

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062300.D
 Acq On : 13 May 2019 13:08
 Operator : FY/SY
 Sample : K2718-17
 Misc : 5.58g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0206-01

Quant Time: May 14 05:09:19 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

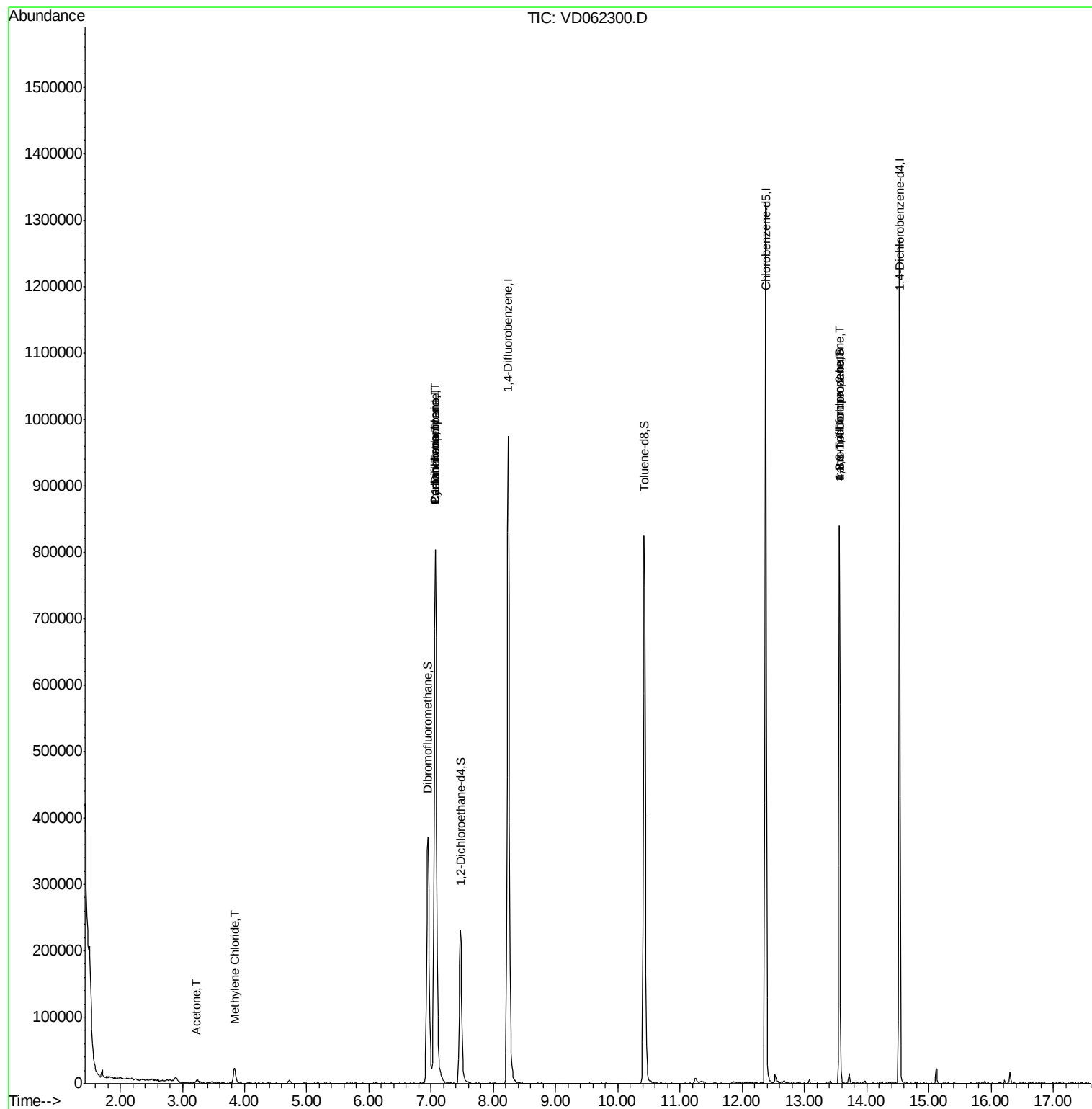
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	759443	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	1001257	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	723504	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	267156	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	263691	37.36	ug/l	0.04
Spiked Amount	50.000		Recovery	=	74.72%	
35) Dibromofluoromethane	6.95	113	335817	40.42	ug/l	0.05
Spiked Amount	50.000		Recovery	=	80.84%	
50) Toluene-d8	10.42	98	684759	34.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	68.38%	
62) 4-Bromofluorobenzene	13.56	95	232778	28.94	ug/l	0.01
Spiked Amount	50.000		Recovery	=	57.88%	
Target Compounds						
					Qvalue	
16) Acetone	3.24	43	9692	6.548	ug/l #	80
20) Methylene Chloride	3.84	84	15920	2.576	ug/l	94
31) Cyclohexane	7.07	56	17236	2.328	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	62331	7.593	ug/l #	46
38) Carbon Tetrachloride	7.07	117	77427	6.814	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	99278	31.269	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	101502	113.245	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: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

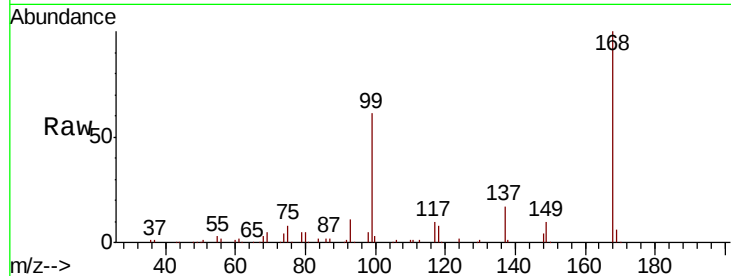
P026-SS007-0206-01

Tot Ion:168 Resp: 759443

Ion Ratio Lower Upper

168 100

99 61.0 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

300000

250000

200000

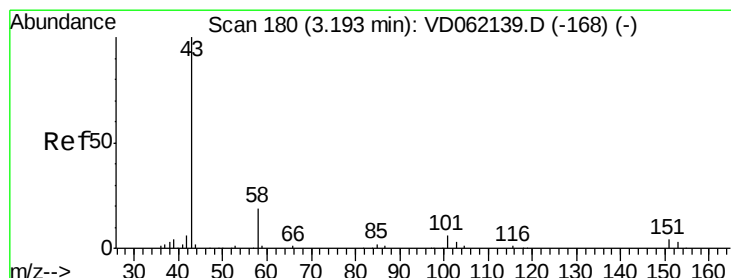
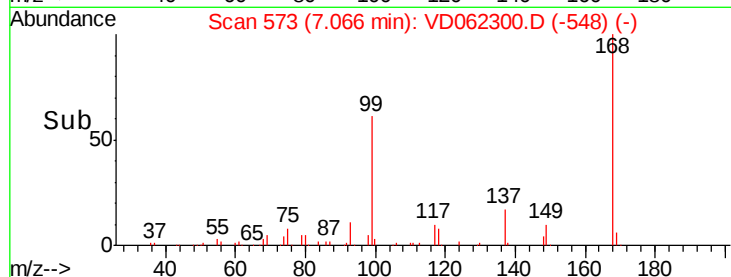
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 6.548 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062300.D

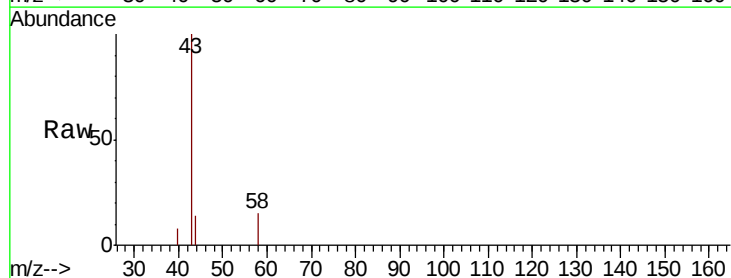
Acq: 13 May 2019 13:08

Tgt Ion: 43 Resp: 9692

Ion Ratio Lower Upper

43 100

58 14.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

5000

4000

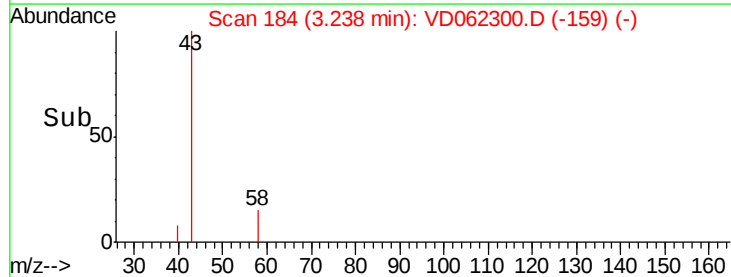
3000

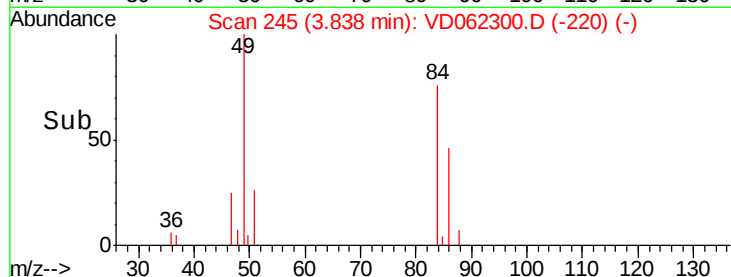
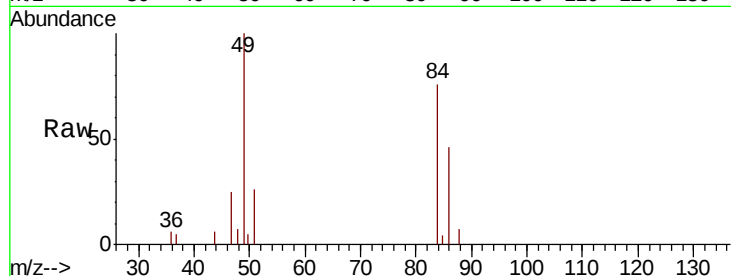
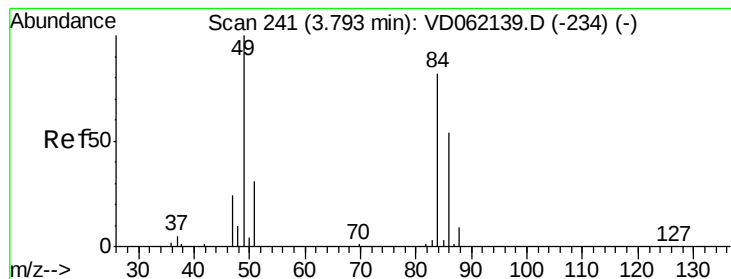
2000

1000

0

Time--> 3.15 3.20 3.25 3.30





#20

Methylene Chloride

Concen: 2.576 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0206-01

Tot Ion: 84 Resp: 15920

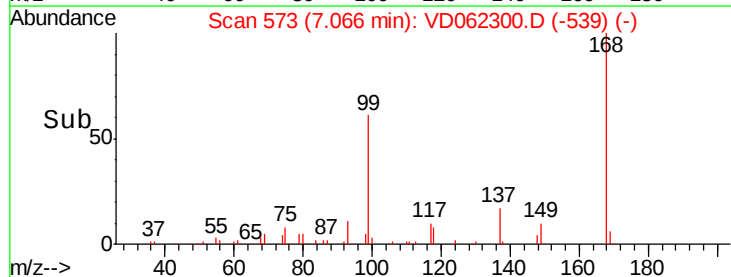
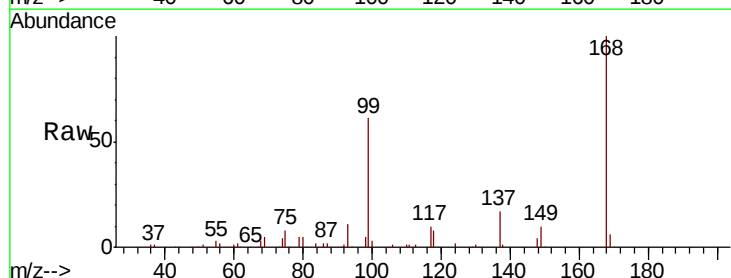
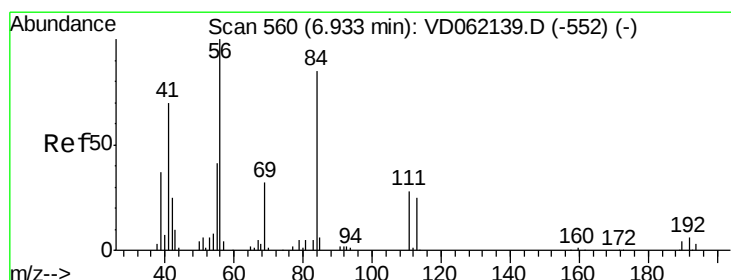
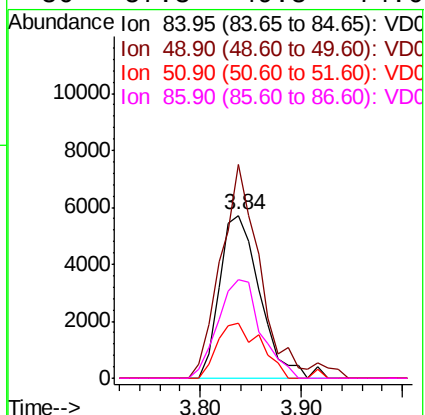
Ion Ratio Lower Upper

84 100

49 123.8 94.0 141.0

51 31.8 29.0 43.4

86 57.3 49.8 74.6



#31

Cyclohexane

Concen: 2.328 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

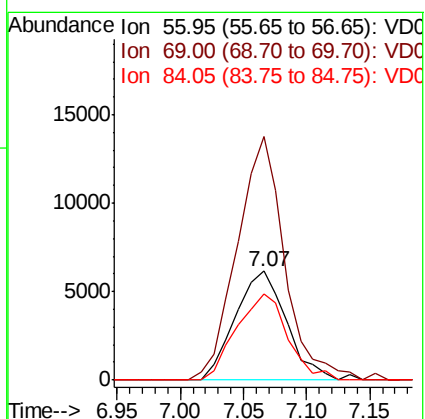
Tgt Ion: 56 Resp: 17236

Ion Ratio Lower Upper

56 100

69 224.2 25.8 38.6#

84 79.5 72.2 108.4





#33

1,2-Dichloroethane-d4

Concen: 37.363 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

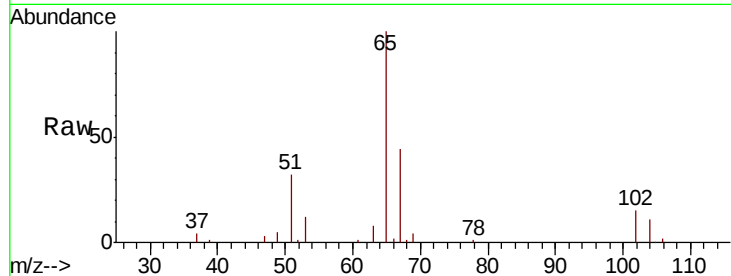
P026-SS007-0206-01

Tot Ion: 65 Resp: 263691

Ion Ratio Lower Upper

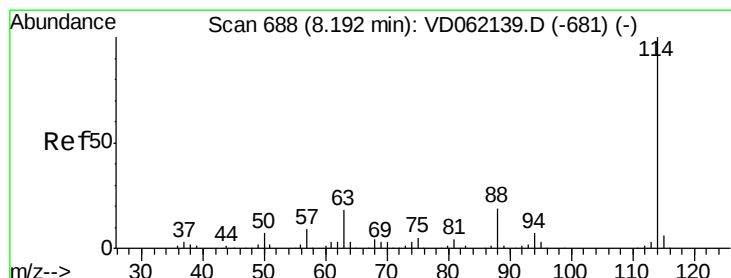
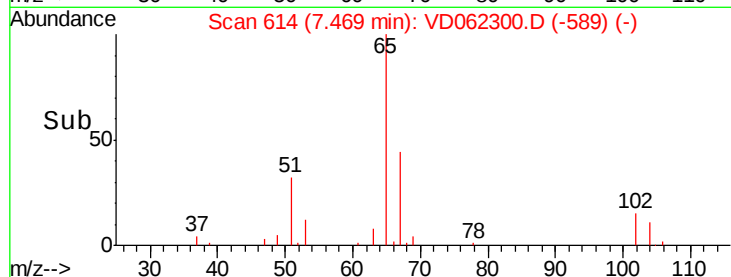
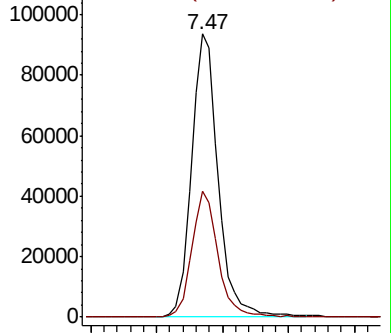
65 100

67 44.4 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: 8.24 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

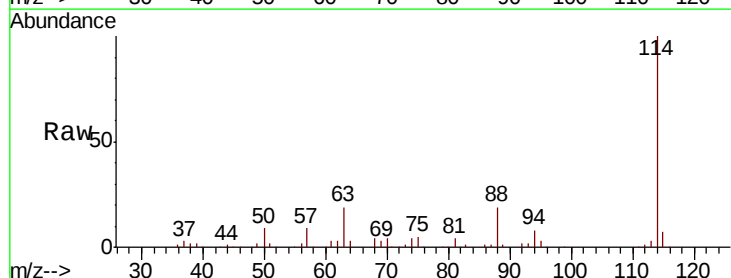
Tgt Ion: 114 Resp: 1001257

Ion Ratio Lower Upper

114 100

63 18.9 0.0 32.4

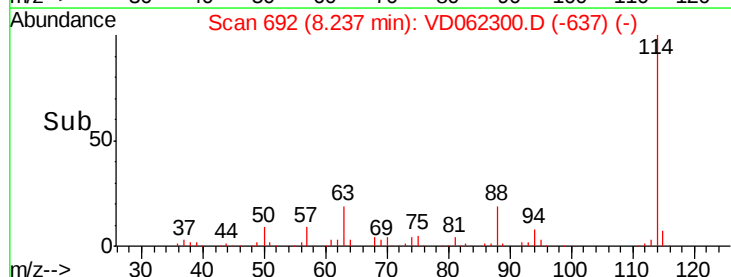
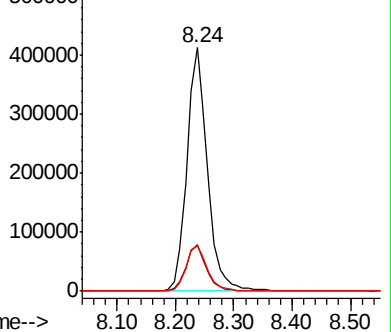
88 18.6 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

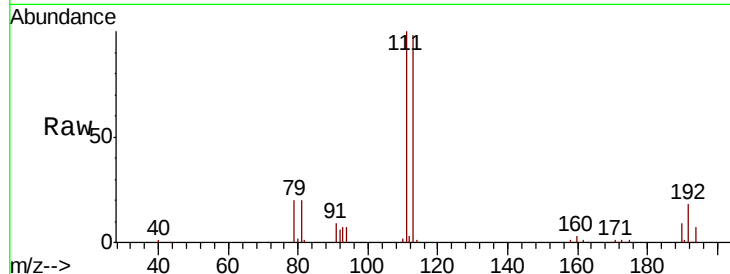




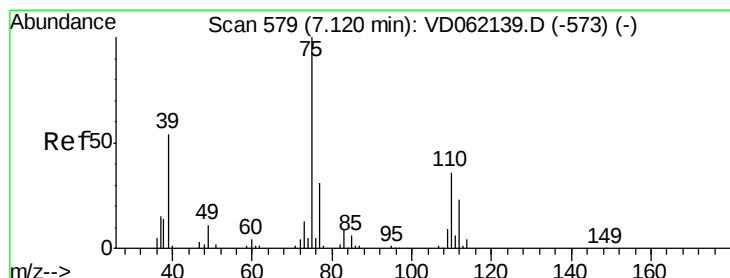
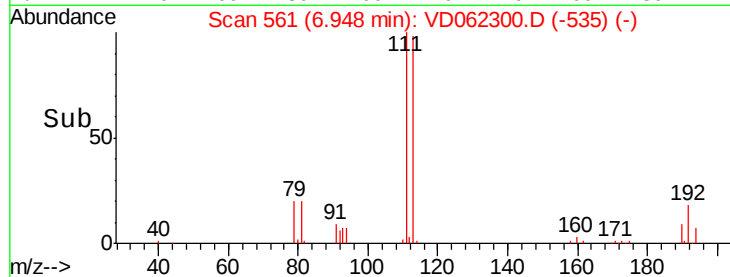
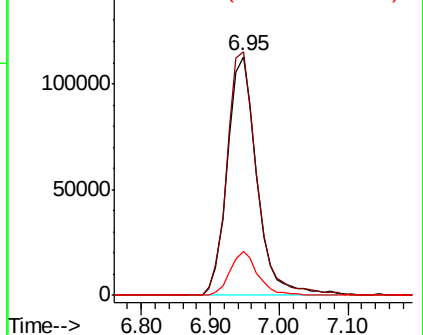
#35
 Dibromofluoromethane
 Concen: 40.423 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062300.D
 Acq: 13 May 2019 13:08

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0206-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	78.5	117.7
192	18.3	13.0	19.4

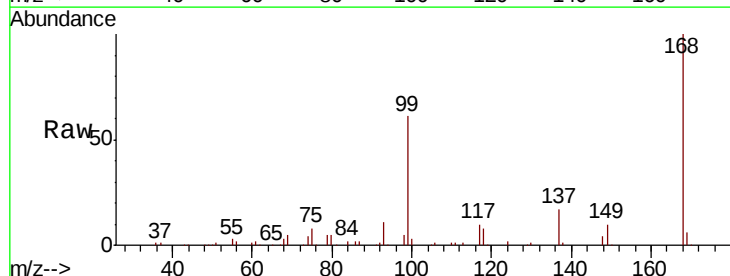


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

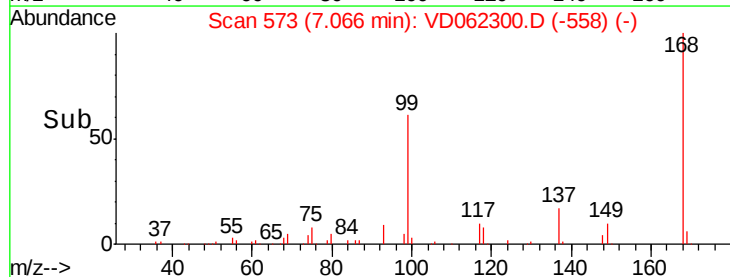
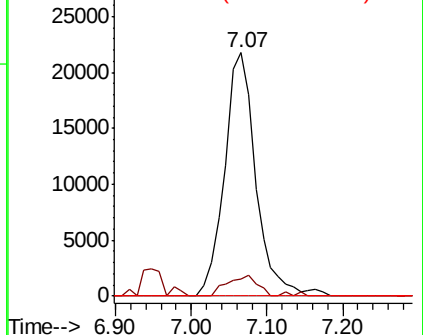


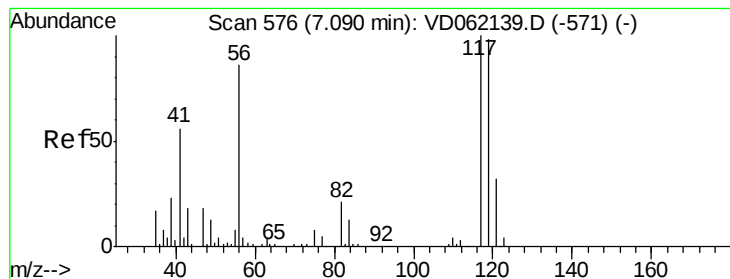
#36
 1,1-Dichloropropene
 Concen: 7.593 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD062300.D
 Acq: 13 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	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): V
 Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 6.814 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.02 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0206-01

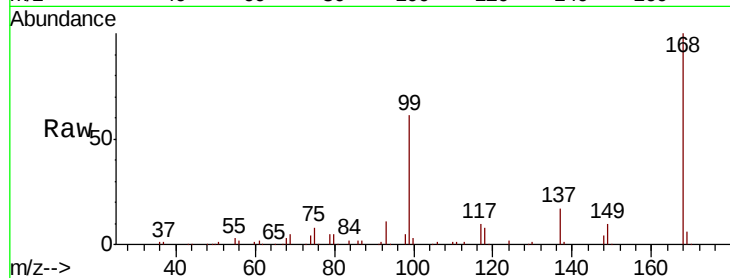
Tot Ion:117 Resp: 77427

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

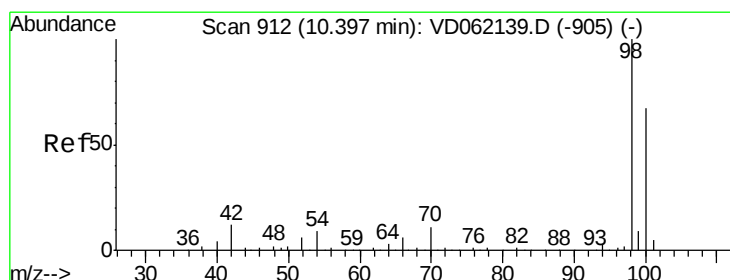
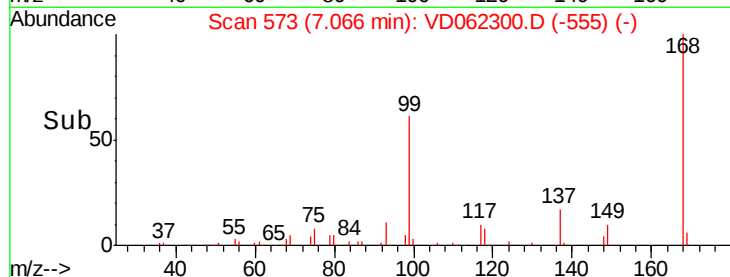
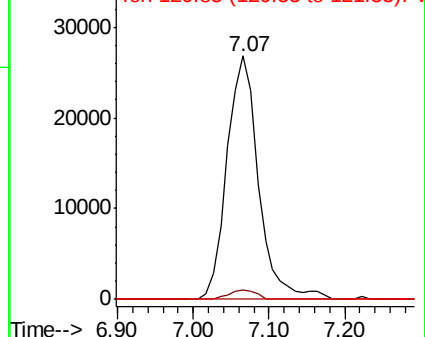
121 0.0 25.9 38.9#



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: 34.187 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062300.D

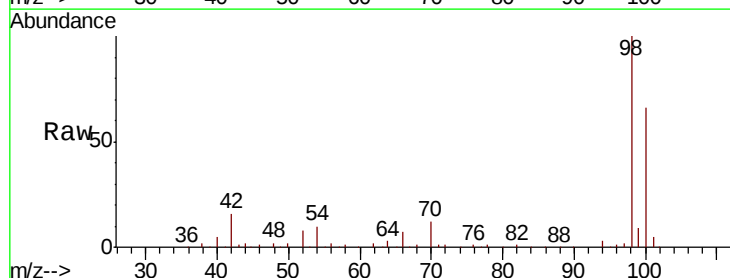
Acq: 13 May 2019 13:08

Tgt Ion: 98 Resp: 684759

Ion Ratio Lower Upper

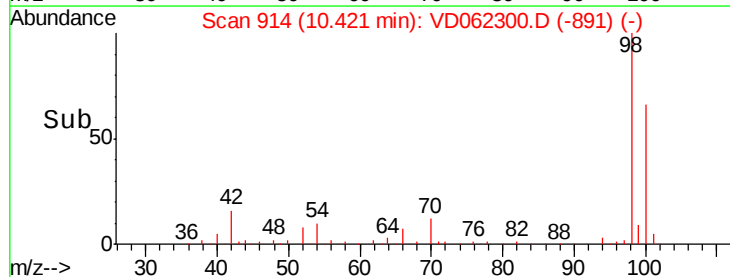
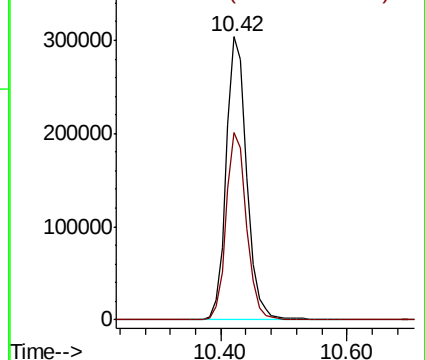
98 100

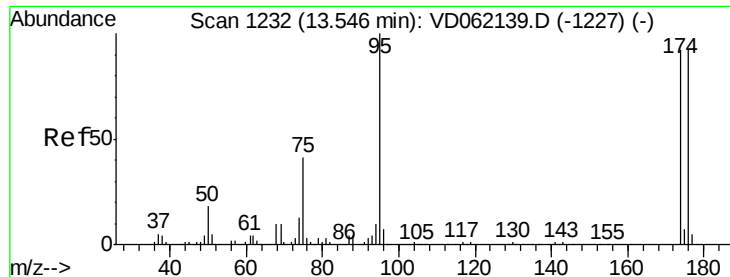
100 66.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 28.940 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

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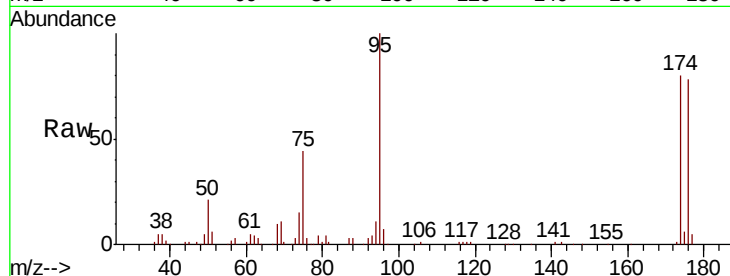
Tot Ion: 95 Resp: 232778

Ion Ratio Lower Upper

95 100

174 80.2 0.0 181.8

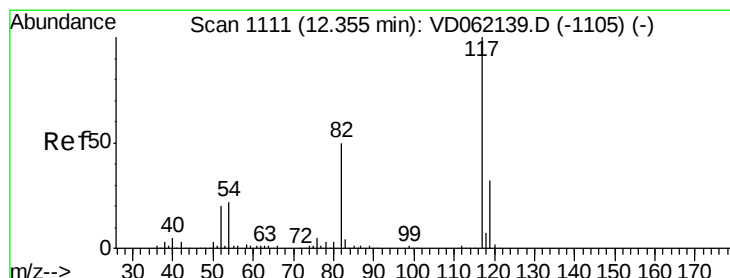
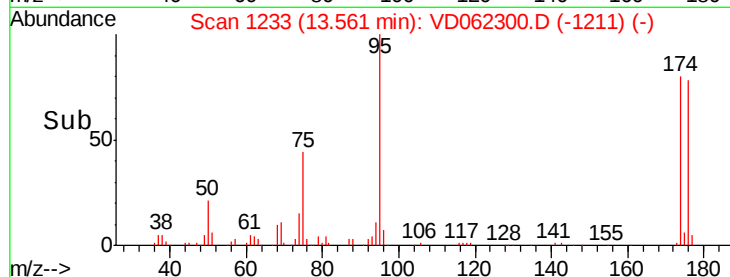
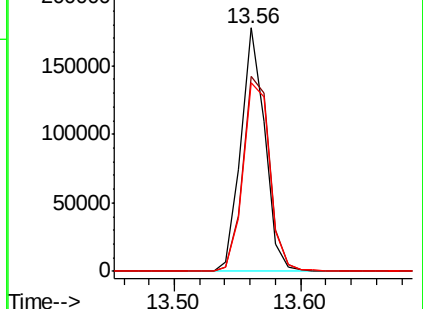
176 77.7 0.0 174.4



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: VD062300.D

Acq: 13 May 2019 13:08

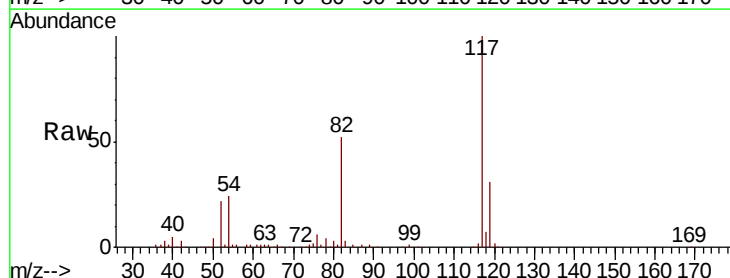
Tgt Ion: 117 Resp: 723504

Ion Ratio Lower Upper

117 100

82 52.3 36.2 54.2

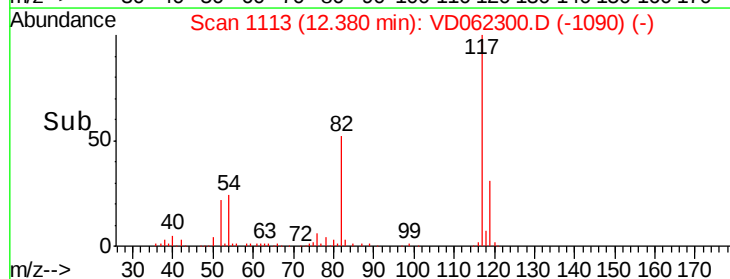
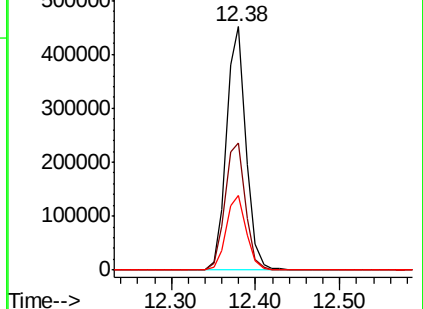
119 30.9 26.2 39.4

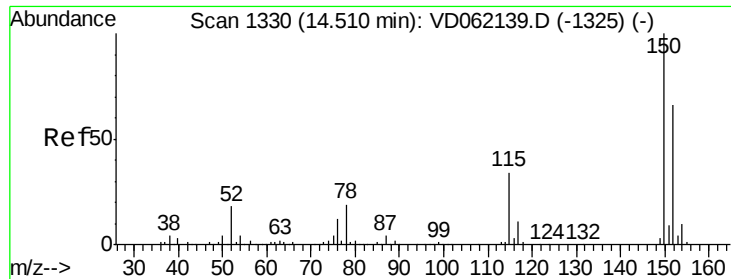


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0206-01

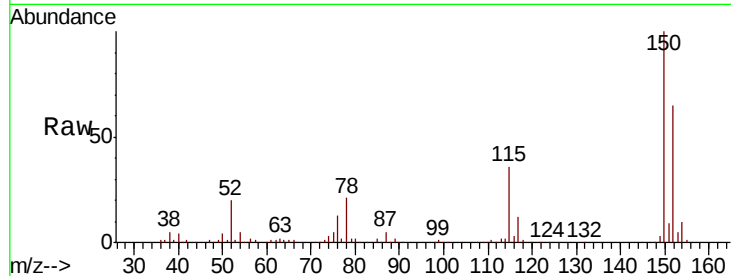
Tot Ion:152 Resp: 267156

Ion Ratio Lower Upper

152 100

115 54.9 30.9 92.7

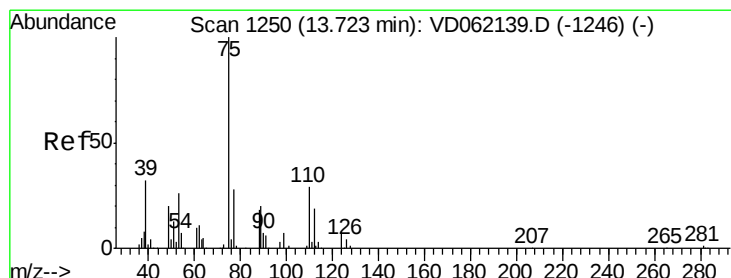
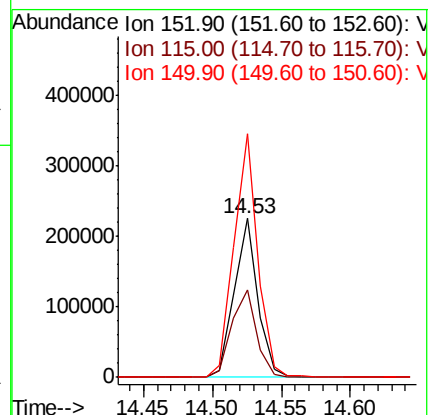
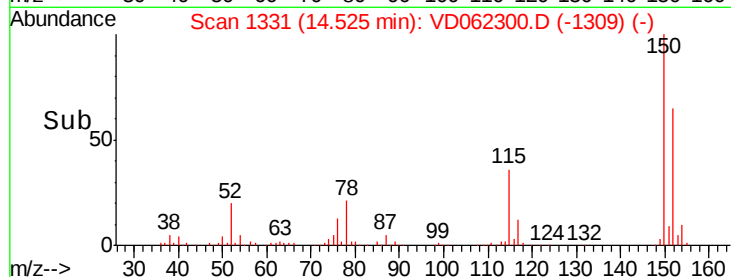
150 153.0 0.0 314.8



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: 31.269 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062300.D

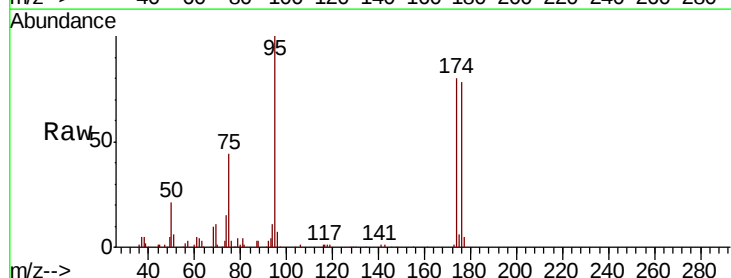
Acq: 13 May 2019 13:08

Tgt Ion: 75 Resp: 99278

Ion Ratio Lower Upper

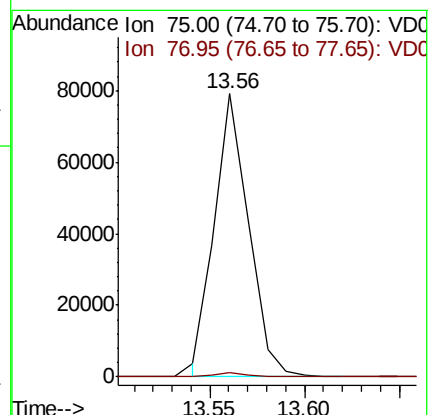
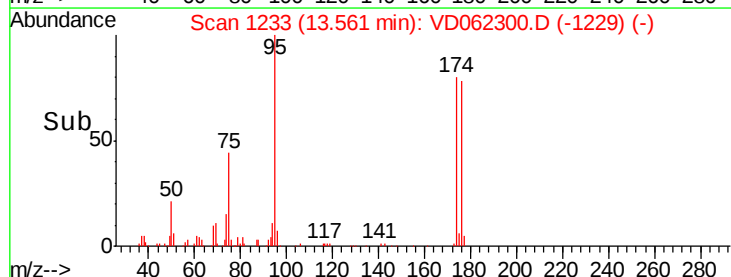
75 100

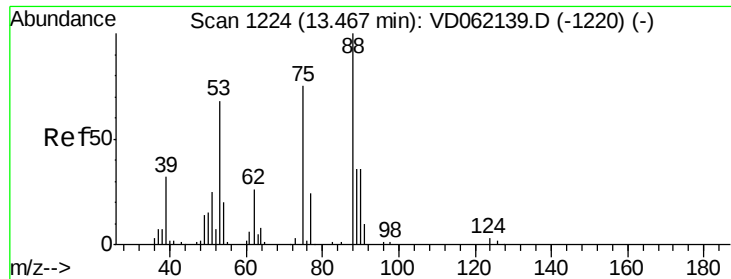
77 1.4 16.4 49.4#



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: 113.245 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0206-01

Tot Ion: 75 Resp: 101502

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

