

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062314.D
 Acq On : 13 May 2019 19:35
 Operator : FY/SY
 Sample : K2733-14
 Misc : 5.77g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0002-01RE

Quant Time: May 14 05:12:20 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

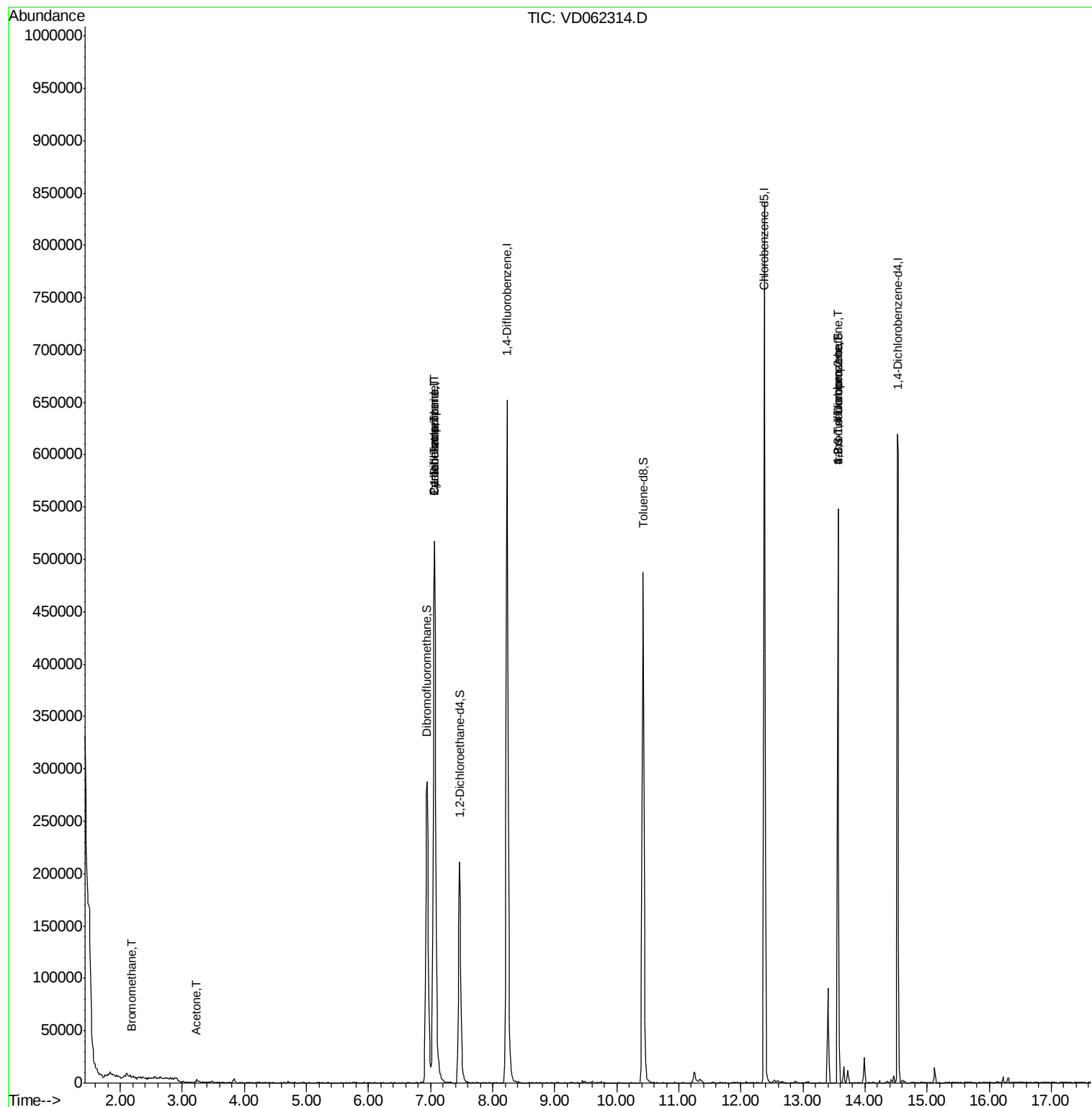
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	476621	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	634887	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	423847	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	146403	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	229322	51.77	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	6.94	113	258903	49.15	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.43	98	405942	31.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	63.92%	
62) 4-Bromofluorobenzene	13.57	95	137646	26.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	53.98%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	2290	3.019	ug/l #	12
16) Acetone	3.23	43	5170	5.566	ug/l #	50
18) Methyl Acetate	3.65	43	204	Below Cal	#	53
31) Cyclohexane	7.05	56	11050	2.378	ug/l #	15
36) 1,1-Dichloropropene	7.06	75	38820	7.458	ug/l #	46
38) Carbon Tetrachloride	7.06	117	51305	7.121	ug/l #	14
76) 1,2,3-Trichloropropane	13.57	75	60194	34.597	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.57	75	63567	129.417	ug/l #	16

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

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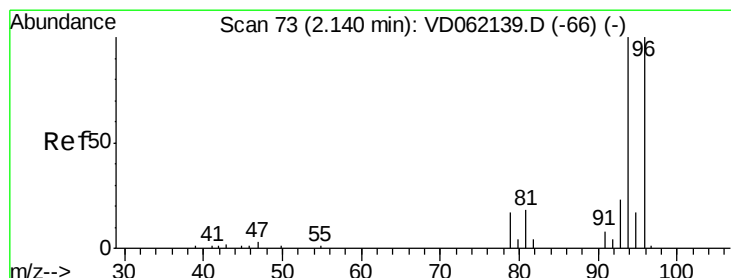
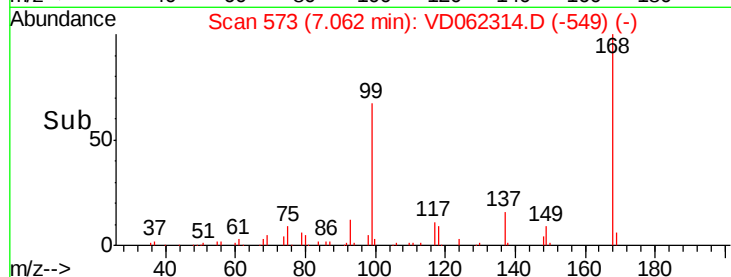
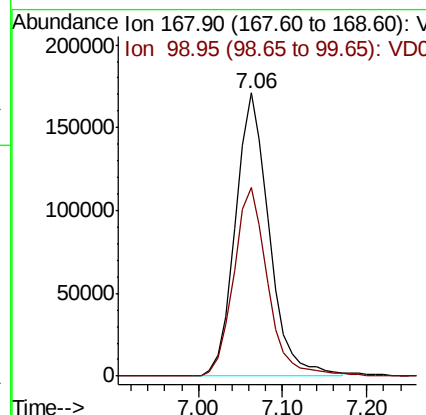
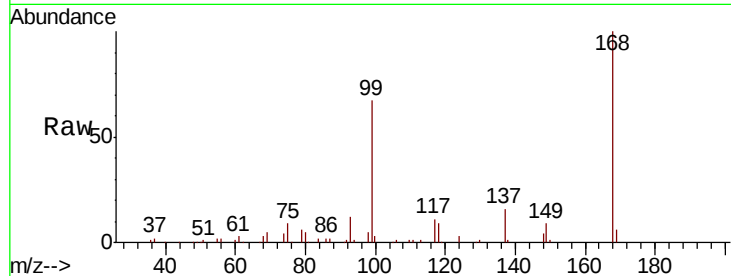




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062314.D
Acq: 13 May 2019 19:35

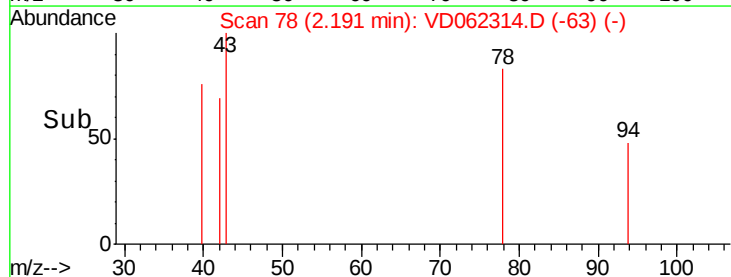
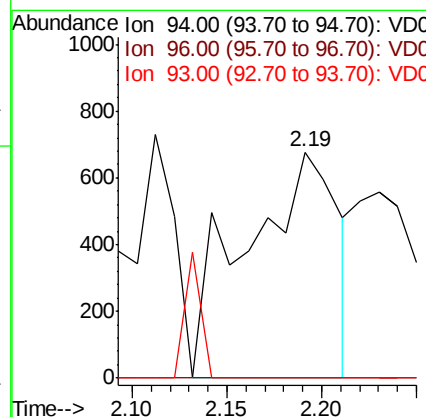
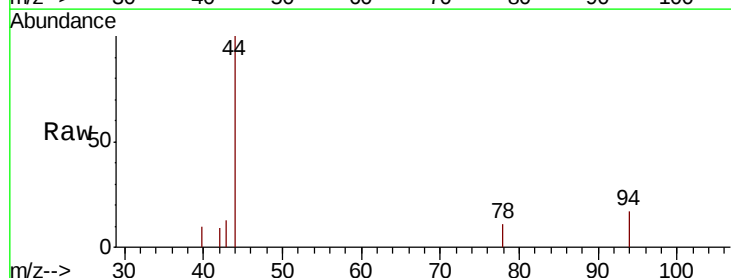
Instrument :
MSVOA_D
ClientSampleId :
P021-SS003-0002-01RE

Tot Ion:168 Resp: 476621
Ion Ratio Lower Upper
168 100
99 66.8 46.5 69.7



#5
Bromomethane
Concen: 3.019 ug/l
RT: 2.19 min Scan# 78
Delta R.T. 0.05 min
Lab File: VD062314.D
Acq: 13 May 2019 19:35

Tgt Ion: 94 Resp: 2290
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#16

Acetone

Concen: 5.566 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

MSVOA_D

ClientSampleId :

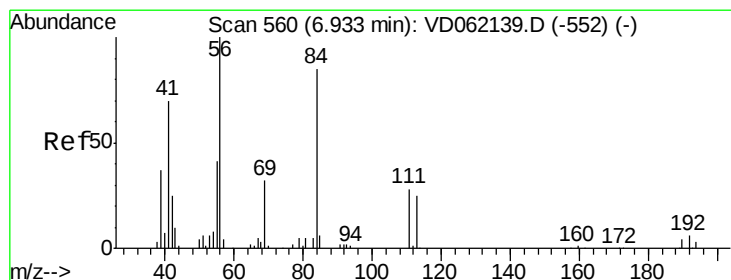
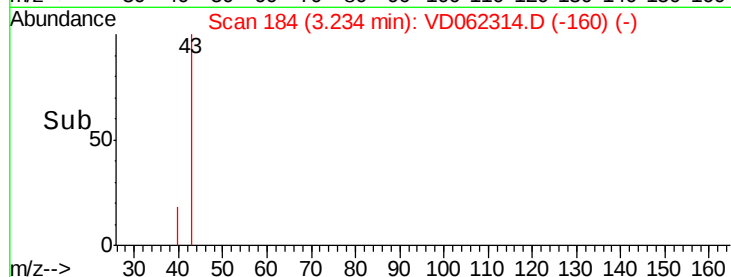
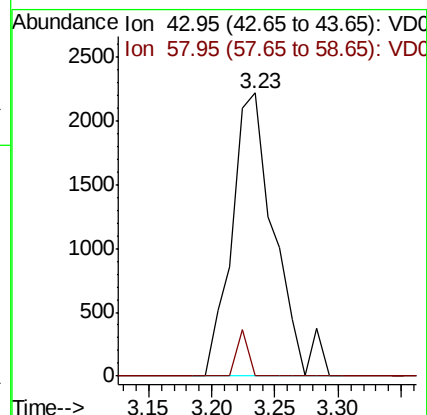
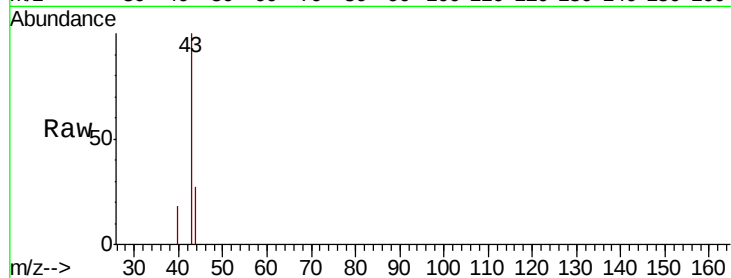
P021-SS003-0002-01RE

Tot Ion: 43 Resp: 5170

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#31

Cyclohexane

Concen: 2.378 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.12 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

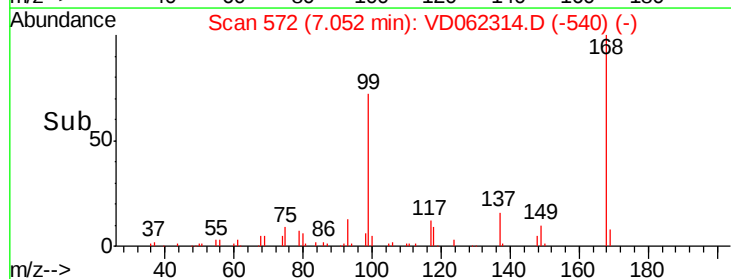
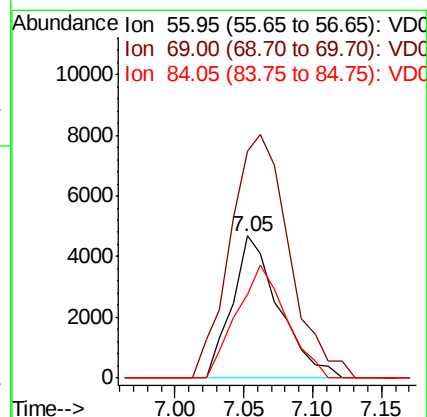
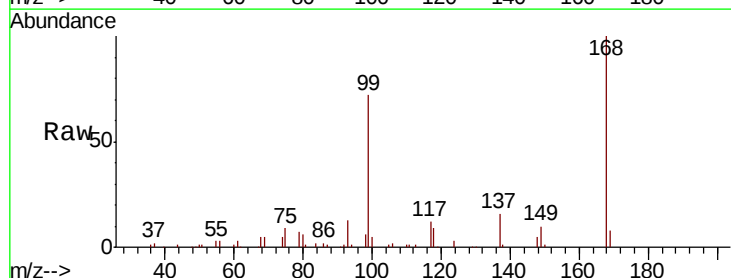
Tgt Ion: 56 Resp: 11050

Ion Ratio Lower Upper

56 100

69 159.5 25.8 38.6#

84 58.7 72.2 108.4#

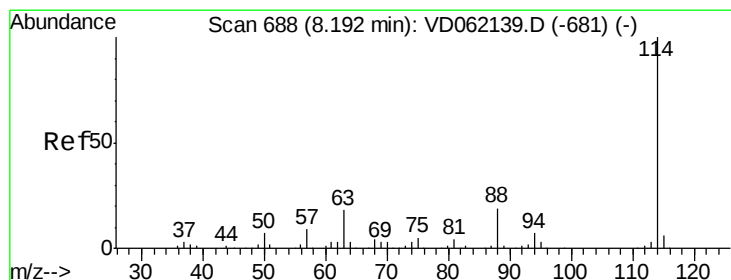
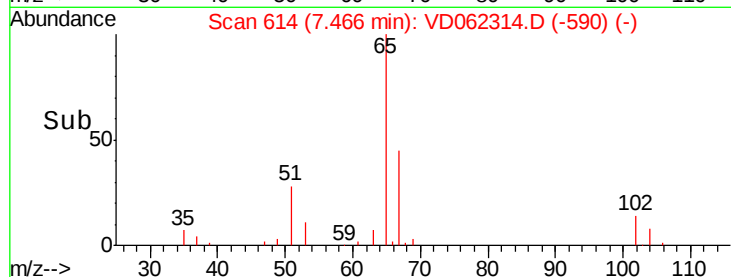
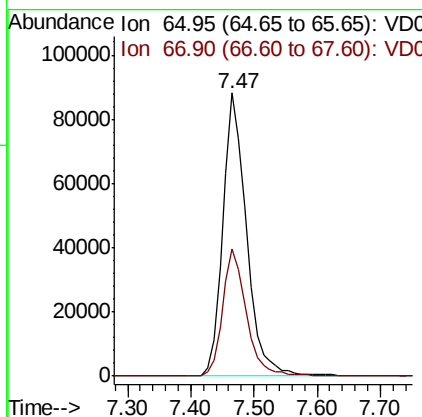
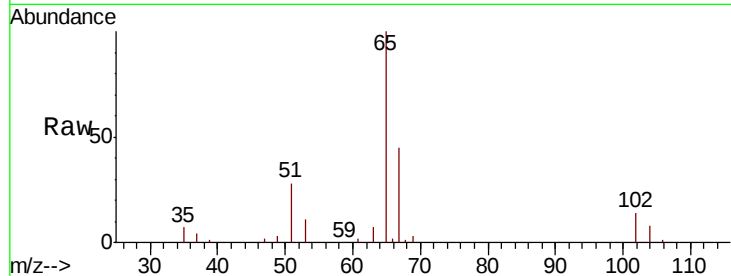




#33
 1,2-Dichloroethane-d4
 Concen: 51.774 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062314.D
 Acq: 13 May 2019 19:35

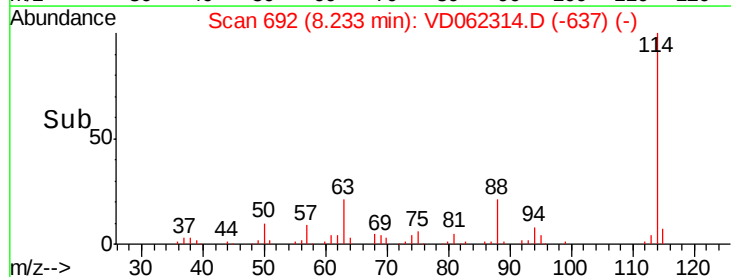
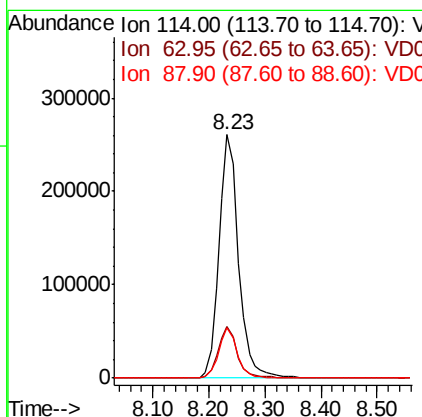
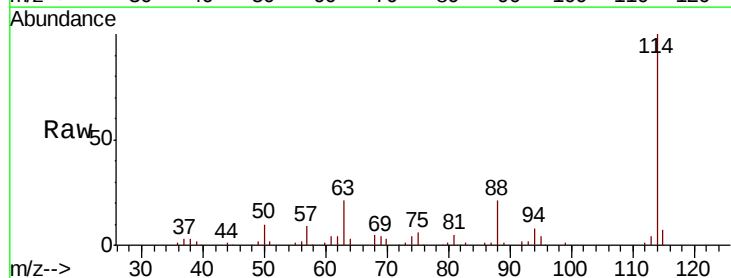
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0002-01RE

Tot Ion: 65 Resp: 229322
 Ion Ratio Lower Upper
 65 100
 67 45.2 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: VD062314.D
 Acq: 13 May 2019 19:35

Tgt Ion: 114 Resp: 634887
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 32.4
 88 20.5 0.0 33.6

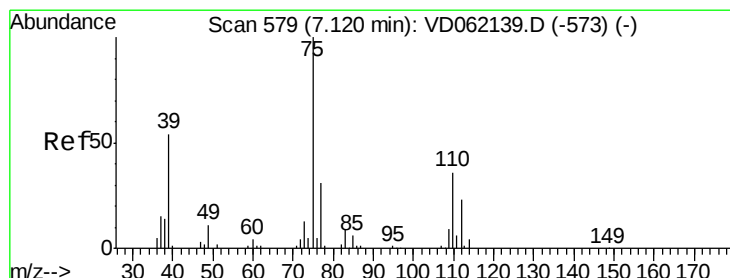
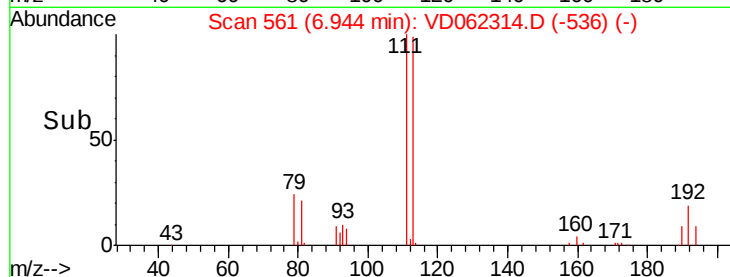
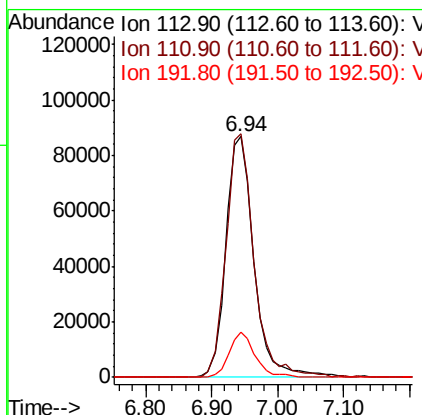
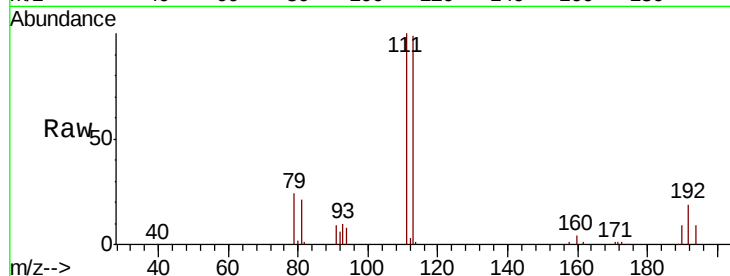




#35
 Dibromofluoromethane
 Concen: 49.149 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062314.D
 Acq: 13 May 2019 19:35

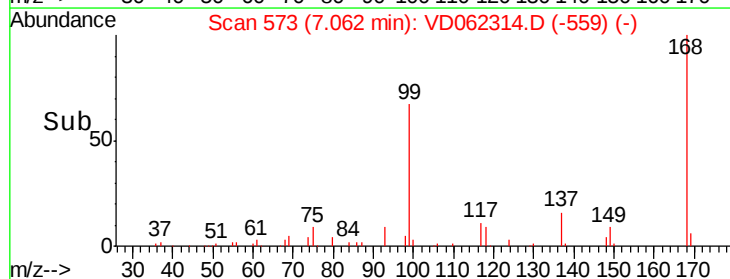
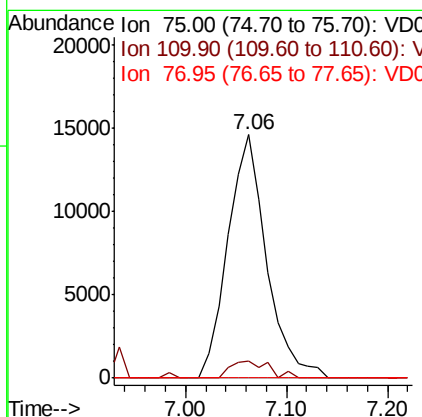
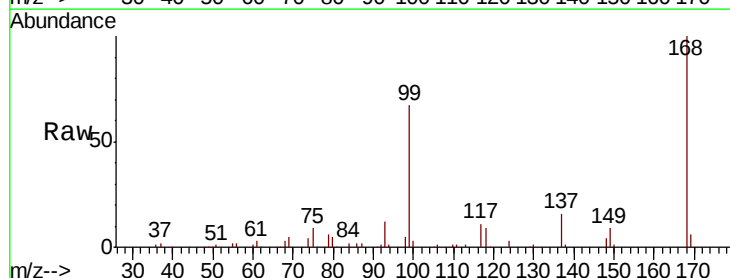
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0002-01RE

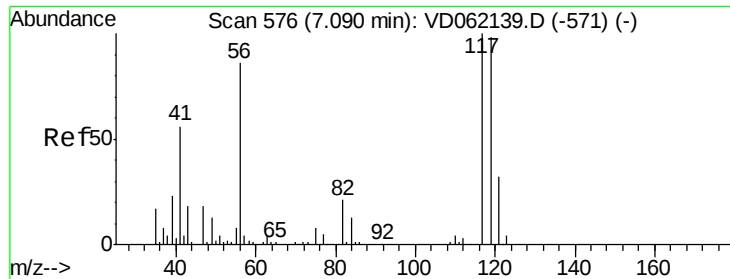
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	78.5	117.7
192	18.8	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 7.458 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062314.D
 Acq: 13 May 2019 19:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	19.1	57.1#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 7.121 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

MSVOA_D

ClientSampleId :

P021-SS003-0002-01RE

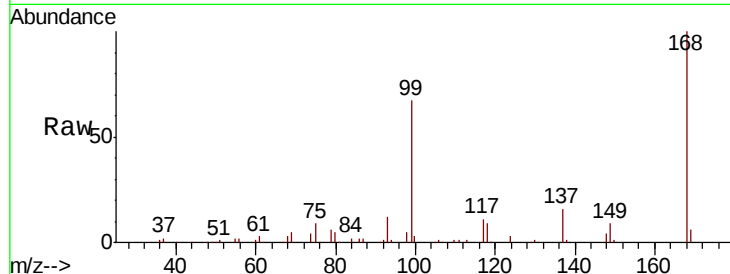
Tot Ion:117 Resp: 51305

Ion Ratio Lower Upper

117 100

119 2.5 75.8 113.8#

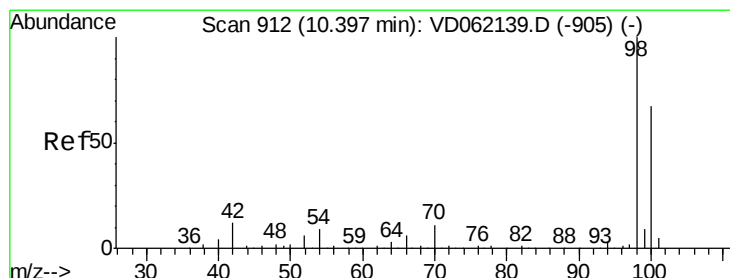
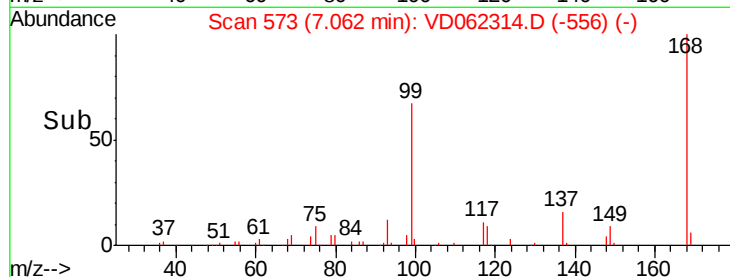
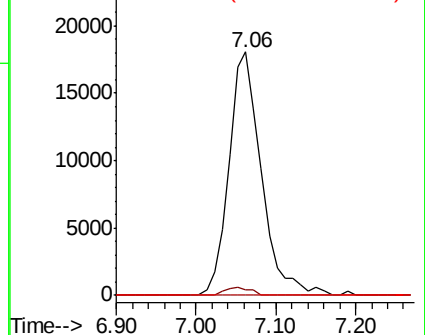
121 0.0 25.9 38.9#



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: 31.962 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062314.D

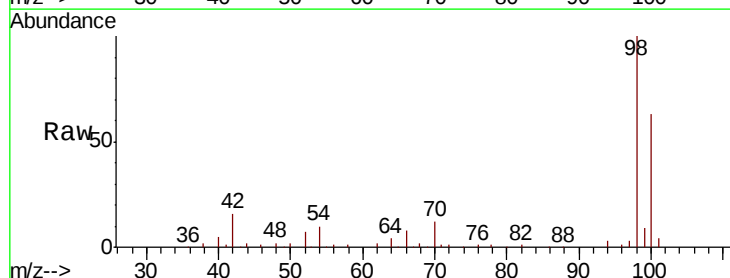
Acq: 13 May 2019 19:35

Tgt Ion: 98 Resp: 405942

Ion Ratio Lower Upper

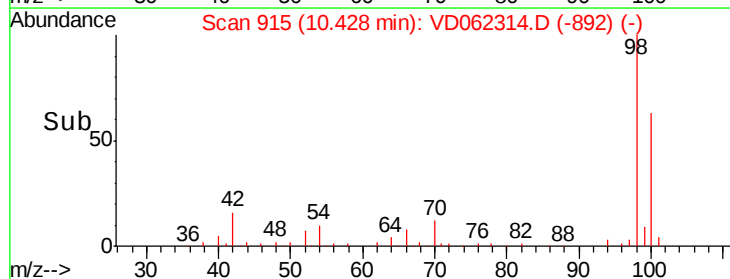
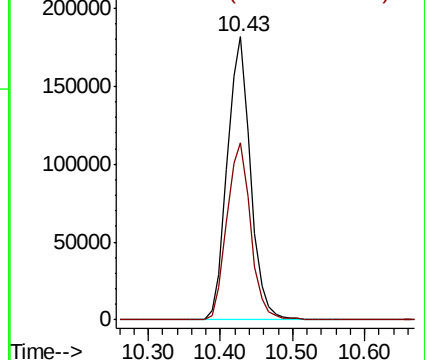
98 100

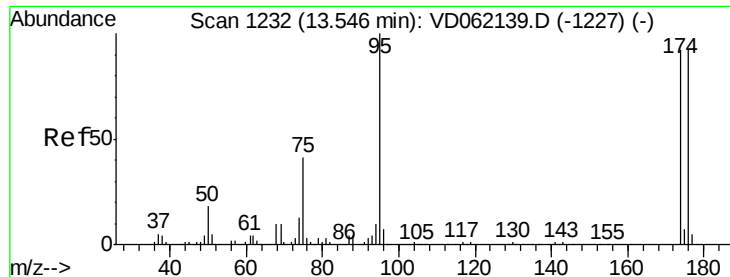
100 62.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 26.988 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

MSVOA_D

ClientSampleId :

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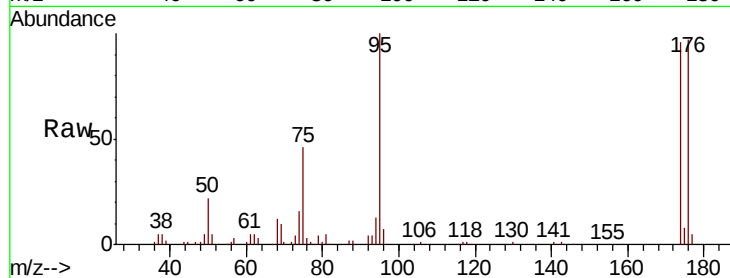
Tot Ion: 95 Resp: 137646

Ion Ratio Lower Upper

95 100

174 96.1 0.0 181.8

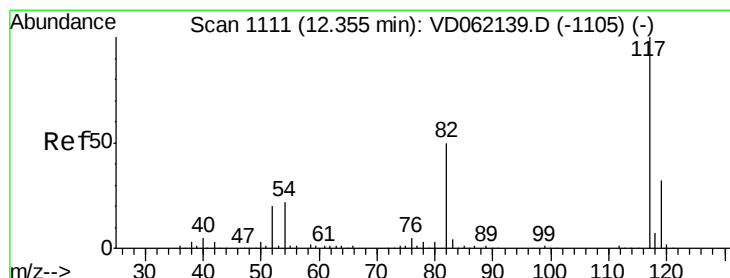
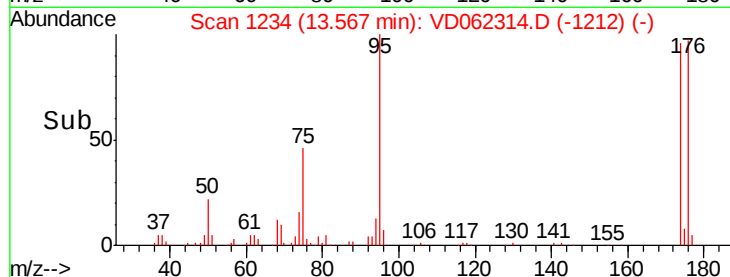
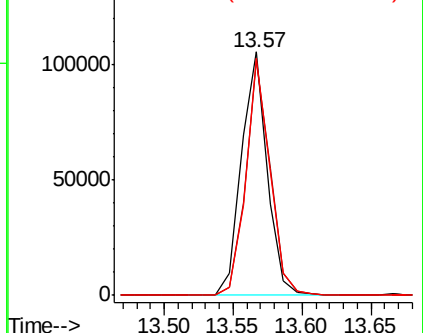
176 97.2 0.0 174.4



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: VD062314.D

Acq: 13 May 2019 19:35

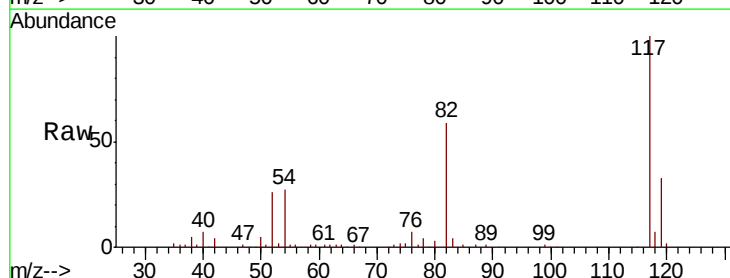
Tgt Ion: 117 Resp: 423847

Ion Ratio Lower Upper

117 100

82 59.0 36.2 54.2#

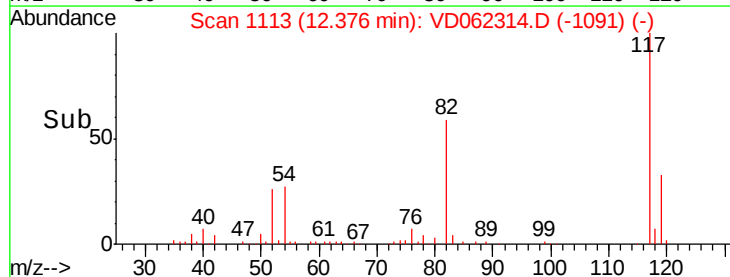
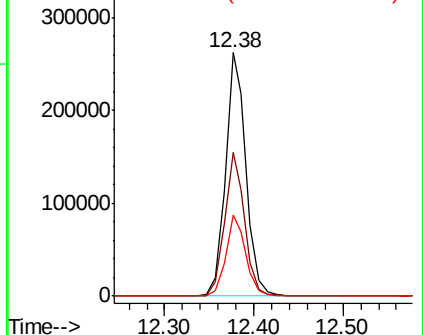
119 33.2 26.2 39.4

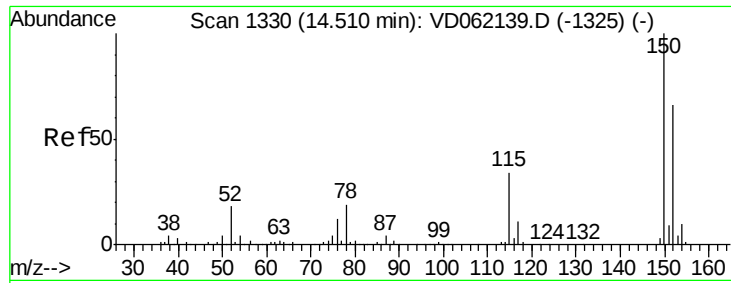


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

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ClientSampleId :

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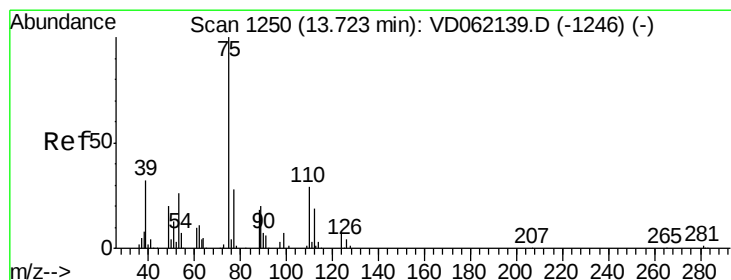
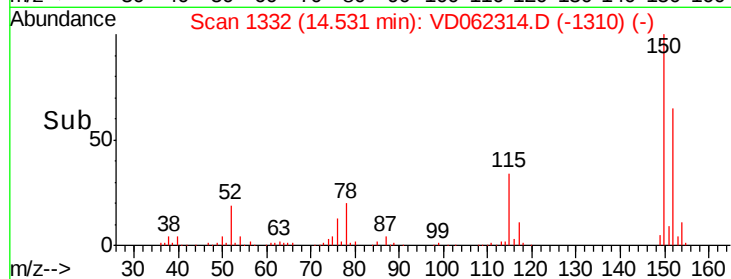
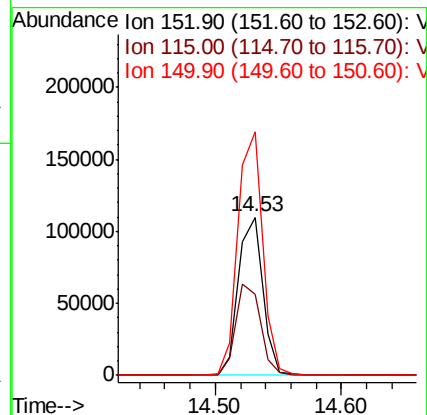
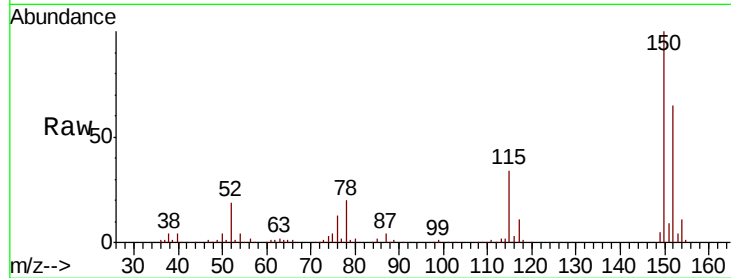
Tot Ion:152 Resp: 146403

Ion Ratio Lower Upper

152 100

115 51.5 30.9 92.7

150 153.7 0.0 314.8



#76

1,2,3-Trichloropropane

Concen: 34.597 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062314.D

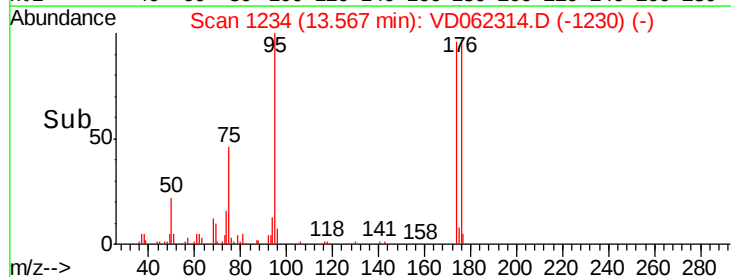
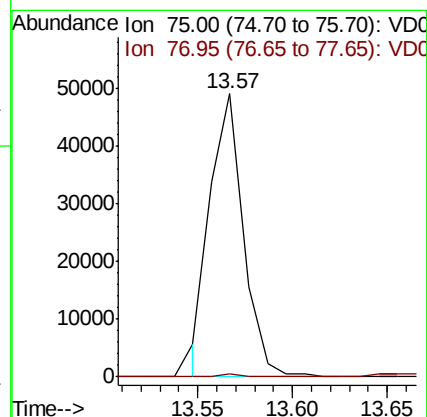
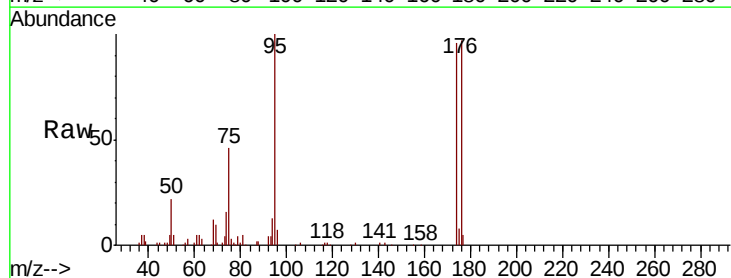
Acq: 13 May 2019 19:35

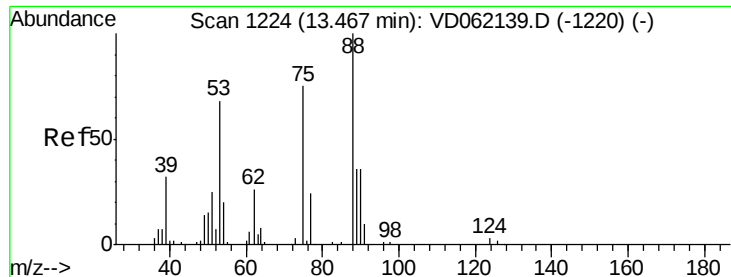
Tgt Ion: 75 Resp: 60194

Ion Ratio Lower Upper

75 100

77 1.2 16.4 49.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 129.417 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

MSVOA_D

ClientSampleId :

P021-SS003-0002-01RE

Tot Ion: 75 Resp: 63567

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

