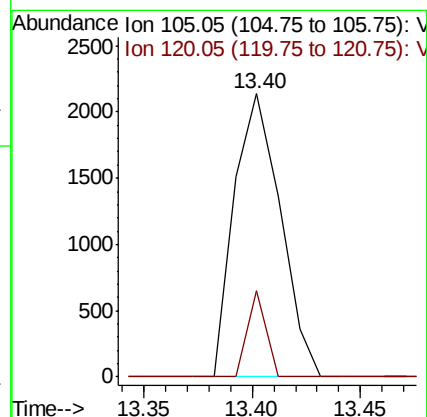
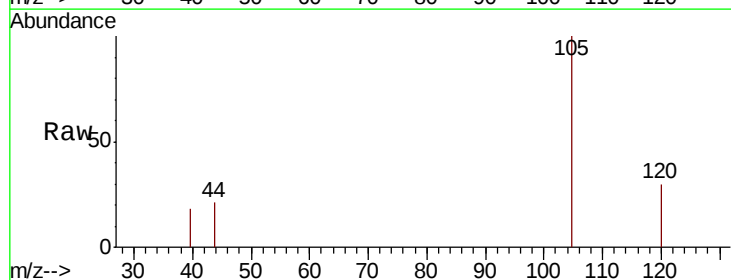
Acq: 11 May 2019 16:31

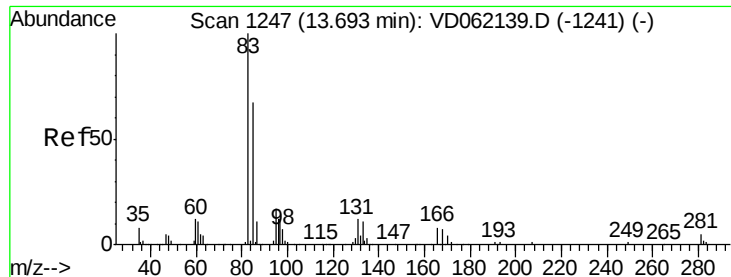
Tgt Ion:105 Resp: 3178

Ion Ratio Lower Upper

105 100

120 30.4 12.0 36.1





#75

1,1,2,2-Tetrachloroethane

Concen: 1.128 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-0002-02RE

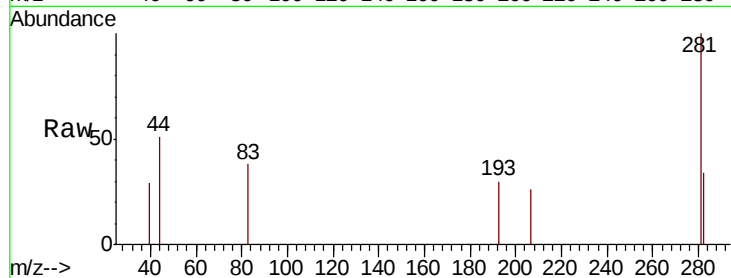
Tot Ion: 83 Resp: 270

Ion Ratio Lower Upper

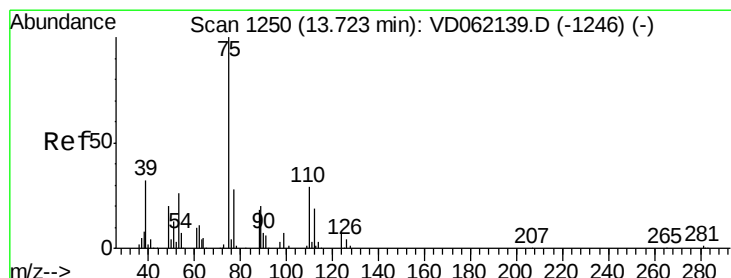
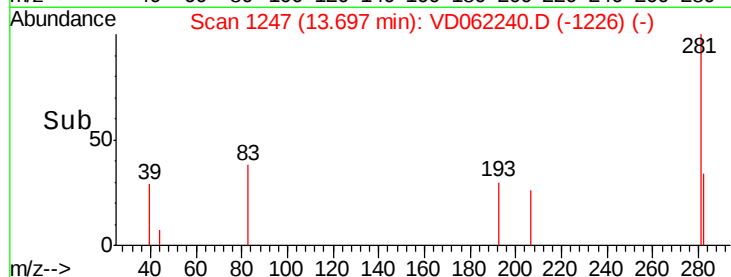
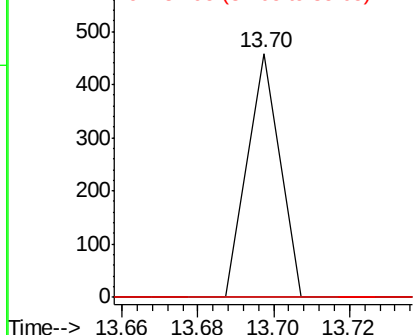
83 100

131 0.0 5.0 14.9#

85 0.0 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: 47.155 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD062240.D

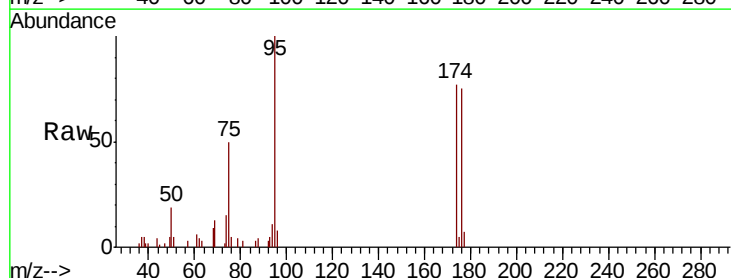
Acq: 11 May 2019 16:31

Tgt Ion: 75 Resp: 11821

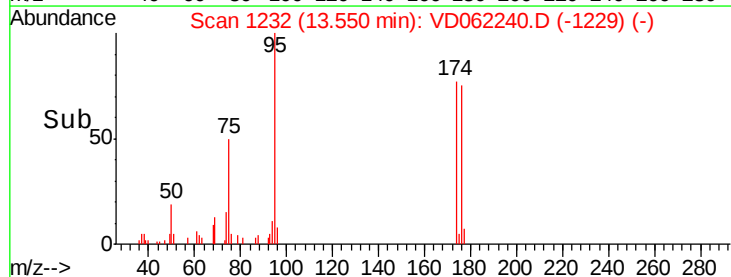
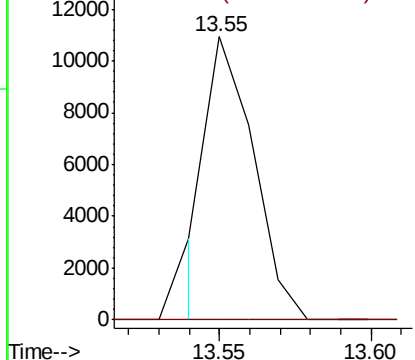
Ion Ratio Lower Upper

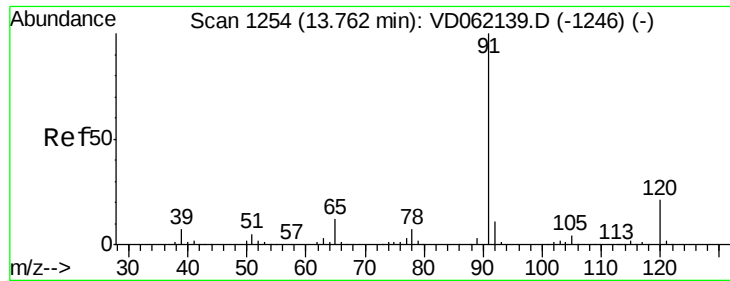
75 100

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





#78

n-propylbenzene

Concen: 1.589 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

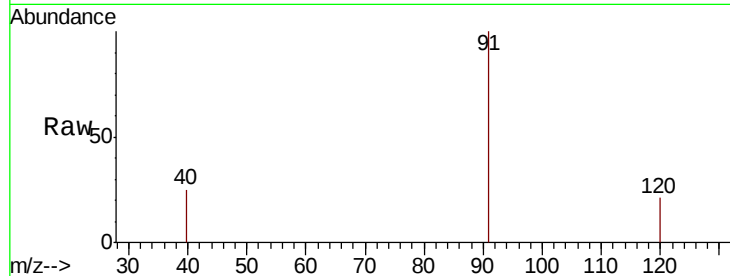
P026-SS006-0002-02RE

Tot Ion: 91 Resp: 2397

Ion Ratio Lower Upper

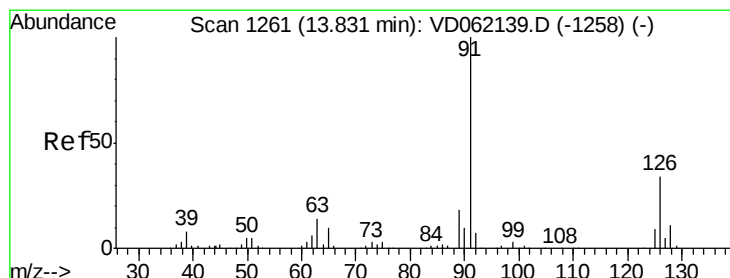
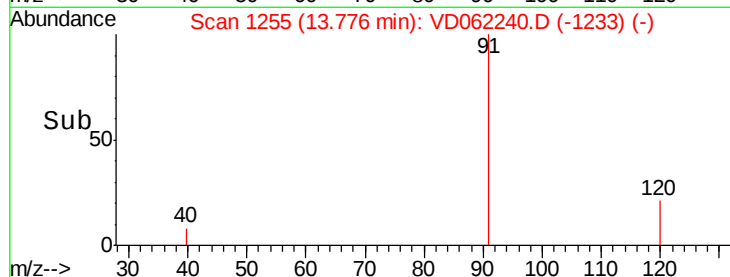
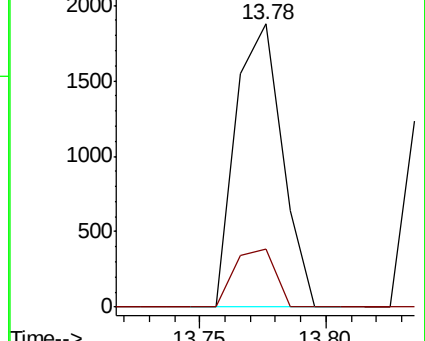
91 100

120 20.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC



#79

2-Chlorotoluene

Concen: 1.341 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD062240.D

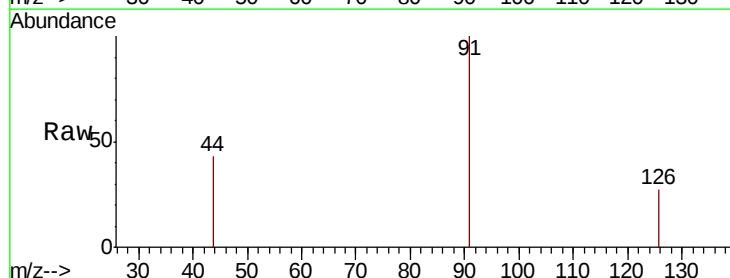
Acq: 11 May 2019 16:31

Tgt Ion: 91 Resp: 1158

Ion Ratio Lower Upper

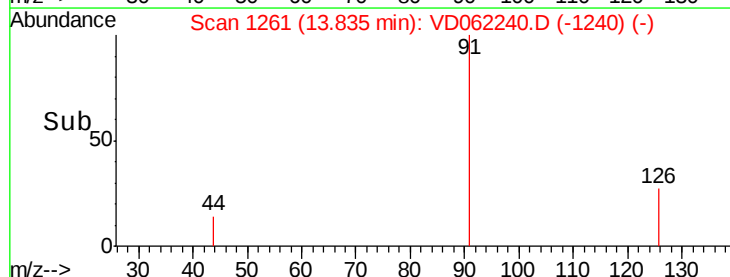
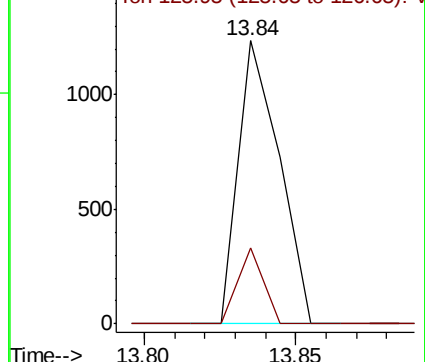
91 100

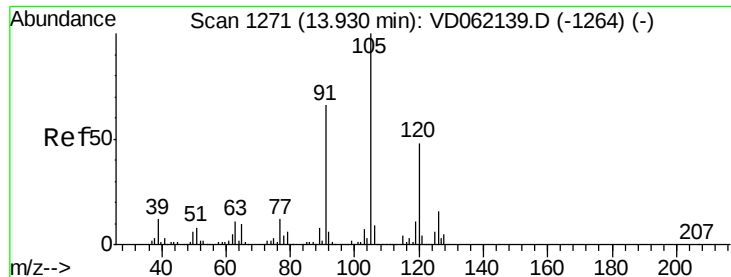
126 26.7 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC





#80

1,3,5-Trimethylbenzene

Concen: 1.379 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

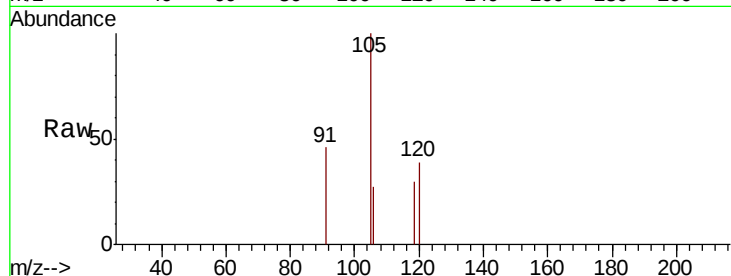
P026-SS006-0002-02RE

Tot Ion:105 Resp: 1468

Ion Ratio Lower Upper

105 100

120 39.2 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.93

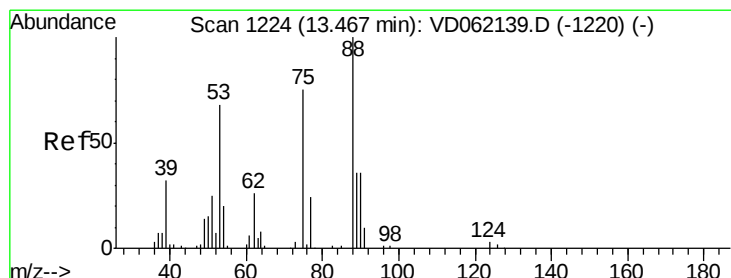
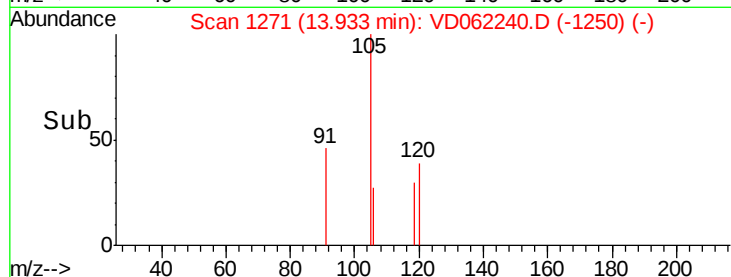
1000

500

0

Time-->

13.90 13.95



#81

trans-1,4-Dichloro-2-butene

Concen: 193.077 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

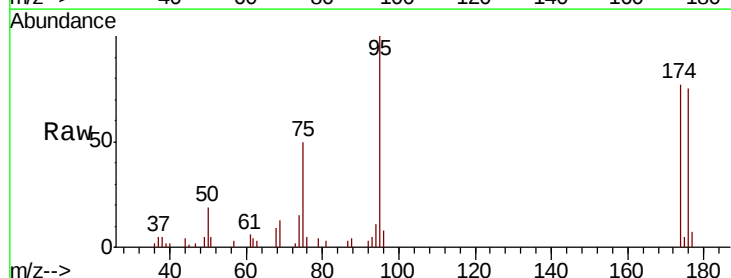
Tgt Ion: 75 Resp: 13664

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

15000

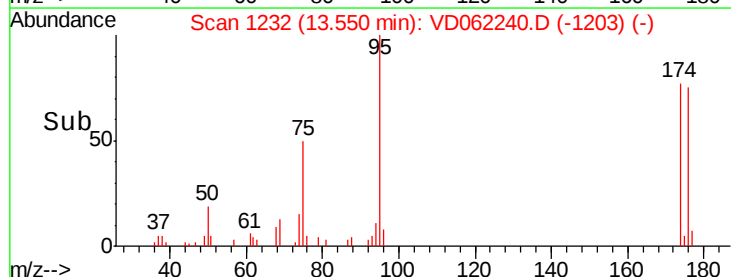
10000

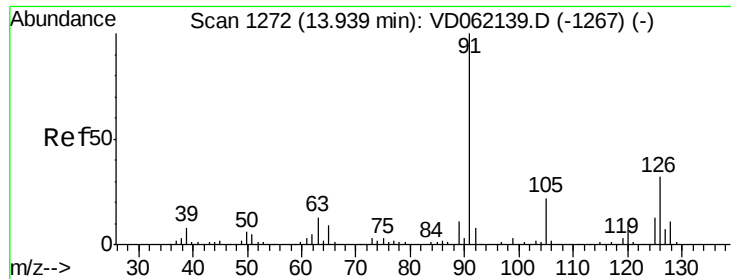
5000

0

Time-->

13.50 13.55 13.60

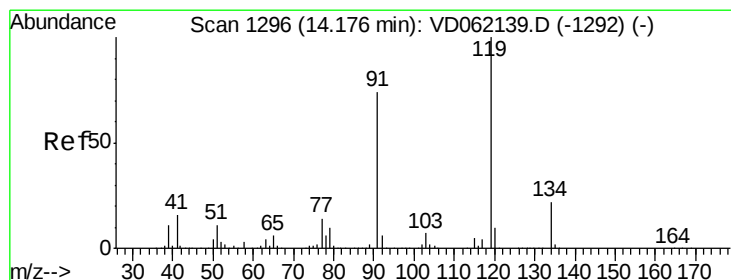
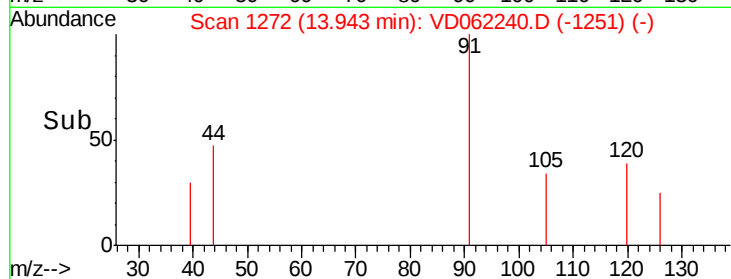
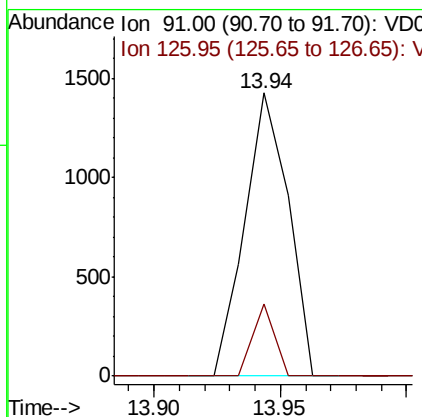
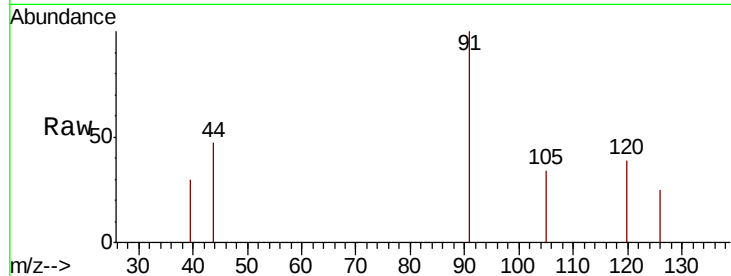




#82
4-Chlorotoluene
Concen: 1.687 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

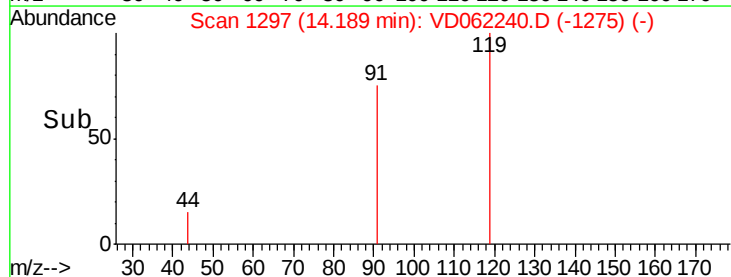
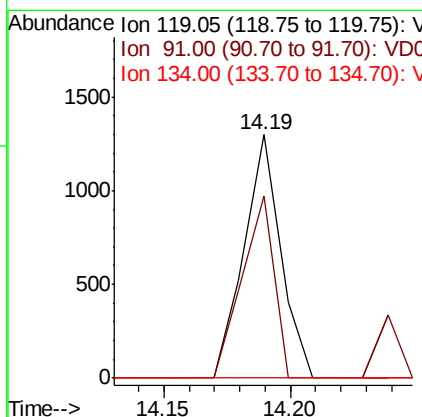
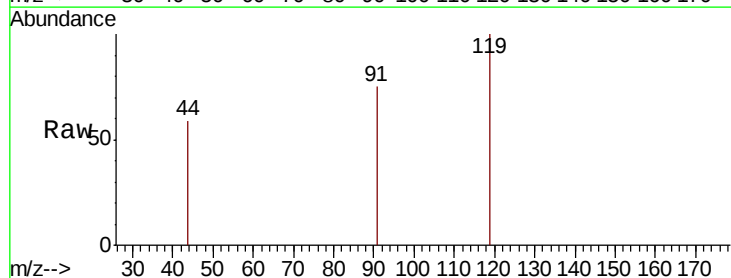
Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

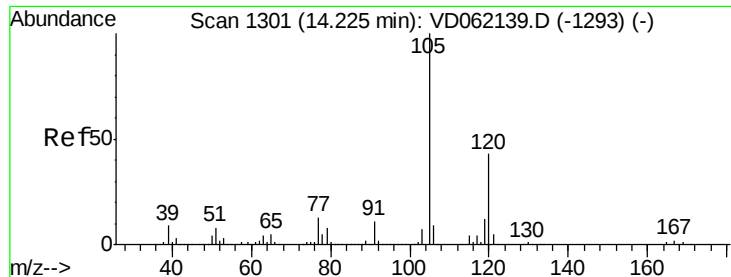
Tot Ion: 91 Resp: 1715
Ion Ratio Lower Upper
91 100
126 25.5 19.1 57.5



#83
tert-Butylbenzene
Concen: 1.098 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion: 119 Resp: 1314
Ion Ratio Lower Upper
119 100
91 74.7 34.2 102.6
134 0.0 12.0 36.0#

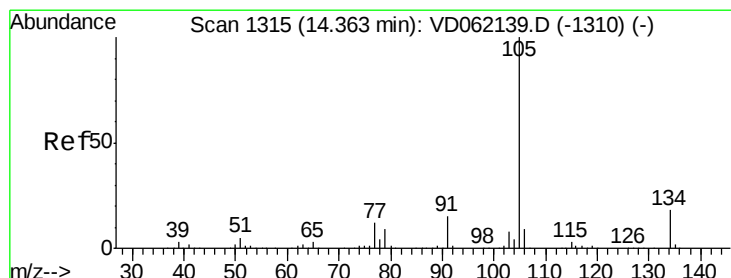
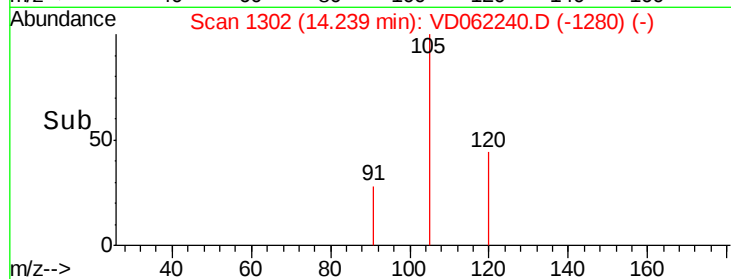
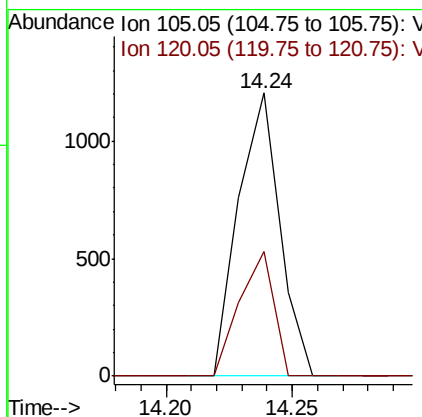
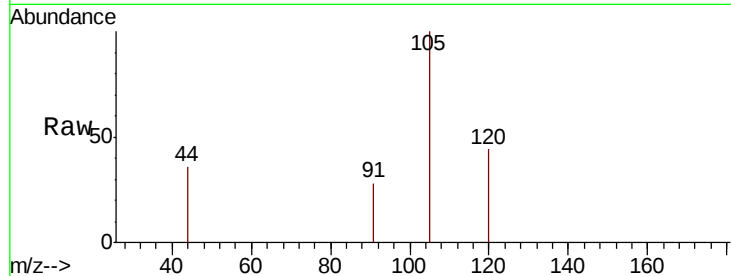




#84
 1,2,4-Trimethylbenzene
 Concen: 1.282 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD062240.D
 Acq: 11 May 2019 16:31

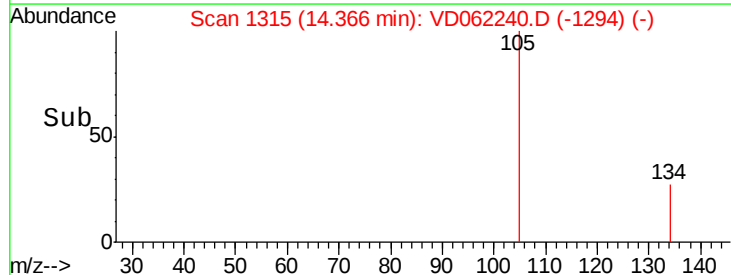
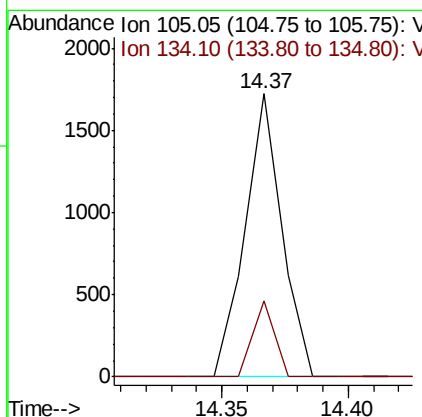
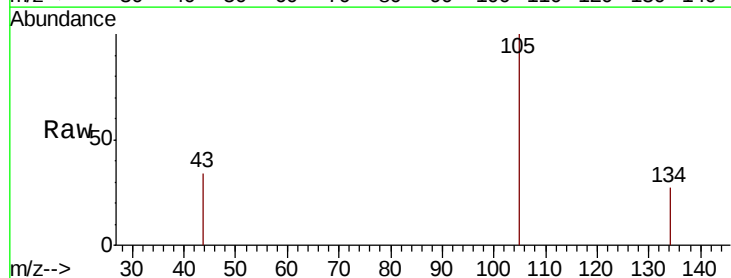
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0002-02RE

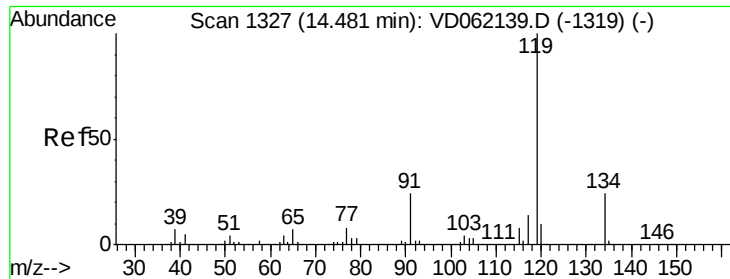
Tot Ion:105 Resp: 1370
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.326 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062240.D
 Acq: 11 May 2019 16:31

Tgt Ion:105 Resp: 1740
 Ion Ratio Lower Upper
 105 100
 134 26.7 8.9 26.7#

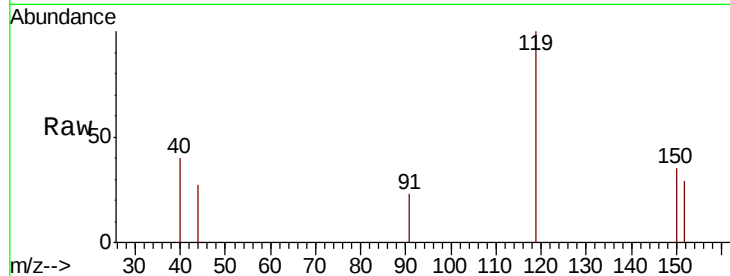




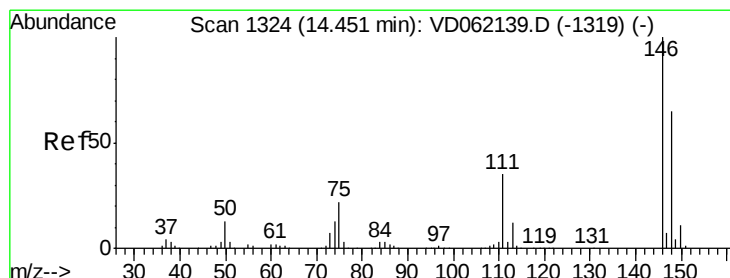
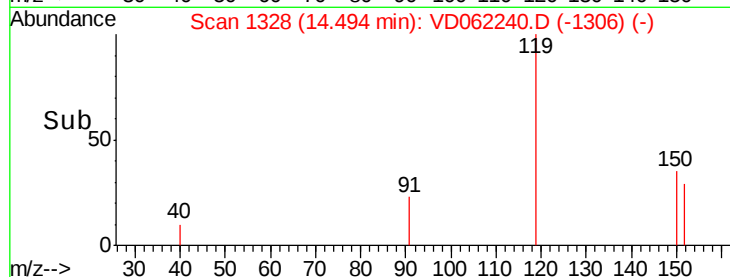
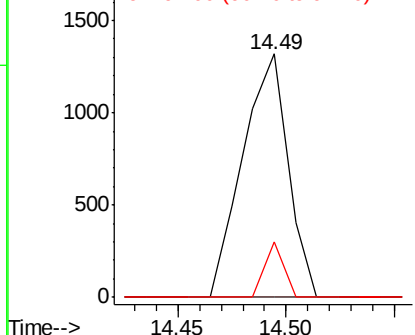
#86
p-Isopropyltoluene
Concen: 1.633 ug/l
RT: 14.49 min Scan# 1328
Delta R.T. 0.01 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

Tot Ion:119 Resp: 1915
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.3#
91 22.8 10.7 32.1

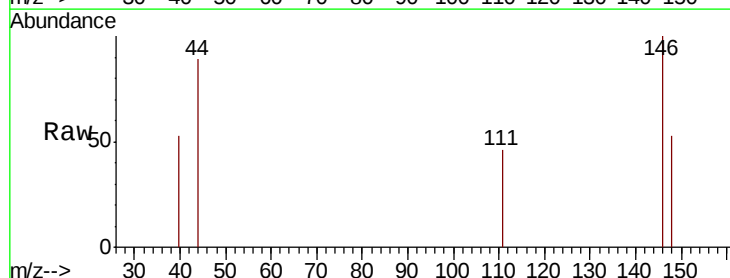


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V

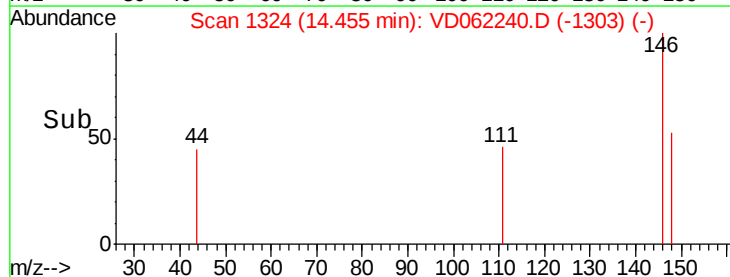
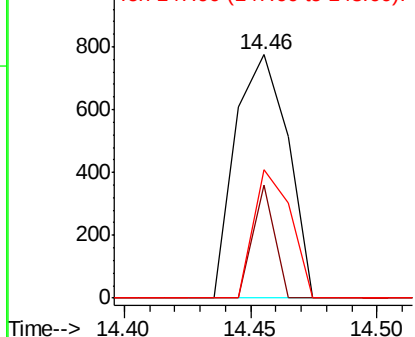


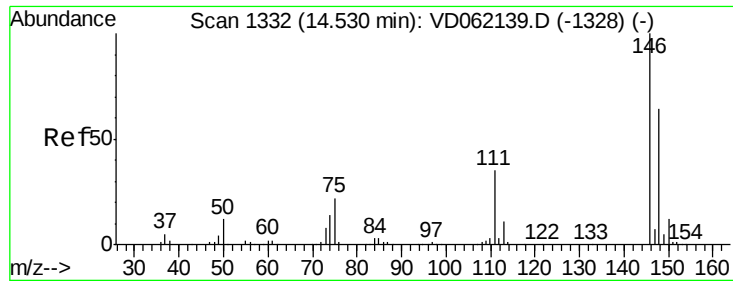
#87
1,3-Dichlorobenzene
Concen: 1.732 ug/l
RT: 14.46 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion:146 Resp: 1120
Ion Ratio Lower Upper
146 100
111 46.3 20.0 60.0
148 52.8 31.8 95.4



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.627 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.00 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-0002-02RE

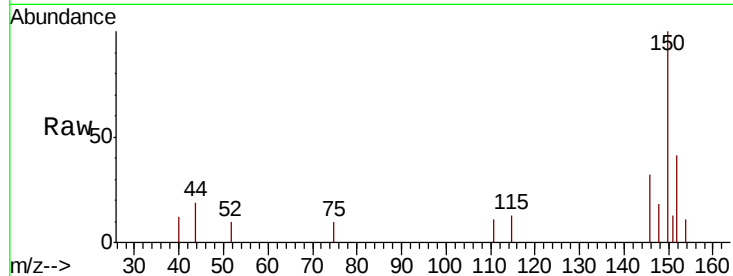
Tot Ion:146 Resp: 1034

Ion Ratio Lower Upper

146 100

111 34.3 20.2 60.5

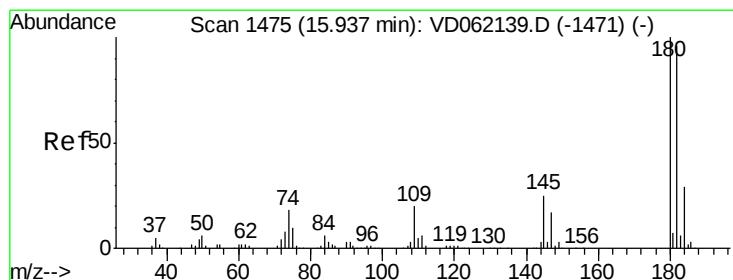
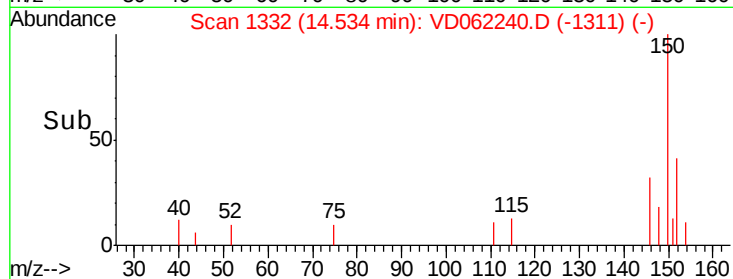
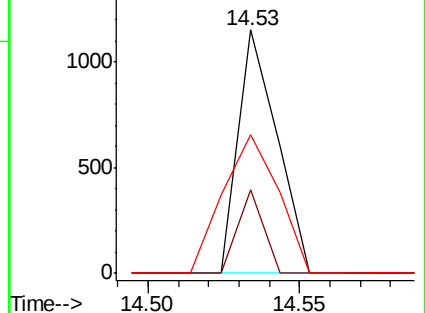
148 57.0 32.0 96.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 1.713 ug/l

RT: 15.94 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

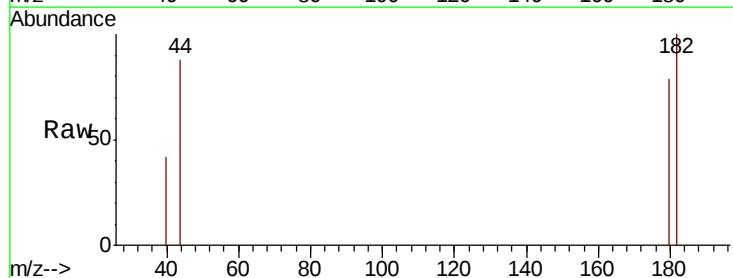
Tgt Ion:180 Resp: 664

Ion Ratio Lower Upper

180 100

182 126.9 49.3 147.8

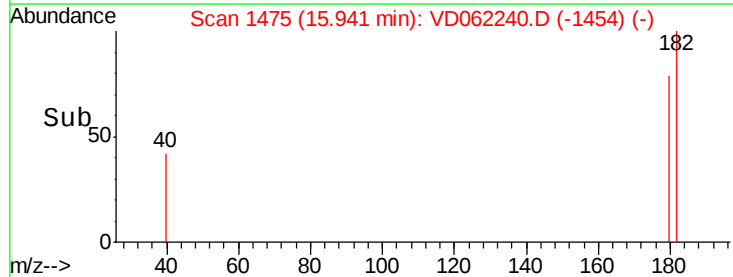
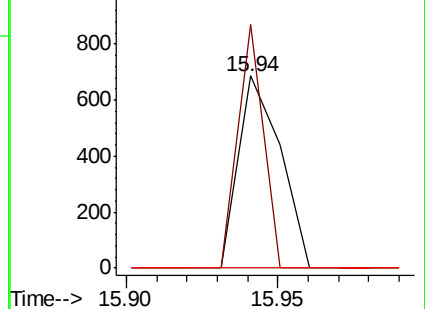
145 0.0 16.2 48.6#

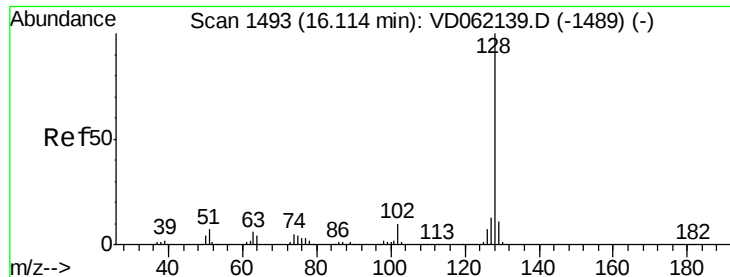


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 4.746 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-0002-02RE

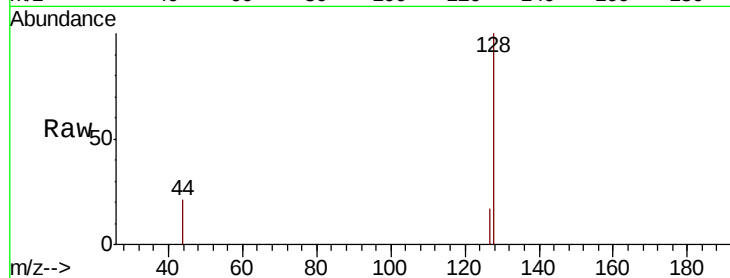
Tot Ion:128 Resp: 2568

Ion Ratio Lower Upper

128 100

127 16.9 9.8 14.8#

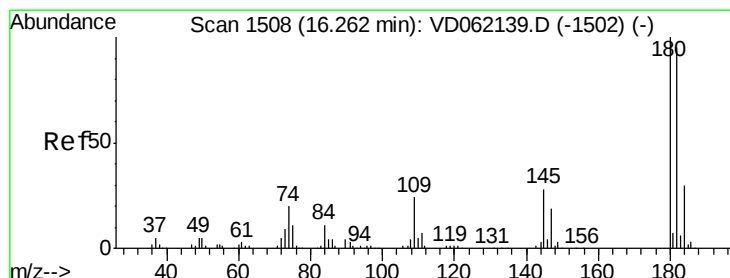
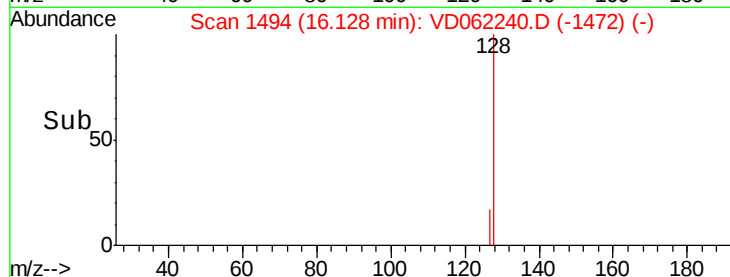
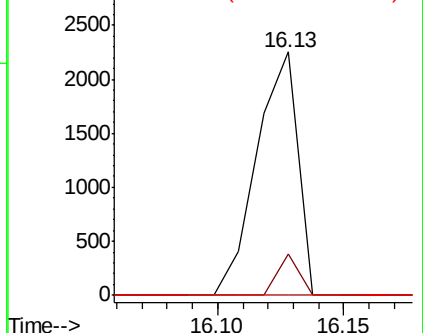
129 0.0 8.8 13.2#



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: 2.712 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

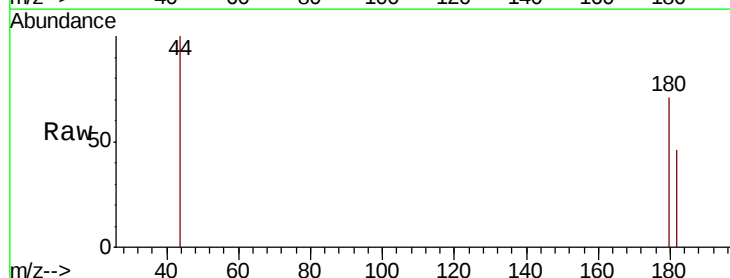
Tgt Ion:180 Resp: 661

Ion Ratio Lower Upper

180 100

182 64.2 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

