

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062260.D
 Acq On : 12 May 2019 15:47
 Operator : FY/SY
 Sample : K2733-05
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0206-01

Quant Time: May 13 01:33:51 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

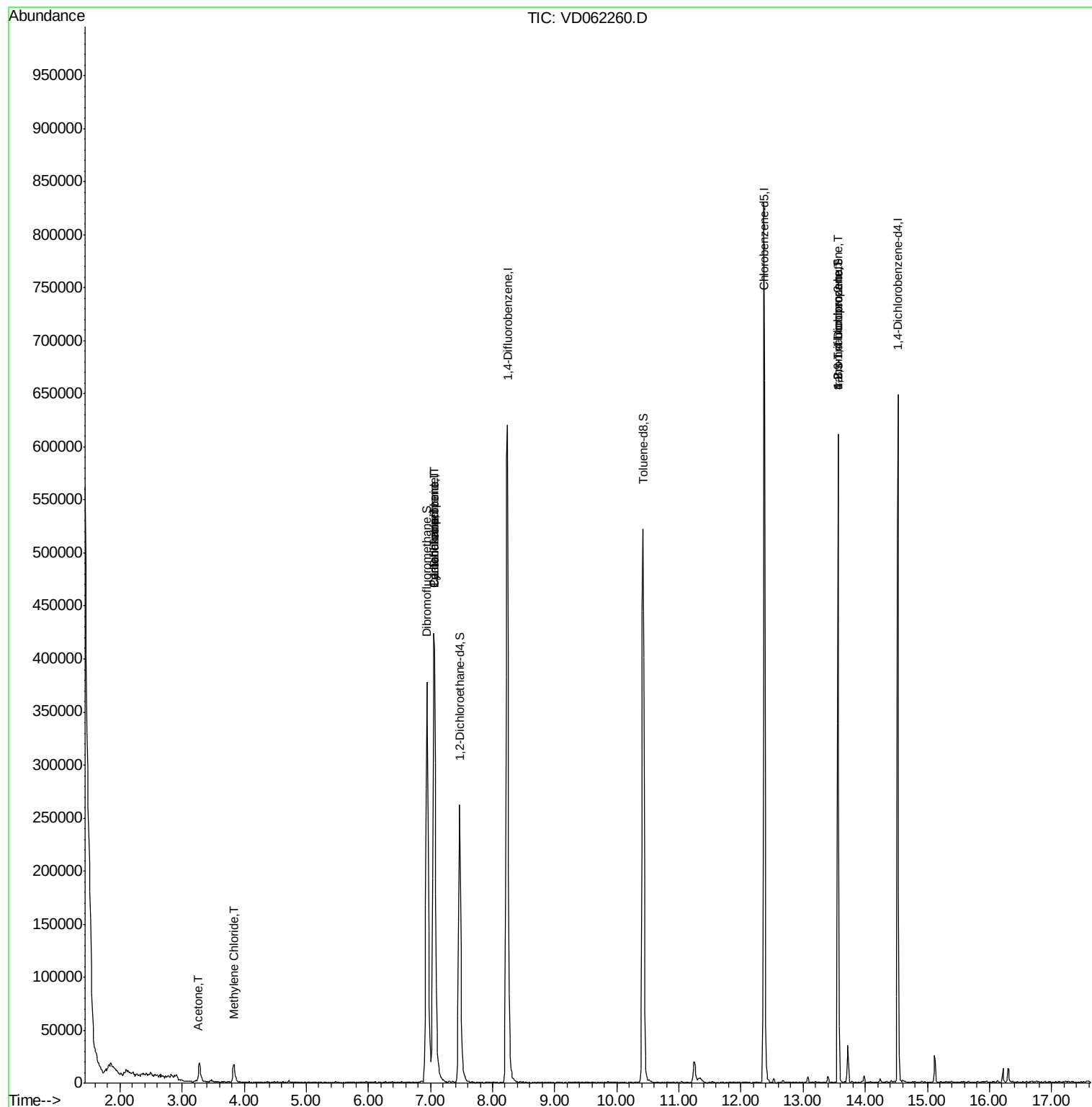
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	434325	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	682362	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	447817	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	148734	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	285310	70.69	ug/l	0.05
Spiked Amount 50.000			Recovery	=	141.38%	
35) Dibromofluoromethane	6.94	113	339631	59.99	ug/l	0.05
Spiked Amount 50.000			Recovery	=	119.98%	
50) Toluene-d8	10.42	98	443102	32.46	ug/l	0.03
Spiked Amount 50.000			Recovery	=	64.92%	
62) 4-Bromofluorobenzene	13.56	95	167701	30.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.18%	
Target Compounds						
					Qvalue	
16) Acetone	3.25	43	1303	1.539	ug/l #	50
18) Methyl Acetate	3.63	43	189	Below Cal	#	53
20) Methylene Chloride	3.84	84	12502	3.537	ug/l #	90
31) Cyclohexane	7.07	56	8733	2.062	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	32481	5.806	ug/l #	49
38) Carbon Tetrachloride	7.07	117	43073	5.562	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	67433	38.150	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	70465	141.213	ug/l #	16

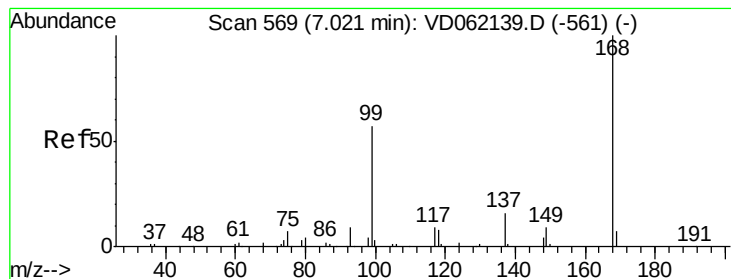
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062260.D
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Quant Time: May 13 01:33:51 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# 573

Delta R.T. 0.05 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

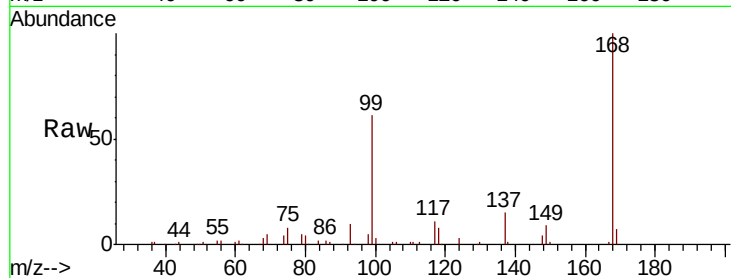
P021-SS001-0206-01

Tot Ion:168 Resp: 434325

Ion Ratio Lower Upper

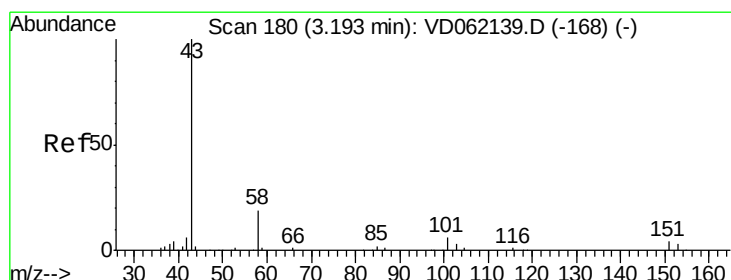
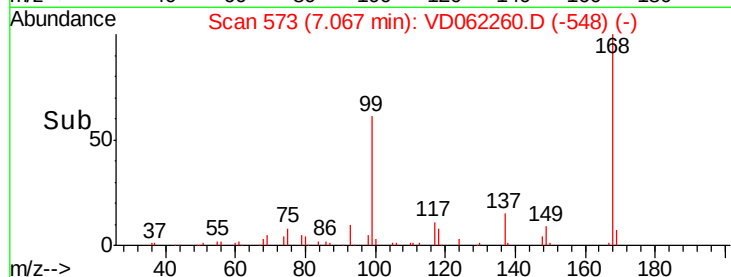
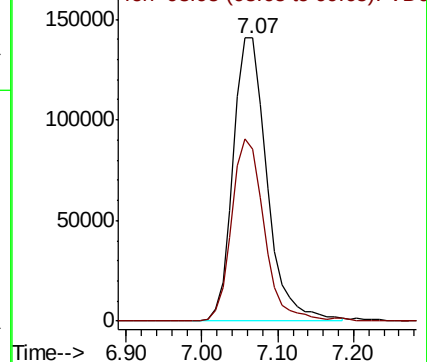
168 100

99 60.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1.539 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.06 min

Lab File: VD062260.D

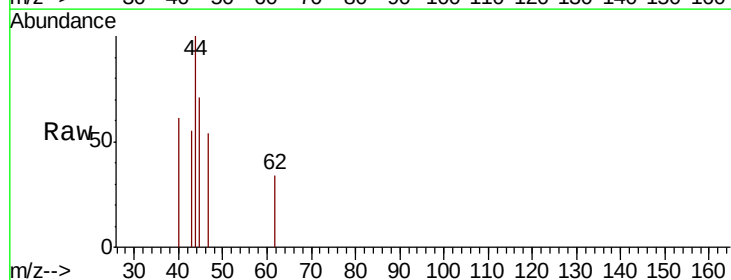
Acq: 12 May 2019 15:47

Tgt Ion: 43 Resp: 1303

Ion Ratio Lower Upper

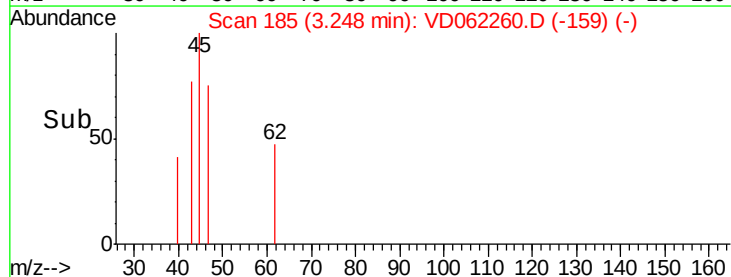
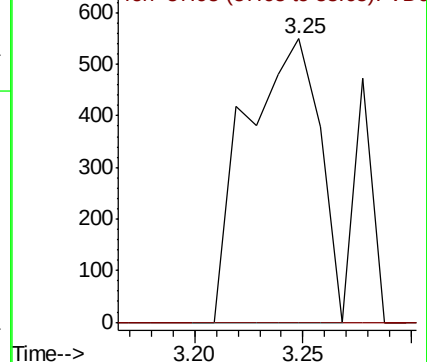
43 100

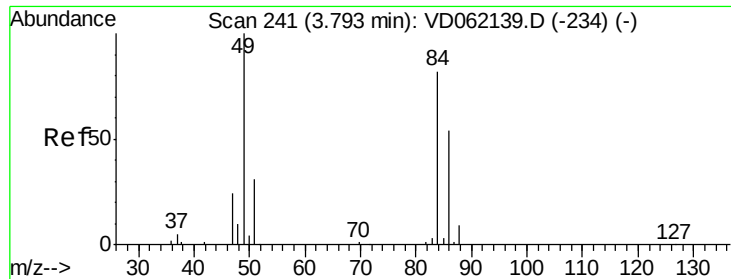
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

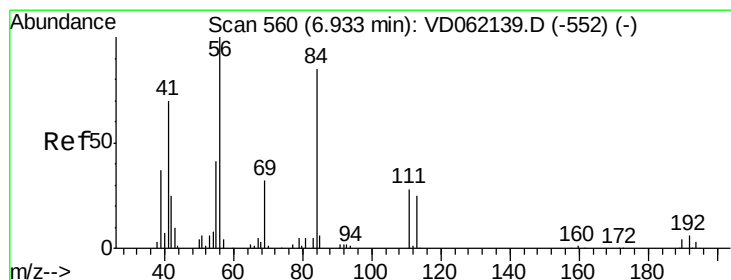
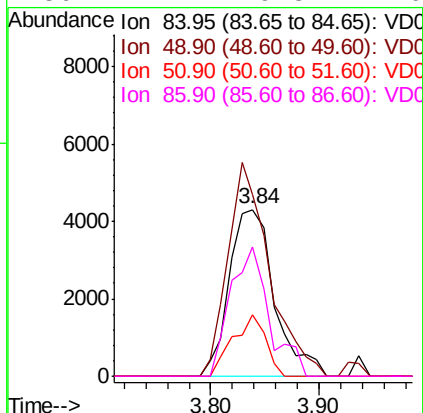
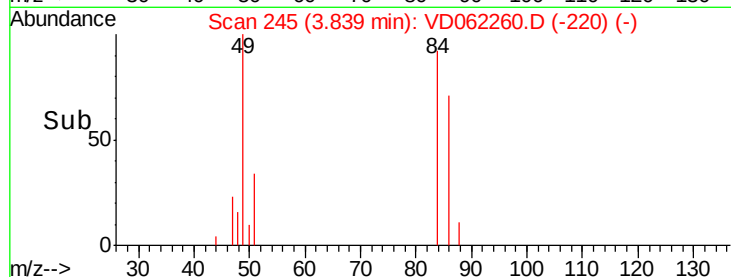
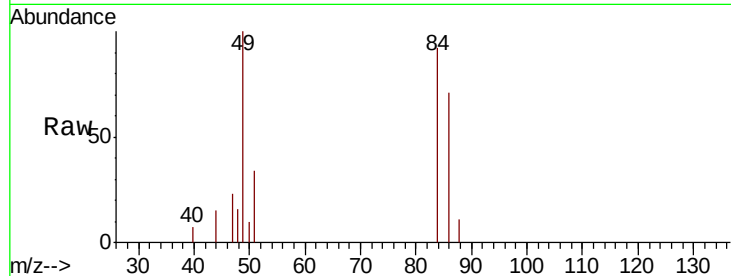




#20
Methylene Chloride
Concen: 3.537 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.05 min
Lab File: VD062260.D
Acq: 12 May 2019 15:47

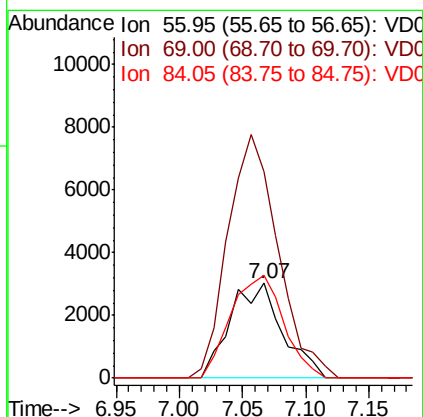
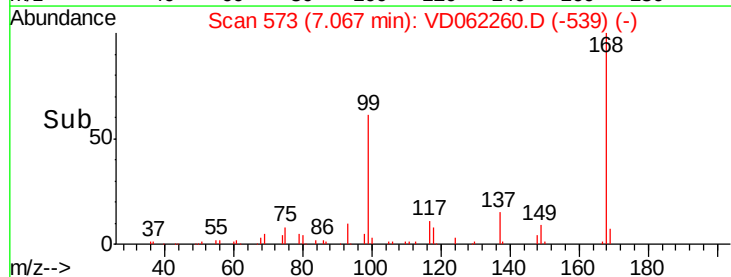
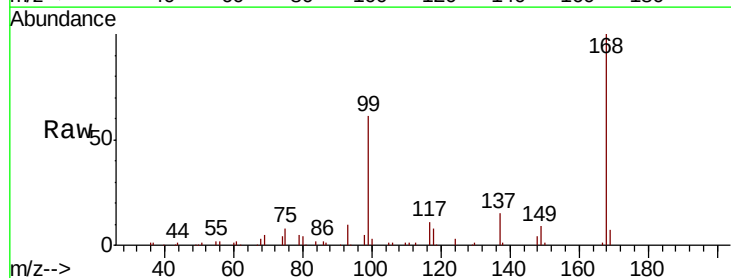
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0206-01

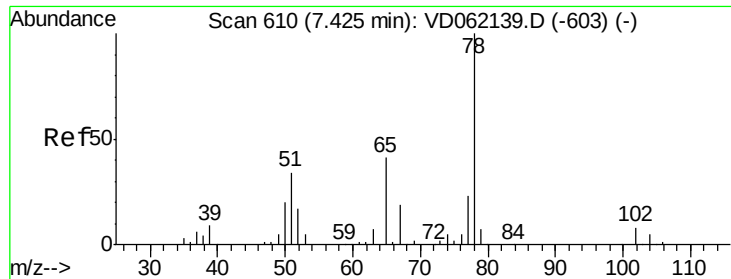
Tot Ion: 84 Resp: 12502
Ion Ratio Lower Upper
84 100
49 109.0 94.0 141.0
51 37.1 29.0 43.4
86 77.4 49.8 74.6#



#31
Cyclohexane
Concen: 2.062 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062260.D
Acq: 12 May 2019 15:47

Tgt Ion: 56 Resp: 8733
Ion Ratio Lower Upper
56 100
69 218.4 25.8 38.6#
84 108.3 72.2 108.4

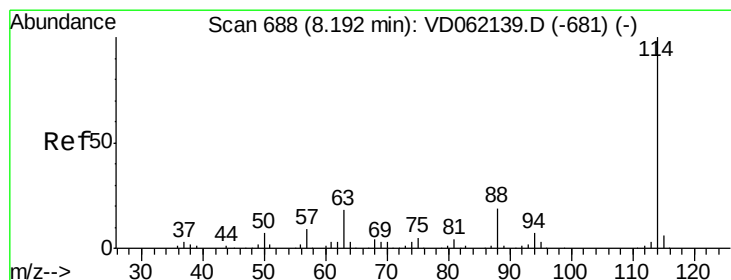
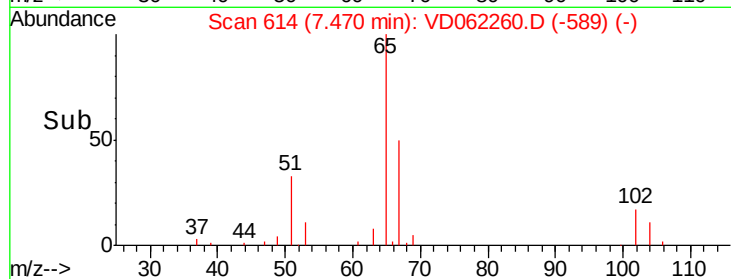
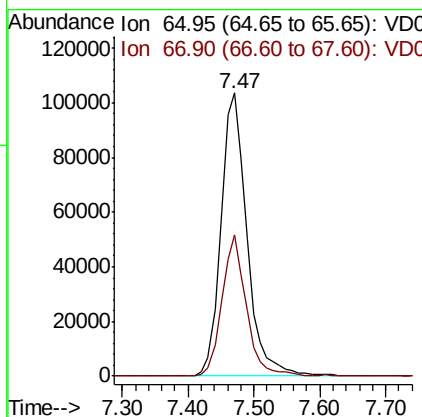
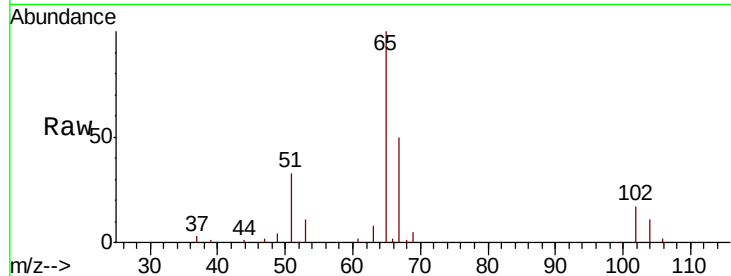




#33
 1,2-Dichloroethane-d4
 Concen: 70.687 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.05 min
 Lab File: VD062260.D
 Acq: 12 May 2019 15:47

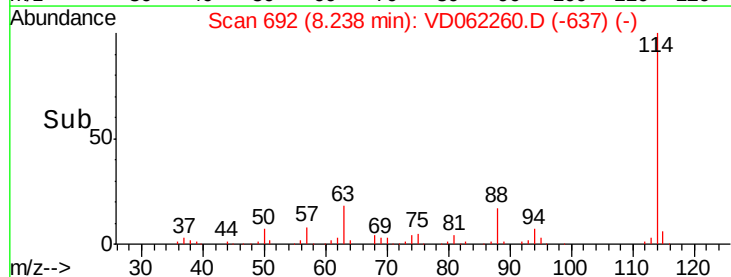
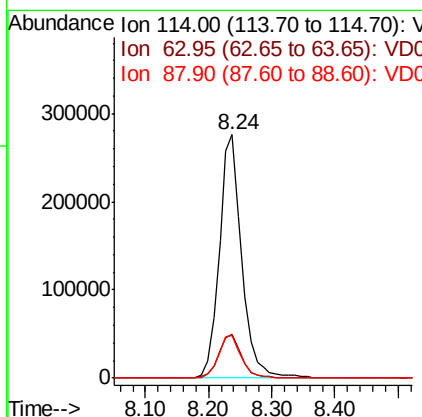
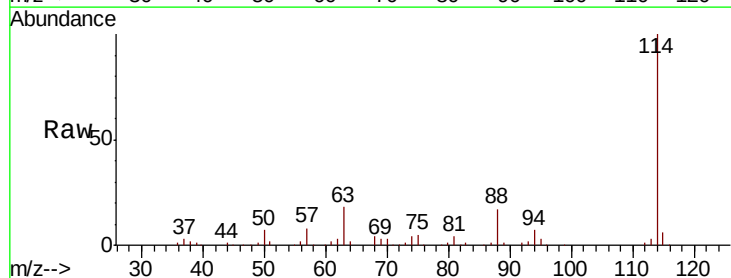
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0206-01

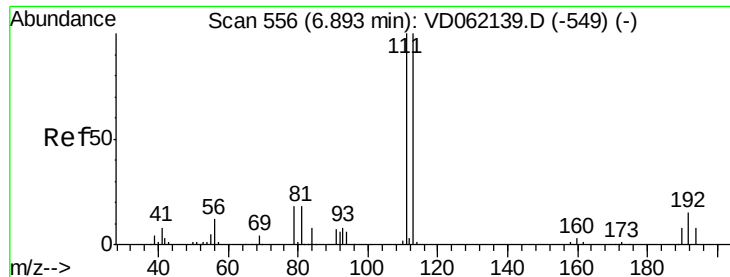
Tot Ion: 65 Resp: 285310
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD062260.D
 Acq: 12 May 2019 15:47

Tgt Ion: 114 Resp: 682362
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 32.4
 88 17.5 0.0 33.6

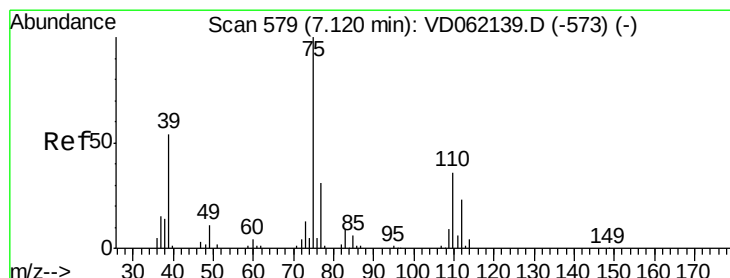
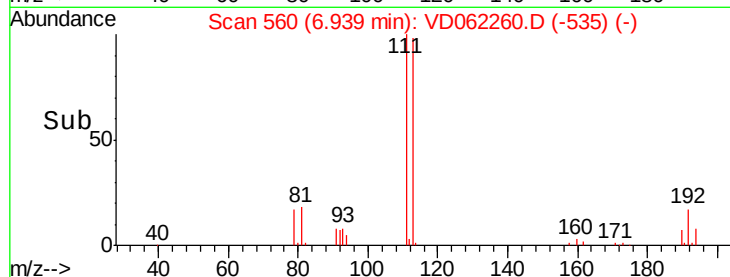
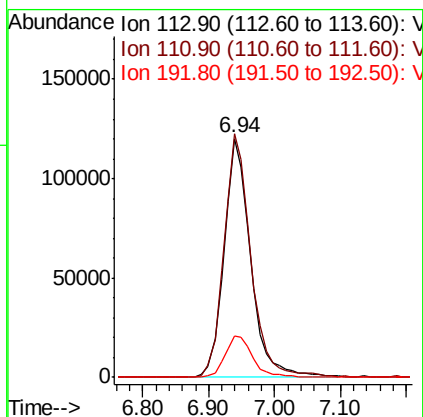
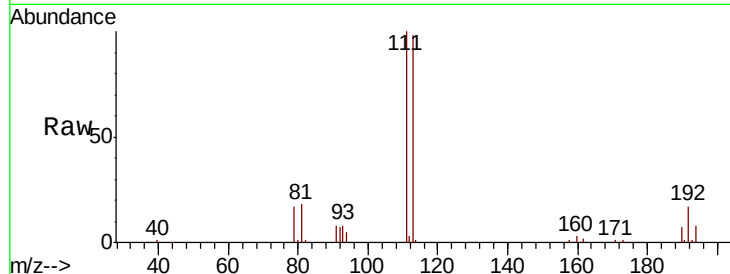




#35
 Dibromofluoromethane
 Concen: 59.988 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.05 min
 Lab File: VD062260.D
 Acq: 12 May 2019 15:47

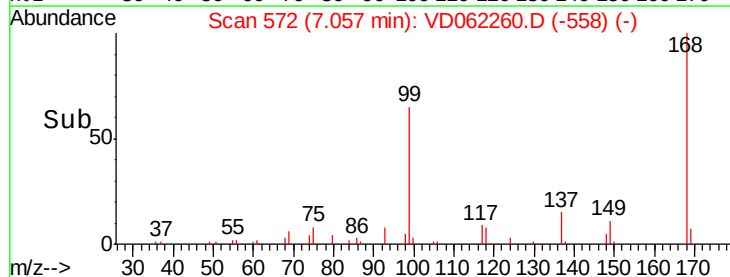
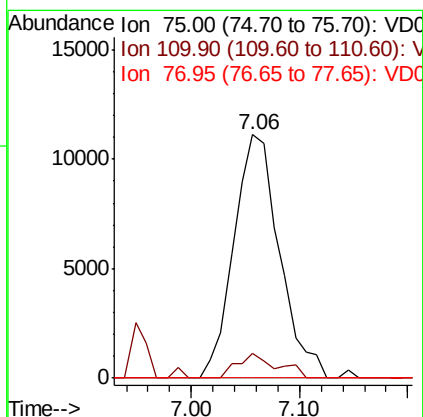
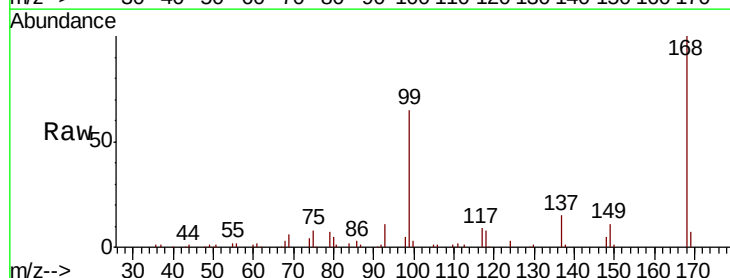
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0206-01

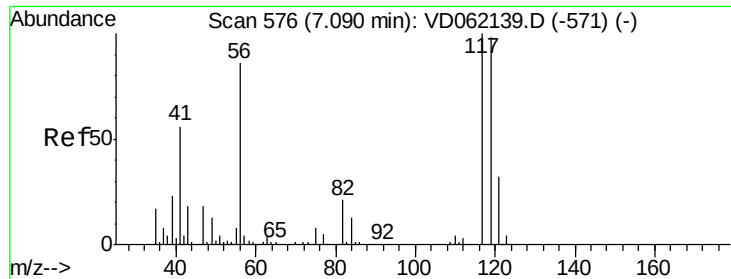
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	78.5	117.7
192	17.2	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 5.806 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD062260.D
 Acq: 12 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.1	57.1#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 5.562 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.02 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01

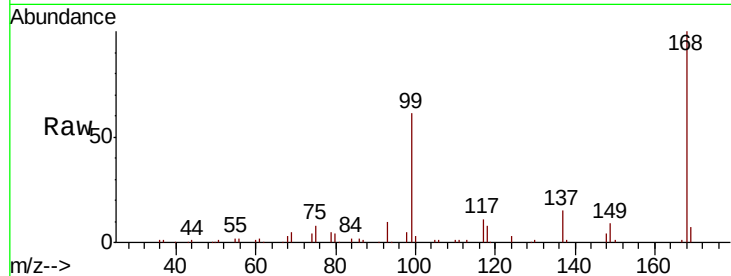
Tot Ion:117 Resp: 43073

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

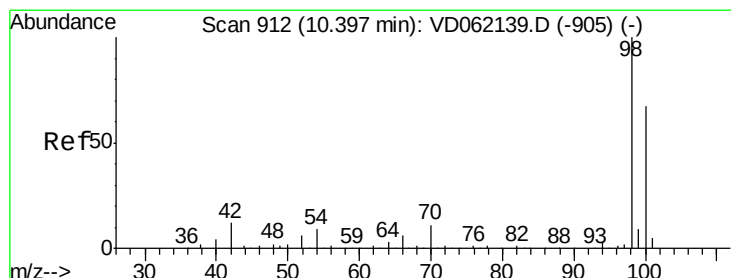
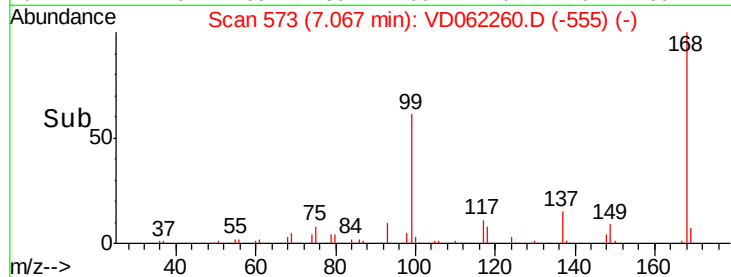
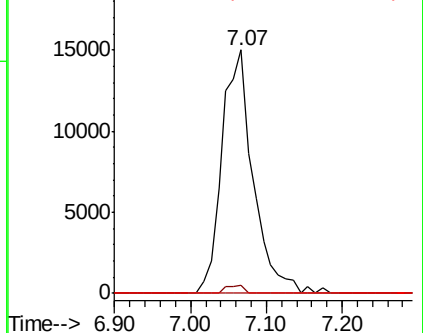
121 0.0 25.9 38.9#



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: 32.460 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062260.D

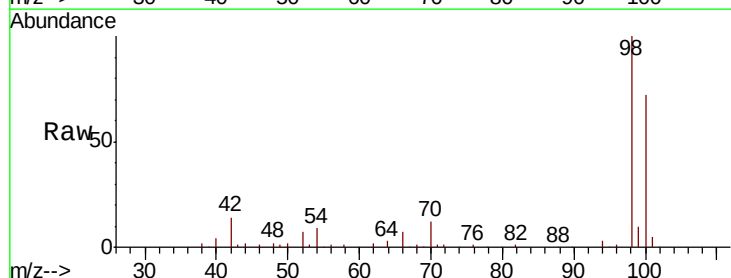
Acq: 12 May 2019 15:47

Tgt Ion: 98 Resp: 443102

Ion Ratio Lower Upper

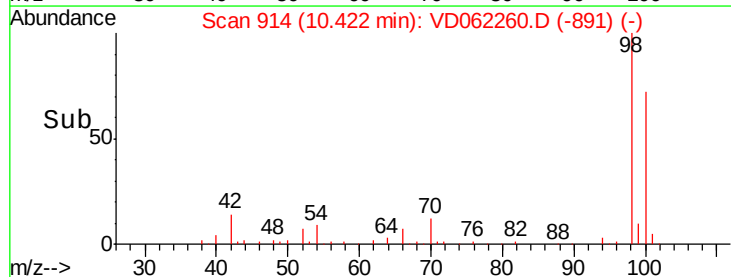
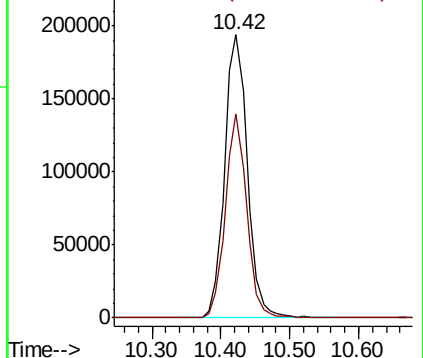
98 100

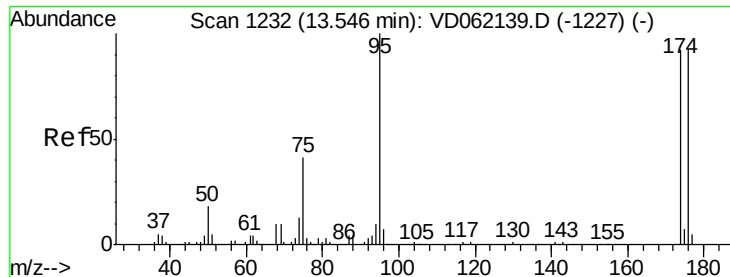
100 72.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.593 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01

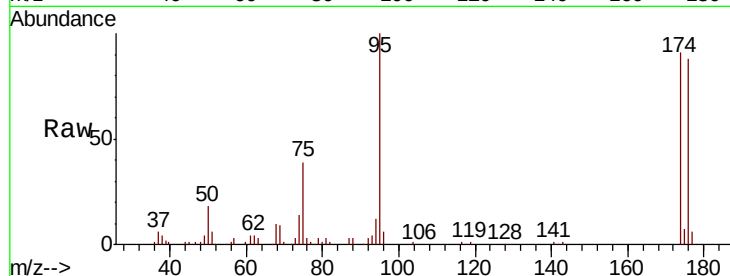
Tot Ion: 95 Resp: 167701

Ion Ratio Lower Upper

95 100

174 90.9 0.0 181.8

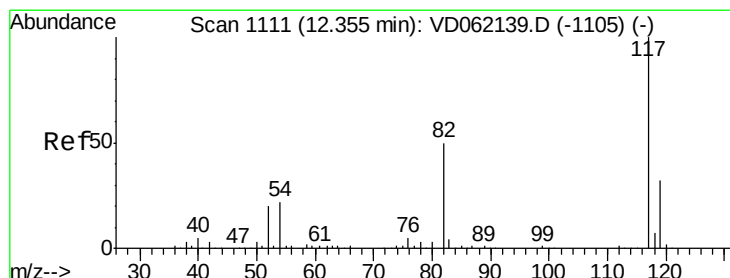
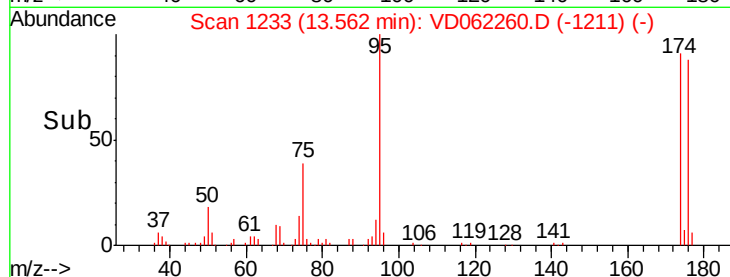
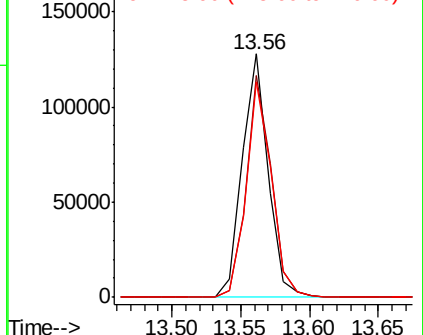
176 88.3 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

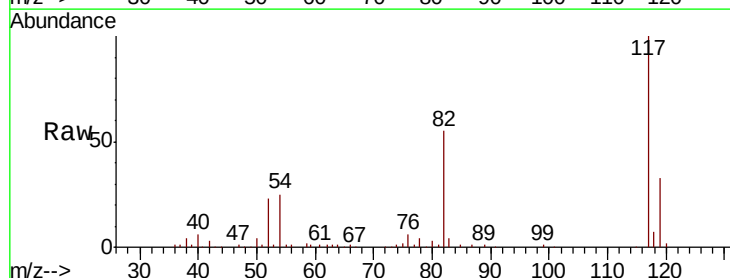
Tgt Ion: 117 Resp: 447817

Ion Ratio Lower Upper

117 100

82 55.5 36.2 54.2#

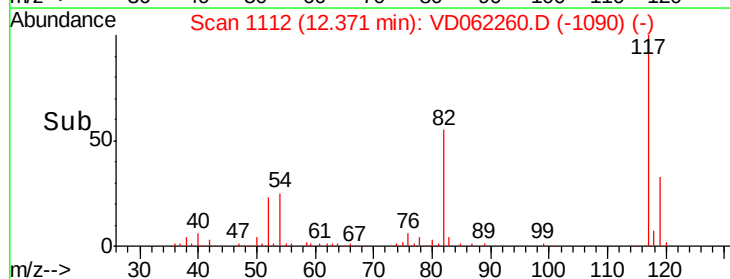
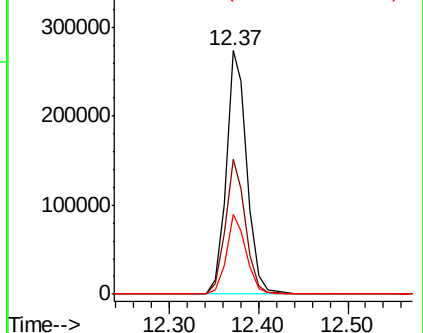
119 32.6 26.2 39.4

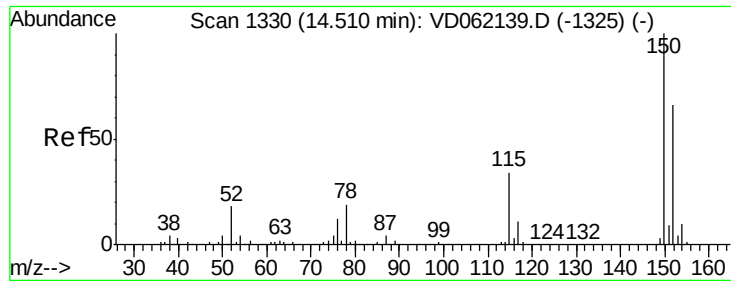


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331

Delta R.T. 0.02 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01

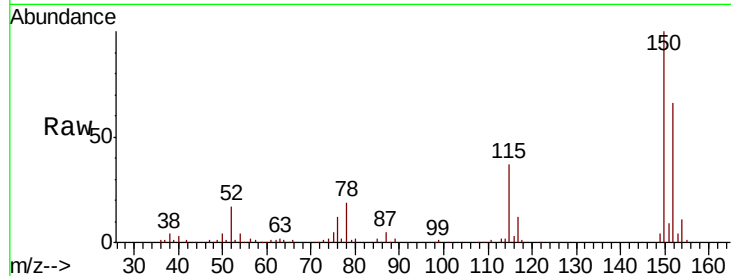
Tot Ion:152 Resp: 148734

Ion Ratio Lower Upper

152 100

115 56.2 30.9 92.7

150 151.9 0.0 314.8

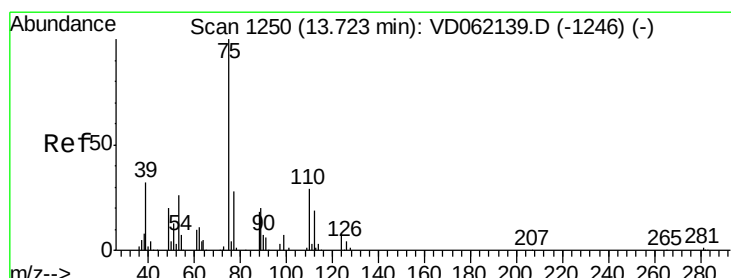
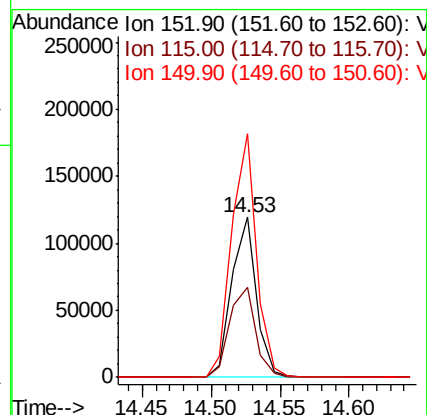
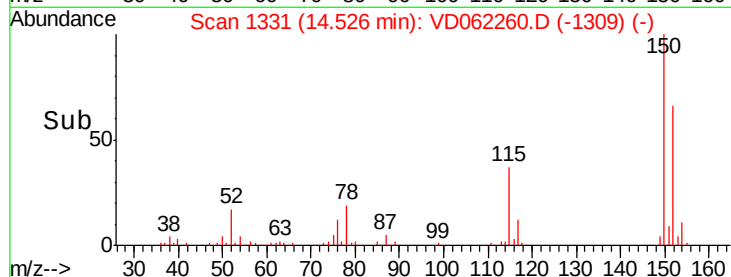


Abundance

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: 38.150 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062260.D

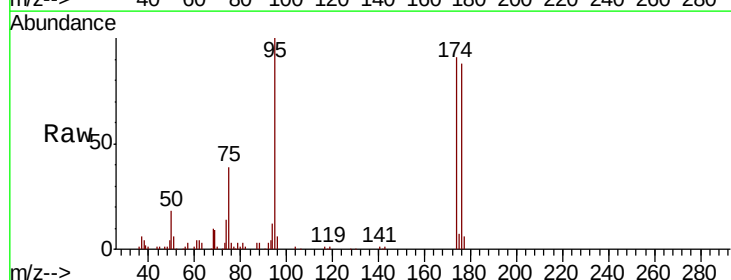
Acq: 12 May 2019 15:47

Tgt Ion: 75 Resp: 67433

Ion Ratio Lower Upper

75 100

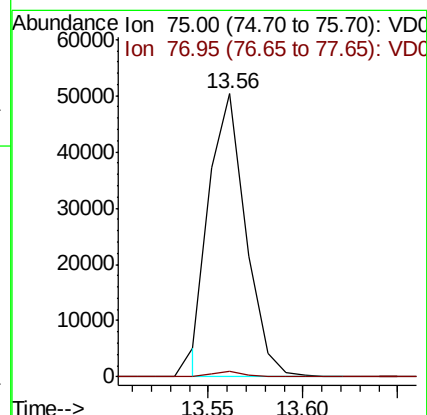
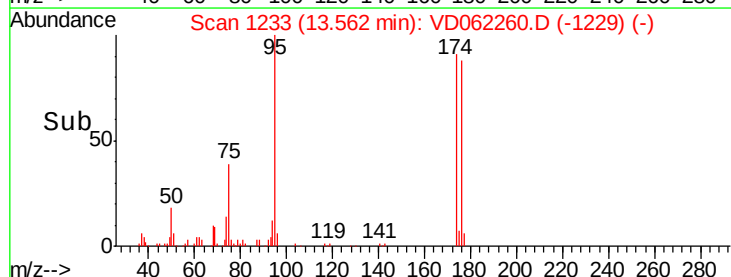
77 1.9 16.4 49.4#

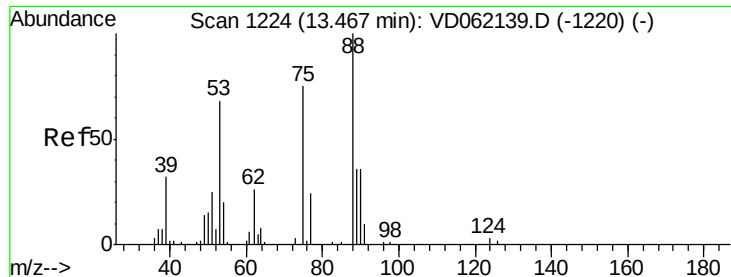


Abundance

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: 141.213 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01

Tot Ion: 75 Resp: 70465

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

