

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063527.D
 Acq On : 13 Aug 2019 15:15
 Operator : JC/SY
 Sample : K4295-01
 Misc : 4.75µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:28:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1179135	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1630757	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1379157	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	687979	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	531158	42.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.28%	
35) Dibromofluoromethane	6.93	113	592097	43.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.22%	
50) Toluene-d8	10.42	98	1257192	41.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.26%	
62) 4-Bromofluorobenzene	13.56	95	543520	39.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.42%	

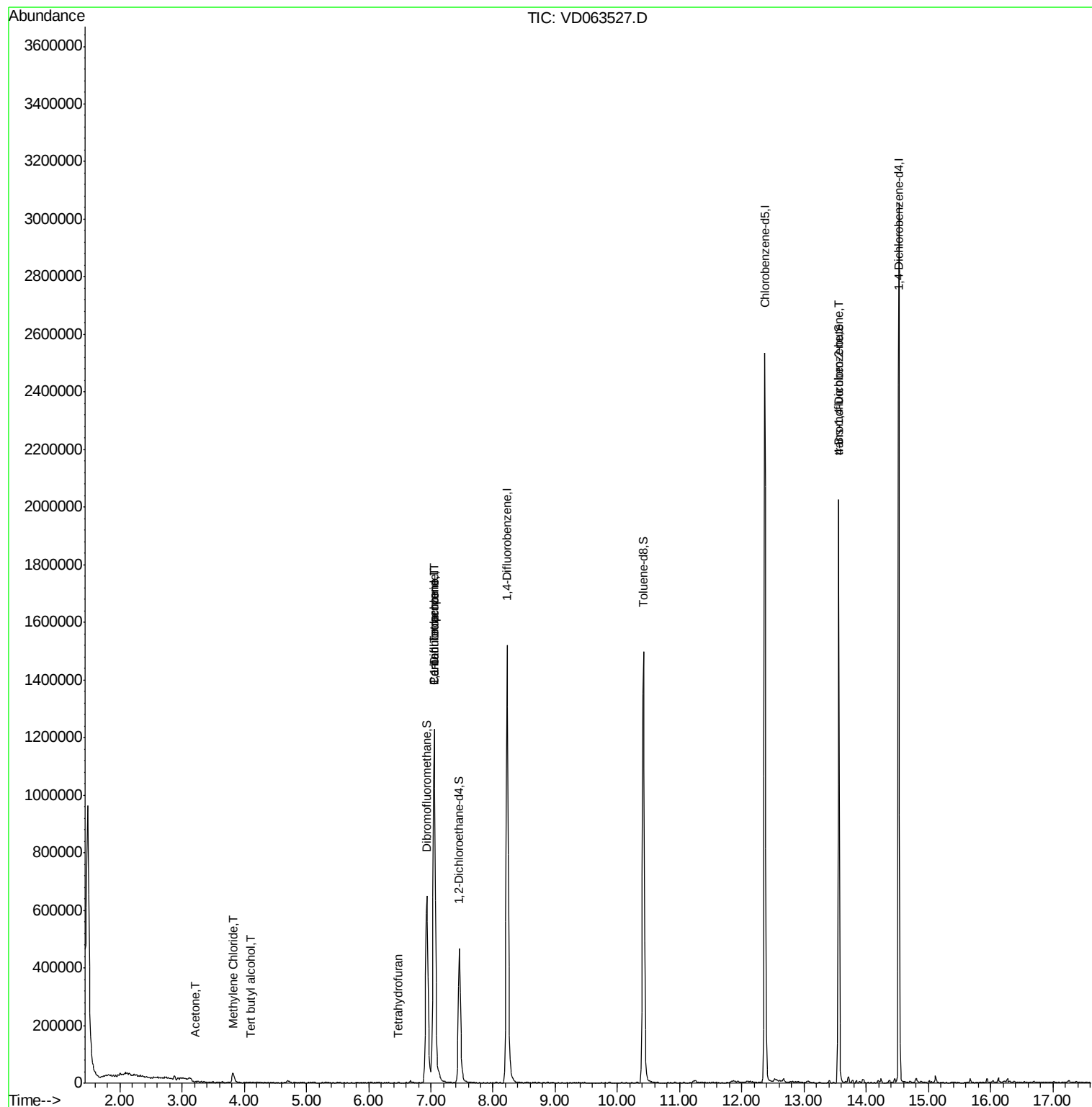
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.10	59	803	1.464	ug/l #	71
16) Acetone	3.22	43	3493	1.363	ug/l #	65
20) Methylene Chloride	3.81	84	21449	1.936	ug/l	96
29) Tetrahydrofuran	6.47	42	1239	1.051	ug/l #	35
36) 1,1-Dichloropropene	7.05	75	87394	6.062	ug/l #	48
38) Carbon Tetrachloride	7.04	117	121064	5.572	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	238202	112.245	ug/l #	1

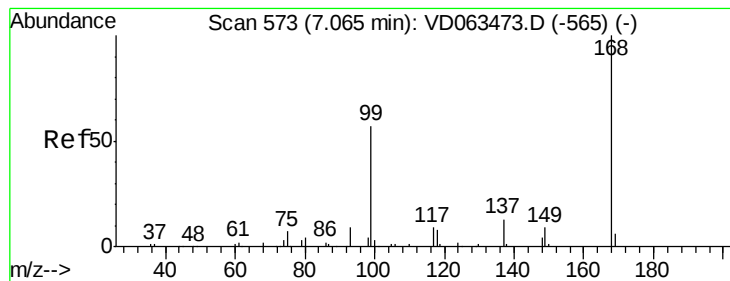
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063527.D
Acq On : 13 Aug 2019 15:15
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Misc : 4.75g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:28:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

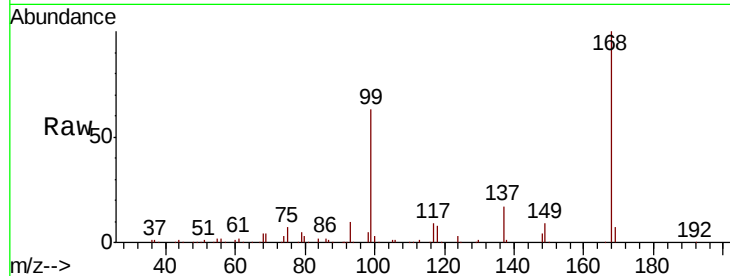
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1179135

Ion Ratio Lower Upper

168 100

99 62.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

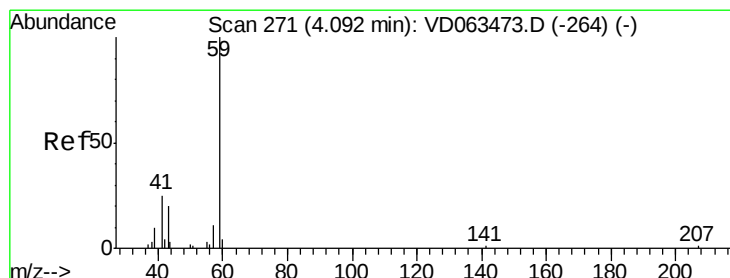
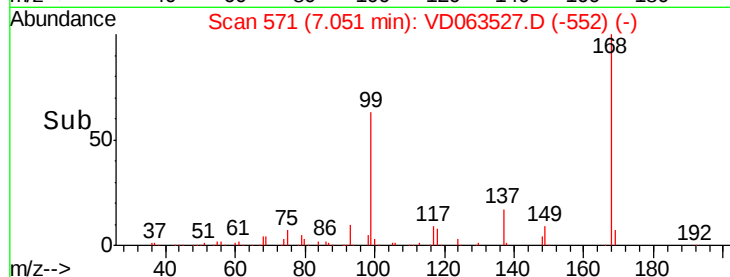
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#11

Tert butyl alcohol

Concen: 1.464 ug/l

RT: 4.10 min Scan# 271

Delta R.T. 0.01 min

Lab File: VD063527.D

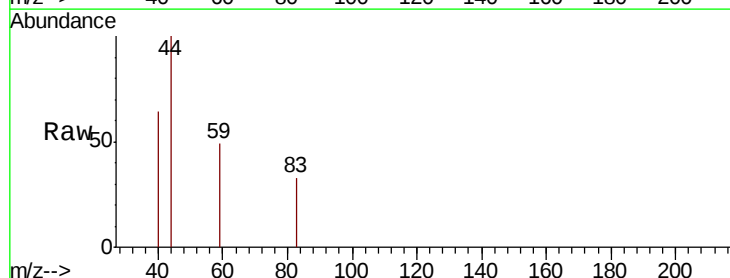
Acq: 13 Aug 2019 15:15

Tgt Ion: 59 Resp: 803

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.10

600

500

400

300

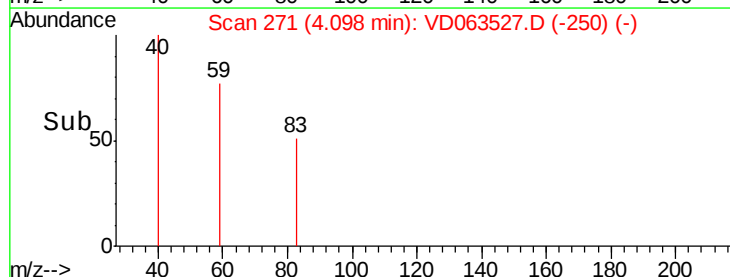
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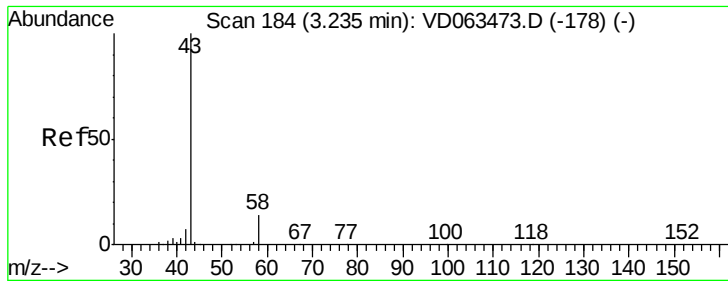
100

0

4.05 4.10

Time-->

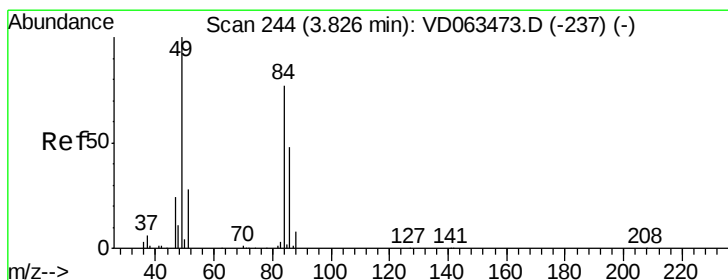
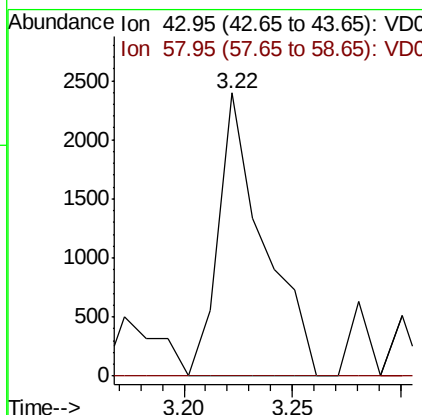
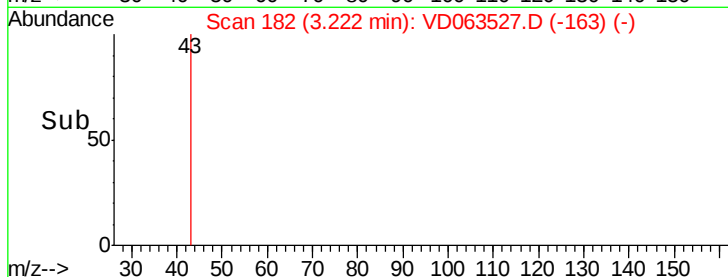
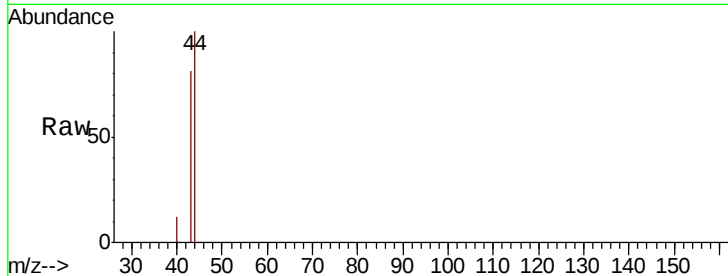




#16
Acetone
Concen: 1.363 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

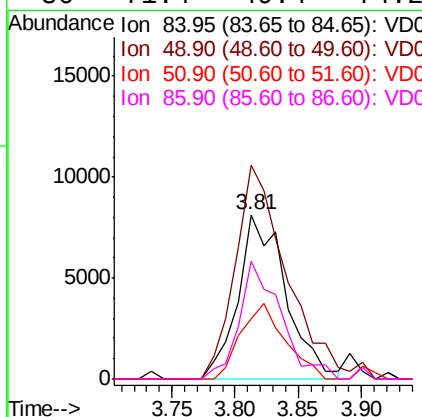
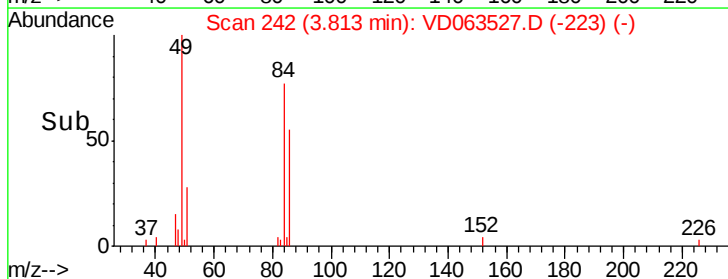
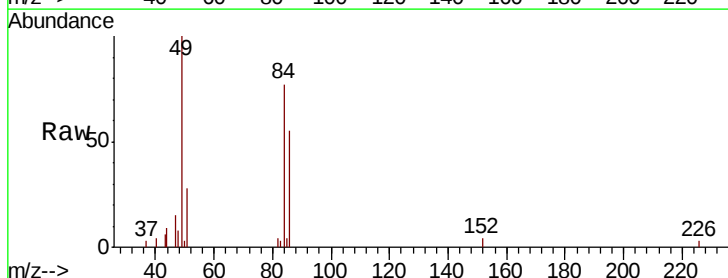
Instrument :
MSVOA_D
ClientSampled :

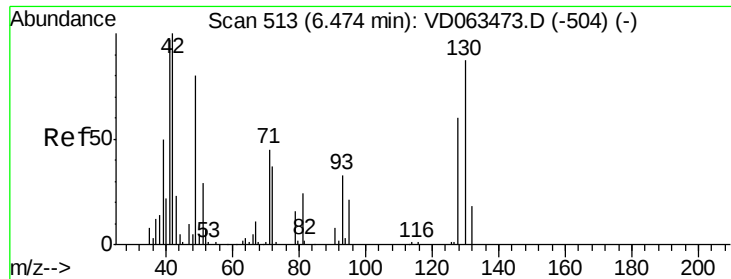
Tot Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
58 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: 1.936 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Tgt Ion: 84 Resp: 21449
Ion Ratio Lower Upper
84 100
49 129.8 103.4 155.2
51 36.2 28.5 42.7
86 71.4 49.4 74.2

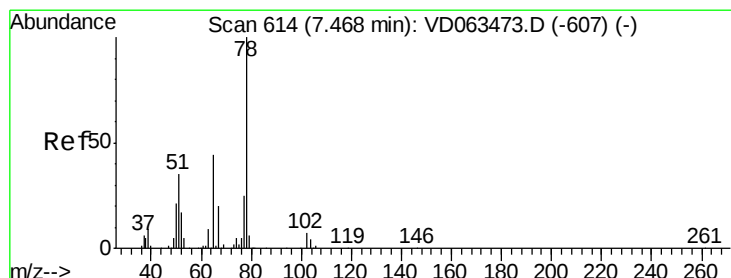
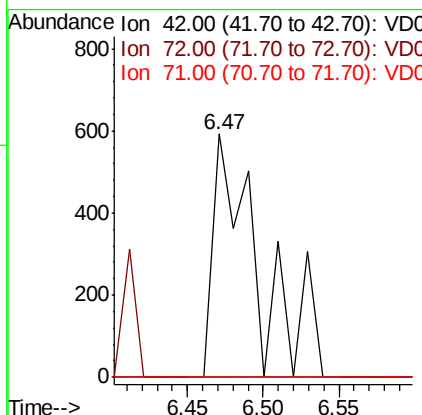
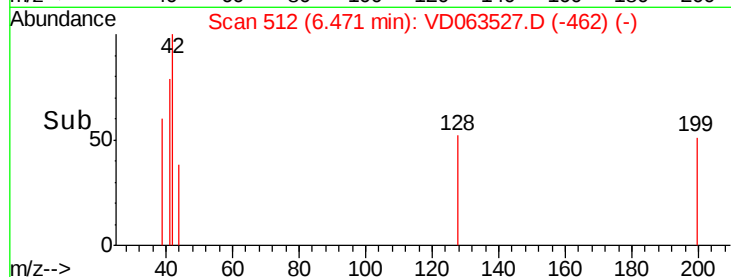
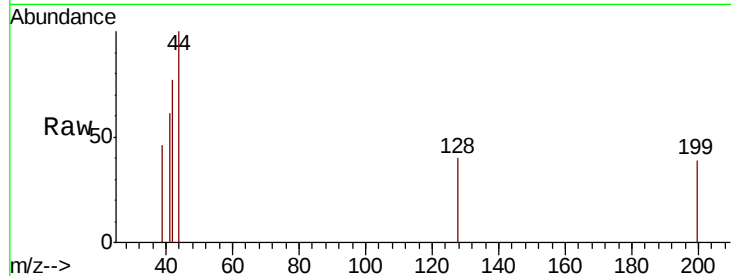




#29
Tetrahydrofuran
Concen: 1.051 ug/l
RT: 6.47 min Scan# 512
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

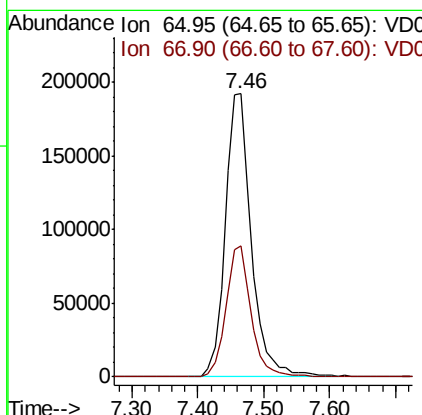
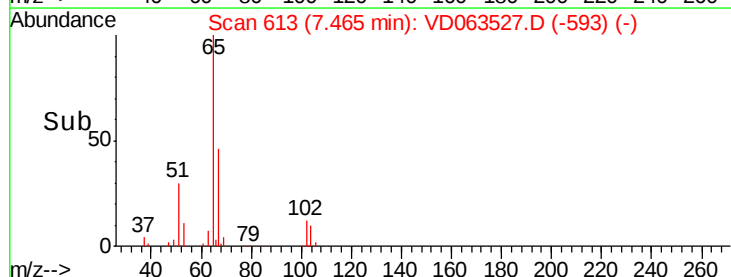
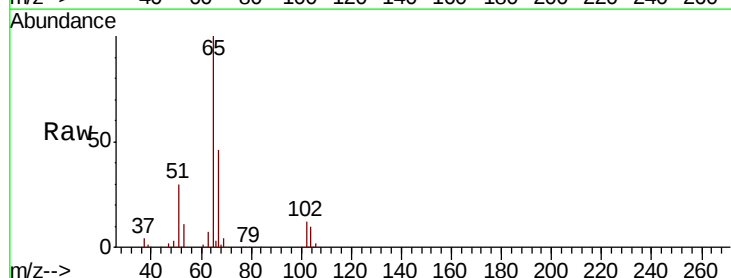
Instrument :
MSVOA_D
ClientSampleId :

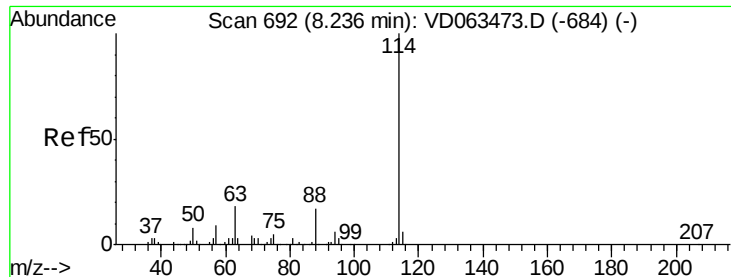
Tot Ion: 42 Resp: 1239
Ion Ratio Lower Upper
42 100
72 0.0 31.5 47.3#
71 0.0 33.8 50.8#



#33
1,2-Dichloroethane-d4
Concen: 42.142 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Tgt Ion: 65 Resp: 531158
Ion Ratio Lower Upper
65 100
67 46.3 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

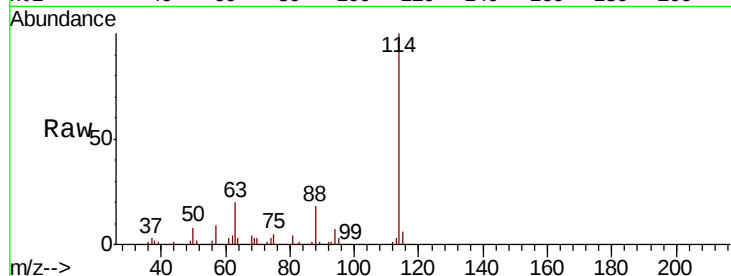
Tot Ion:114 Resp: 1630757

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

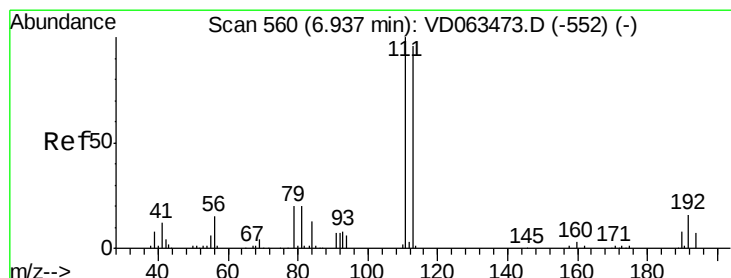
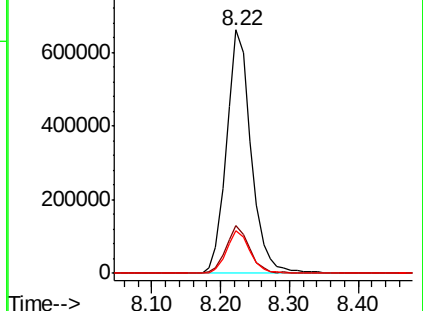
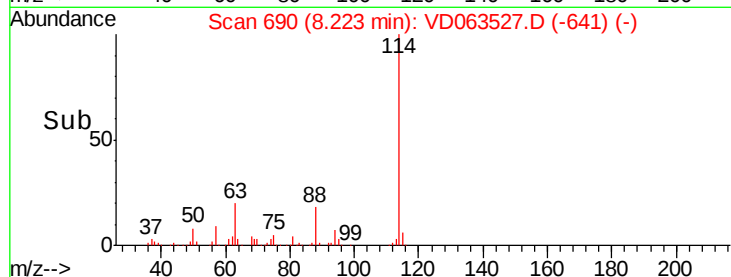
88 17.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 43.111 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

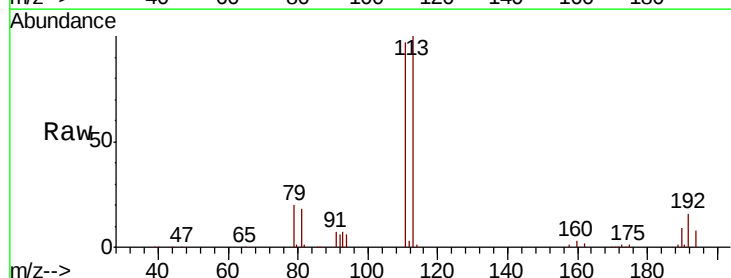
Tgt Ion:113 Resp: 592097

Ion Ratio Lower Upper

113 100

111 97.5 83.1 124.7

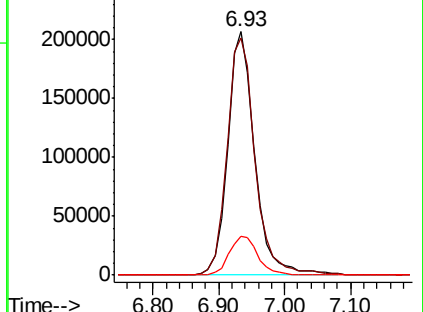
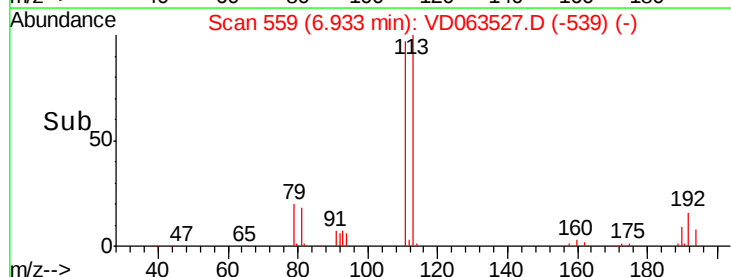
192 16.1 13.1 19.7

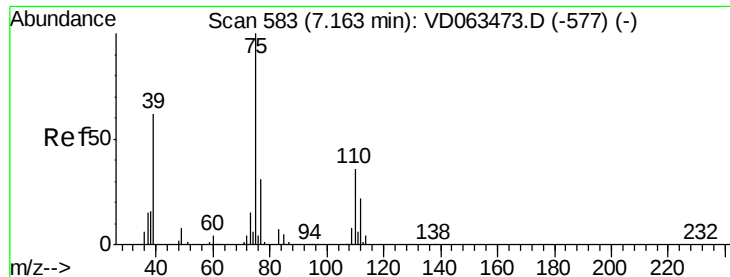


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.062 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.11 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

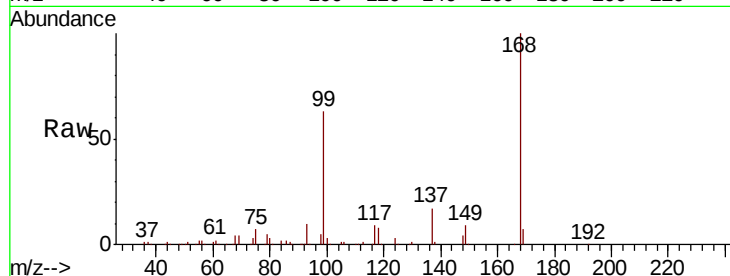
Tot Ion: 75 Resp: 87394

Ion Ratio Lower Upper

75 100

110 6.4 17.6 52.8#

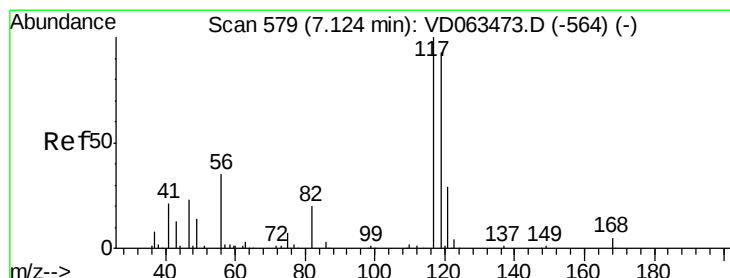
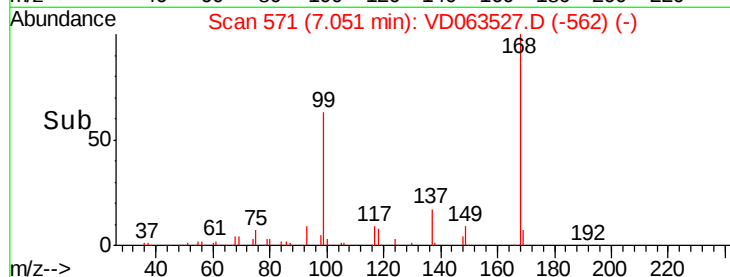
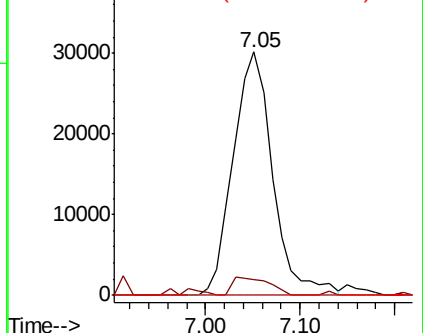
77 0.0 24.3 36.5#



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: 5.572 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

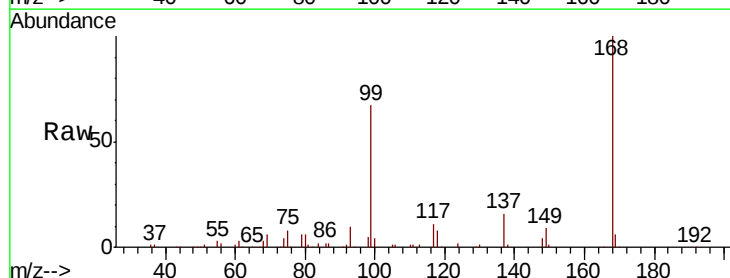
Tgt Ion: 117 Resp: 121064

Ion Ratio Lower Upper

117 100

119 3.5 74.2 111.2#

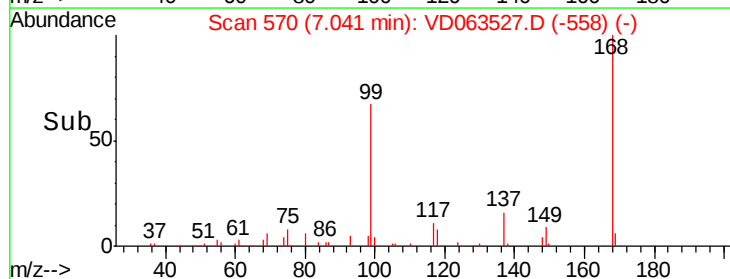
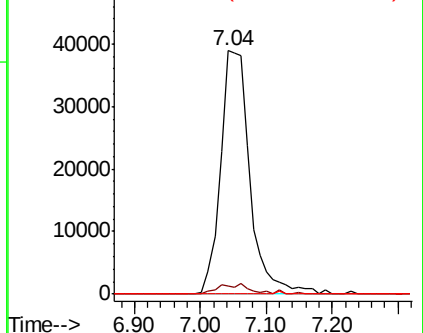
121 0.0 23.1 34.7#

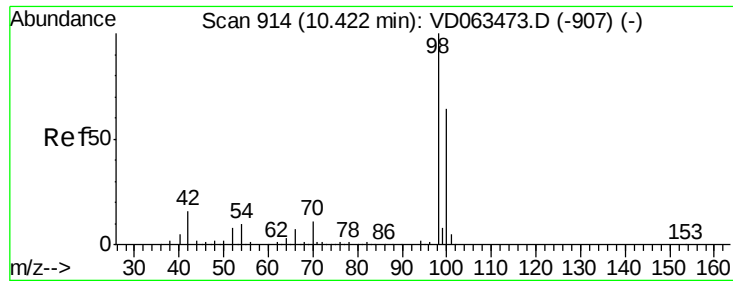


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

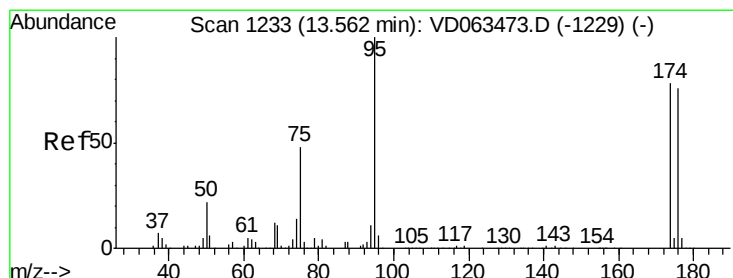
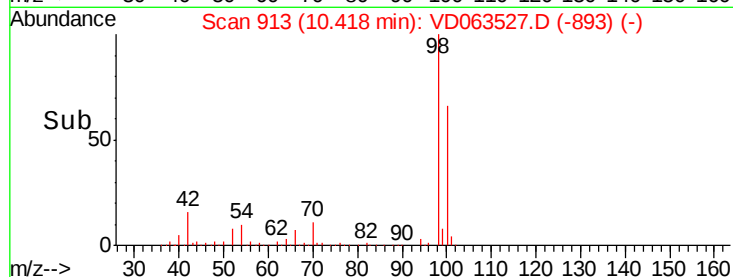
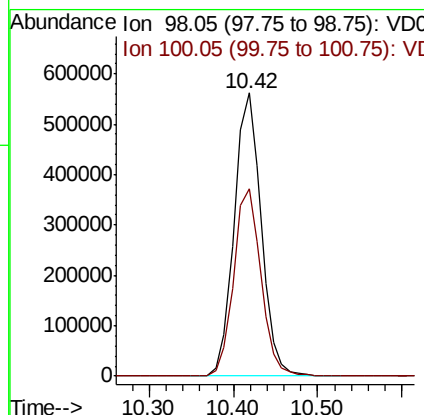
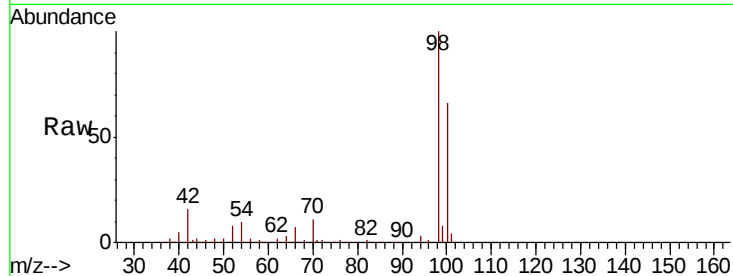




#50
Toluene-d8
Concen: 41.635 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

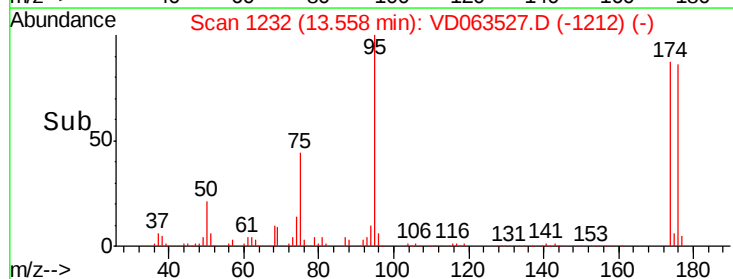
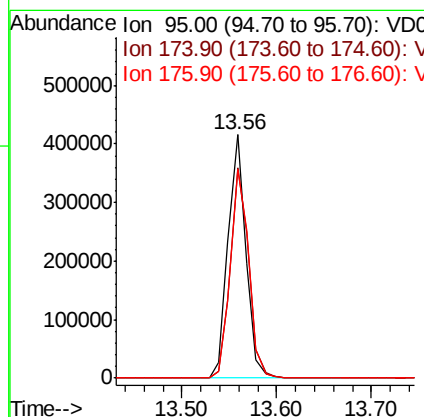
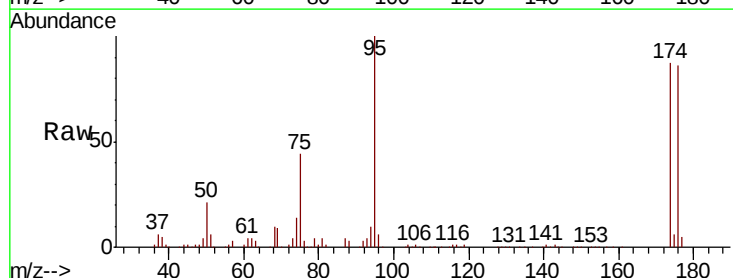
Instrument :
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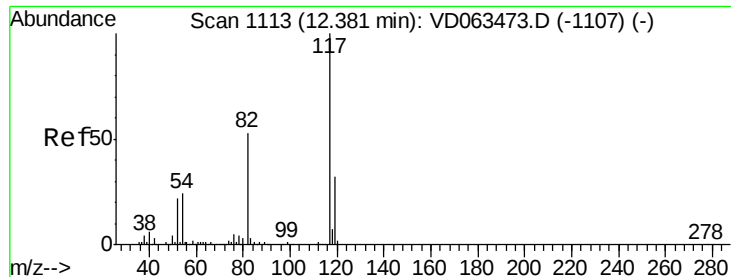
Tot Ion: 98 Resp: 1257192
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 39.714 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Tgt Ion: 95 Resp: 543520
Ion Ratio Lower Upper
95 100
174 86.5 0.0 155.4
176 86.1 0.0 152.4

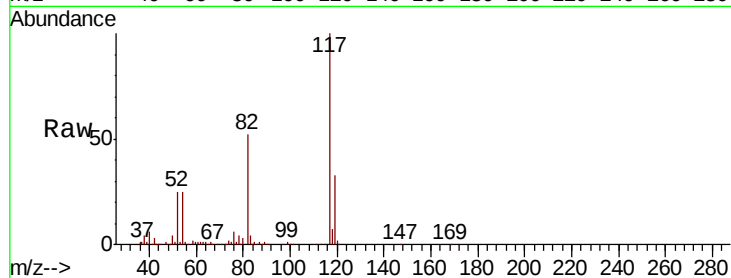




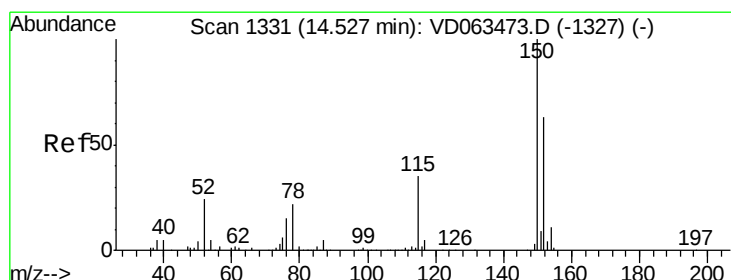
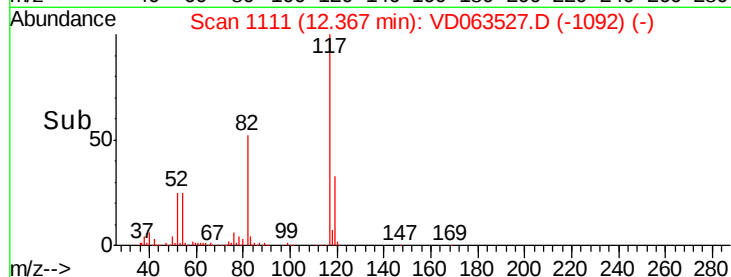
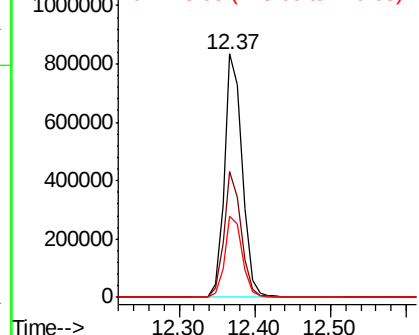
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1379157
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 33.1 25.4 38.0

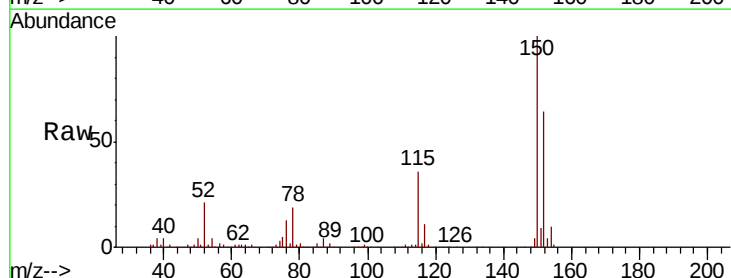


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

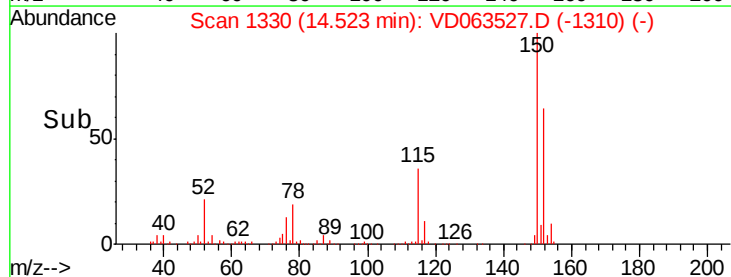
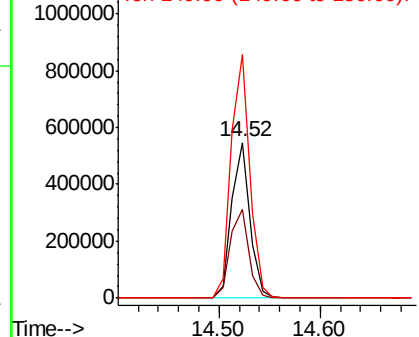


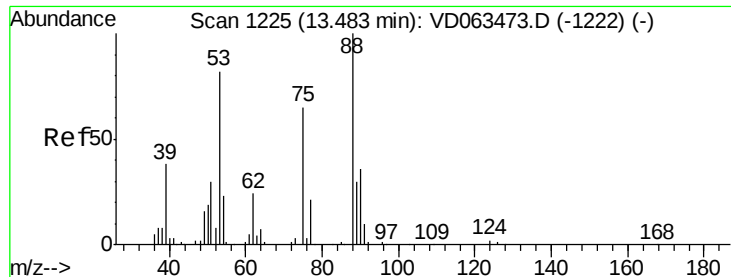
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Tgt Ion:152 Resp: 687979
Ion Ratio Lower Upper
152 100
115 57.0 30.9 92.7
150 156.6 0.0 318.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 112.245 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

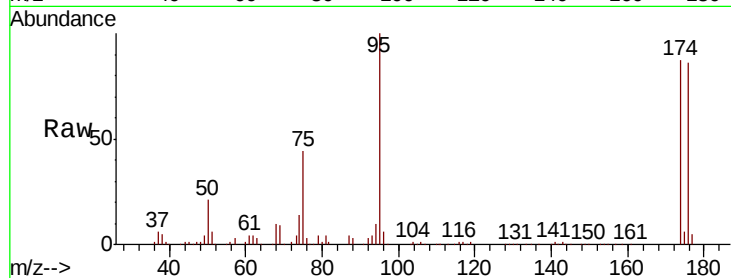
Tot Ion: 75 Resp: 238202

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

