

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062283.D
 Acq On : 13 May 2019 3:45
 Operator : FY/SY
 Sample : K2719-14RE
 Misc : 4.78g/5mL/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS010-0206-01RE

Quant Time: May 13 08:36:21 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

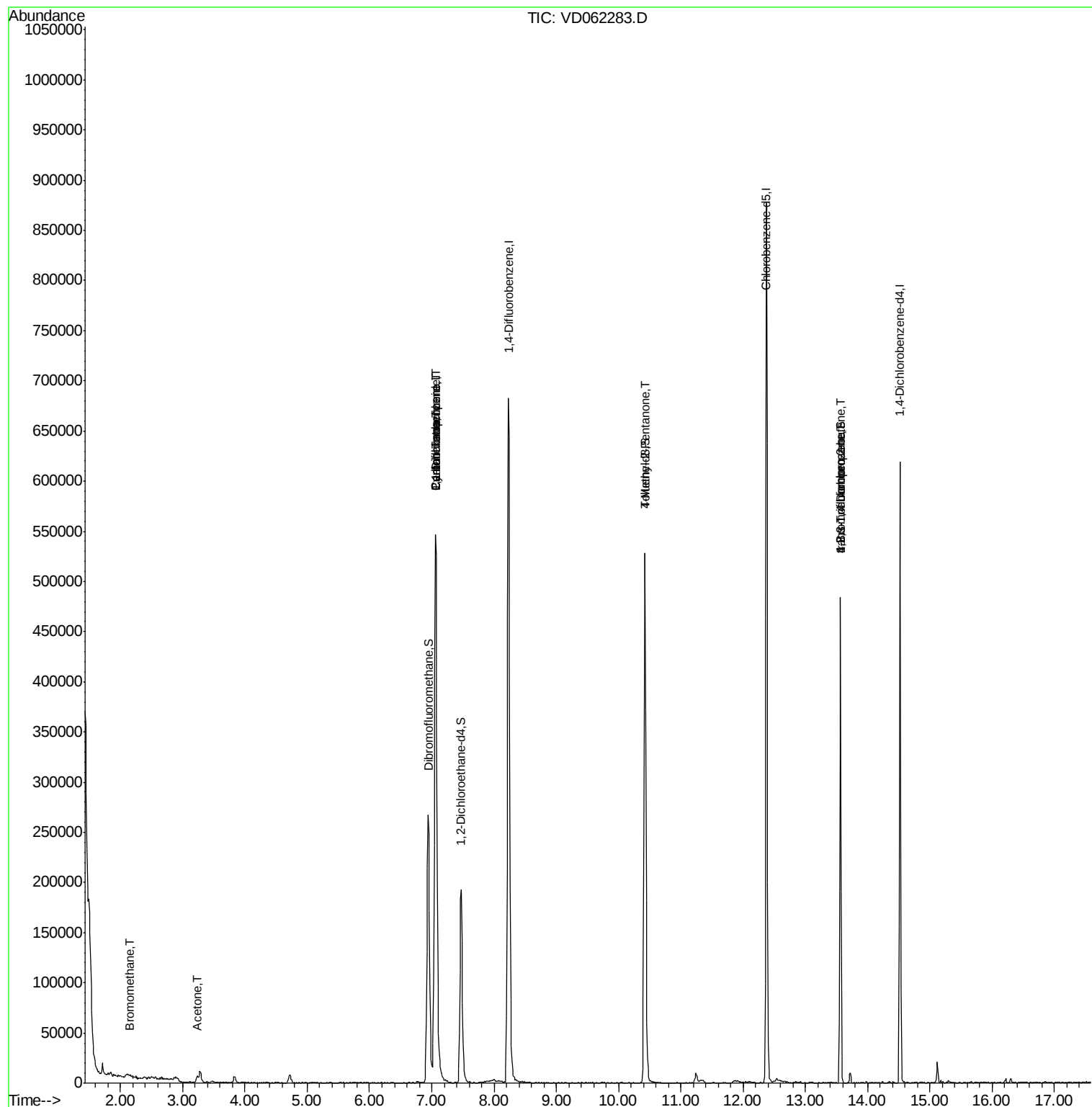
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	517476	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	707898	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	449322	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	137673	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	217563	45.24	ug/l	0.05
Spiked Amount 50.000			Recovery	=	90.48%	
35) Dibromofluoromethane	6.94	113	239854	40.84	ug/l	0.05
Spiked Amount 50.000			Recovery	=	81.68%	
50) Toluene-d8	10.43	98	442730	31.26	ug/l	0.03
Spiked Amount 50.000			Recovery	=	62.52%	
62) 4-Bromofluorobenzene	13.57	95	134395	23.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	47.26%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.14	94	1839	2.233	ug/l #	12
16) Acetone	3.23	43	14190	14.071	ug/l #	84
31) Cyclohexane	7.06	56	11886	2.356	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	42241	7.278	ug/l #	49
38) Carbon Tetrachloride	7.06	117	54444	6.777	ug/l #	17
51) 4-Methyl-2-Pentanone	10.43	43	2513	1.120	ug/l #	1
76) 1,2,3-Trichloropropane	13.57	75	53928	32.961	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.57	75	58429	126.500	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062283.D
Acq On : 13 May 2019 3:45
Operator : FY/SY
Sample : K2719-14RE
Misc : 4.78g/5mL/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS010-0206-01RE

Quant Time: May 13 08:36:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
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: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Instrument :

MSVOA_D

ClientSampleId :

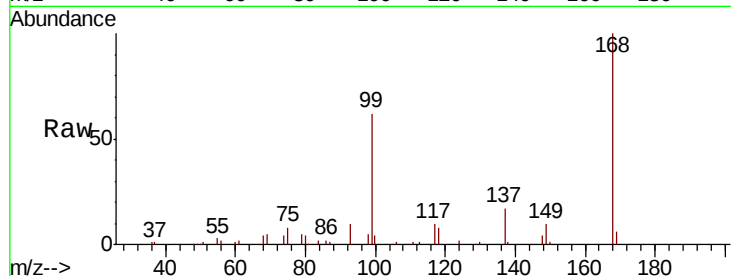
P026-SS010-0206-01RE

Tot Ion:168 Resp: 517476

Ion Ratio Lower Upper

168 100

99 62.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

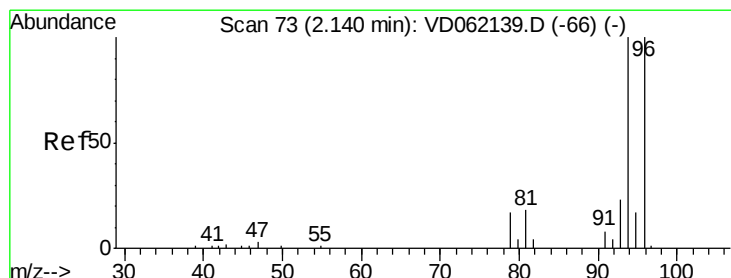
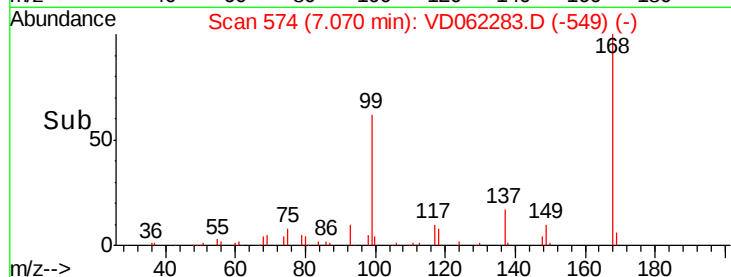
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 2.233 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

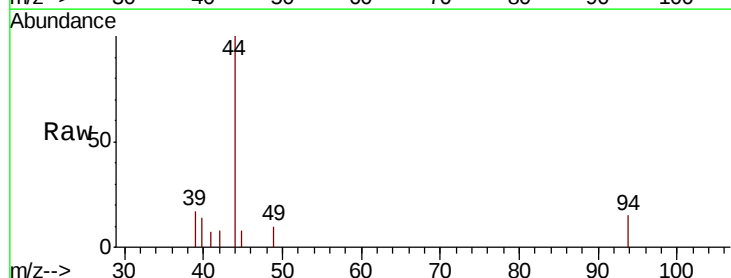
Tgt Ion: 94 Resp: 1839

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

800

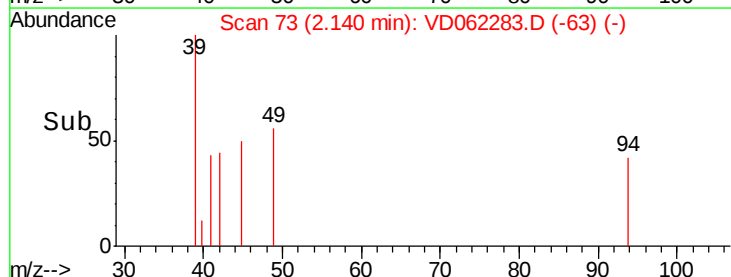
600

400

200

0

Time--> 2.10 2.15 2.20





#16

Acetone

Concen: 14.071 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Instrument :

MSVOA_D

ClientSampleId :

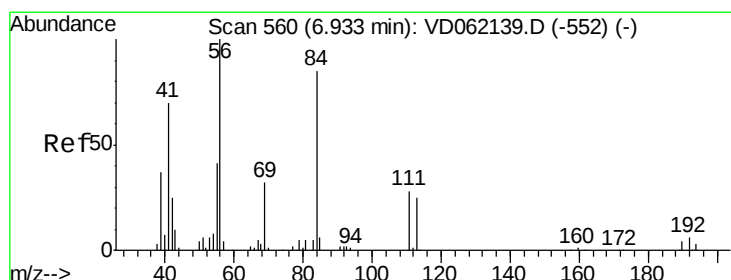
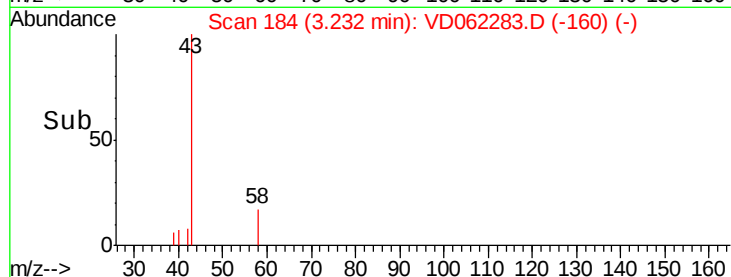
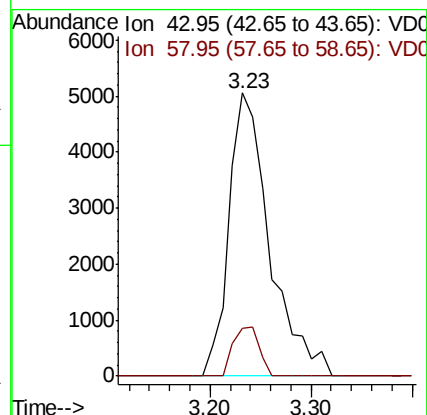
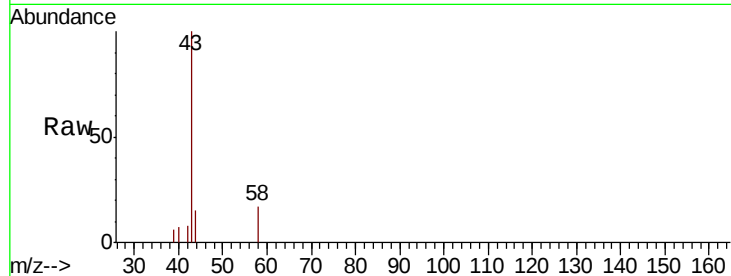
P026-SS010-0206-01RE

Tot Ion: 43 Resp: 14190

Ion Ratio Lower Upper

43 100

58 17.1 19.9 29.9#



#31

Cyclohexane

Concen: 2.356 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

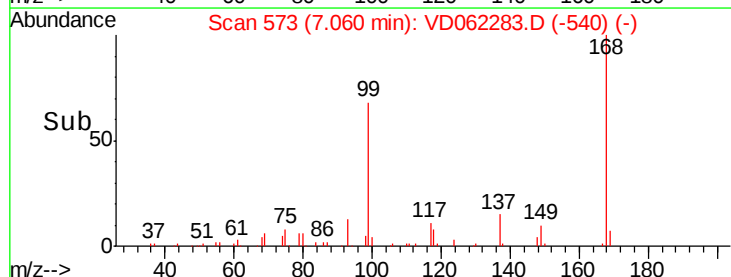
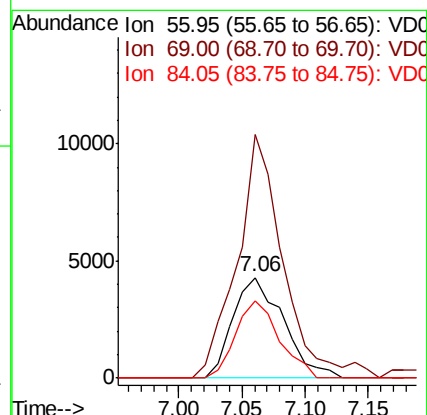
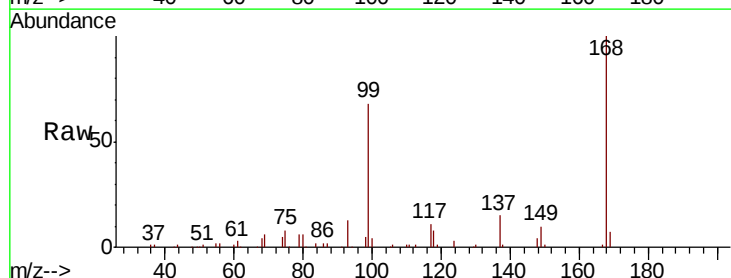
Tgt Ion: 56 Resp: 11886

Ion Ratio Lower Upper

56 100

69 242.8 25.8 38.6#

84 76.9 72.2 108.4





#33

1,2-Dichloroethane-d4

Concen: 45.241 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Instrument :

MSVOA_D

ClientSampleId :

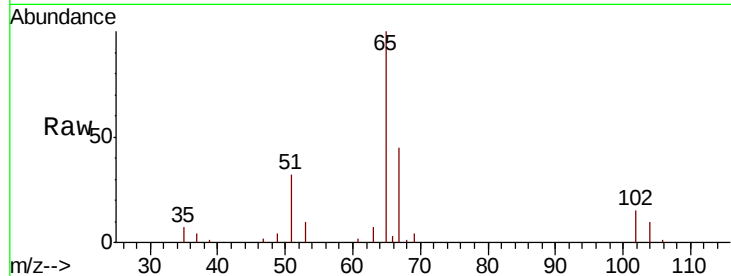
P026-SS010-0206-01RE

Tot Ion: 65 Resp: 217563

Ion Ratio Lower Upper

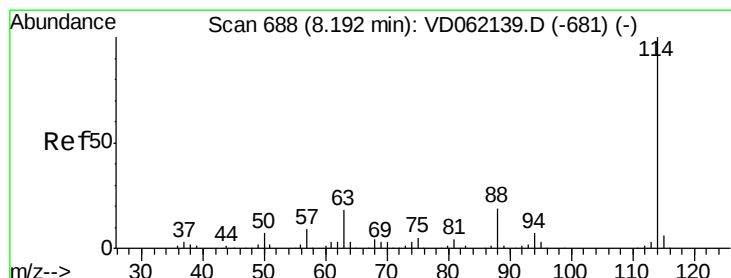
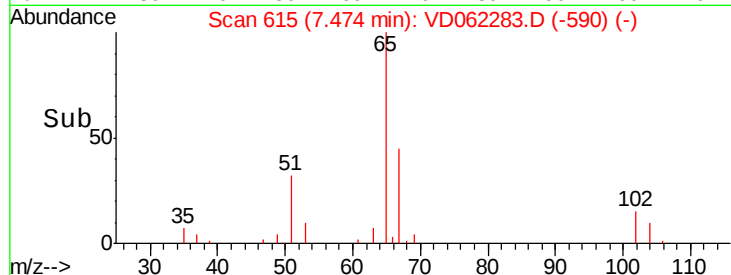
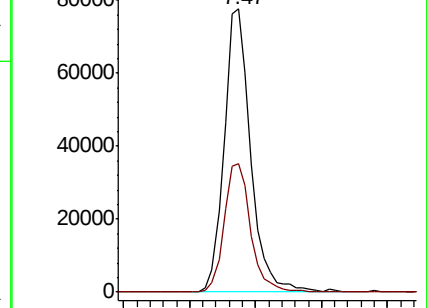
65 100

67 45.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

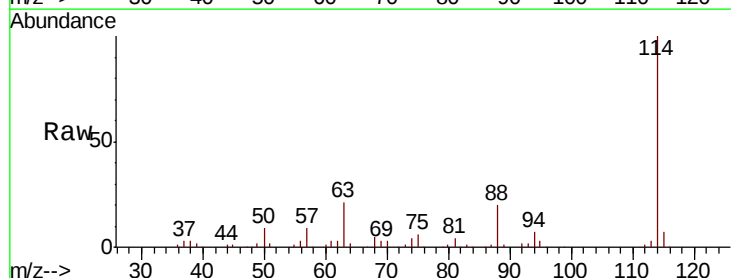
Tgt Ion: 114 Resp: 707898

Ion Ratio Lower Upper

114 100

63 20.7 0.0 32.4

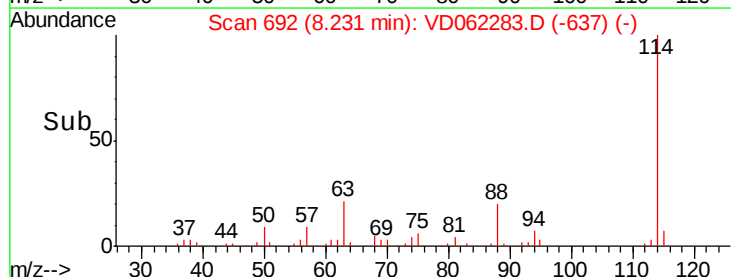
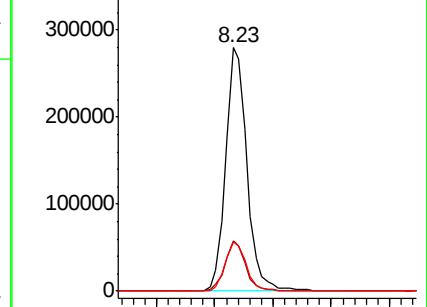
88 19.9 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

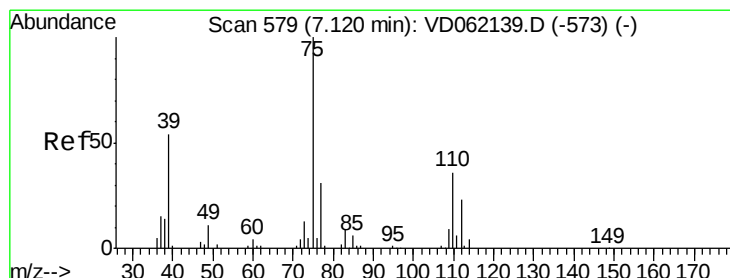
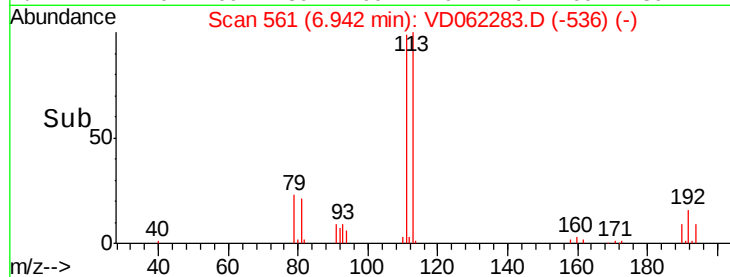
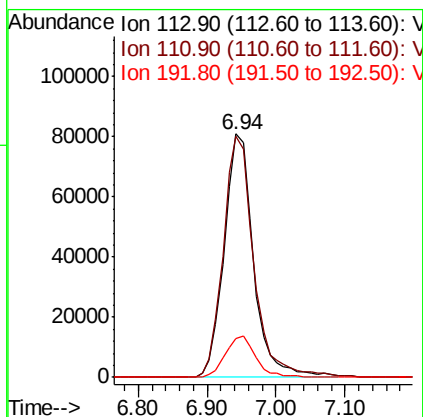
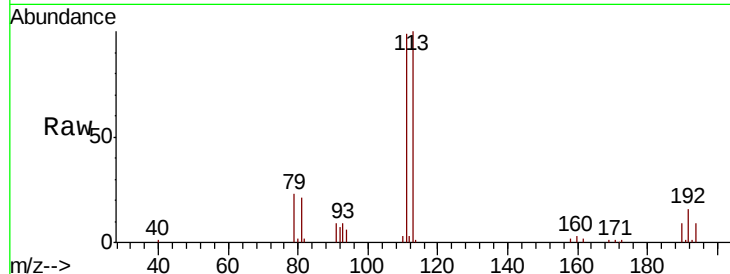




#35
 Dibromofluoromethane
 Concen: 40.837 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062283.D
 Acq: 13 May 2019 3:45

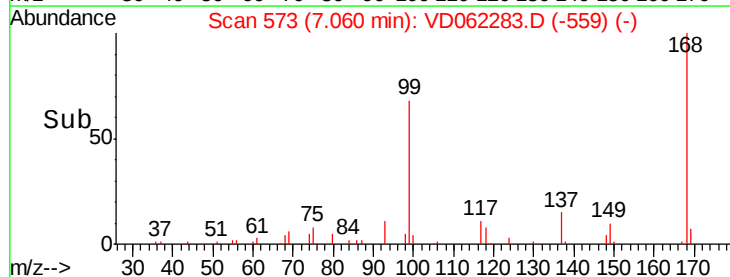
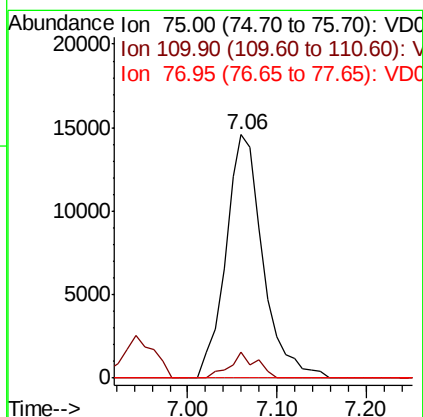
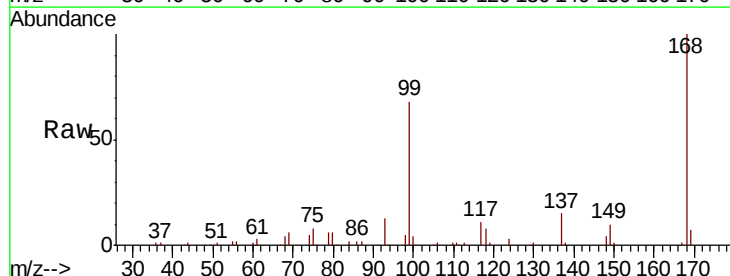
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS010-0206-01RE

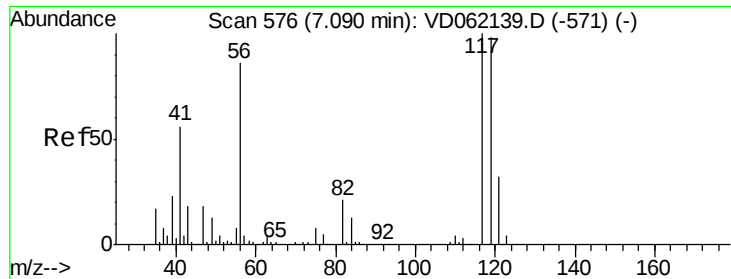
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.0	78.5	117.7
192	16.2	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 7.278 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062283.D
 Acq: 13 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	19.1	57.1#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 6.777 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Instrument :

MSVOA_D

ClientSampleId :

P026-SS010-0206-01RE

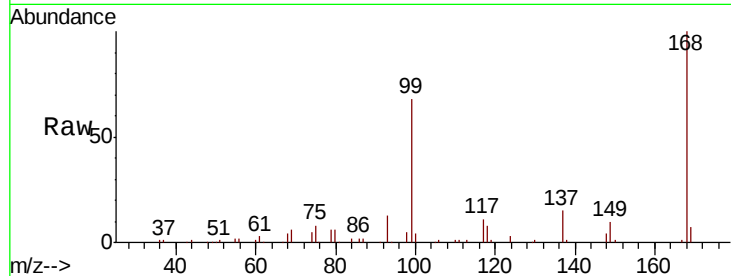
Tot Ion:117 Resp: 54444

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

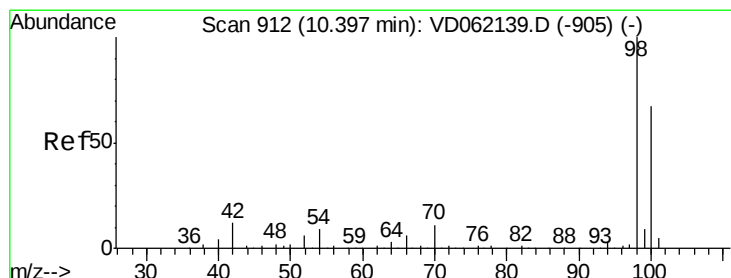
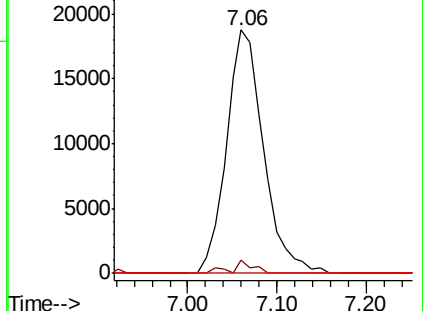
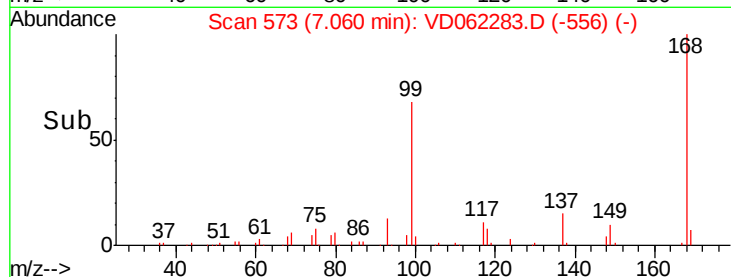
121 0.0 25.9 38.9#



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: 31.263 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062283.D

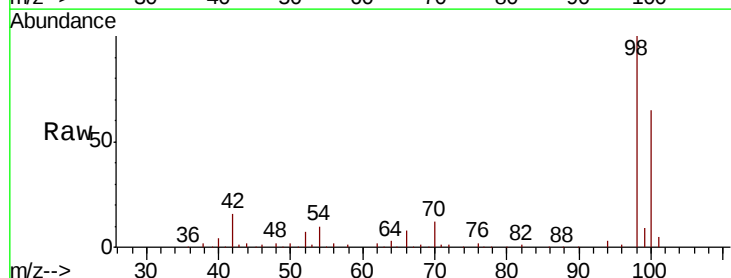
Acq: 13 May 2019 3:45

Tgt Ion: 98 Resp: 442730

Ion Ratio Lower Upper

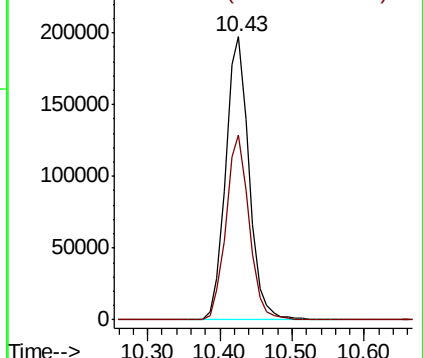
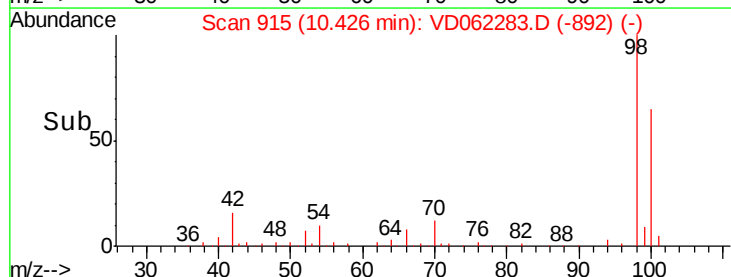
98 100

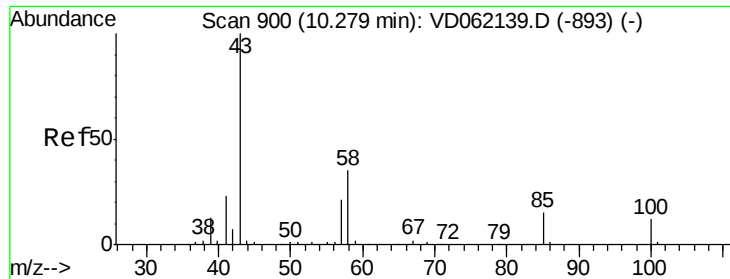
100 65.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.120 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.15 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Instrument :

MSVOA_D

ClientSampleId :

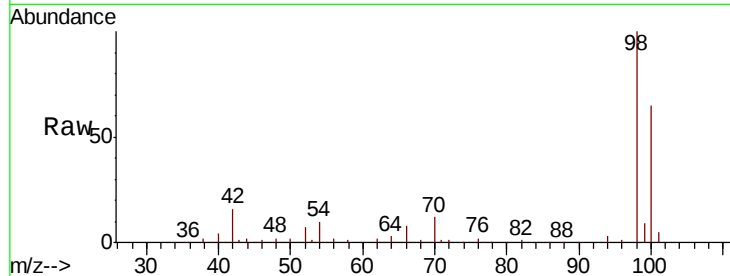
P026-SS010-0206-01RE

Tot Ion: 43 Resp: 2513

Ion Ratio Lower Upper

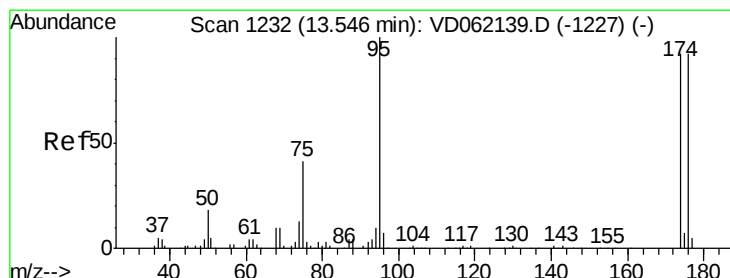
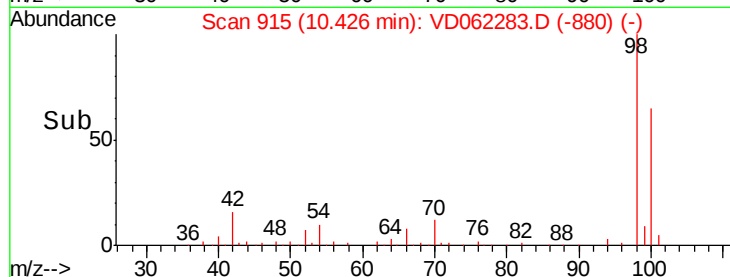
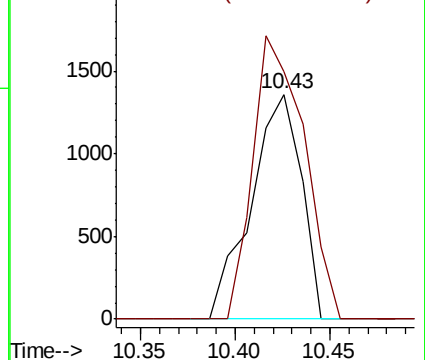
43 100

58 110.2 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: 23.633 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

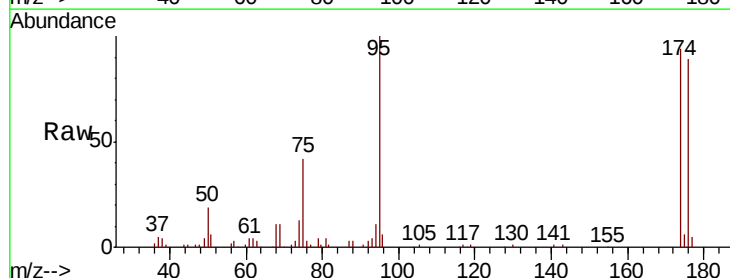
Tgt Ion: 95 Resp: 134395

Ion Ratio Lower Upper

95 100

174 93.7 0.0 181.8

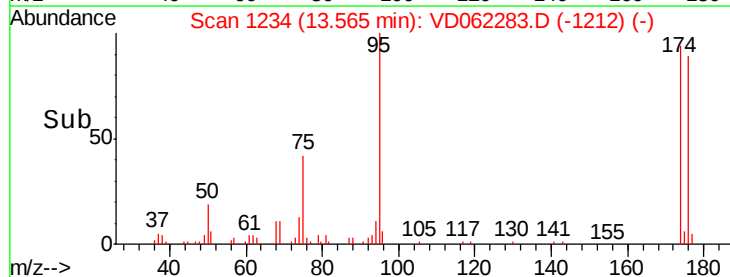
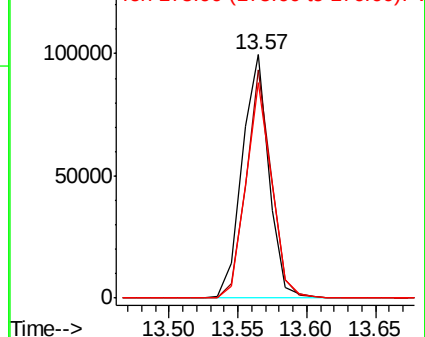
176 88.6 0.0 174.4

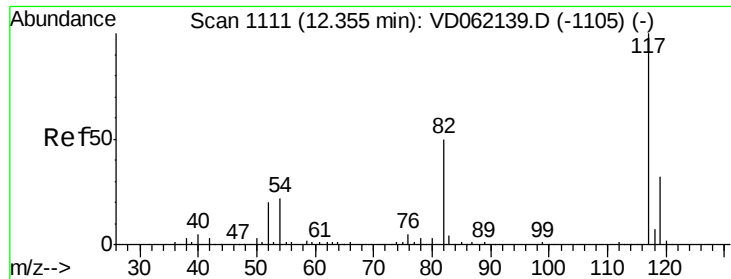


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

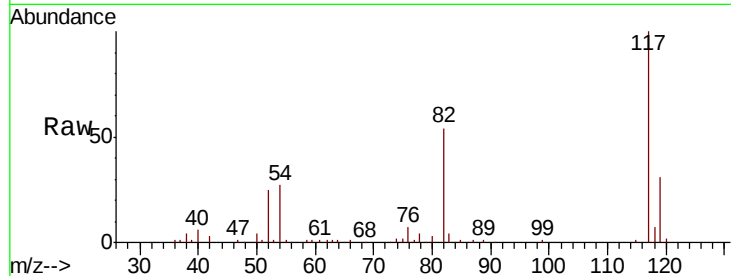




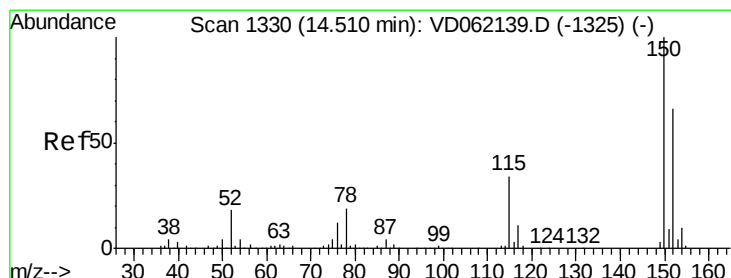
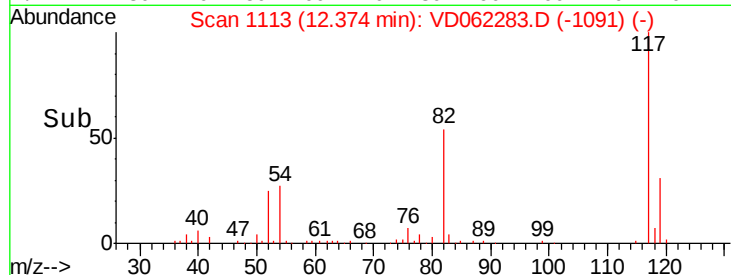
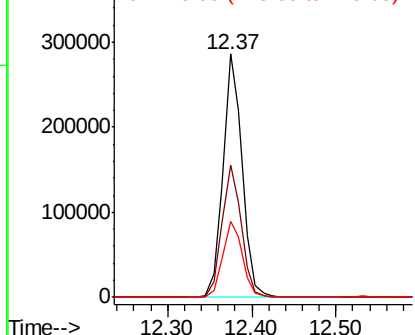
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062283.D
Acq: 13 May 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS010-0206-01RE

Tot Ion:117 Resp: 449322
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 31.1 26.2 39.4

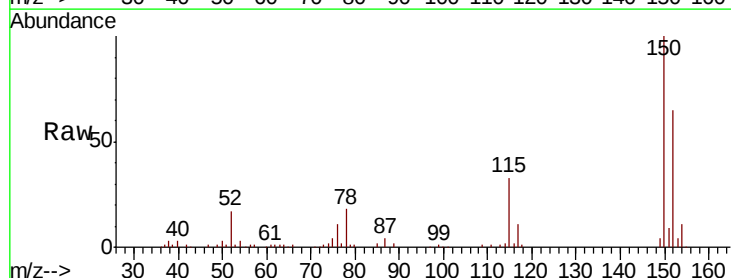


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

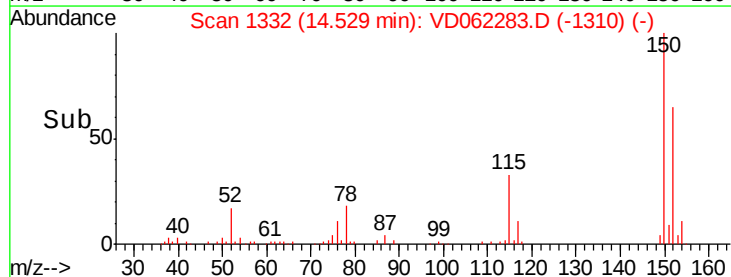
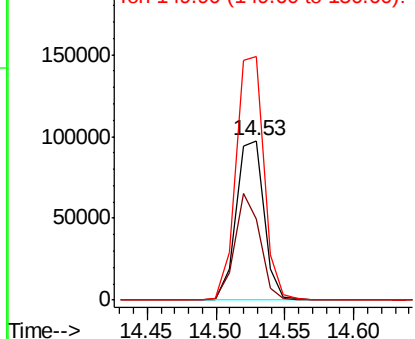


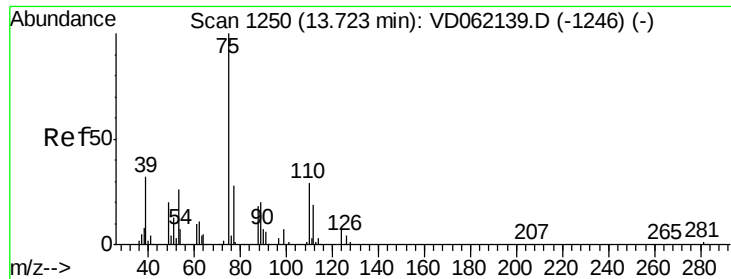
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062283.D
Acq: 13 May 2019 3:45

Tgt Ion:152 Resp: 137673
Ion Ratio Lower Upper
152 100
115 51.2 30.9 92.7
150 153.0 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: 32.961 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Instrument :

MSVOA_D

ClientSampleId :

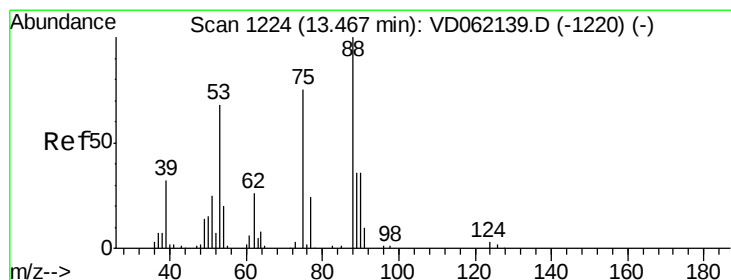
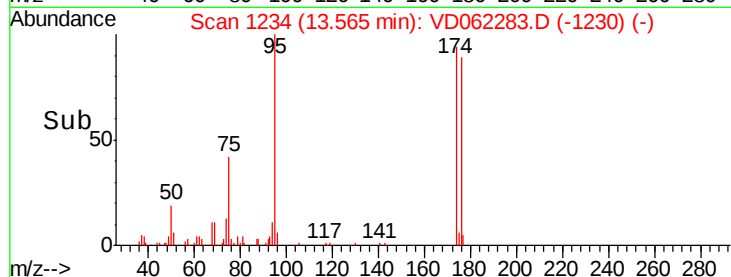
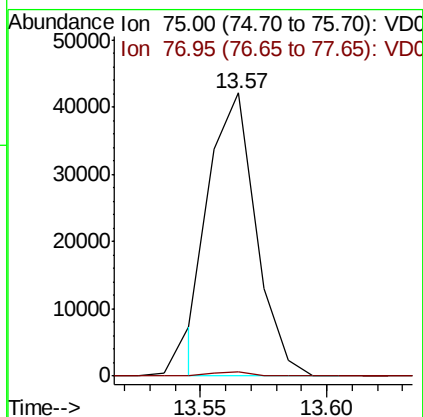
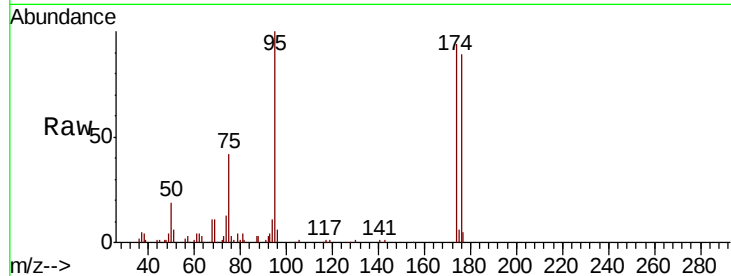
P026-SS010-0206-01RE

Tot Ion: 75 Resp: 53928

Ion Ratio Lower Upper

75 100

77 1.5 16.4 49.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.500 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062283.D

Acq: 13 May 2019 3:45

Tgt Ion: 75 Resp: 58429

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

