

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062179.D
 Acq On : 8 May 2019 17:34
 Operator : FY/SY
 Sample : K2717-07
 Misc : 4.12g/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-0206-01

Quant Time: May 09 01:25:49 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	7.03	168	12982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	27036	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	29980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	12318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	26801	222.15	ug/l	0.00
Spiked Amount			Recovery	=	444.30%	
35) Dibromofluoromethane	6.91	113	20817	92.80	ug/l	0.02
Spiked Amount			Recovery	=	185.60%	
50) Toluene-d8	10.39	98	32072	59.30	ug/l	0.00
Spiked Amount			Recovery	=	118.60%	
62) 4-Bromofluorobenzene	13.54	95	13521	62.26	ug/l	0.00
Spiked Amount			Recovery	=	124.52%	

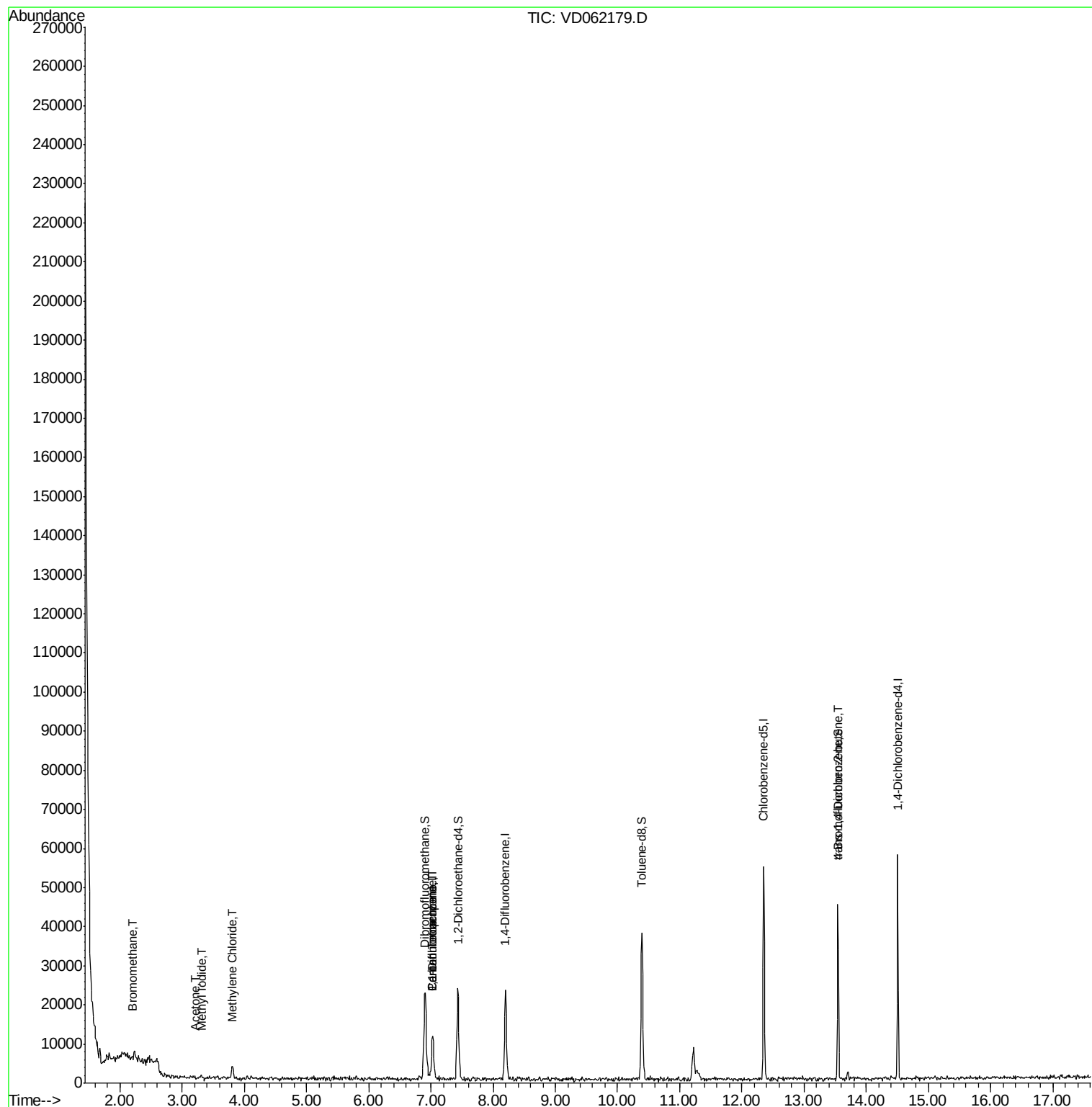
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	1128	54.598	ug/l #	12
10) Methyl Iodide	3.31	142	842	4.296	ug/l #	37
16) Acetone	3.21	43	282	11.146	ug/l #	50
20) Methylene Chloride	3.81	84	2315	21.915	ug/l #	87
36) 1,1-Dichloropropene	7.04	75	537	2.423	ug/l #	40
38) Carbon Tetrachloride	7.03	117	656	2.138	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.54	75	5267	127.448	ug/l #	16

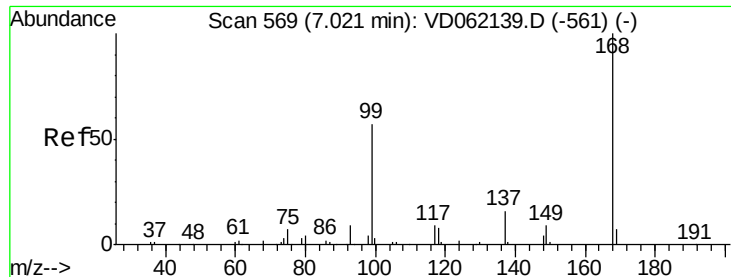
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

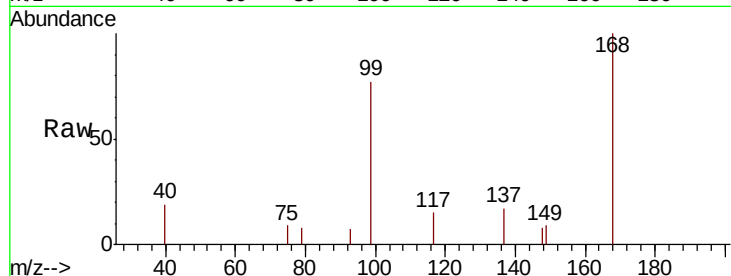
P026-SS002-0206-01

Tot Ion:168 Resp: 12982

Ion Ratio Lower Upper

168 100

99 77.4 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

5000

4000

3000

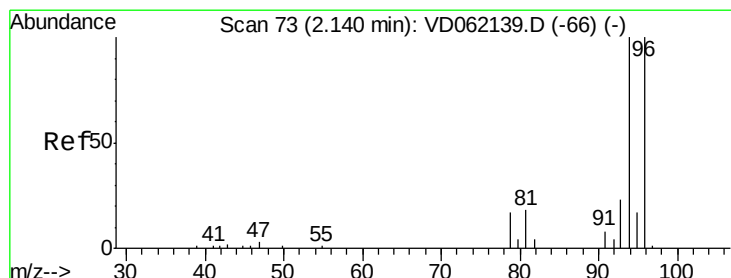
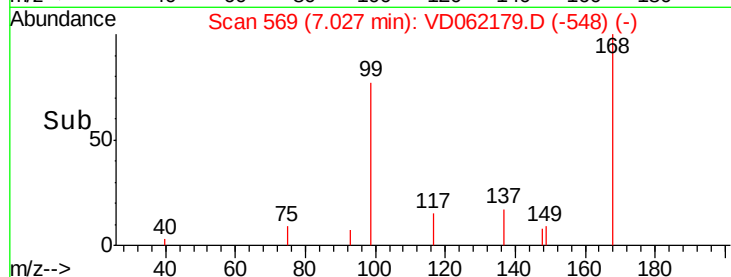
2000

1000

0

6.95 7.00 7.05 7.10

Time-->



#5

Bromomethane

Concen: 54.598 ug/l

RT: 2.19 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

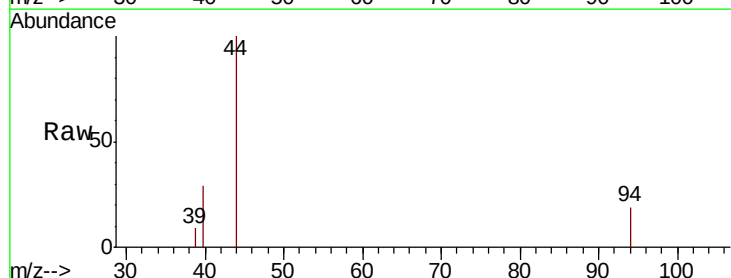
Tgt Ion: 94 Resp: 1128

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

1000

800

600

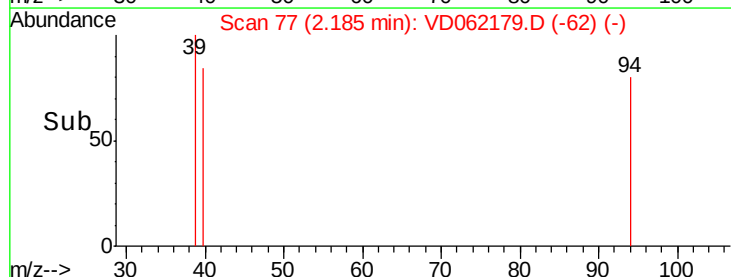
400

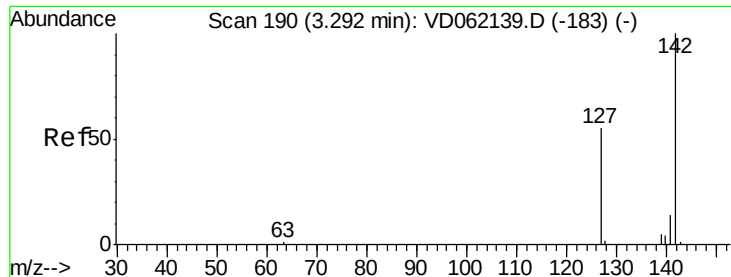
200

0

2.14 2.16 2.18 2.20

Time-->

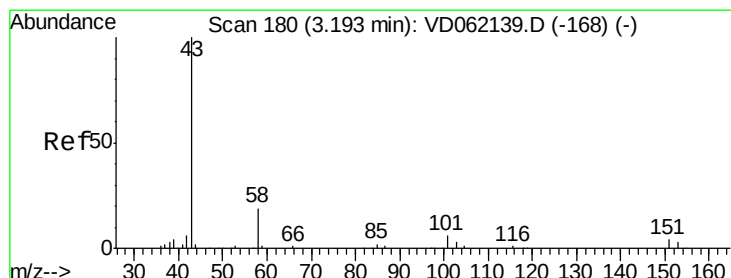
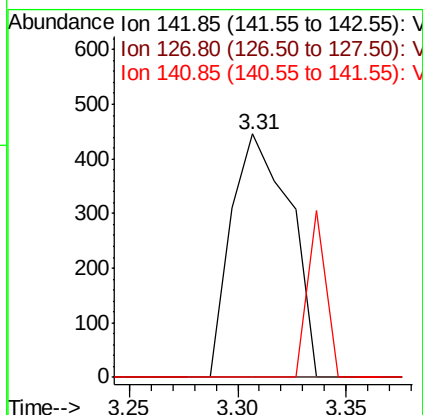
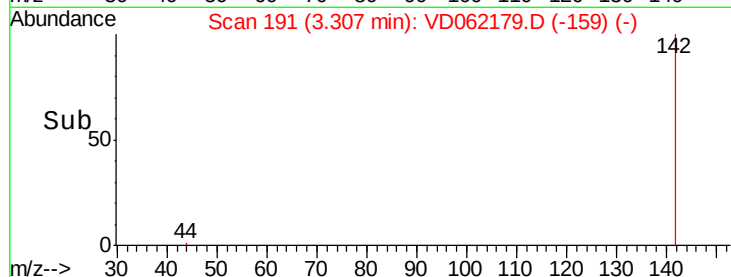
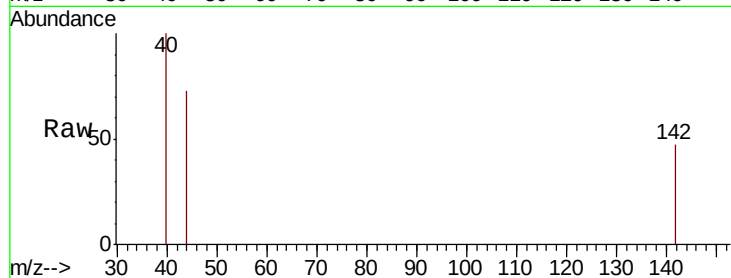




#10
Methyl Iodide
Concen: 4.296 ug/l
RT: 3.31 min Scan# 191
Delta R.T. 0.02 min
Lab File: VD062179.D
Acq: 8 May 2019 17:34

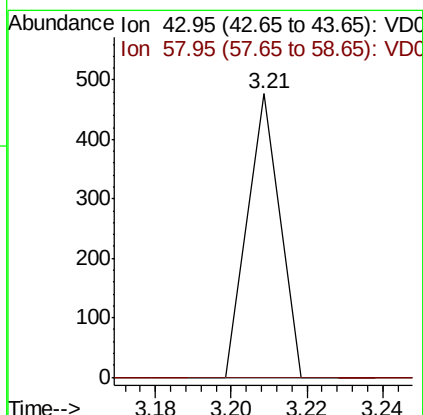
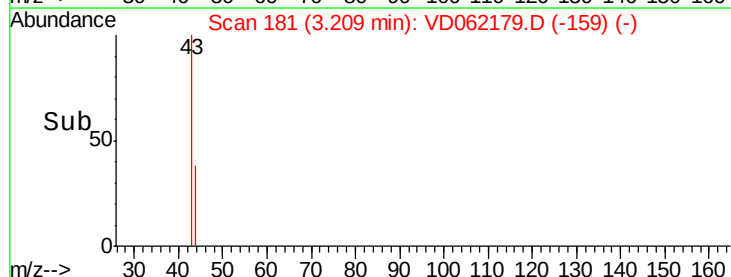
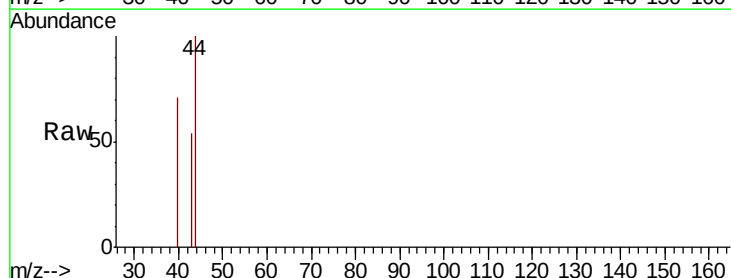
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0206-01

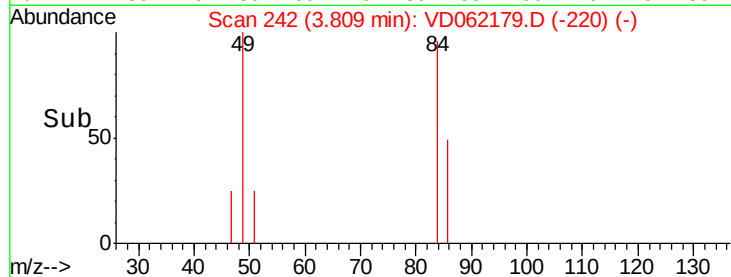
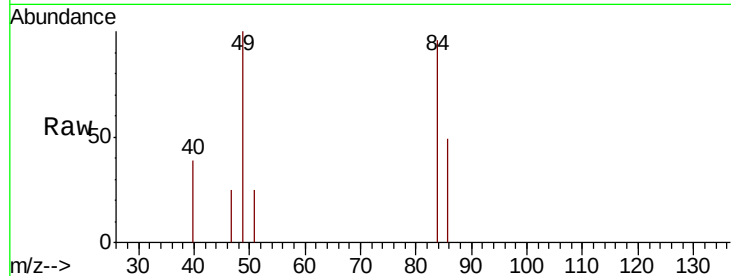
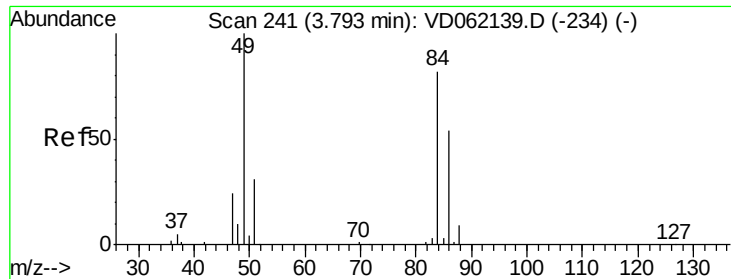
Tot Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 11.146 ug/l
RT: 3.21 min Scan# 181
Delta R.T. 0.02 min
Lab File: VD062179.D
Acq: 8 May 2019 17:34

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#

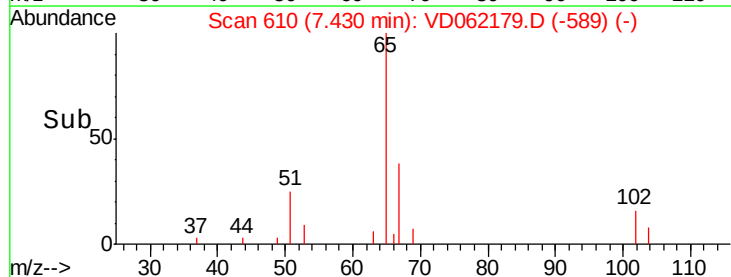
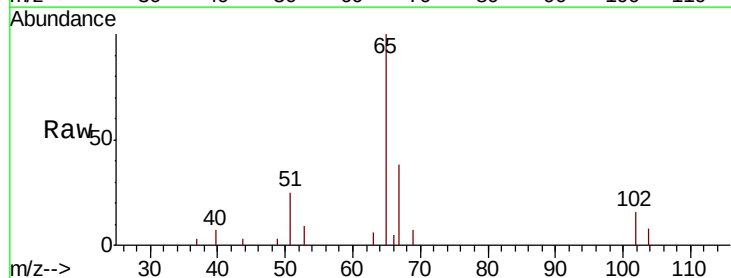
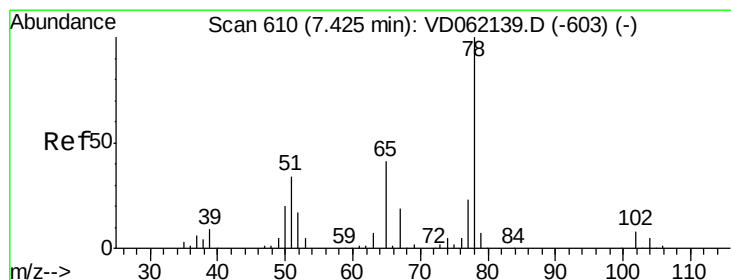
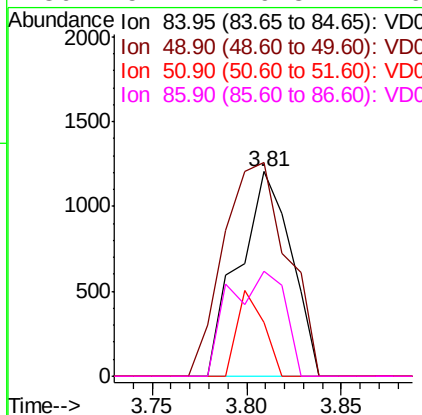




#20
Methylene Chloride
Concen: 21.915 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.02 min
Lab File: VD062179.D
Acq: 8 May 2019 17:34

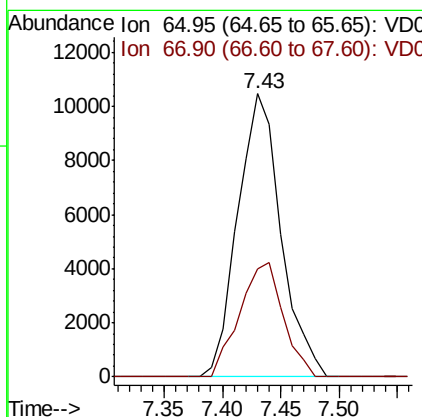
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0206-01

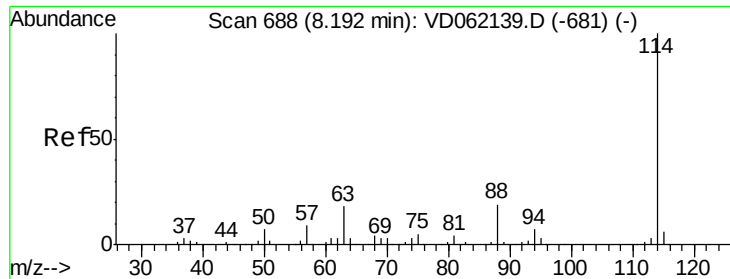
Tot Ion: 84 Resp: 2315
Ion Ratio Lower Upper
84 100
49 104.6 94.0 141.0
51 26.3 29.0 43.4#
86 51.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 222.151 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.01 min
Lab File: VD062179.D
Acq: 8 May 2019 17:34

Tgt Ion: 65 Resp: 26801
Ion Ratio Lower Upper
65 100
67 38.0 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-0206-01

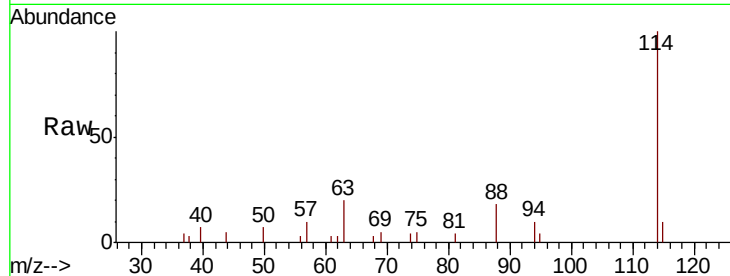
Tot Ion:114 Resp: 27036

Ion Ratio Lower Upper

114 100

63 19.7 0.0 32.4

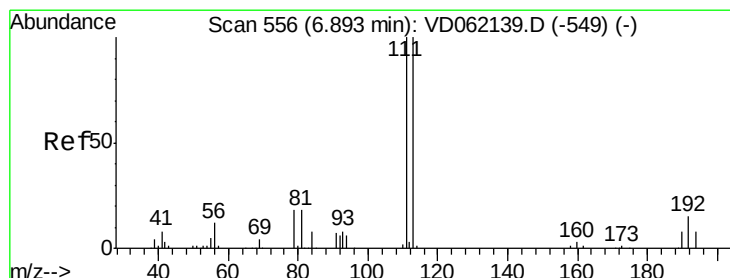
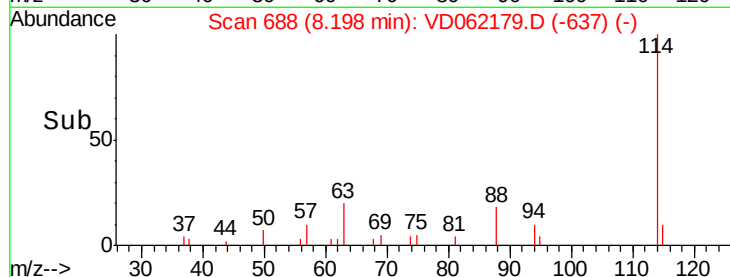
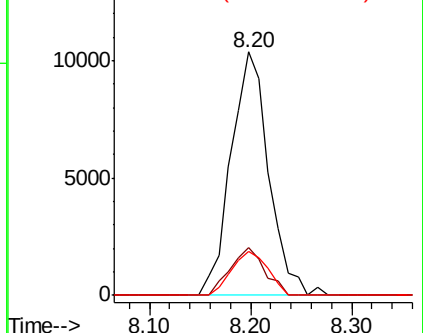
88 18.1 0.0 33.6



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: 92.800 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.02 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

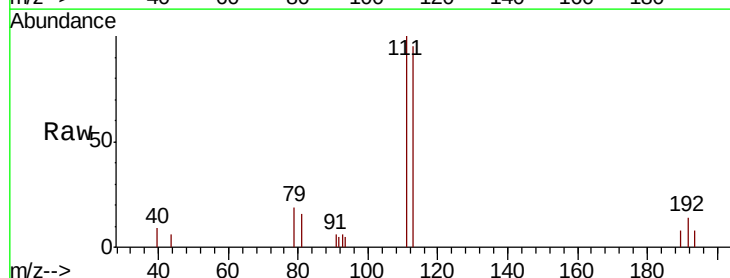
Tgt Ion:113 Resp: 20817

Ion Ratio Lower Upper

113 100

111 104.9 78.5 117.7

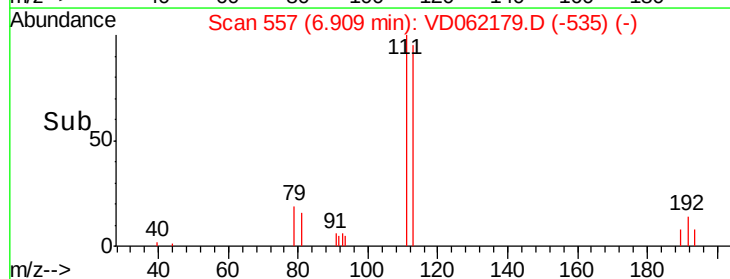
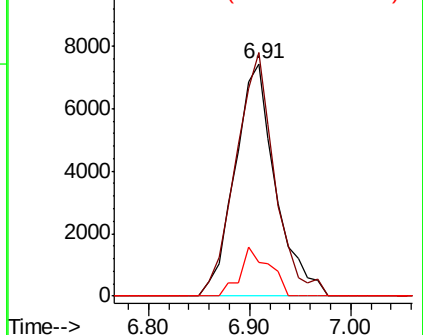
192 14.5 13.0 19.4

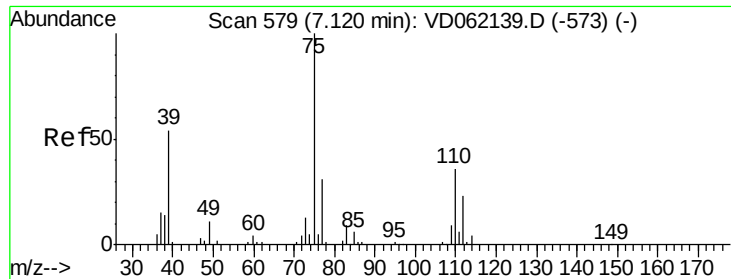


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

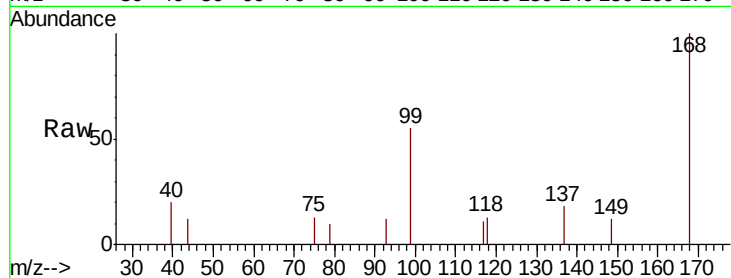




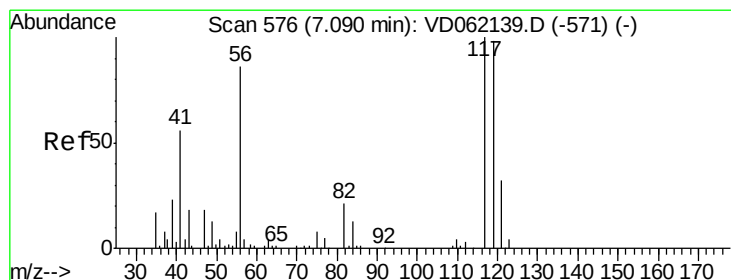
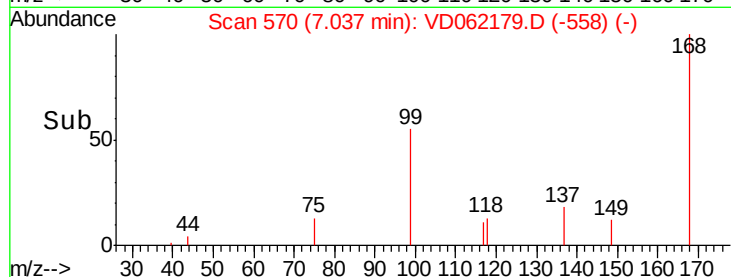
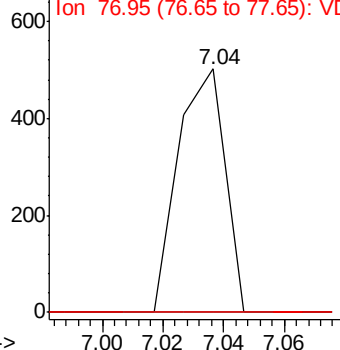
#36
 1,1-Dichloropropene
 Concen: 2.423 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD062179.D
 Acq: 8 May 2019 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-0206-01

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

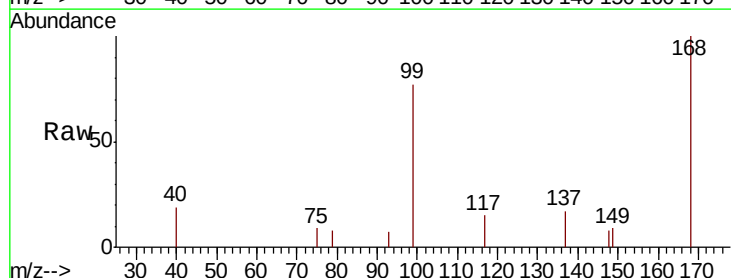


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

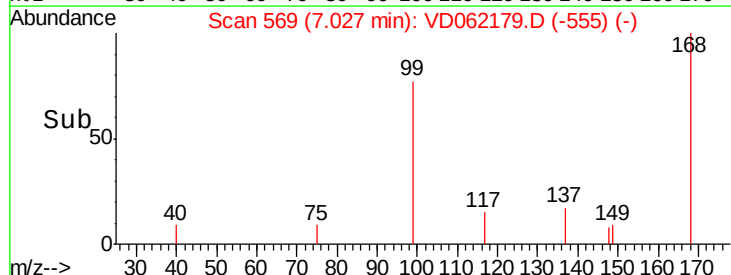
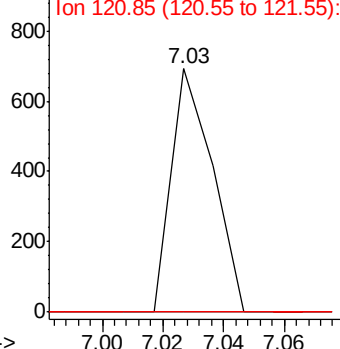


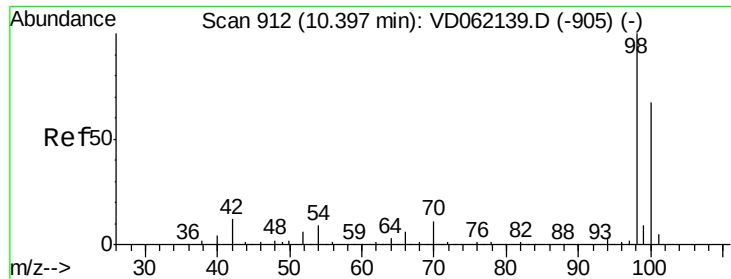
#38
 Carbon Tetrachloride
 Concen: 2.138 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: VD062179.D
 Acq: 8 May 2019 17:34

Tgt 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): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC





#50

Toluene-d8

Concen: 59.299 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

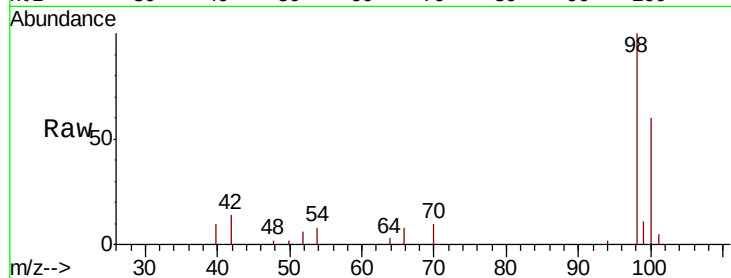
P026-SS002-0206-01

Tot Ion: 98 Resp: 32072

Ion Ratio Lower Upper

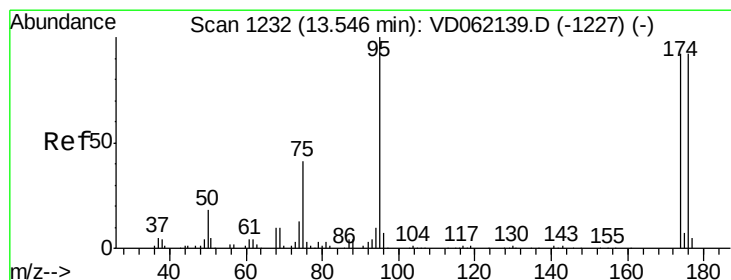
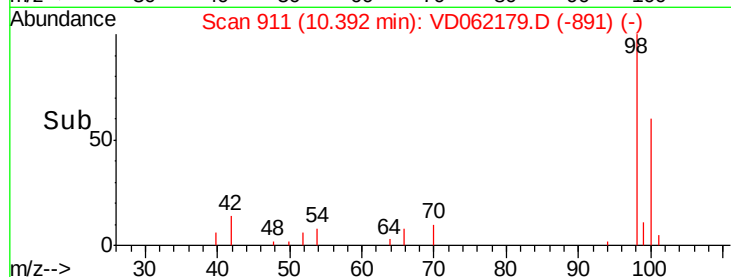
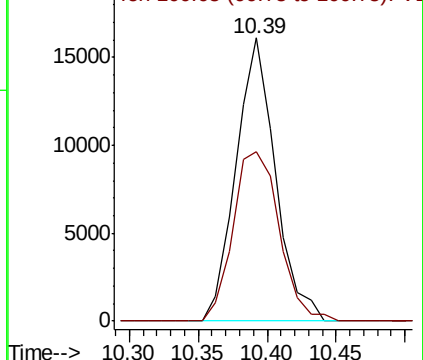
98 100

100 59.7 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: 62.255 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

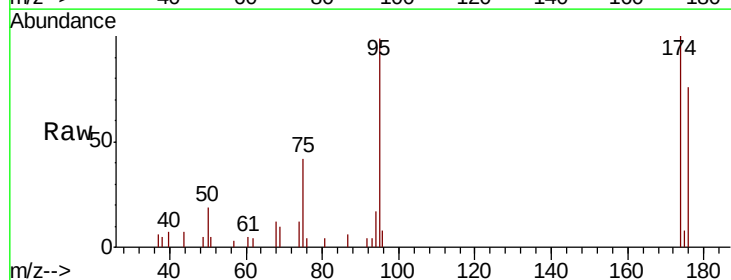
Tgt Ion: 95 Resp: 13521

Ion Ratio Lower Upper

95 100

174 100.6 0.0 181.8

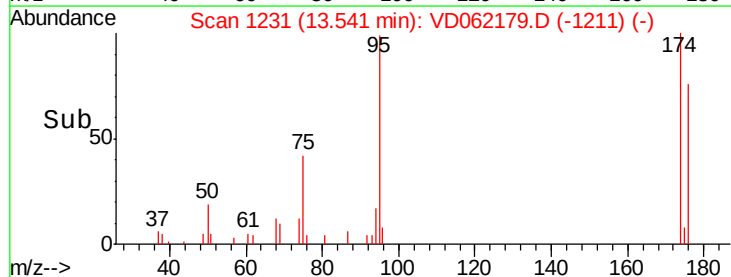
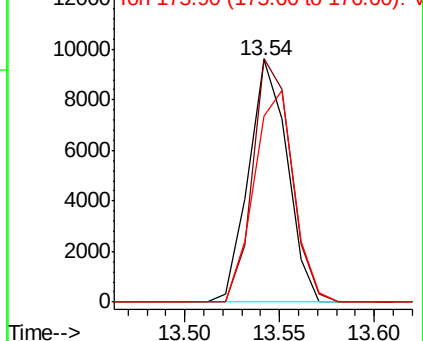
176 76.9 0.0 174.4

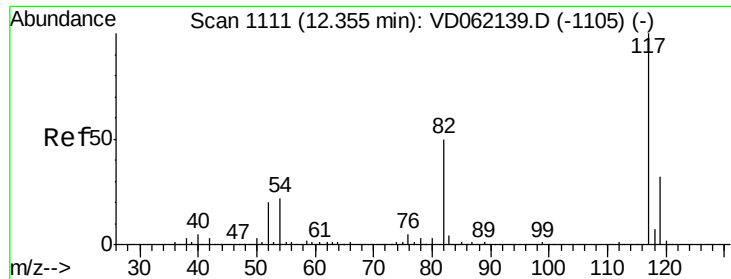


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

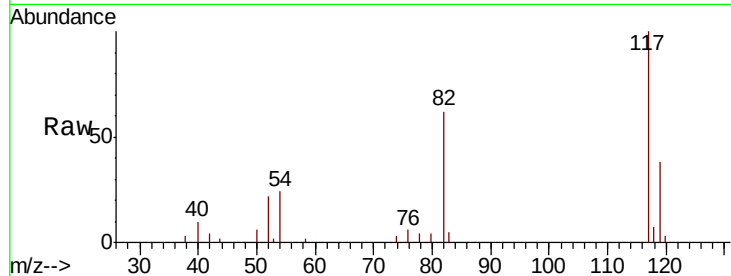




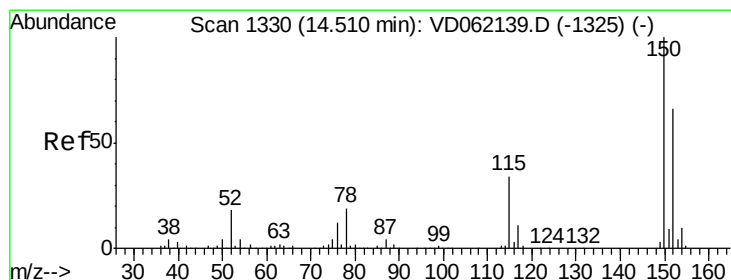
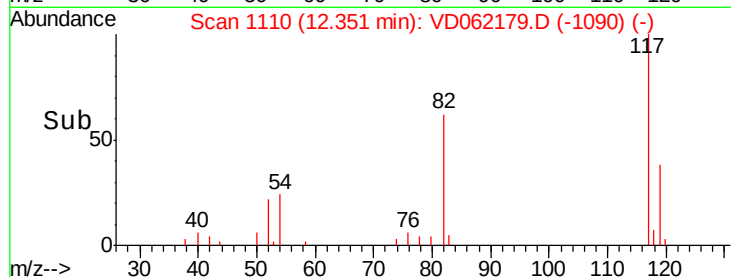
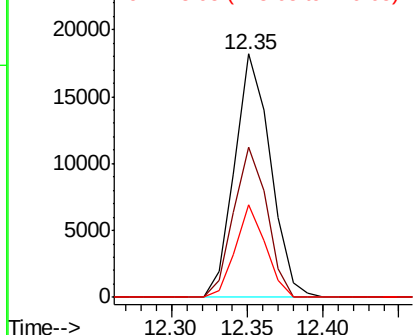
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062179.D
Acq: 8 May 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0206-01

Tot Ion:117 Resp: 29980
Ion Ratio Lower Upper
117 100
82 66.3 36.2 54.2#
119 37.8 26.2 39.4

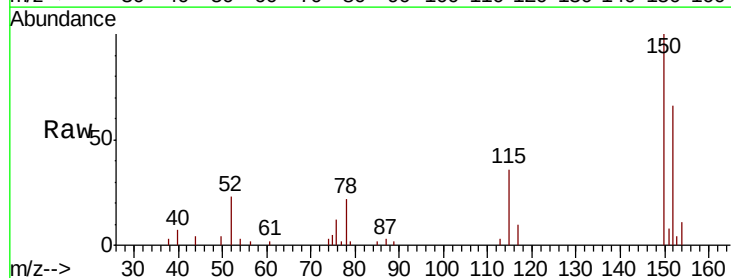


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

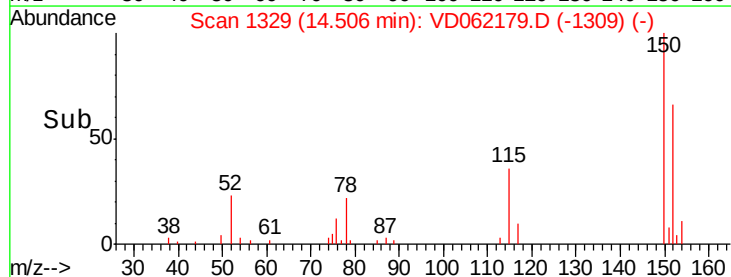
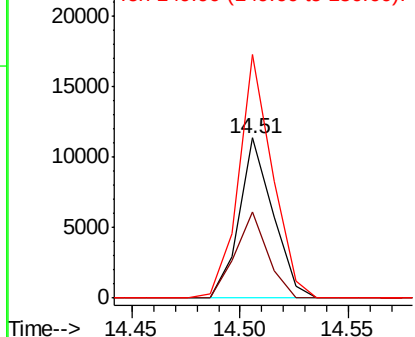


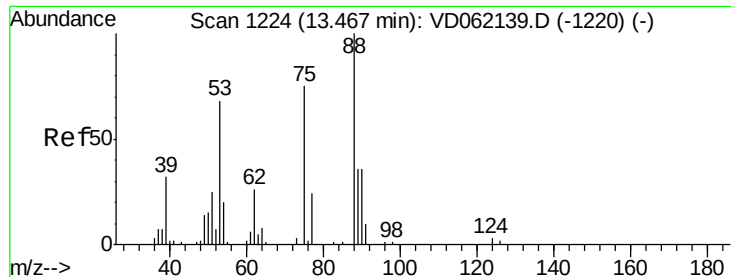
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062179.D
Acq: 8 May 2019 17:34

Tgt Ion:152 Resp: 12318
Ion Ratio Lower Upper
152 100
115 54.1 30.9 92.7
150 152.1 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: 127.448 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062179.D

Acq: 8 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-0206-01

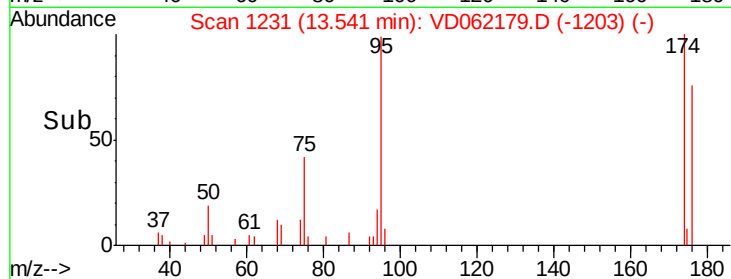
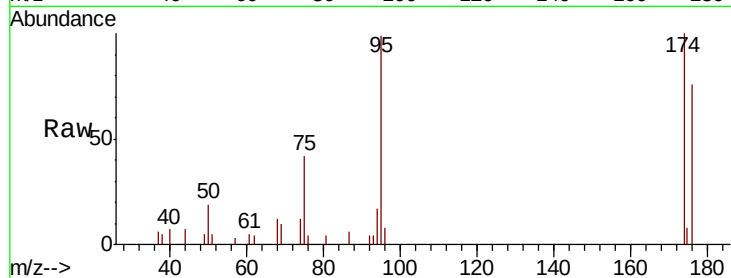
Tot Ion: 75 Resp: 5267

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

