

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
 Data File : VD062191.D
 Acq On : 9 May 2019 16:33
 Operator : FY/SY
 Sample : K2717-02
 Misc : 4.86g/5mL/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0206-01

Quant Time: May 10 04:20:39 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

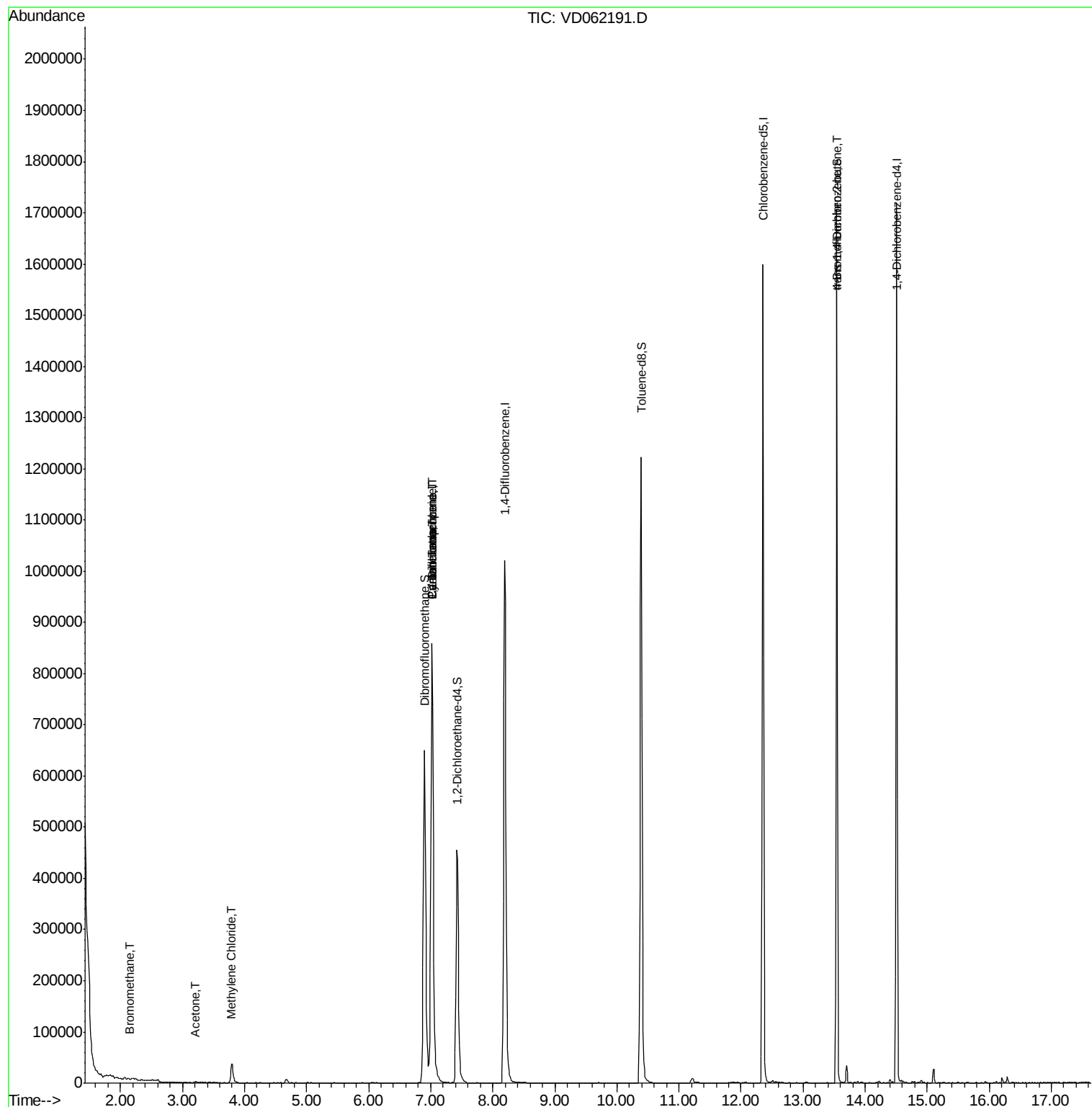
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	849471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1177063	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	922751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	413859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	490622	62.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.30%	
35) Dibromofluoromethane	6.90	113	583910	59.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.58%	
50) Toluene-d8	10.40	98	1137158	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	13.55	95	466167	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.16	94	3273	2.421	ug/l #	12
16) Acetone	3.21	43	4273	2.581	ug/l #	50
20) Methylene Chloride	3.79	84	24075	3.483	ug/l #	83
31) Cyclohexane	7.01	56	16032	1.936	ug/l #	8
36) 1,1-Dichloropropene	7.02	75	60479	6.267	ug/l #	48
38) Carbon Tetrachloride	7.02	117	82146	6.150	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.55	75	189462	136.452	ug/l #	16

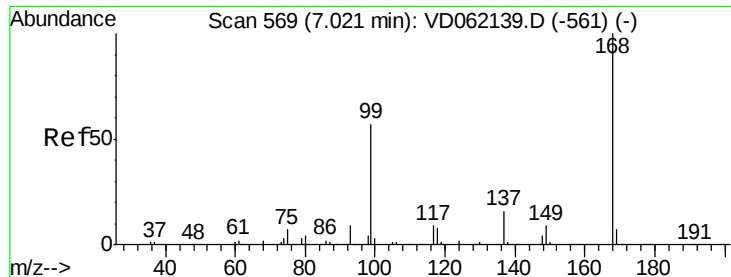
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
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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: 7.02 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

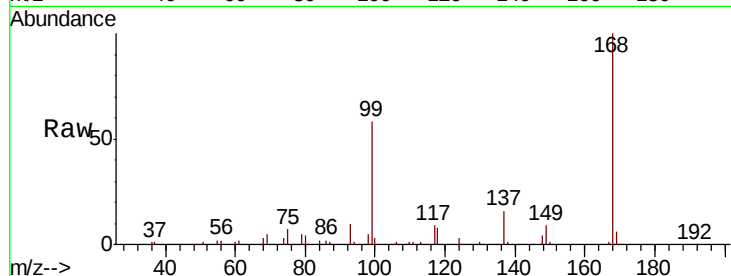
P026-SS001-0206-01

Tgt Ion:168 Resp: 849471

Ion Ratio Lower Upper

168 100

99 58.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

300000

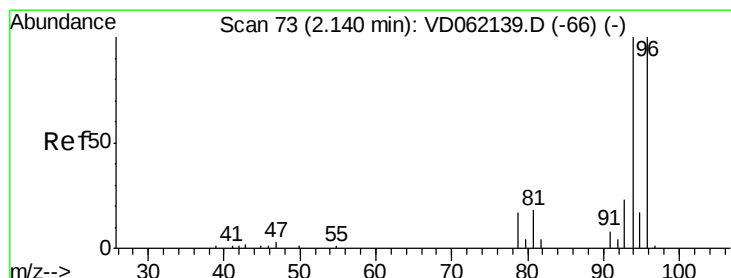
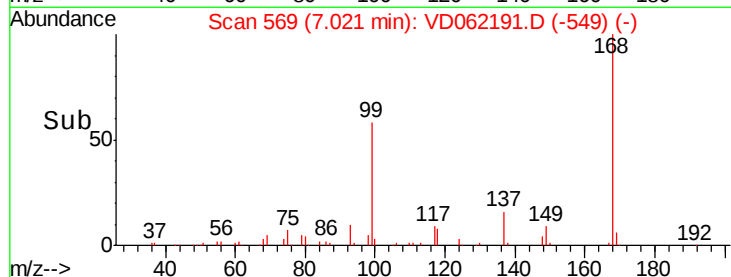
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#5

Bromomethane

Concen: 2.421 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

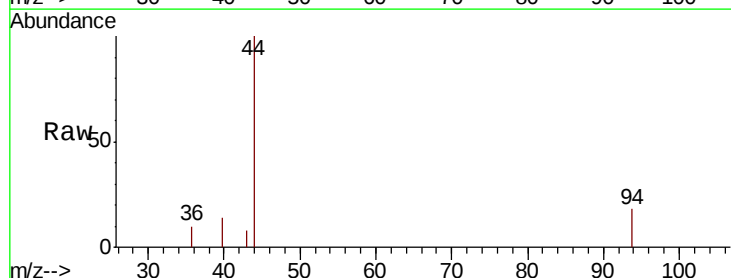
Tgt Ion: 94 Resp: 3273

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): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.16

1200

1000

800

600

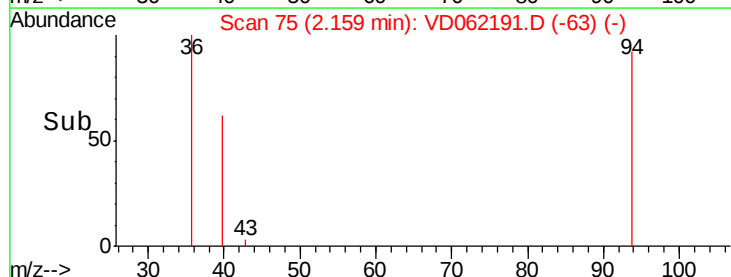
400

200

0

2.05 2.10 2.15 2.20

Time-->





#16

Acetone

Concen: 2.581 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

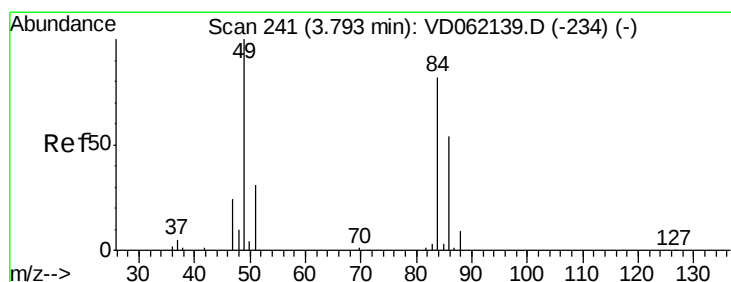
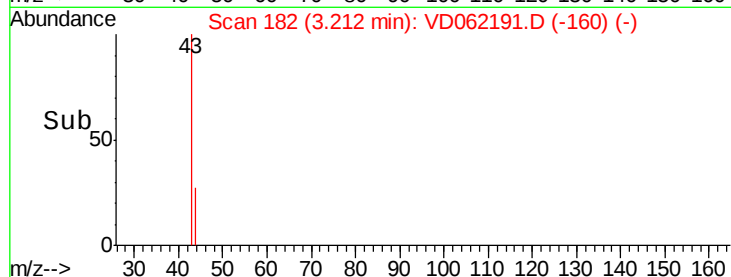
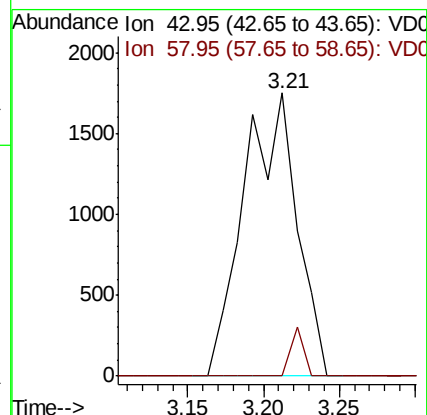
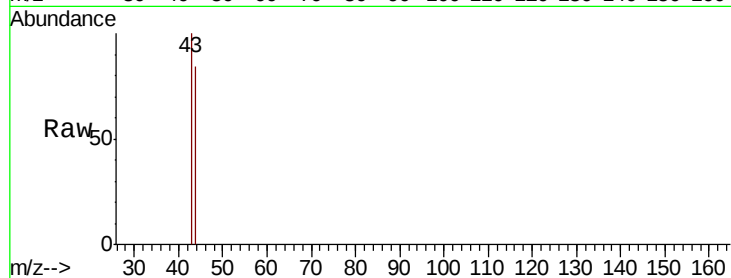
P026-SS001-0206-01

Tgt Ion: 43 Resp: 4273

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 3.483 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Tgt Ion: 84 Resp: 24075

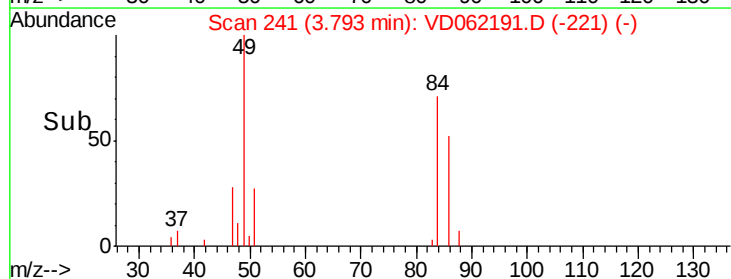
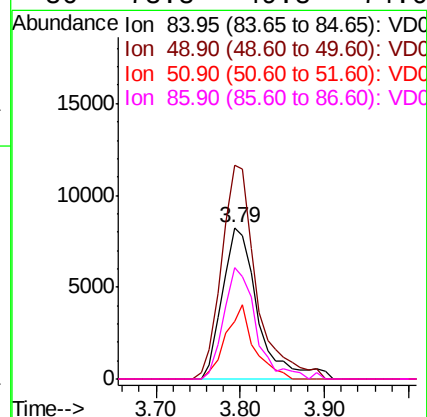
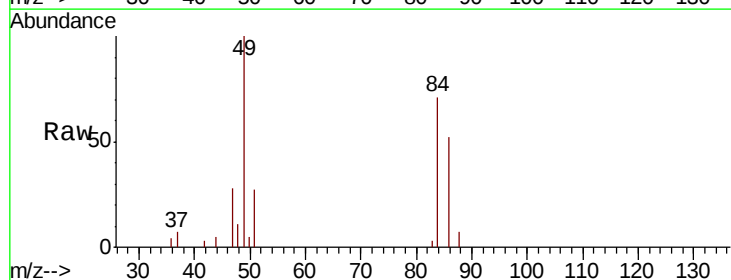
Ion Ratio Lower Upper

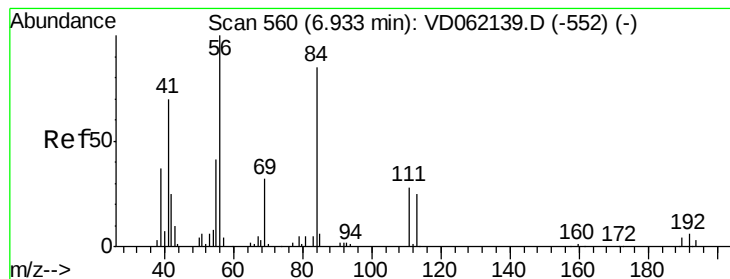
84 100

49 141.4 94.0 141.0#

51 37.8 29.0 43.4

86 73.8 49.8 74.6





#31

Cyclohexane

Concen: 1.936 ug/l

RT: 7.01 min Scan# 568

Delta R.T. 0.08 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0206-01

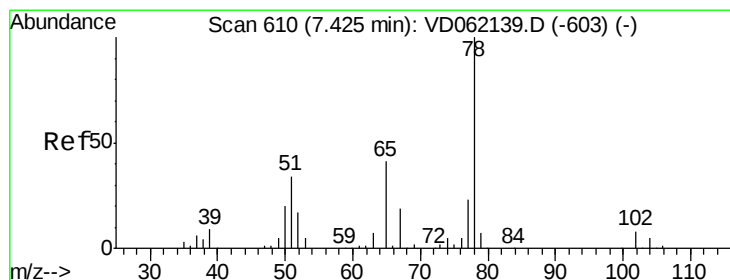
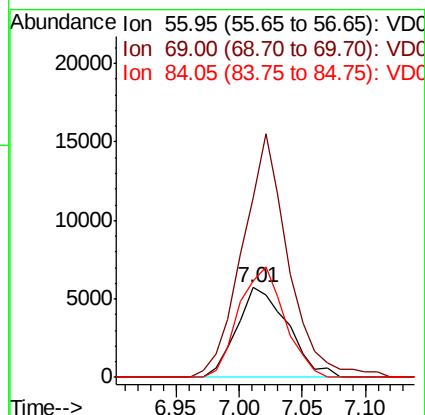
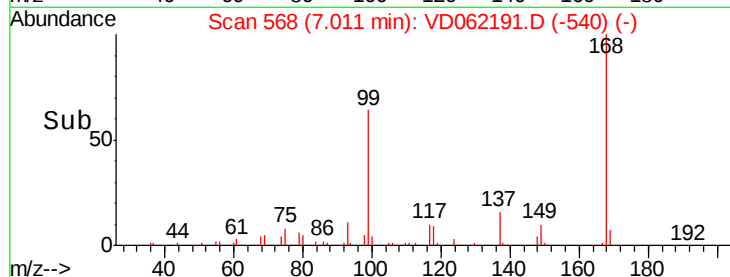
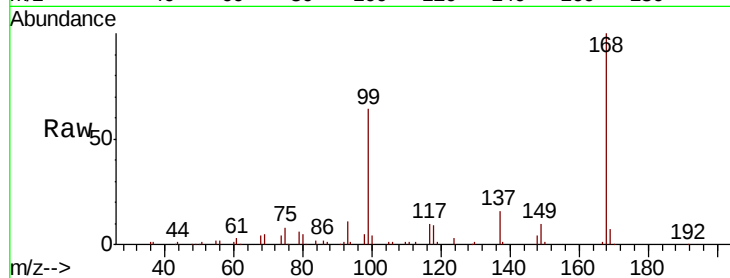
Tgt Ion: 56 Resp: 16032

Ion Ratio Lower Upper

56 100

69 200.7 25.8 38.6#

84 107.3 72.2 108.4



#33

1,2-Dichloroethane-d4

Concen: 62.149 ug/l

RT: 7.42 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD062191.D

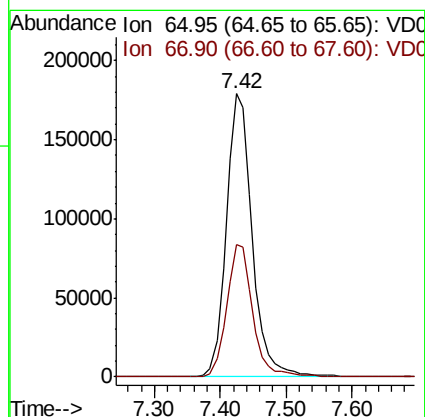
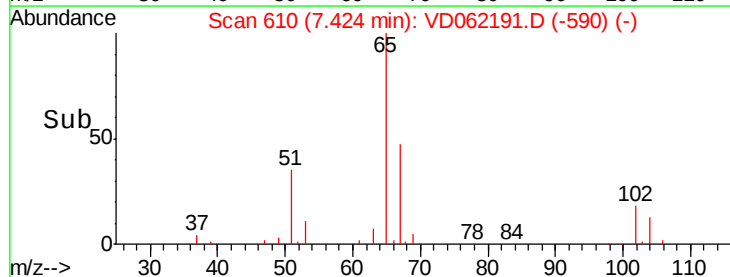
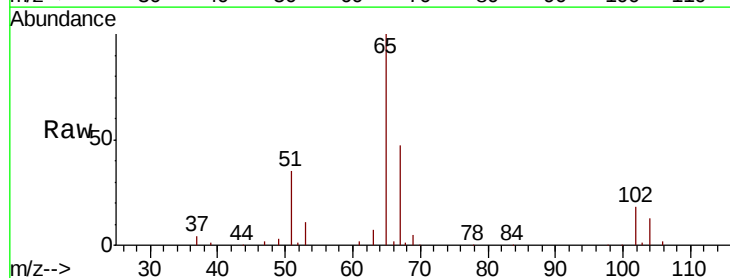
Acq: 9 May 2019 16:33

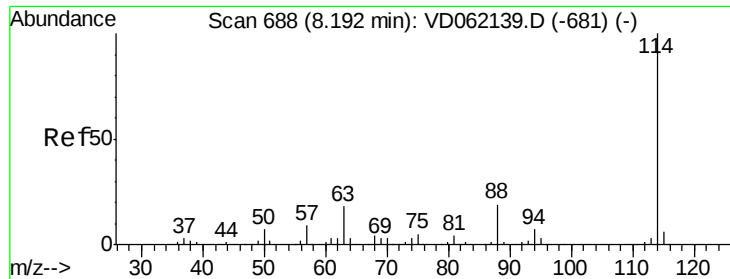
Tgt Ion: 65 Resp: 490622

Ion Ratio Lower Upper

65 100

67 46.6 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 688

Delta R.T. -0.00 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0206-01

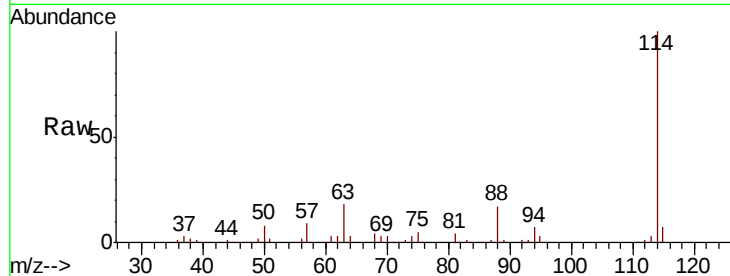
Tgt Ion:114 Resp: 1177063

Ion Ratio Lower Upper

114 100

63 18.0 0.0 32.4

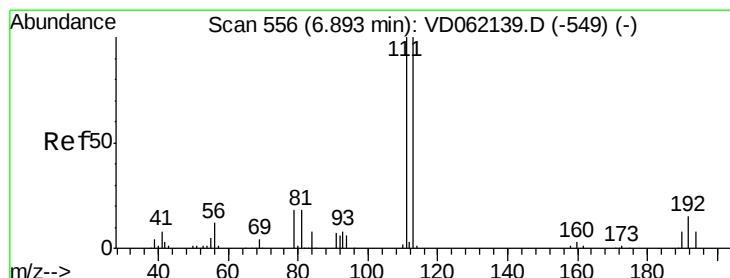
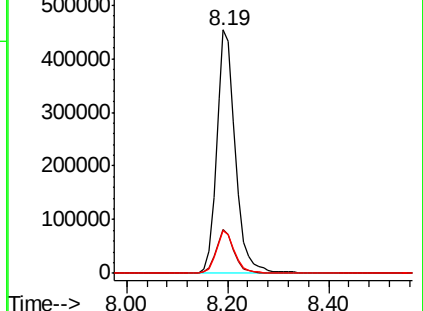
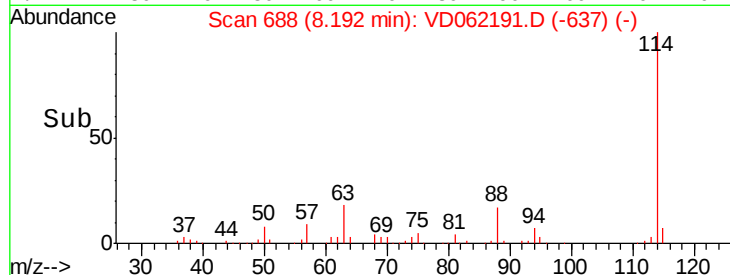
88 17.3 0.0 33.6



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: 59.789 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

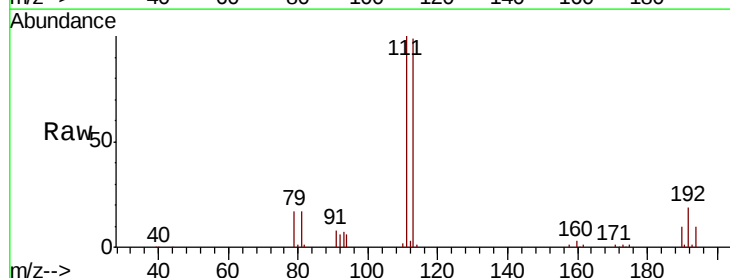
Tgt Ion:113 Resp: 583910

Ion Ratio Lower Upper

113 100

111 100.6 78.5 117.7

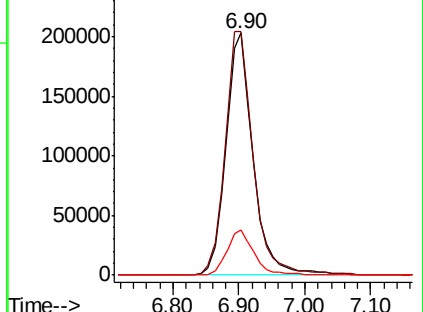
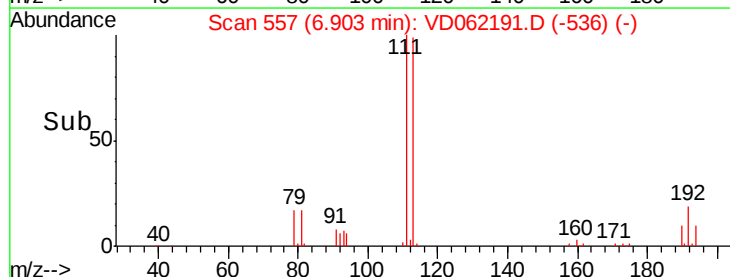
192 18.6 13.0 19.4

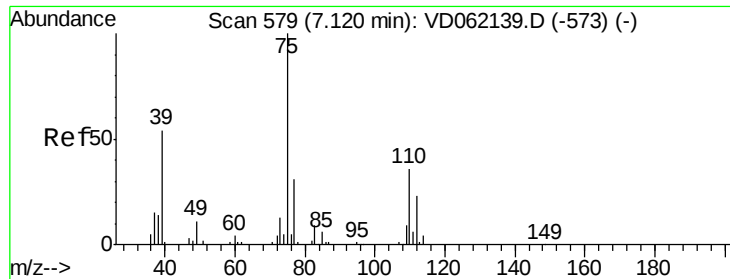


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.267 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.10 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0206-01

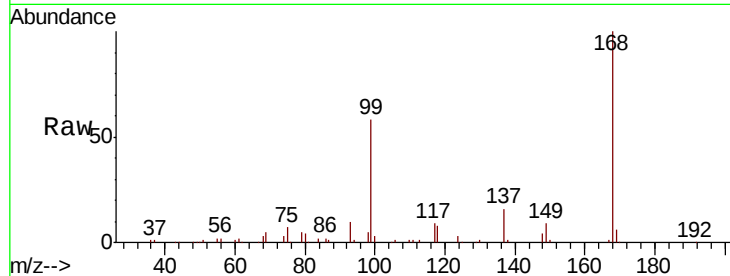
Tgt Ion: 75 Resp: 60479

Ion Ratio Lower Upper

75 100

110 8.9 19.1 57.1#

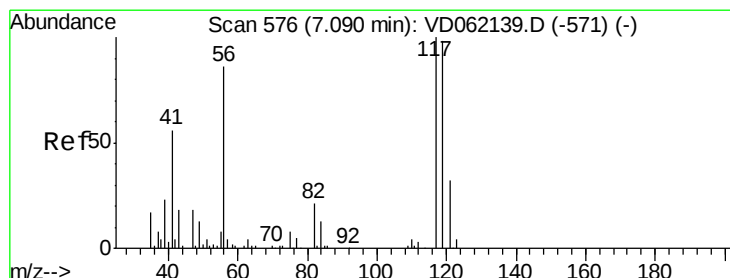
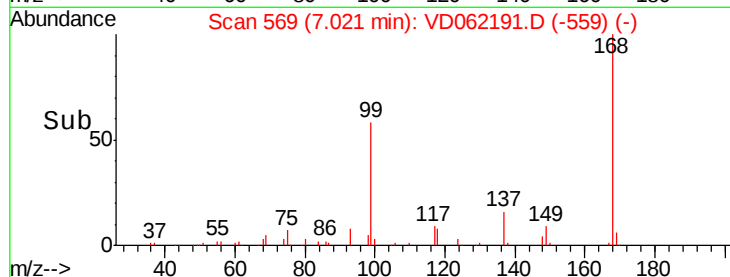
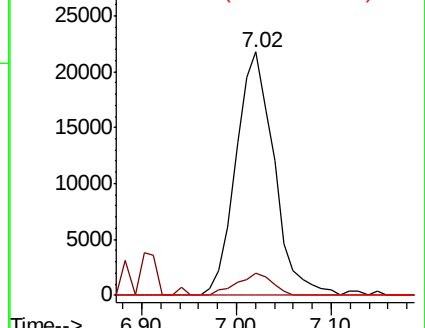
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.150 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.07 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

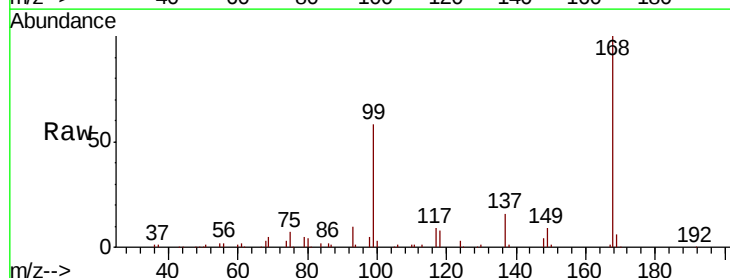
Tgt Ion: 117 Resp: 82146

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

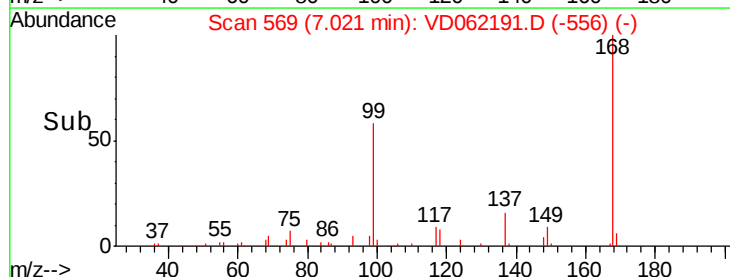
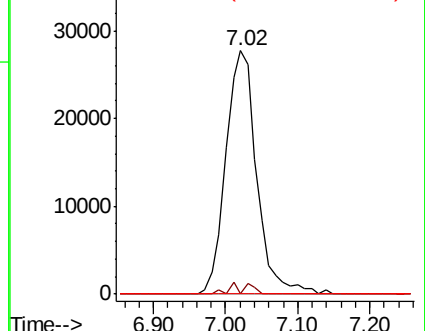
121 0.0 25.9 38.9#

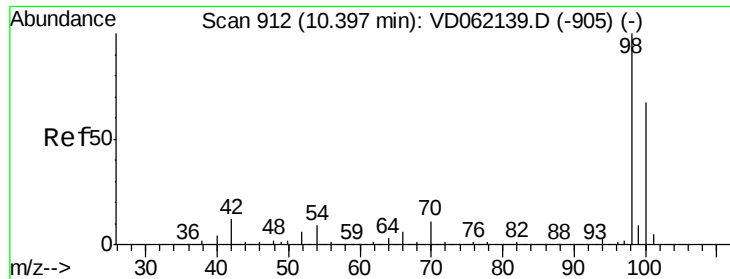


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: 48.293 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

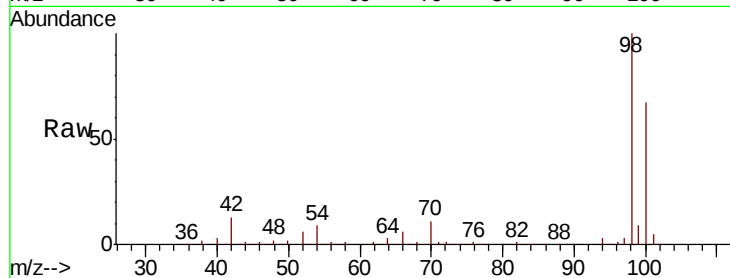
P026-SS001-0206-01

Tgt Ion: 98 Resp: 1137158

Ion Ratio Lower Upper

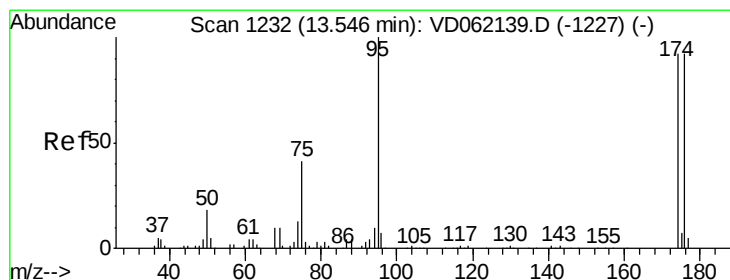
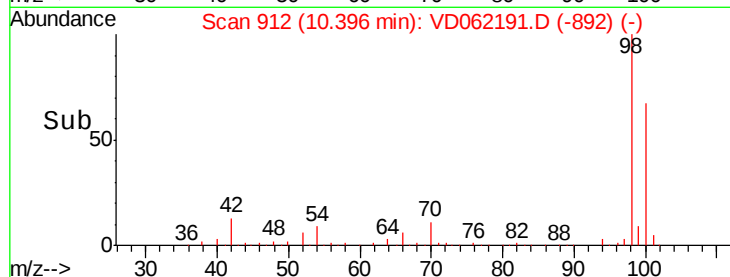
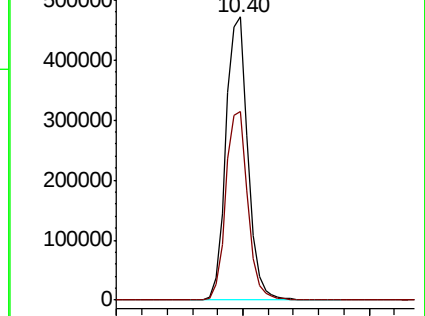
98 100

100 66.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 49.300 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

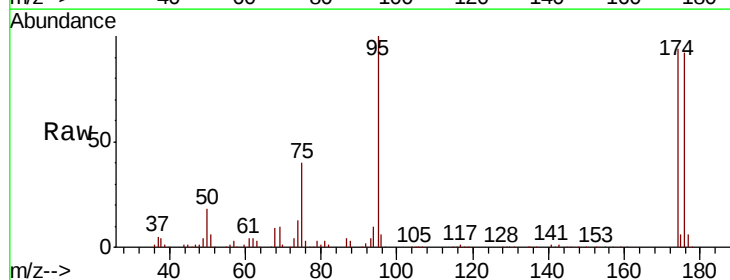
Tgt Ion: 95 Resp: 466167

Ion Ratio Lower Upper

95 100

174 94.2 0.0 181.8

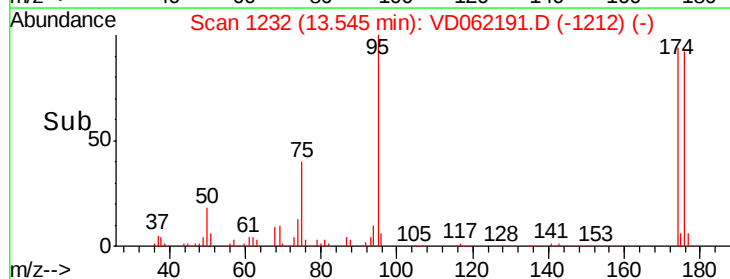
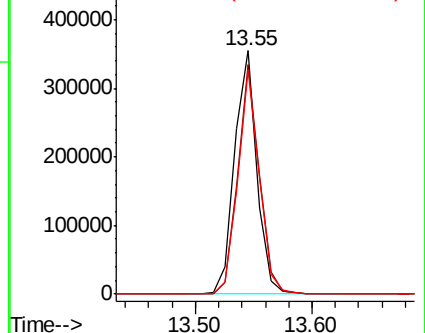
176 92.1 0.0 174.4

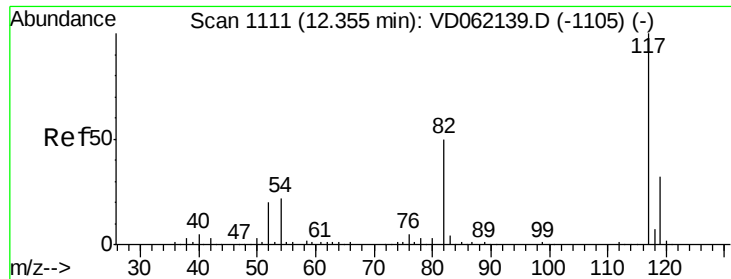


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

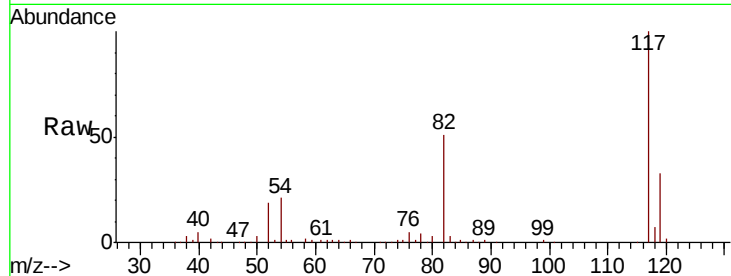




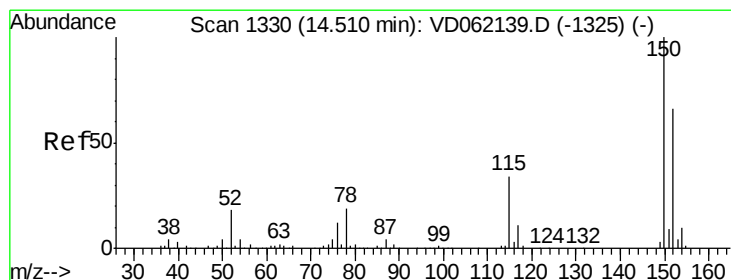
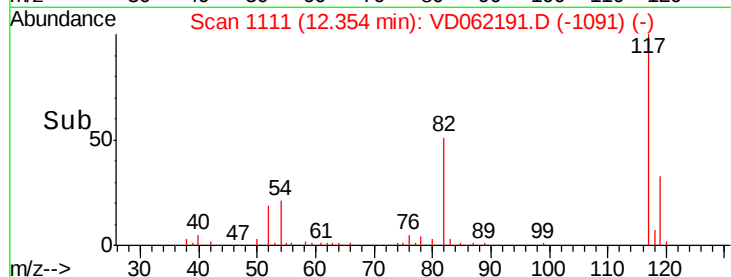
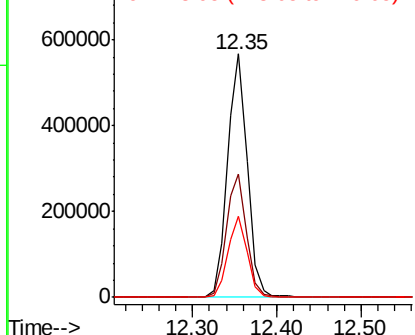
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062191.D
Acq: 9 May 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0206-01

Tgt Ion:117 Resp: 922751
Ion Ratio Lower Upper
117 100
82 50.6 36.2 54.2
119 33.4 26.2 39.4

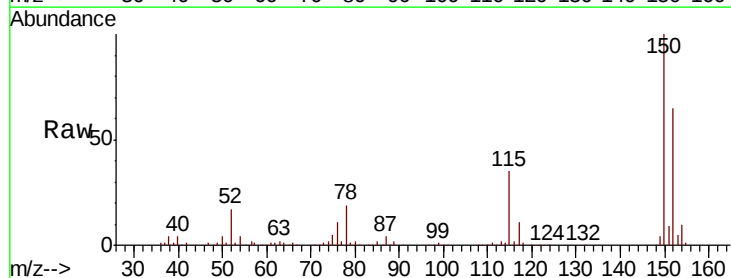


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

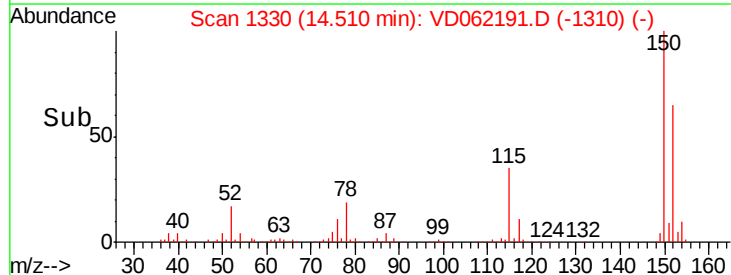
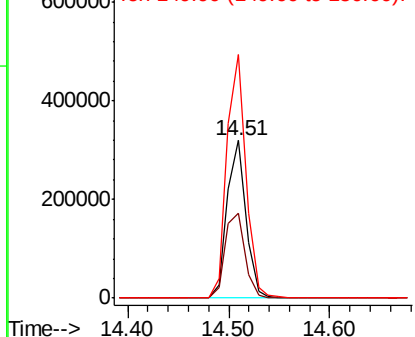


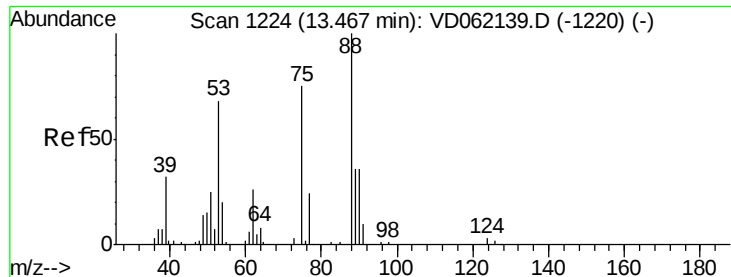
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062191.D
Acq: 9 May 2019 16:33

Tgt Ion:152 Resp: 413859
Ion Ratio Lower Upper
152 100
115 53.6 30.9 92.7
150 154.8 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





#81

trans-1,4-Dichloro-2-butene

Concen: 136.452 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062191.D

Acq: 9 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0206-01

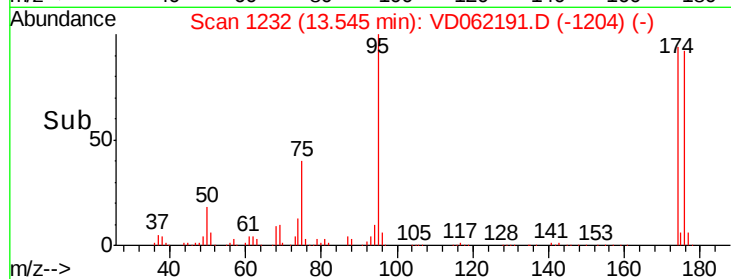
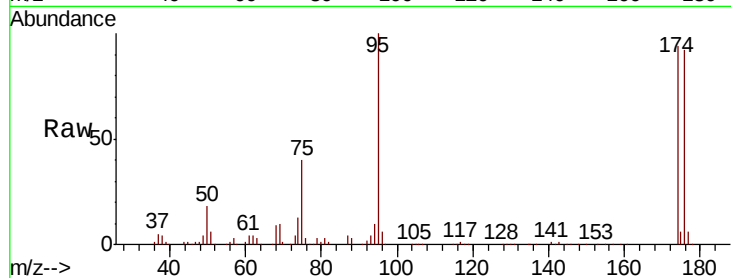
Tgt Ion: 75 Resp: 189462

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

