

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062280.D
 Acq On : 13 May 2019 2:22
 Operator : FY/SY
 Sample : K2719-09RE
 Misc : 5.71g/5mL/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-0206-01RE

Quant Time: May 13 03:17:49 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	7.06	168	526484	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	686119	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	404224	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	118703	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	213576	43.65	ug/l	0.04
Spiked Amount			Recovery	=	87.30%	
35) Dibromofluoromethane	6.94	113	261254	45.89	ug/l	0.05
Spiked Amount			Recovery	=	91.78%	
50) Toluene-d8	10.43	98	476964	34.75	ug/l	0.03
Spiked Amount			Recovery	=	69.50%	
62) 4-Bromofluorobenzene	13.56	95	127318	23.10	ug/l	0.01
Spiked Amount			Recovery	=	46.20%	

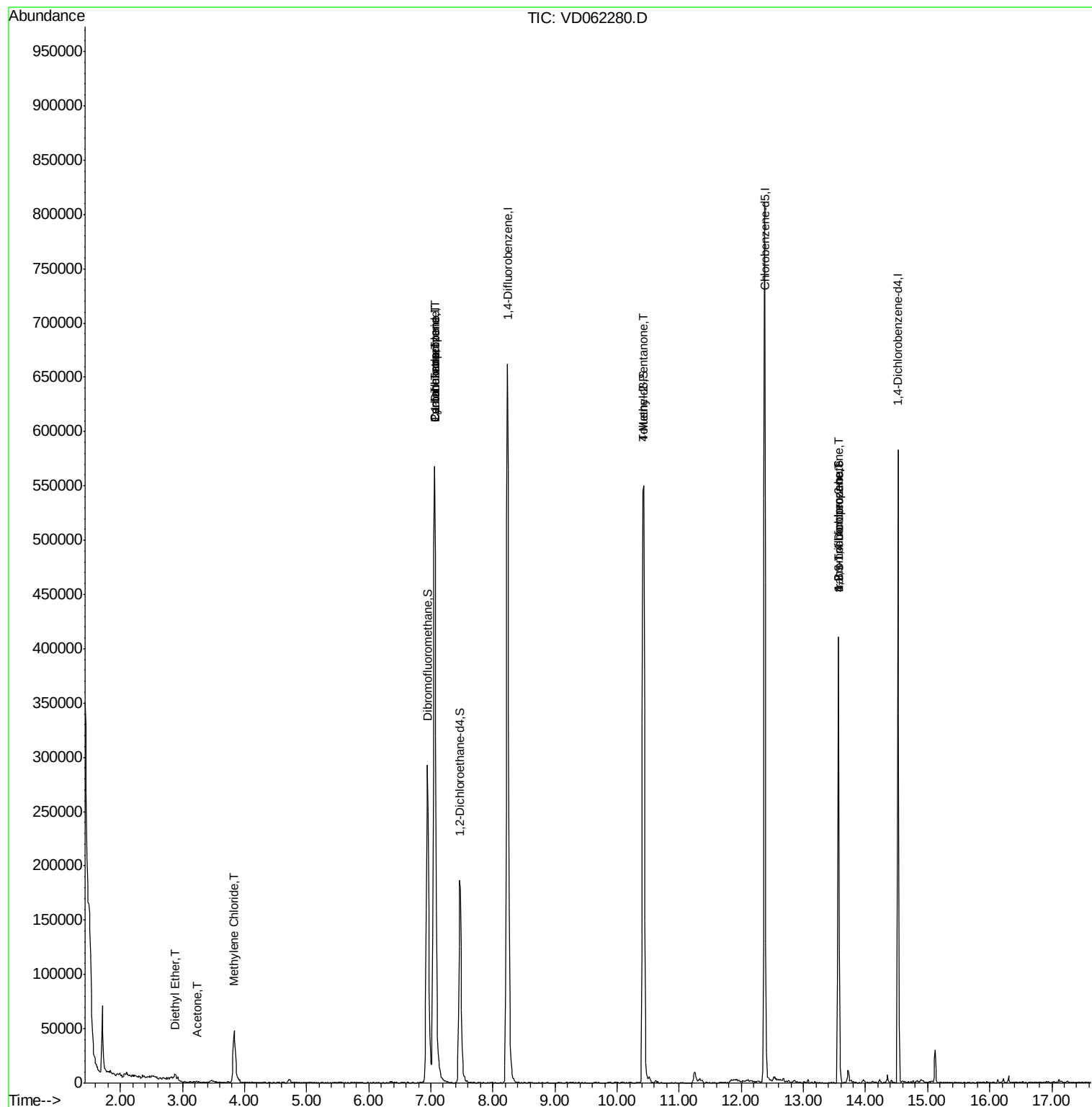
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.88	74	1385	1.033	ug/l	64
16) Acetone	3.23	43	2062	2.010	ug/l #	50
18) Methyl Acetate	3.68	43	195	Below Cal	#	53
20) Methylene Chloride	3.83	84	33579	7.838	ug/l #	89
31) Cyclohexane	7.06	56	11740	2.287	ug/l #	7
36) 1,1-Dichloropropene	7.06	75	40492	7.198	ug/l #	49
38) Carbon Tetrachloride	7.06	117	55214	7.091	ug/l #	16
51) 4-Methyl-2-Pentanone	10.42	43	3057	1.406	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	50245	35.617	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	57847	145.255	ug/l #	16

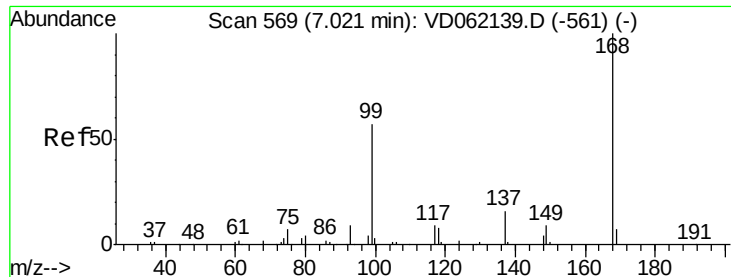
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
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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: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

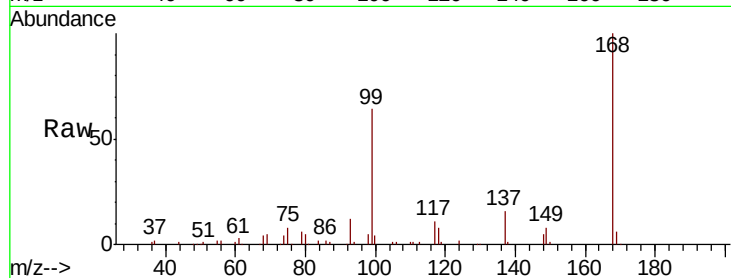
P026-SS009-0206-01RE

Tot Ion:168 Resp: 526484

Ion Ratio Lower Upper

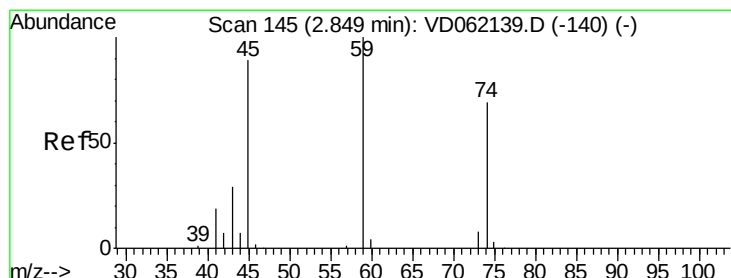
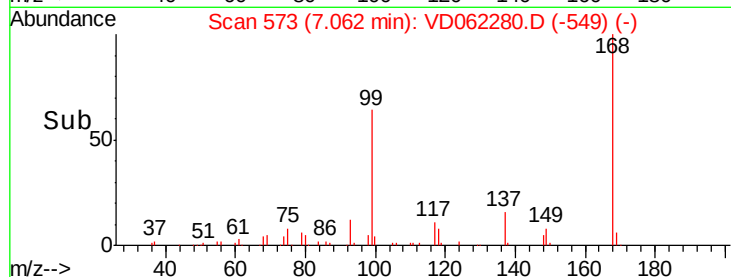
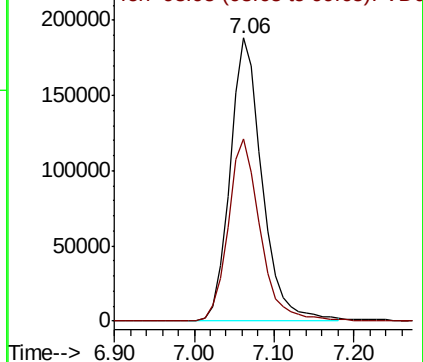
168 100

99 64.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.033 ug/l

RT: 2.88 min Scan# 148

Delta R.T. 0.03 min

Lab File: VD062280.D

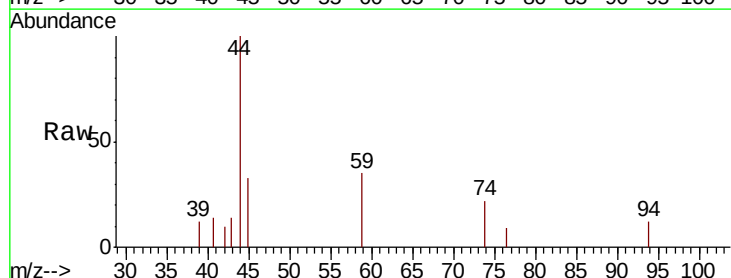
Acq: 13 May 2019 2:22

Tgt Ion: 74 Resp: 1385

Ion Ratio Lower Upper

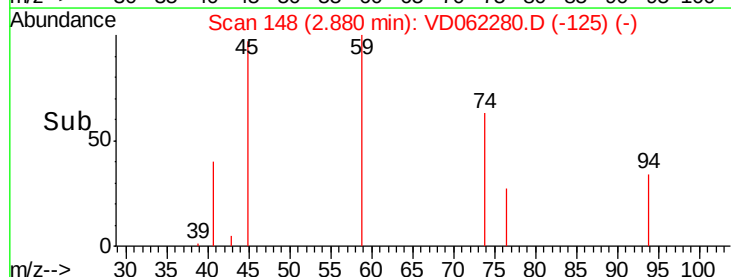
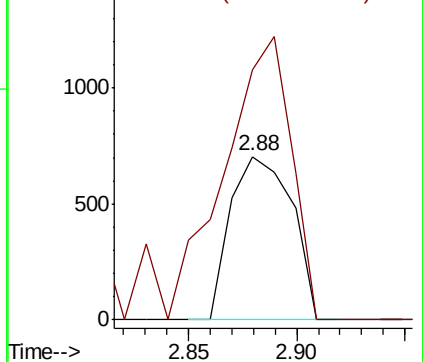
74 100

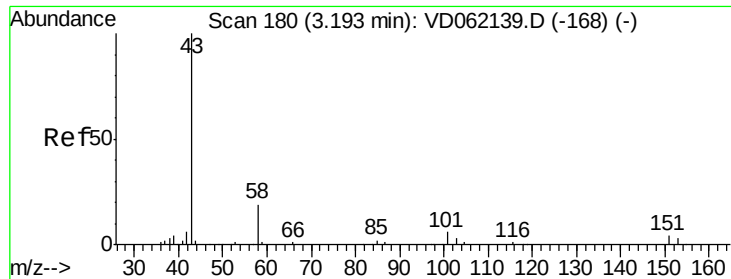
45 152.8 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 2.010 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

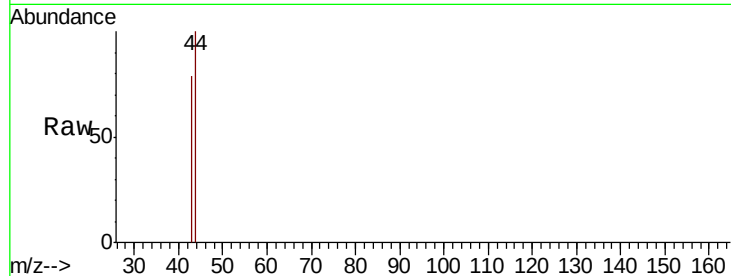
P026-SS009-0206-01RE

Tot Ion: 43 Resp: 2062

Ion Ratio Lower Upper

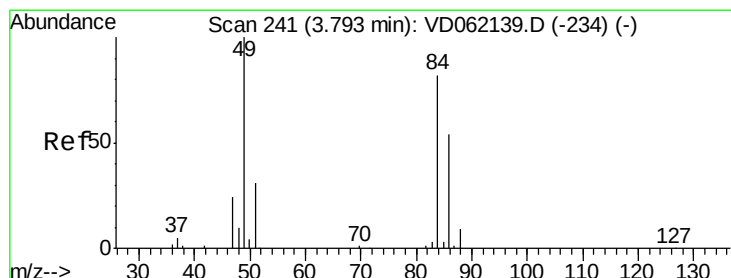
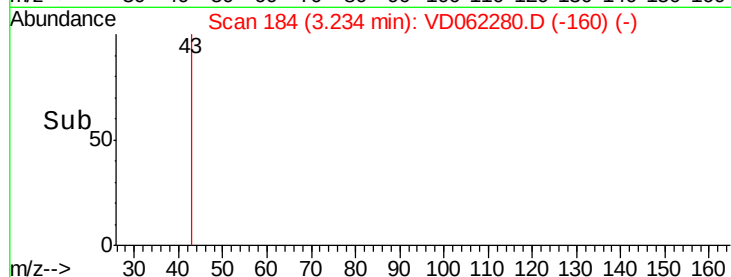
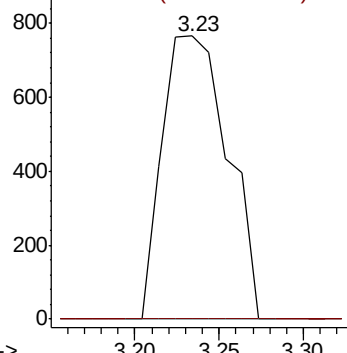
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 7.838 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Tgt Ion: 84 Resp: 33579

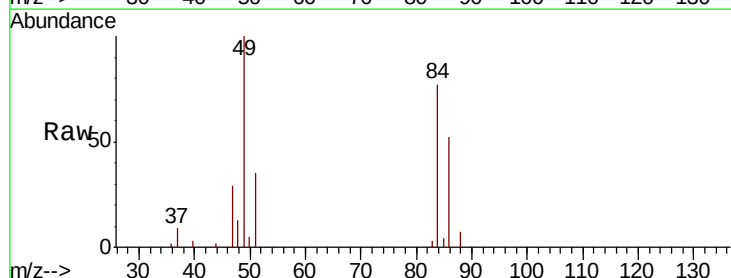
Ion Ratio Lower Upper

84 100

49 129.4 94.0 141.0

51 45.6 29.0 43.4#

86 67.5 49.8 74.6

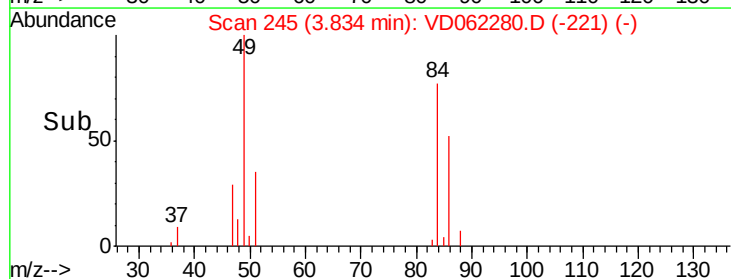
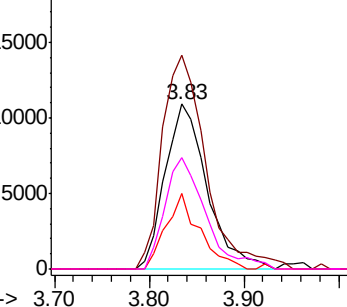


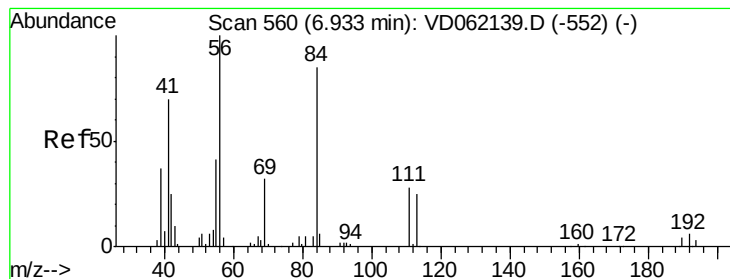
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: 2.287 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0206-01RE

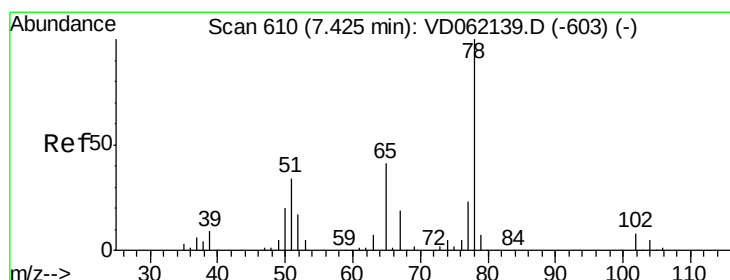
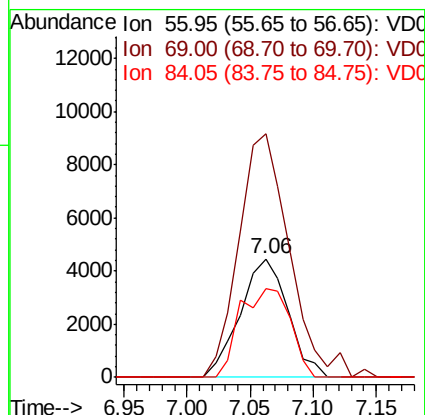
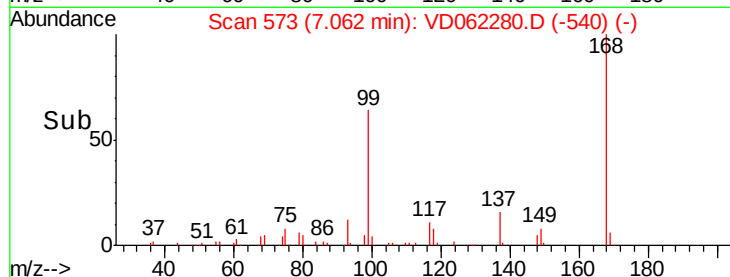
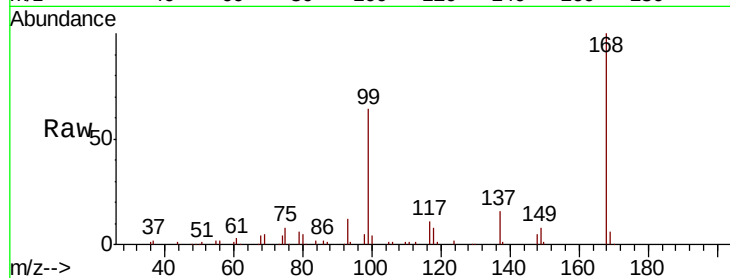
Tot Ion: 56 Resp: 11740

Ion Ratio Lower Upper

56 100

69 205.4 25.8 38.6#

84 74.9 72.2 108.4



#33

1,2-Dichloroethane-d4

Concen: 43.652 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062280.D

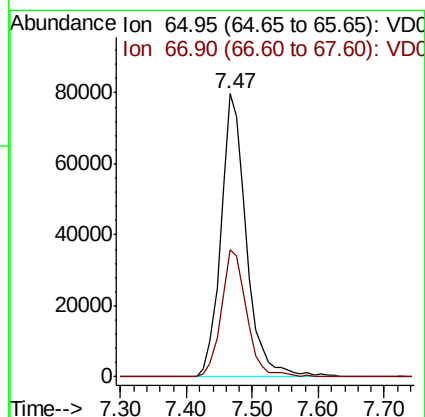
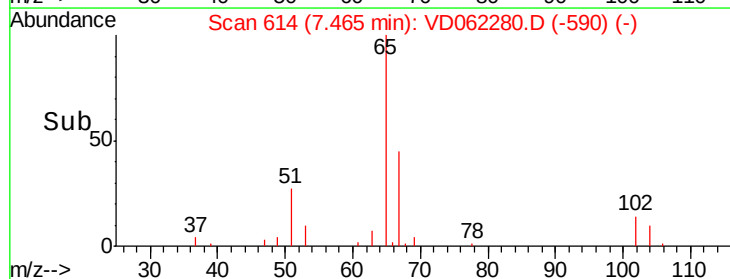
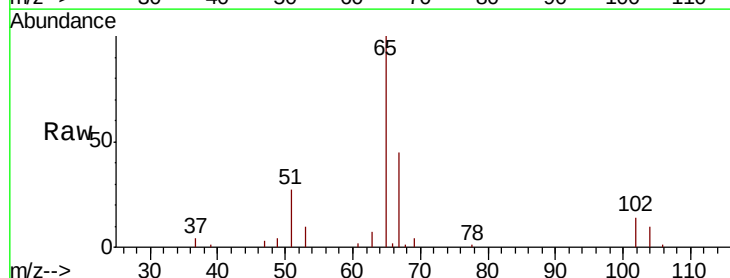
Acq: 13 May 2019 2:22

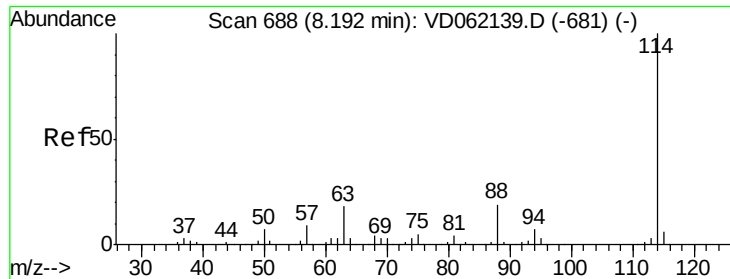
Tgt Ion: 65 Resp: 213576

Ion Ratio Lower Upper

65 100

67 44.8 0.0 98.0

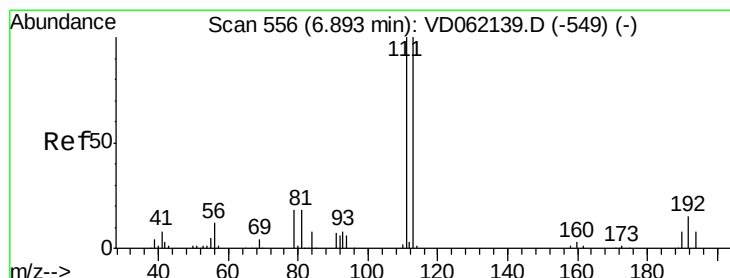
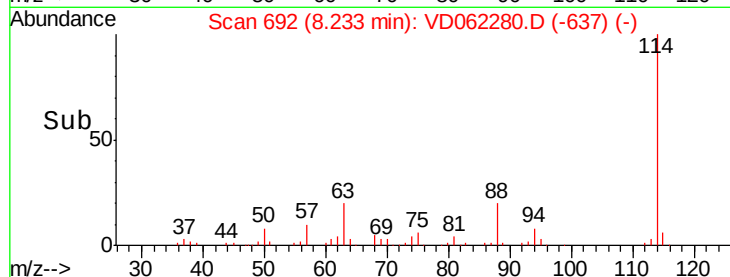
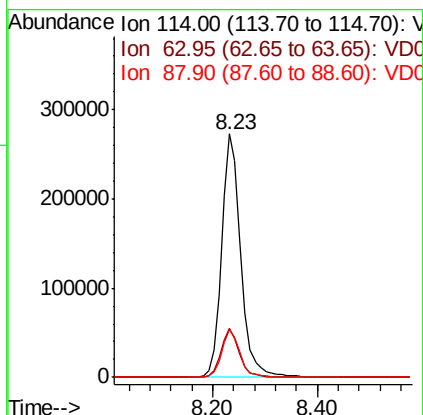
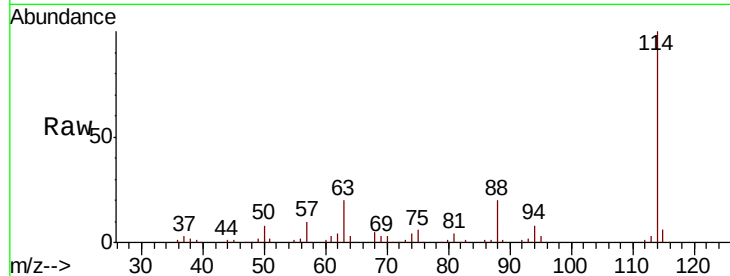




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062280.D
 Acq: 13 May 2019 2:22

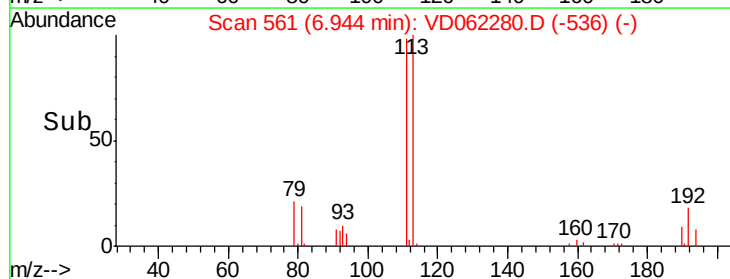
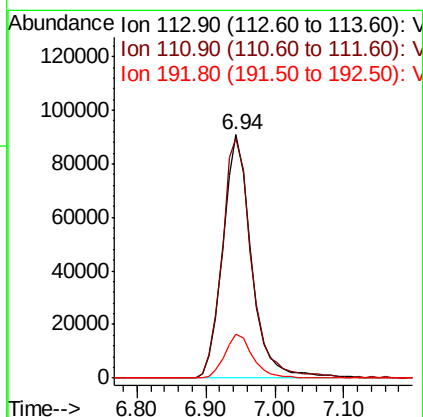
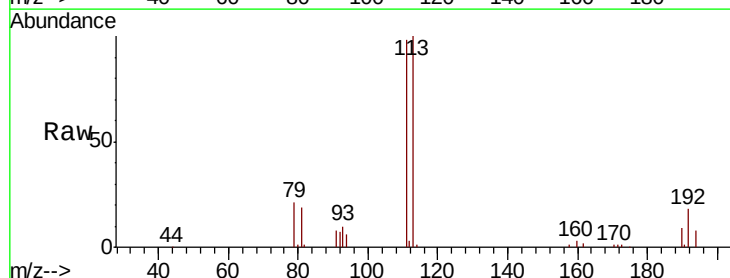
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-0206-01RE

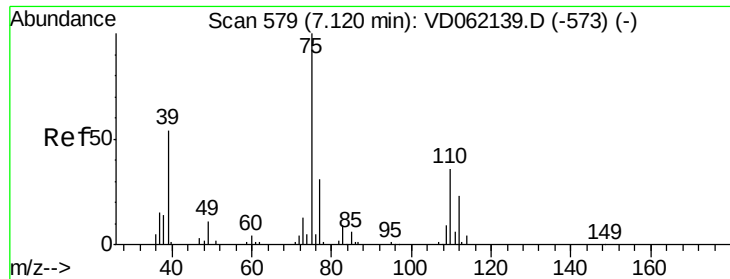
Tot Ion:	114	Resp:	686119
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	32.4
88	19.6	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 45.892 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062280.D
 Acq: 13 May 2019 2:22

Tgt Ion:	113	Resp:	261254
Ion	Ratio	Lower	Upper
113	100		
111	98.4	78.5	117.7
192	18.3	13.0	19.4

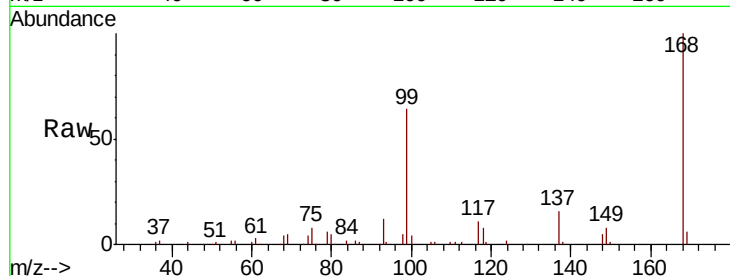




#36
 1,1-Dichloropropene
 Concen: 7.198 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062280.D
 Acq: 13 May 2019 2:22

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-0206-01RE

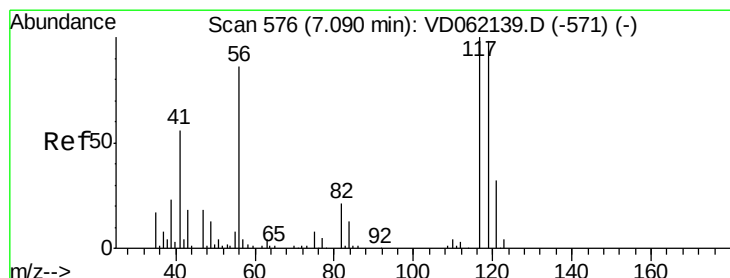
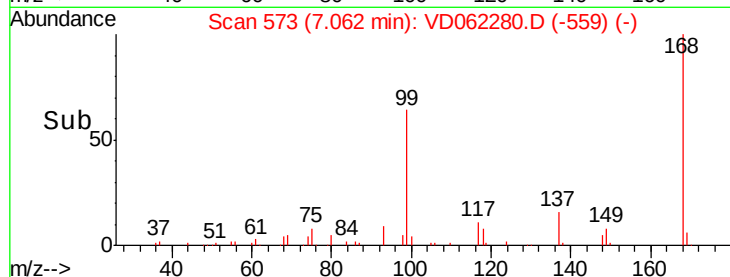
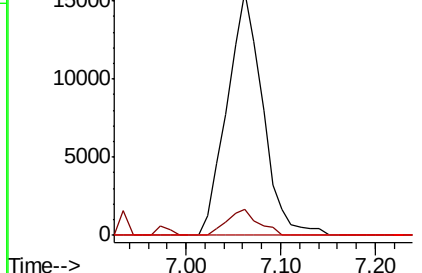
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	19.1	57.1#
77	0.0	25.6	38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

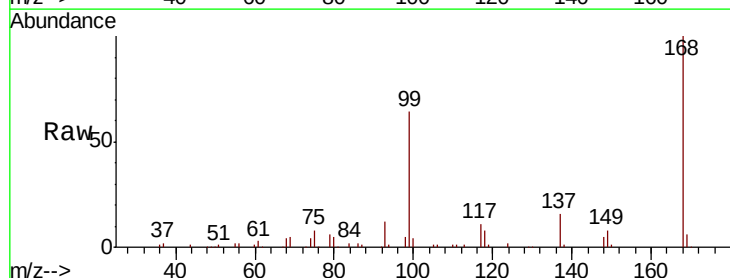
Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38
 Carbon Tetrachloride
 Concen: 7.091 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: VD062280.D
 Acq: 13 May 2019 2:22

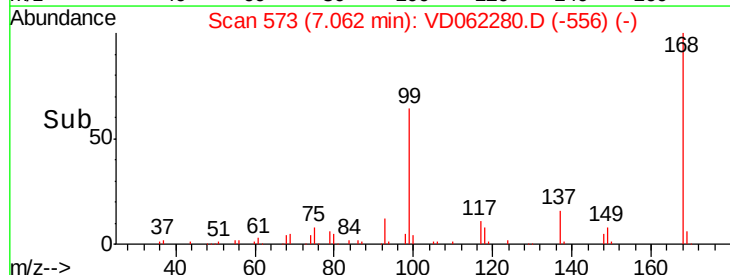
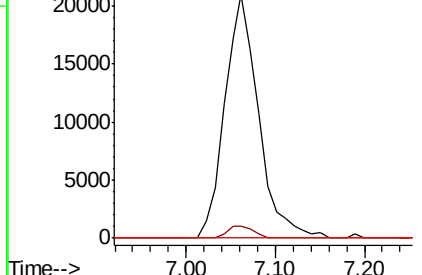
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.8#
121	0.0	25.9	38.9#

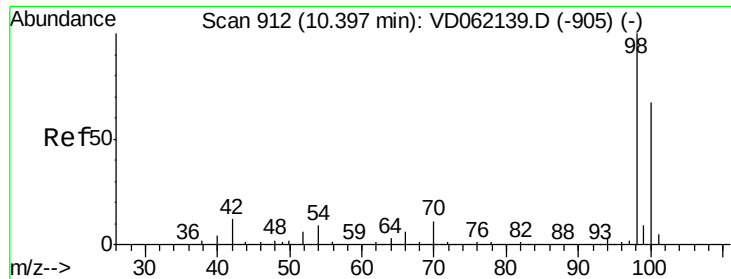


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: 34.750 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

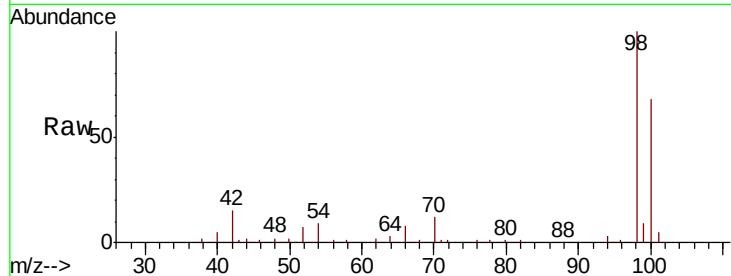
P026-SS009-0206-01RE

Tot Ion: 98 Resp: 476964

Ion Ratio Lower Upper

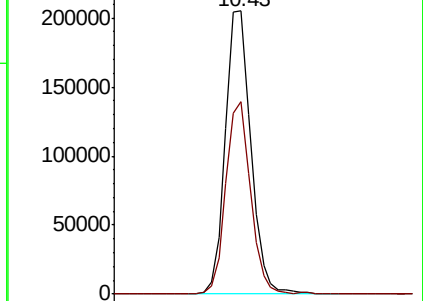
98 100

100 68.2 53.8 80.8

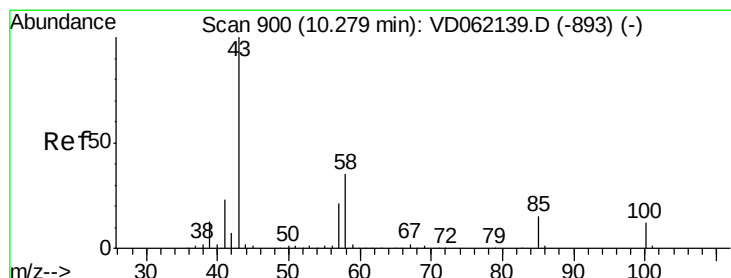
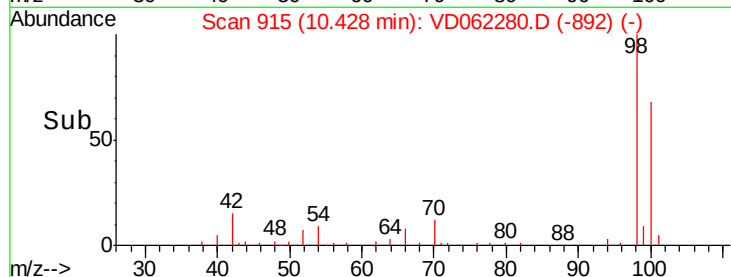


Abundance Ion 98.05 (97.75 to 98.75): VD062280.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD062280.D (-892) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.406 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.14 min

Lab File: VD062280.D

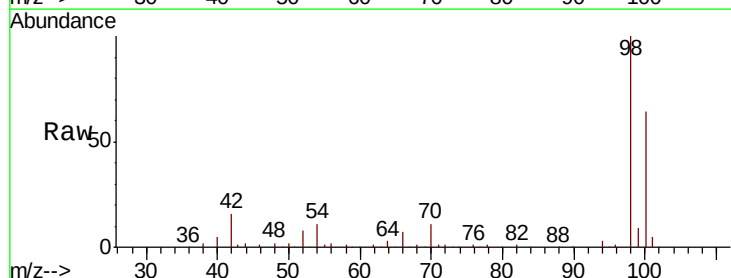
Acq: 13 May 2019 2:22

Tgt Ion: 43 Resp: 3057

Ion Ratio Lower Upper

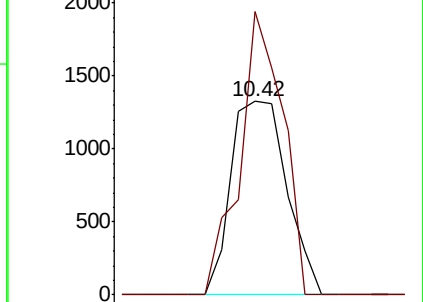
43 100

58 146.5 30.4 45.6#

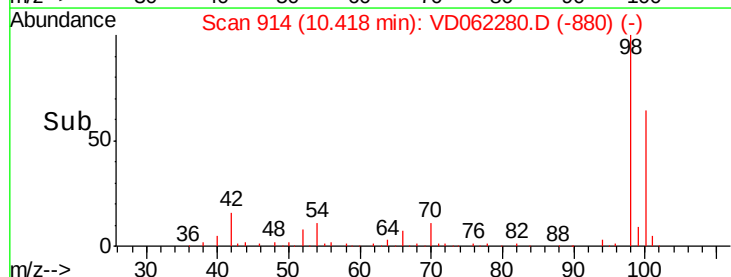


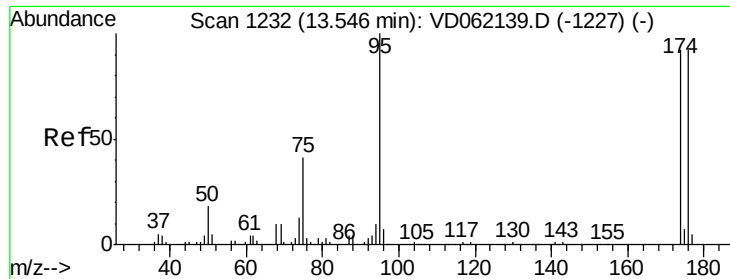
Abundance Ion 42.95 (42.65 to 43.65): VD062280.D (-880) (-)

Ion 57.95 (57.65 to 58.65): VD062280.D (-880) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 23.099 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0206-01RE

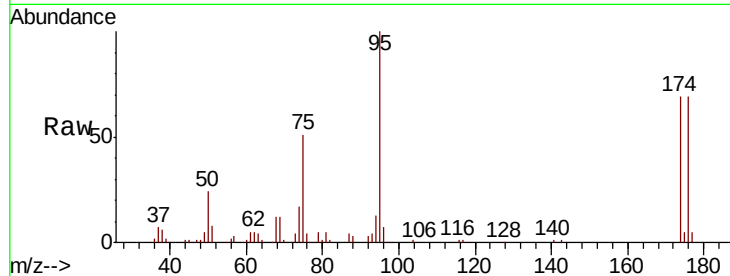
Tot Ion: 95 Resp: 127318

Ion Ratio Lower Upper

95 100

174 68.8 0.0 181.8

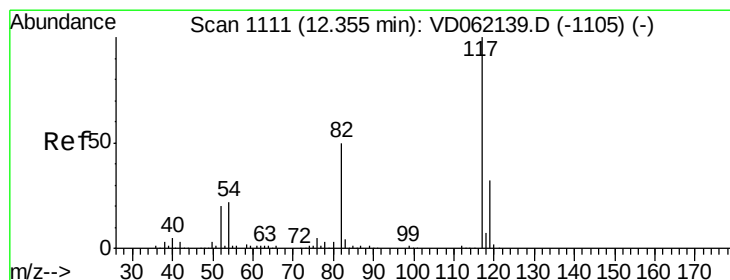
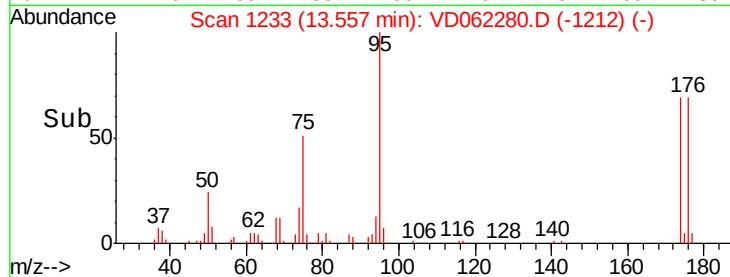
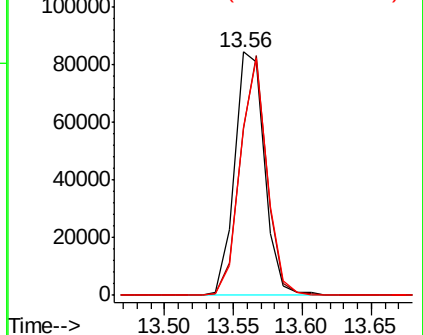
176 68.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

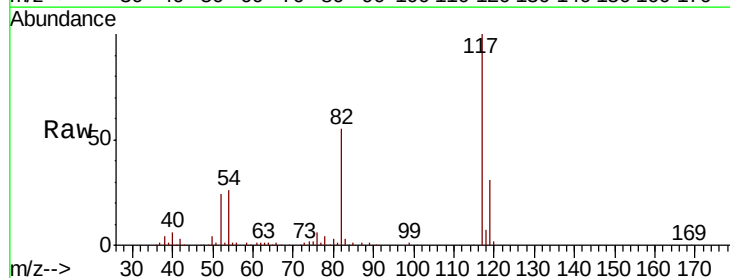
Tgt Ion: 117 Resp: 404224

Ion Ratio Lower Upper

117 100

82 55.4 36.2 54.2#

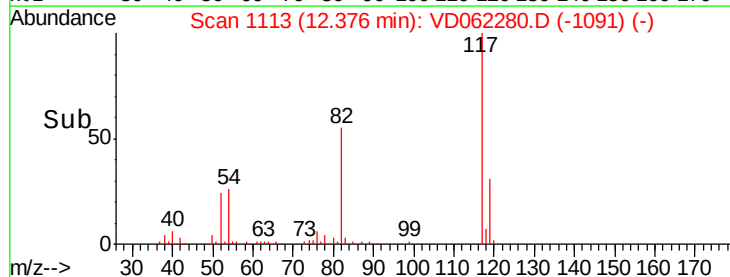
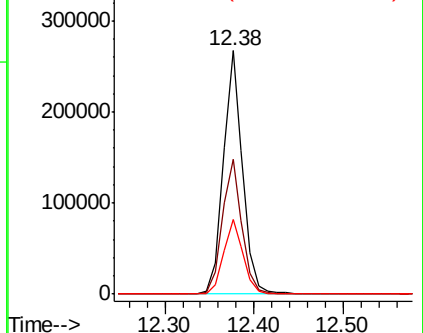
119 30.9 26.2 39.4

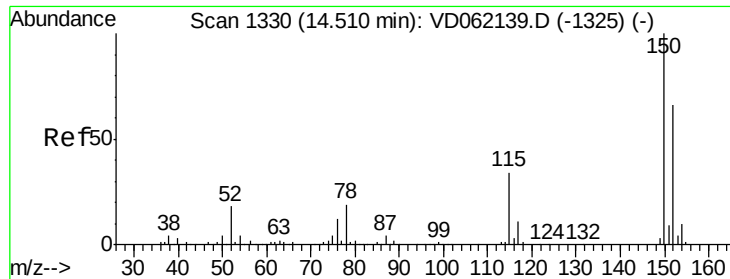


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0206-01RE

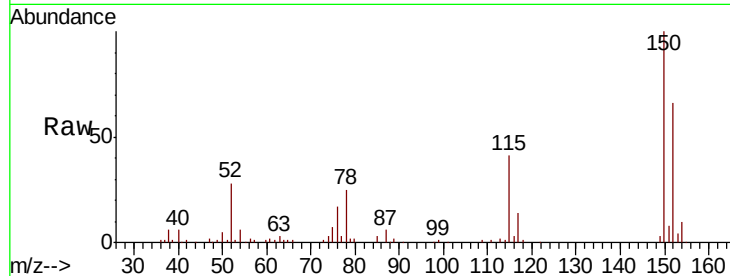
Tot Ion:152 Resp: 118703

Ion Ratio Lower Upper

152 100

115 62.4 30.9 92.7

150 151.7 0.0 314.8

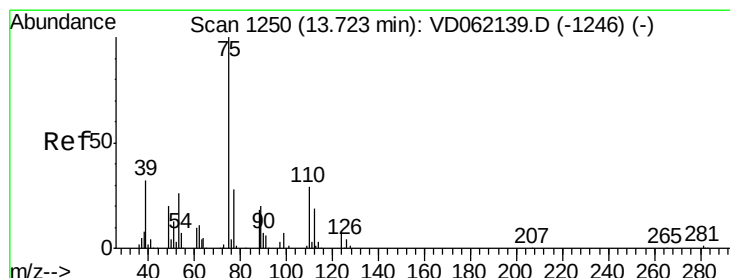
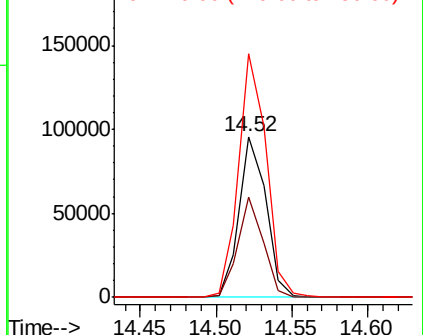
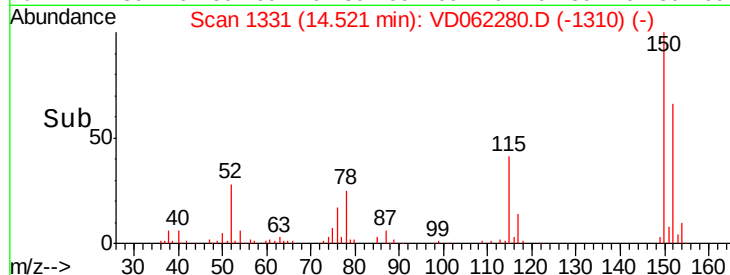


Abundance

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: 35.617 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062280.D

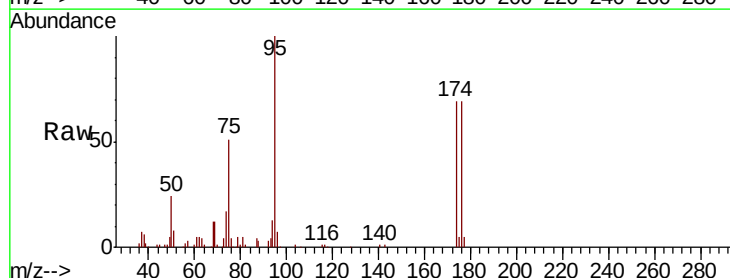
Acq: 13 May 2019 2:22

Tgt Ion: 75 Resp: 50245

Ion Ratio Lower Upper

75 100

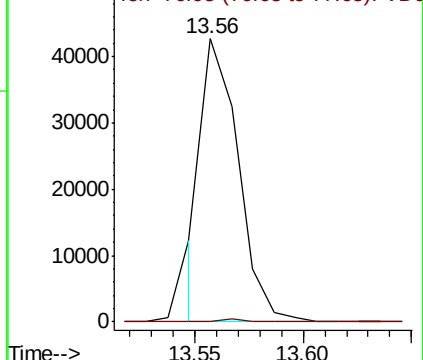
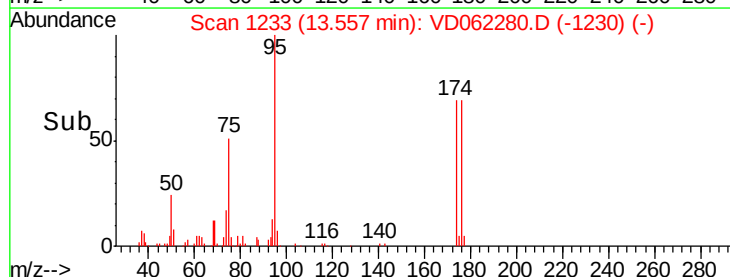
77 0.0 16.4 49.4#

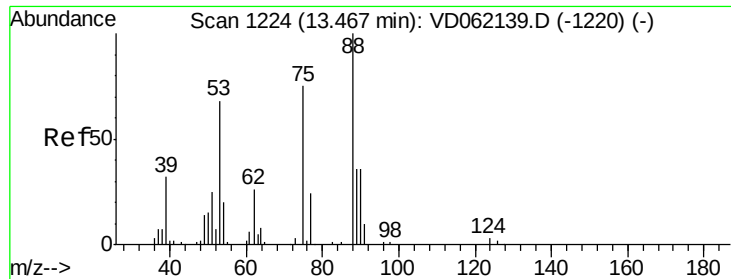


Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 145.255 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0206-01RE

Tot Ion: 75 Resp: 57847

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

