

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062310.D
 Acq On : 13 May 2019 17:44
 Operator : FY/SY
 Sample : K2734-21RE
 Misc : 5.53g/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-0002-01RE

Quant Time: May 14 05:11:32 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

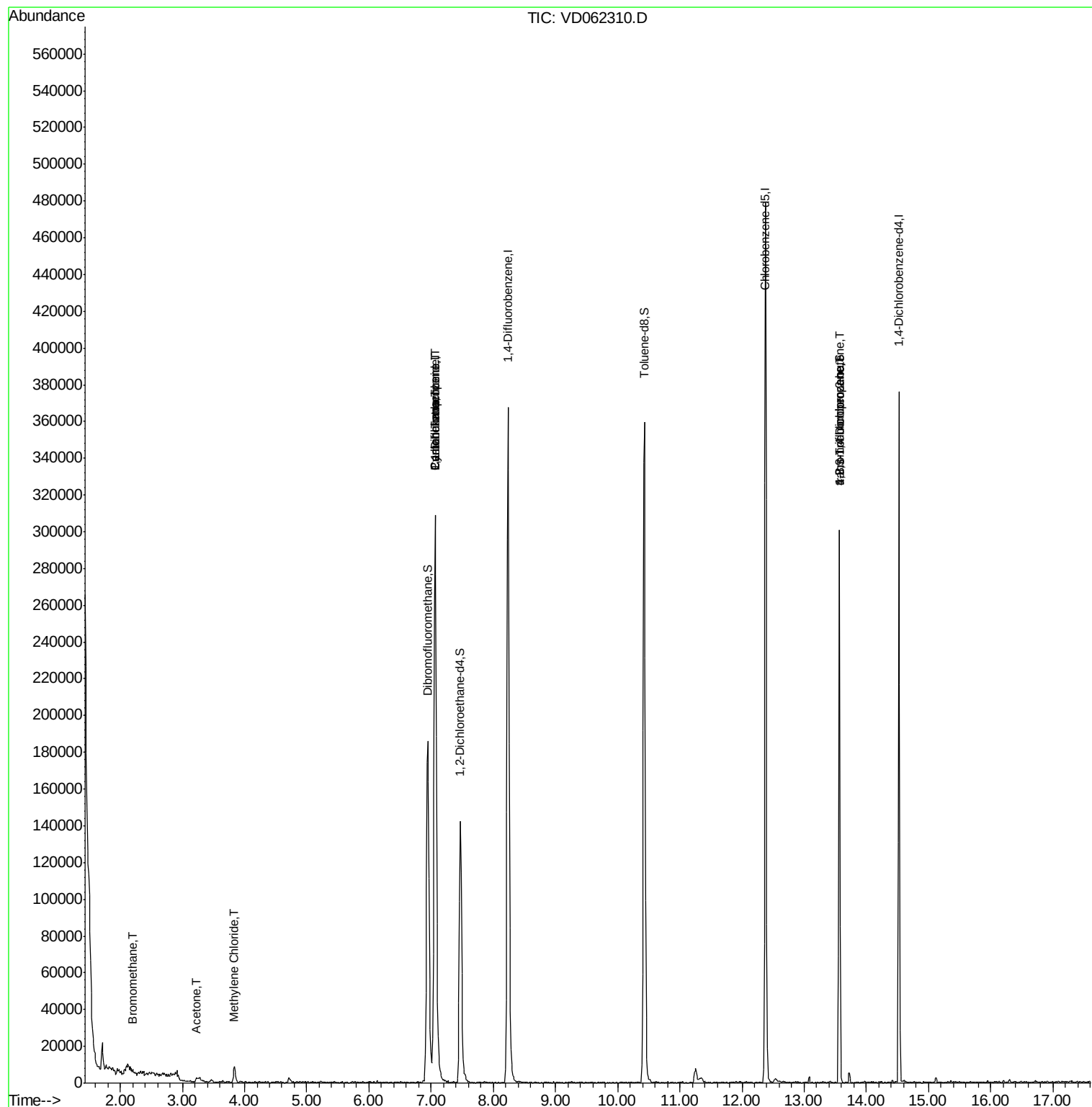
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	289962	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	386229	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	255310	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	75101	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	176604	65.54	ug/l	0.04
Spiked Amount 50.000			Recovery	=	131.08%	
35) Dibromofluoromethane	6.95	113	172875	53.95	ug/l	0.05
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.43	98	292562	37.86	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.72%	
62) 4-Bromofluorobenzene	13.56	95	94299	30.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	60.78%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.20	94	1357	2.941	ug/l #	12
16) Acetone	3.24	43	4701	8.319	ug/l #	50
20) Methylene Chloride	3.84	84	5104	2.163	ug/l #	75
31) Cyclohexane	7.06	56	6427	2.273	ug/l #	3
36) 1,1-Dichloropropene	7.06	75	24156	7.628	ug/l #	45
38) Carbon Tetrachloride	7.06	117	31551	7.198	ug/l #	12
76) 1,2,3-Trichloropropane	13.56	75	41927	46.976	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	42254	167.700	ug/l #	16

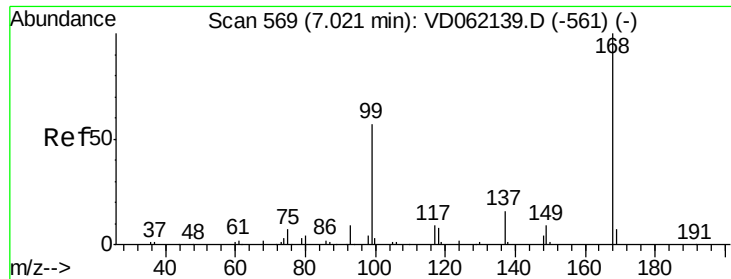
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\
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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

Instrument :

MSVOA_D

ClientSampleId :

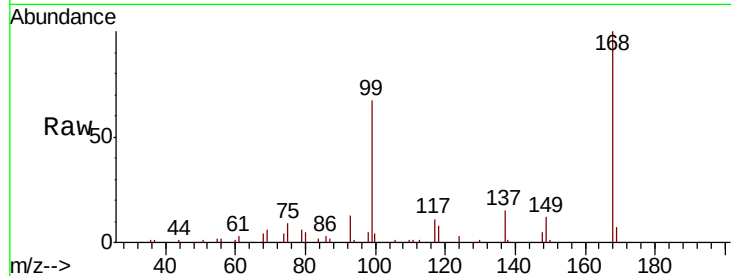
P026-SS015-0002-01RE

Tot Ion:168 Resp: 289962

Ion Ratio Lower Upper

168 100

99 66.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

100000

80000

60000

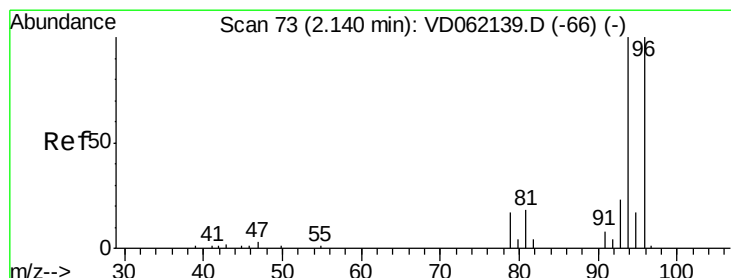
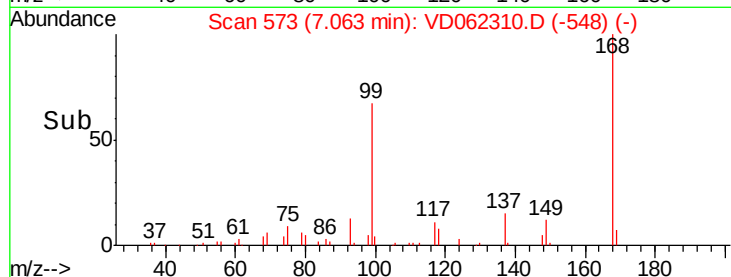
40000

20000

0

Time-->

7.00 7.10 7.20



#5

Bromomethane

Concen: 2.941 ug/l

RT: 2.20 min Scan# 79

Delta R.T. 0.06 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

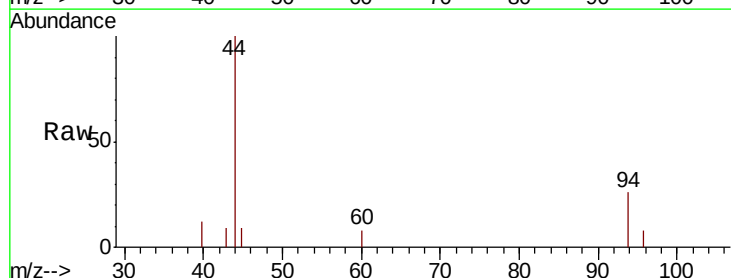
Tgt Ion: 94 Resp: 1357

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

1500

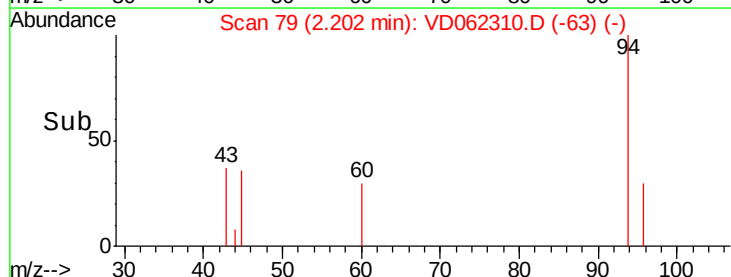
1000

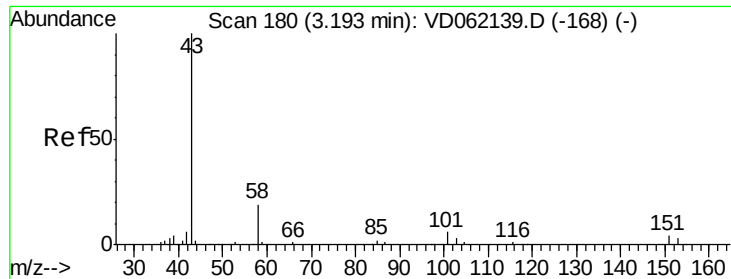
500

0

Time-->

2.15 2.20





#16

Acetone

Concen: 8.319 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

Instrument :

MSVOA_D

ClientSampleId :

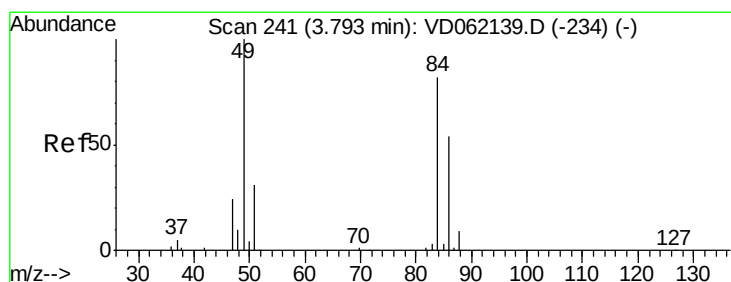
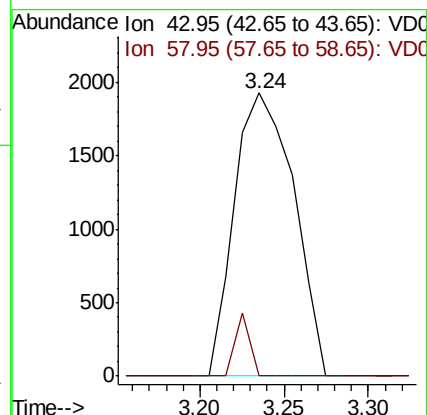
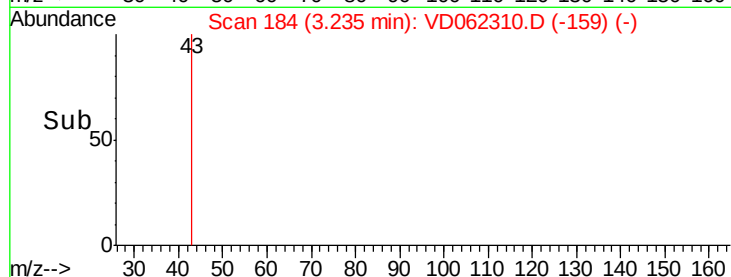
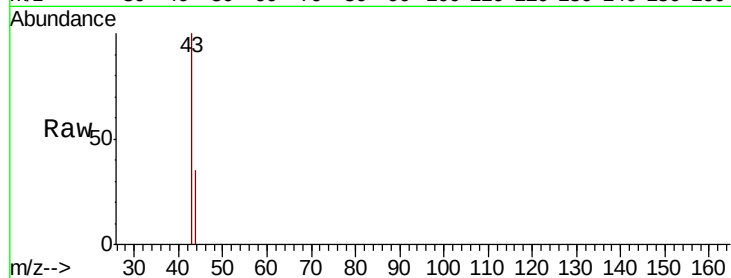
P026-SS015-0002-01RE

Tot Ion: 43 Resp: 4701

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 2.163 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

Tgt Ion: 84 Resp: 5104

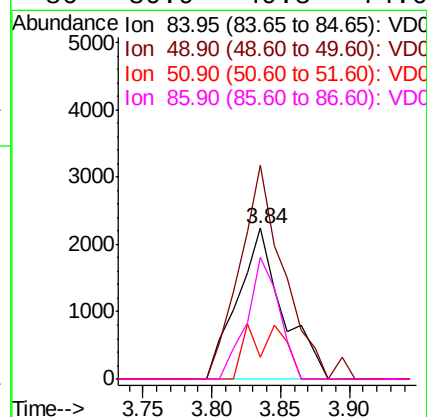
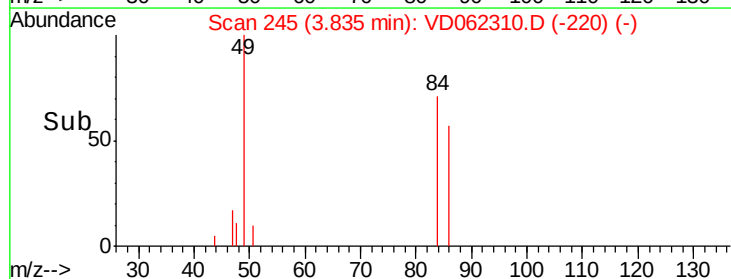
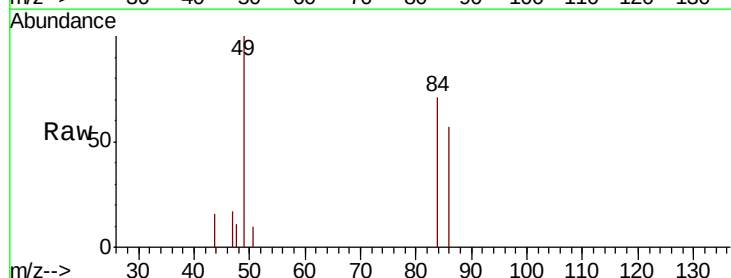
Ion Ratio Lower Upper

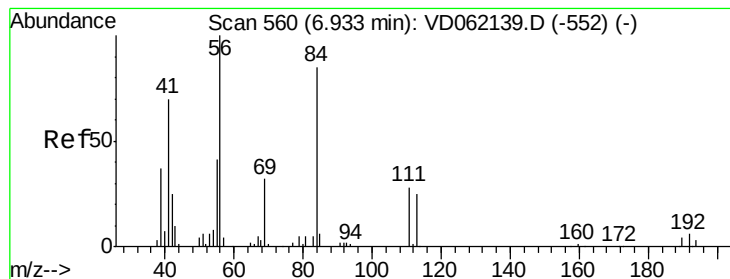
84 100

49 141.8 94.0 141.0#

51 14.2 29.0 43.4#

86 80.9 49.8 74.6#





#31

Cyclohexane

Concen: 2.273 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-0002-01RE

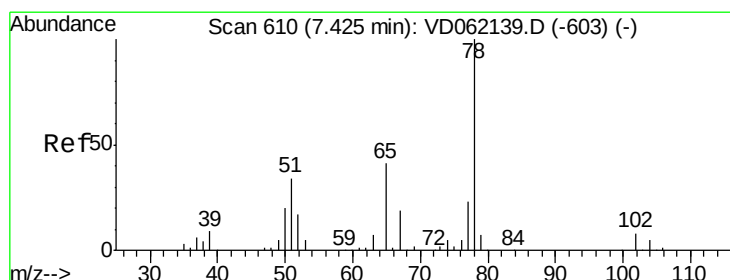
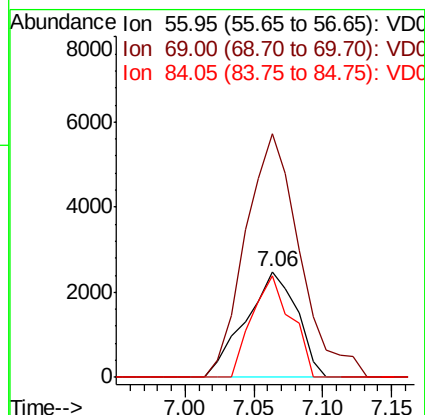
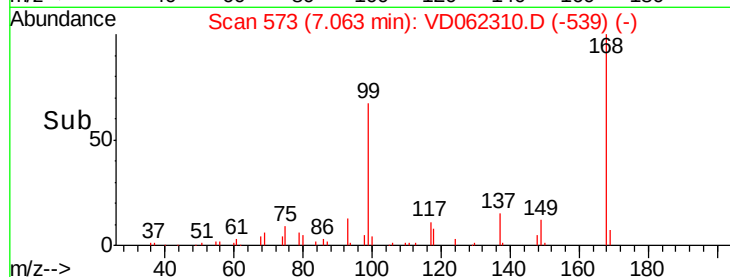
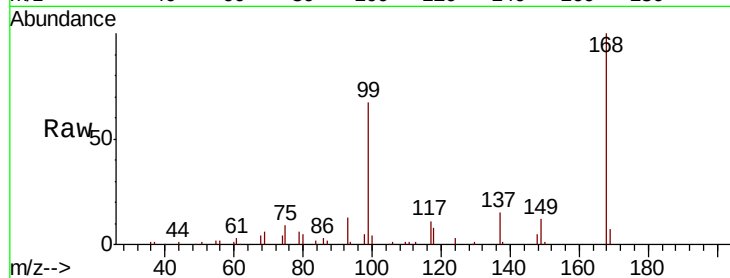
Tot Ion: 56 Resp: 6427

Ion Ratio Lower Upper

56 100

69 230.1 25.8 38.6#

84 95.7 72.2 108.4



#33

1,2-Dichloroethane-d4

Concen: 65.539 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062310.D

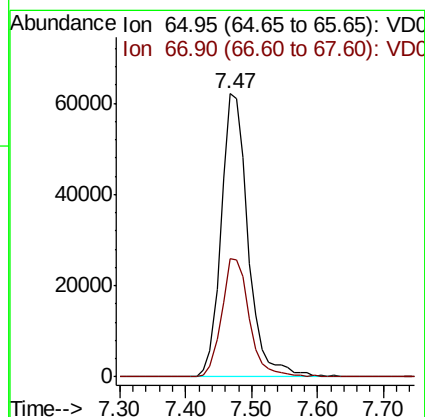
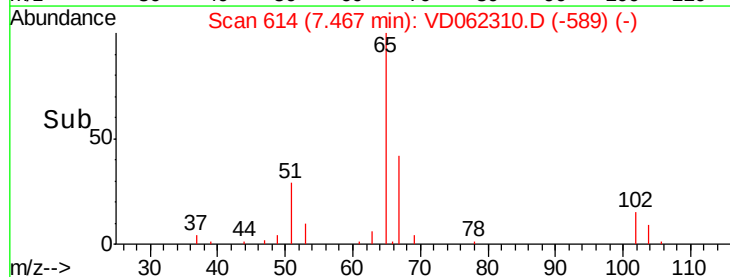
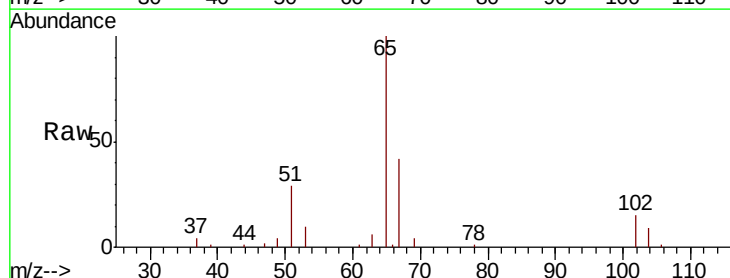
Acq: 13 May 2019 17:44

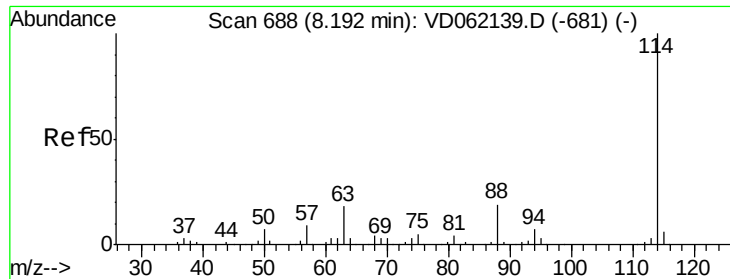
Tgt Ion: 65 Resp: 176604

Ion Ratio Lower Upper

65 100

67 41.7 0.0 98.0

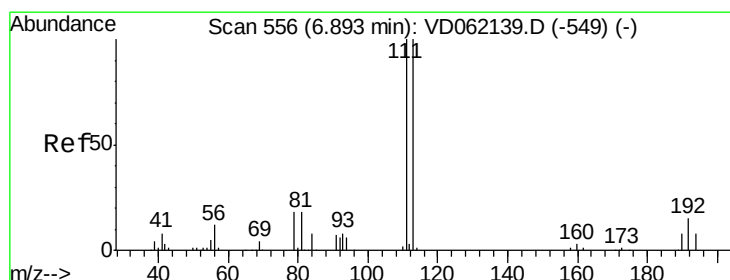
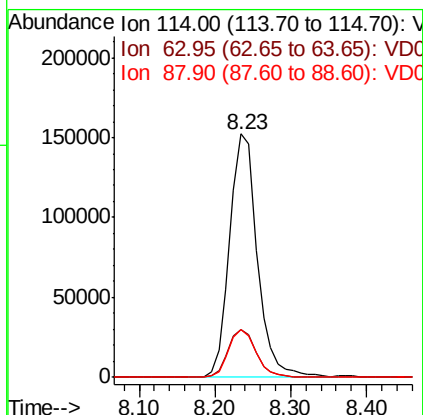
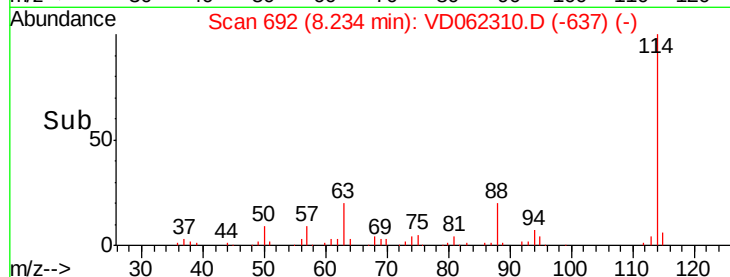
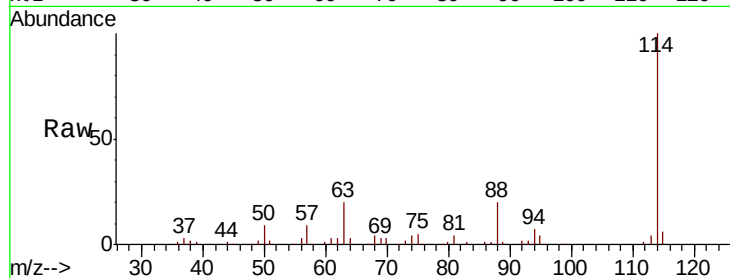




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 692
Delta R.T. 0.04 min
Lab File: VD062310.D
Acq: 13 May 2019 17:44

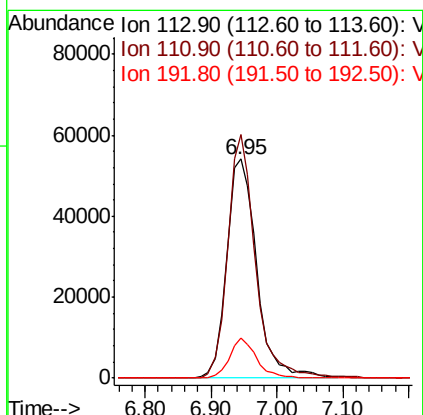
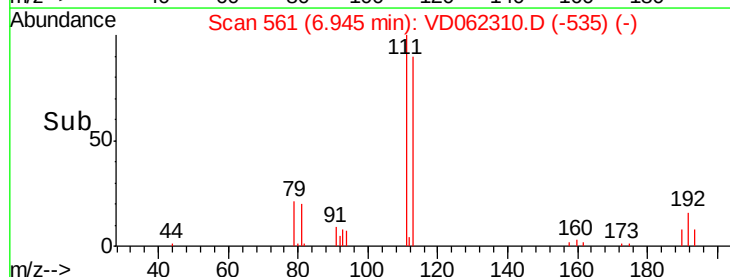
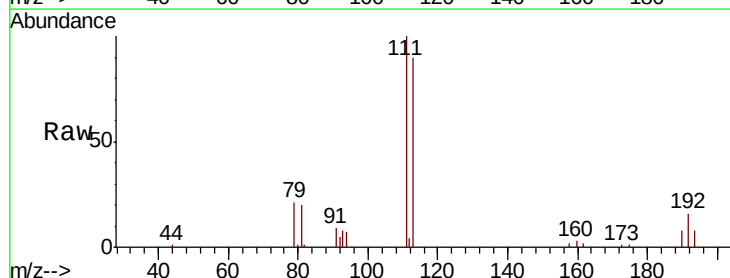
Instrument :
MSVOA_D
ClientSampleId :
P026-SS015-0002-01RE

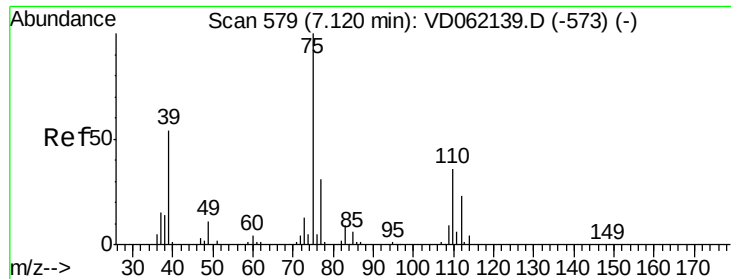
Tot Ion:114 Resp: 386229
Ion Ratio Lower Upper
114 100
63 19.9 0.0 32.4
88 19.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.946 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD062310.D
Acq: 13 May 2019 17:44

Tgt Ion:113 Resp: 172875
Ion Ratio Lower Upper
113 100
111 111.2 78.5 117.7
192 18.3 13.0 19.4

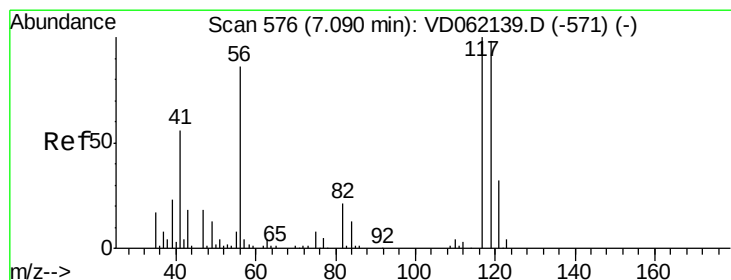
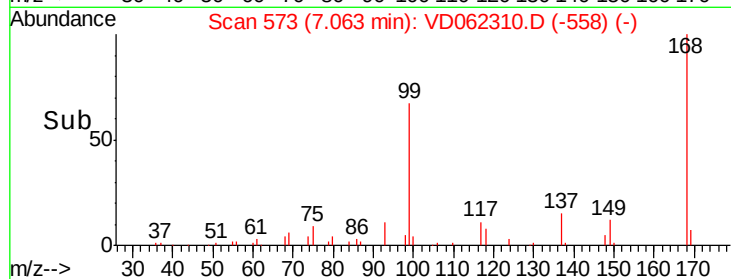
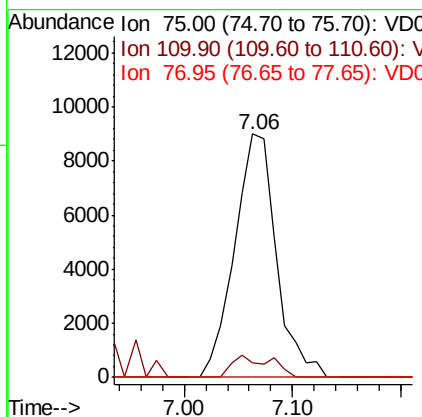
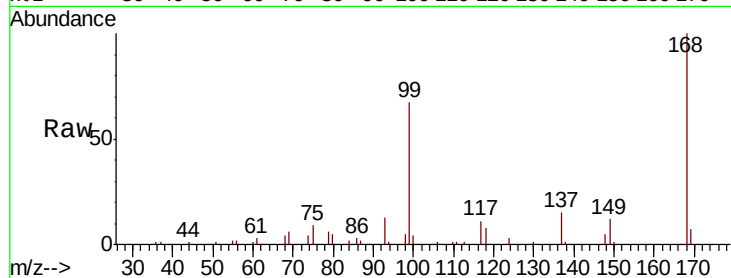




#36
 1,1-Dichloropropene
 Concen: 7.628 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062310.D
 Acq: 13 May 2019 17:44

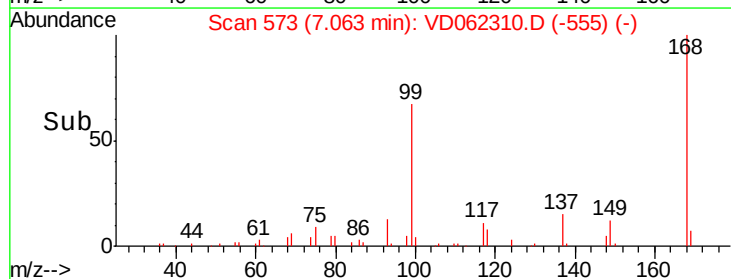
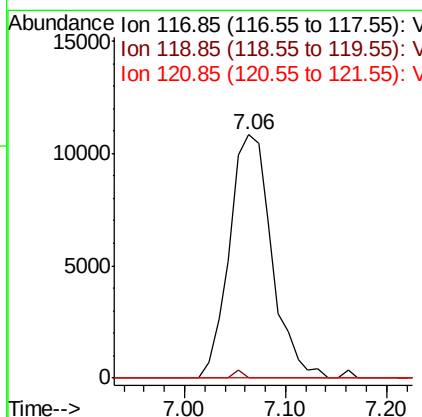
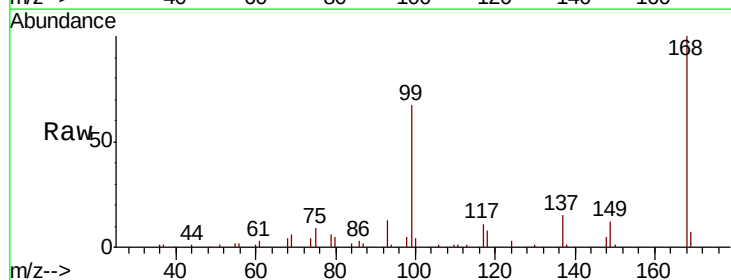
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-0002-01RE

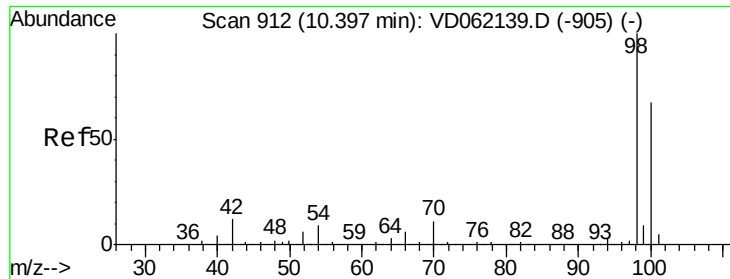
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.2	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 7.198 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: VD062310.D
 Acq: 13 May 2019 17:44

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





#50

Toluene-d8

Concen: 37.865 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

Instrument :

MSVOA_D

ClientSampleId :

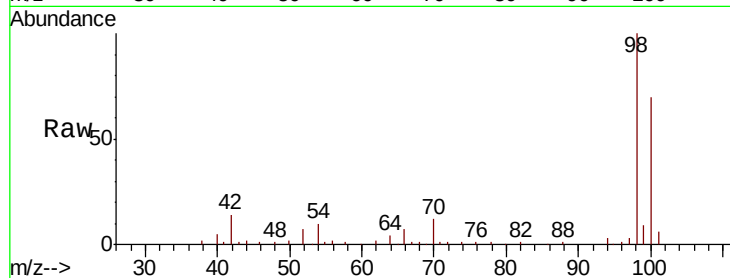
P026-SS015-0002-01RE

Tot Ion: 98 Resp: 292562

Ion Ratio Lower Upper

98 100

100 69.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062310.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062310.D (-905) (-)

10.43

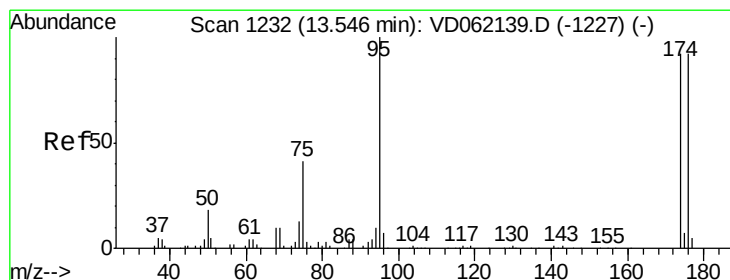
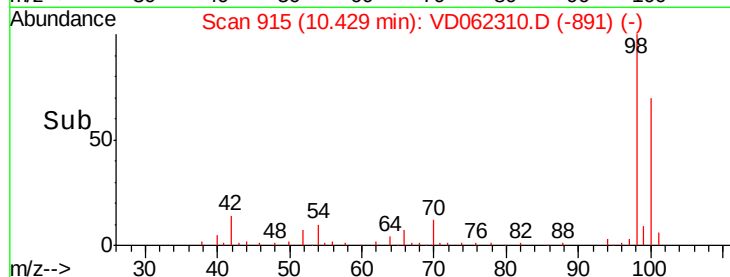
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.393 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

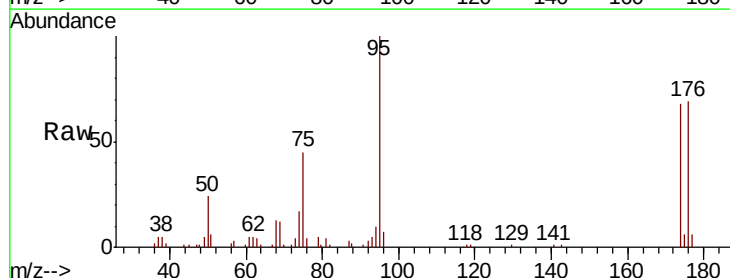
Tgt Ion: 95 Resp: 94299

Ion Ratio Lower Upper

95 100

174 67.9 0.0 181.8

176 68.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062310.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD062310.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD062310.D (-1211) (-)

13.56

80000

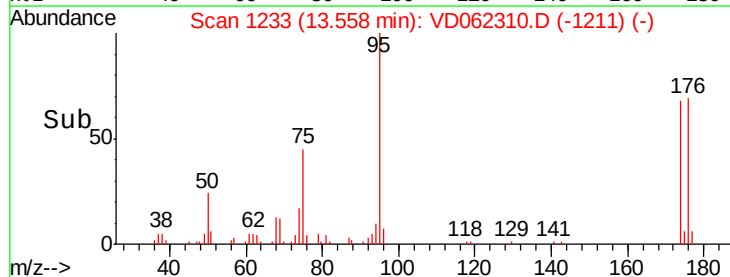
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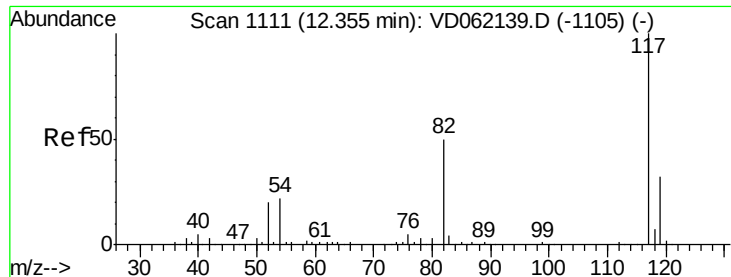
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Time-->

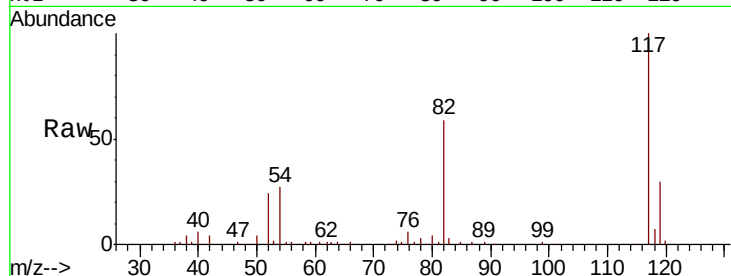




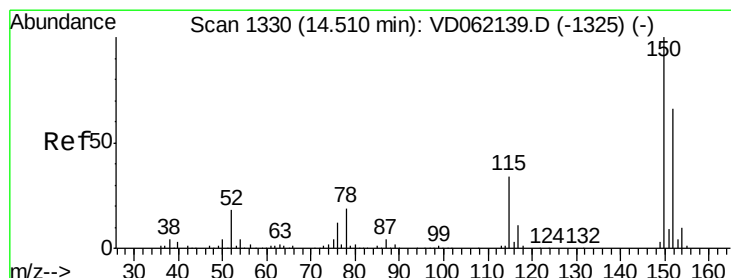
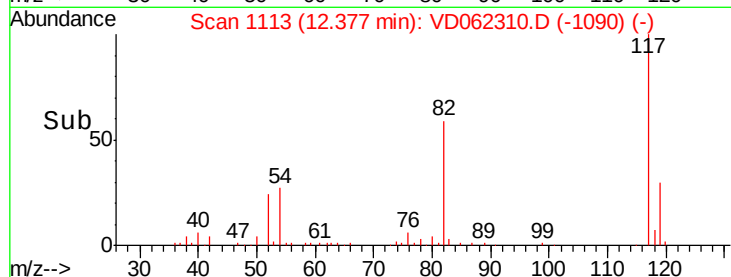
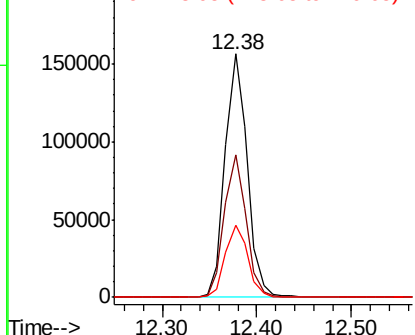
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062310.D
Acq: 13 May 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
P026-SS015-0002-01RE

Tot Ion:117 Resp: 255310
Ion Ratio Lower Upper
117 100
82 58.7 36.2 54.2#
119 29.8 26.2 39.4

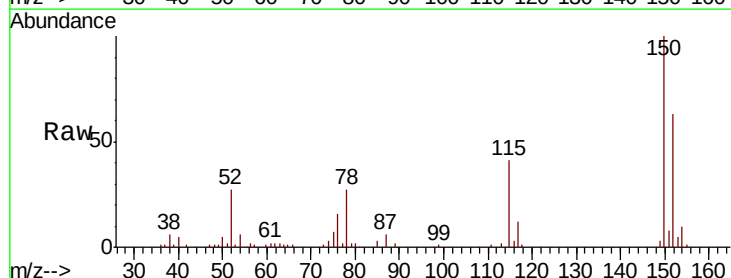


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

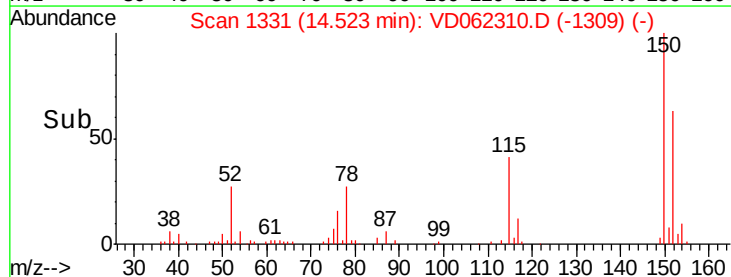
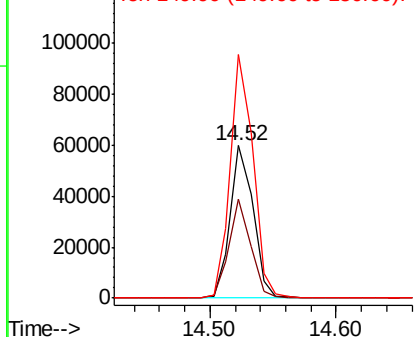


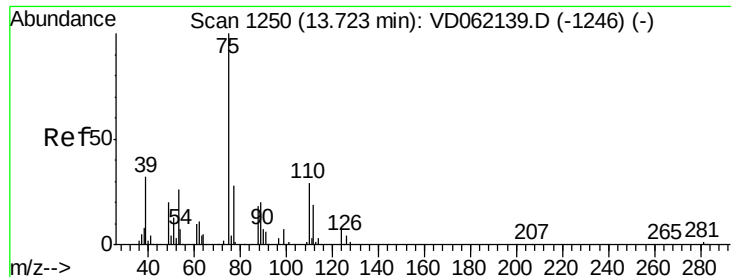
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062310.D
Acq: 13 May 2019 17:44

Tgt Ion:152 Resp: 75101
Ion Ratio Lower Upper
152 100
115 64.8 30.9 92.7
150 159.8 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





#76

1,2,3-Trichloropropane

Concen: 46.976 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

Instrument :

MSVOA_D

ClientSampleId :

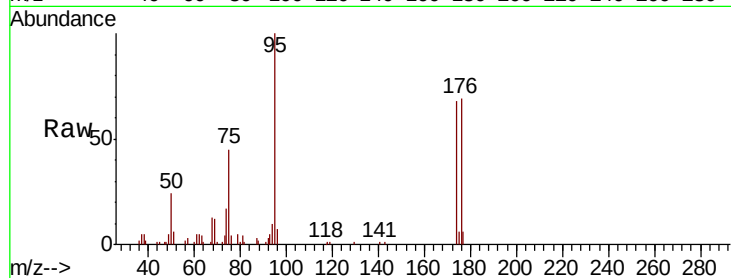
P026-SS015-0002-01RE

Tot Ion: 75 Resp: 41927

Ion Ratio Lower Upper

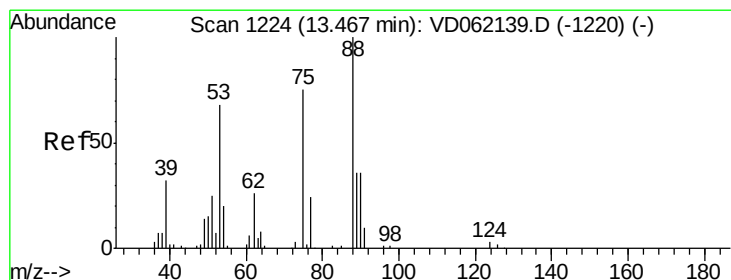
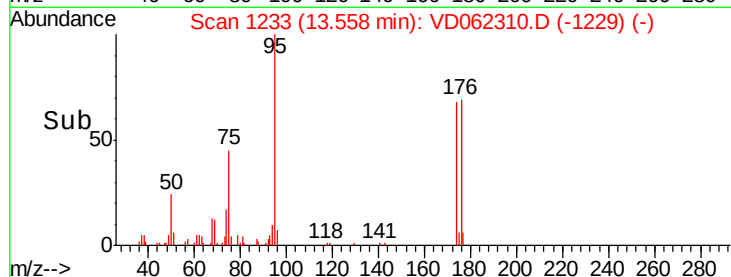
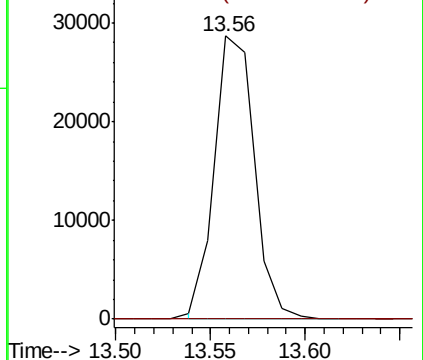
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 167.700 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062310.D

Acq: 13 May 2019 17:44

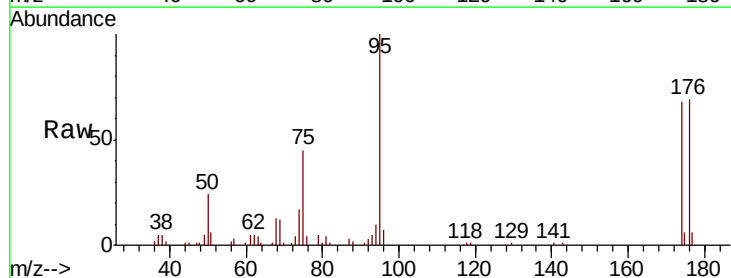
Tgt Ion: 75 Resp: 42254

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

