

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064370.D
 Acq On : 25 Nov 2019 19:51
 Operator : VA/SY
 Sample : K6021-05
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 26 05:37:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

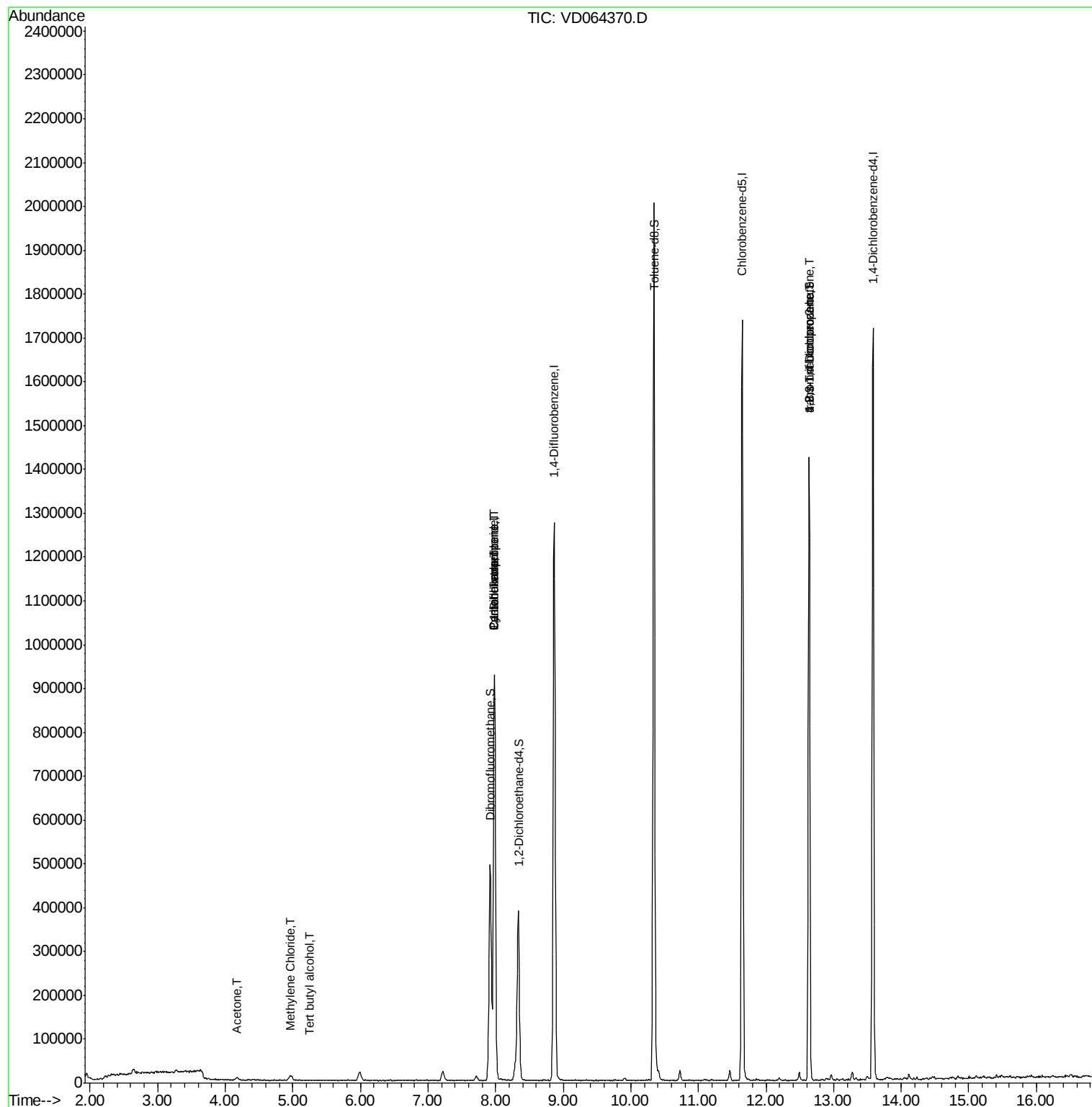
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	757381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1149385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1009202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	477812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	305774	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.92	113	344050	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	10.34	98	1349074	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.64	95	423498	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	458	1.053	ug/l #	69
16) Acetone	4.17	43	10095	6.841	ug/l #	81
20) Methylene Chloride	4.97	84	8590	1.152	ug/l #	76
31) Cyclohexane	7.98	56	14004	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	50627	4.773	ug/l #	49
38) Carbon Tetrachloride	7.98	117	69686	6.139	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	220732	57.353	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	220732	113.926	ug/l #	10

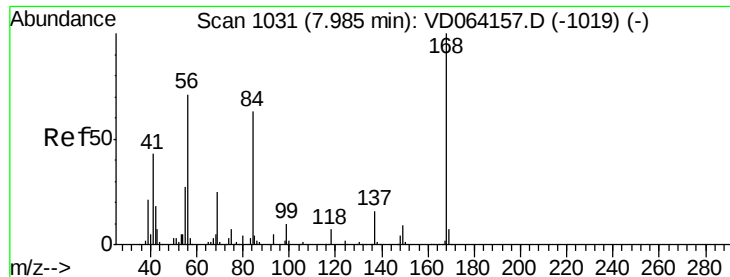
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112519\
Data File : VD064370.D
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Quant Time: Nov 26 05:37:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

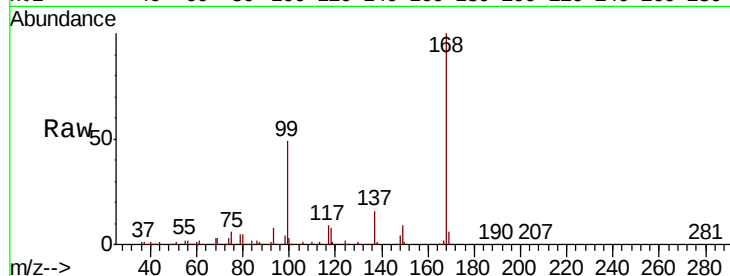
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 757381

Ion Ratio Lower Upper

168 100

99 48.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

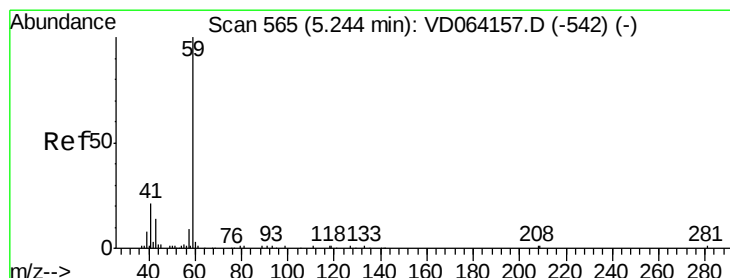
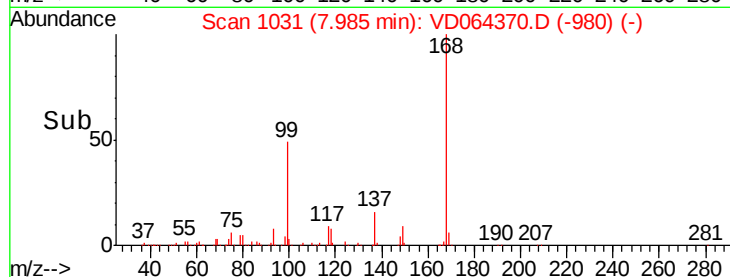
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.053 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.00 min

Lab File: VD064370.D

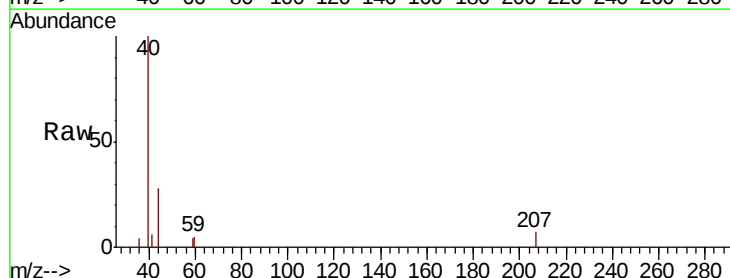
Acq: 25 Nov 2019 19:51

Tgt Ion: 59 Resp: 458

Ion Ratio Lower Upper

59 100

57 0.0 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.24

400

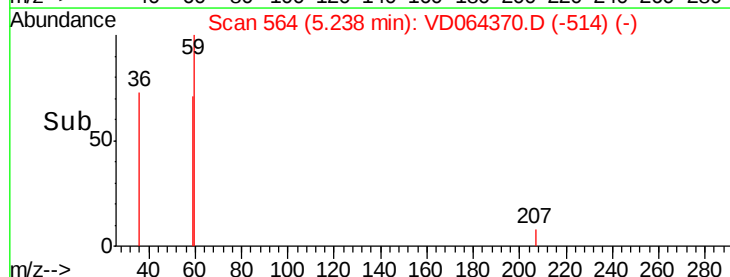
300

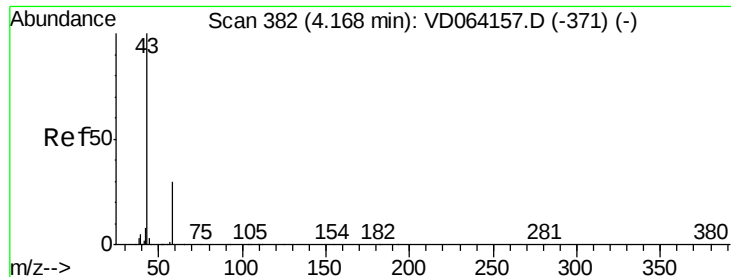
200

100

0

Time-->





#16

Acetone

Concen: 6.841 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_D

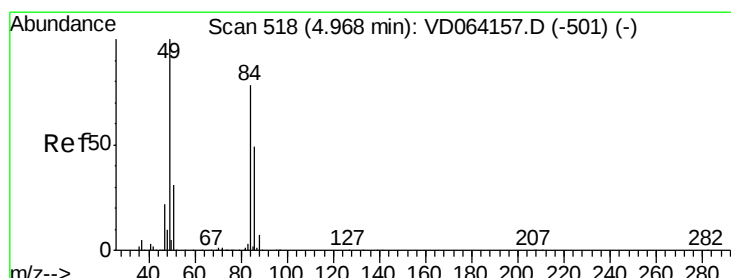
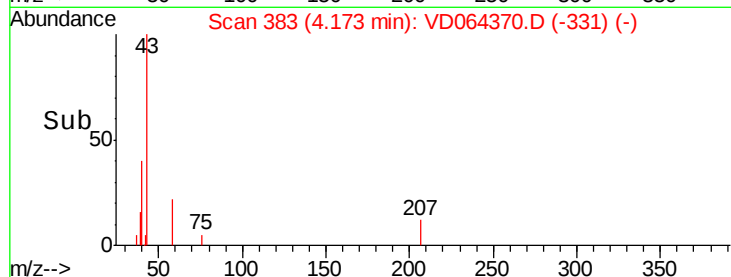
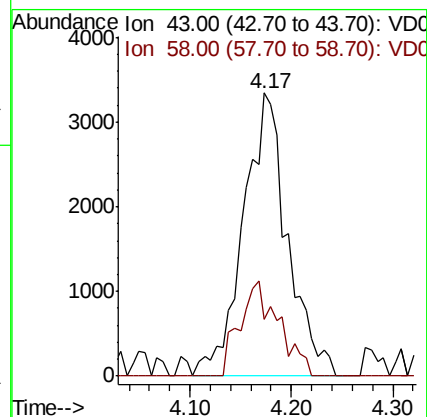
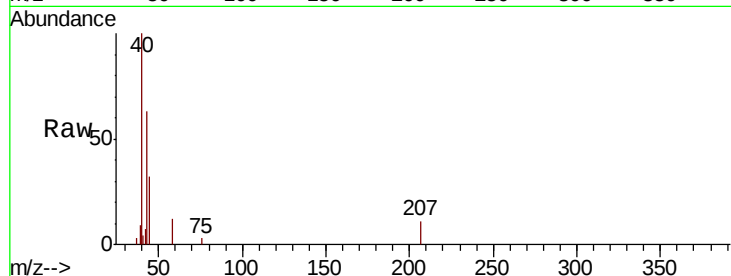
ClientSampleId :

Tot Ion: 43 Resp: 10095

Ion Ratio Lower Upper

43 100

58 20.0 24.1 36.1#



#20

Methylene Chloride

Concen: 1.152 ug/l

RT: 4.97 min Scan# 518

Delta R.T. -0.00 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

Tgt Ion: 84 Resp: 8590

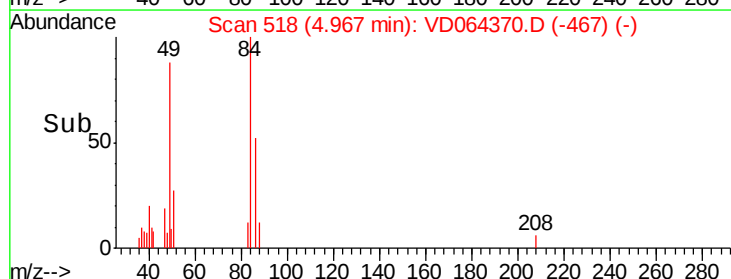
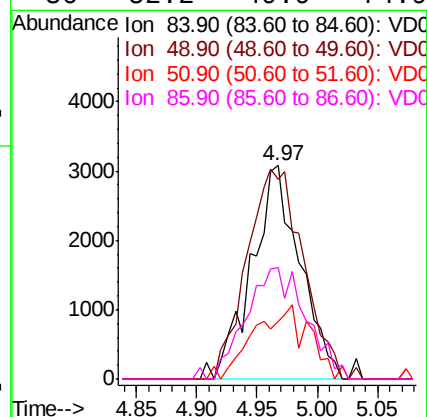
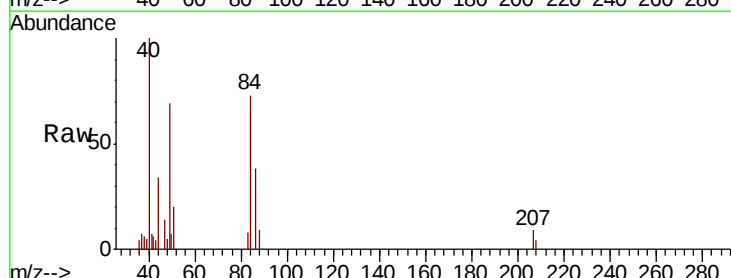
Ion Ratio Lower Upper

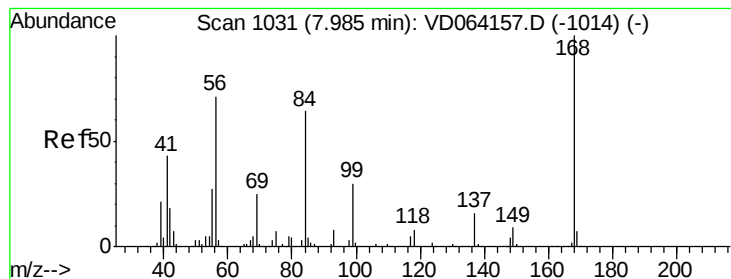
84 100

49 93.6 102.1 153.1#

51 26.9 32.2 48.2#

86 52.2 49.9 74.9





#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_D

ClientSampleId :

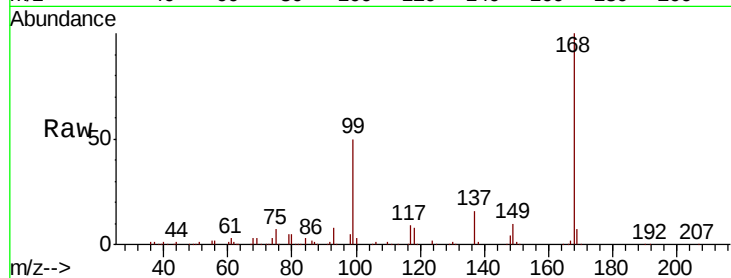
Tot Ion: 56 Resp: 14004

Ion Ratio Lower Upper

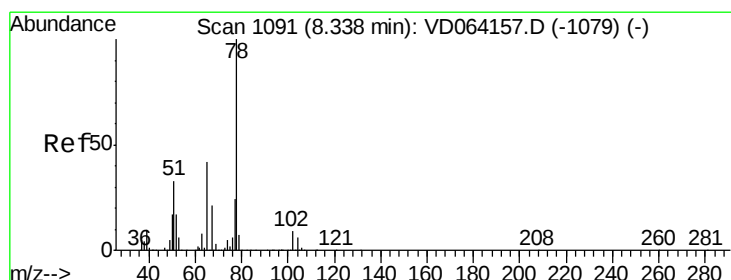
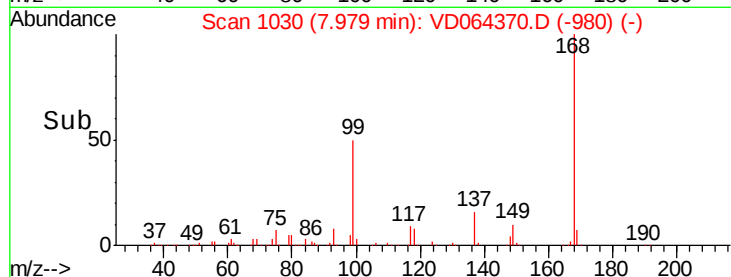
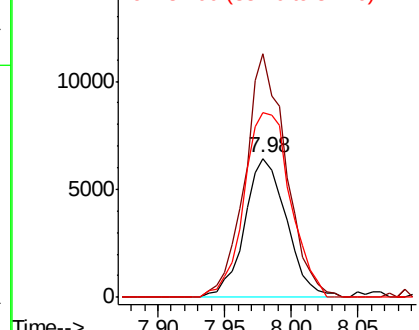
56 100

69 175.4 28.2 42.4#

84 133.4 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.089 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064370.D

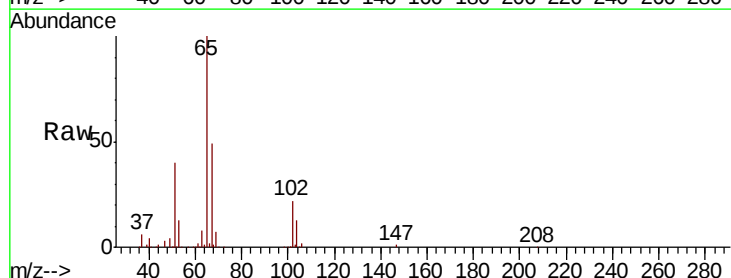
Acq: 25 Nov 2019 19:51

Tgt Ion: 65 Resp: 305774

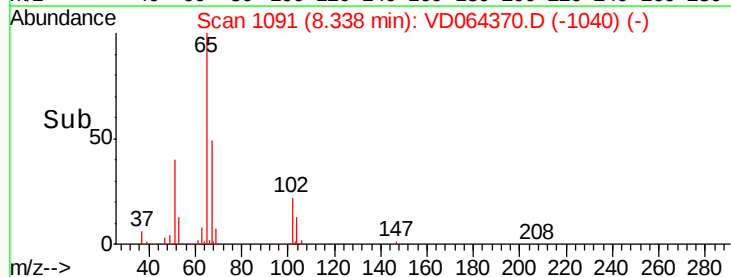
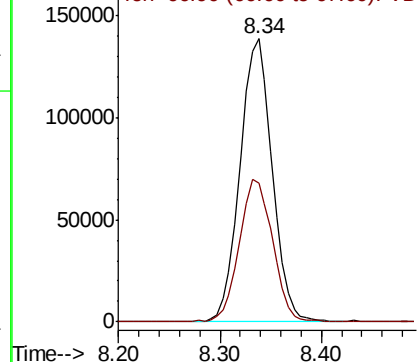
Ion Ratio Lower Upper

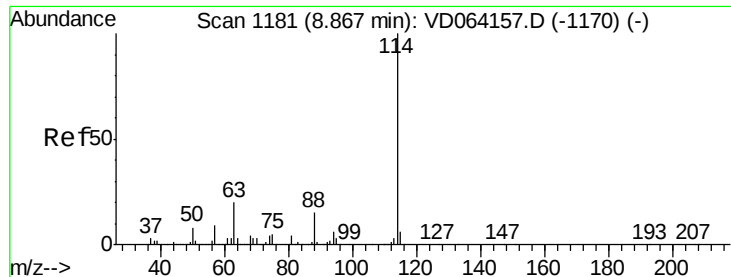
65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

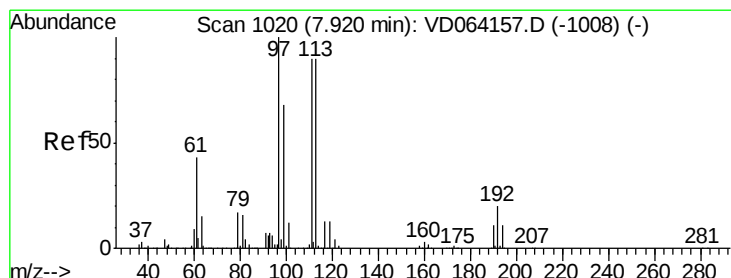
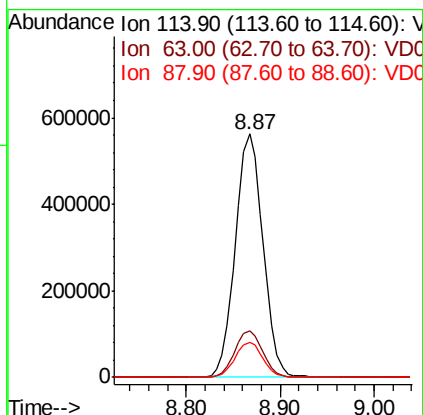
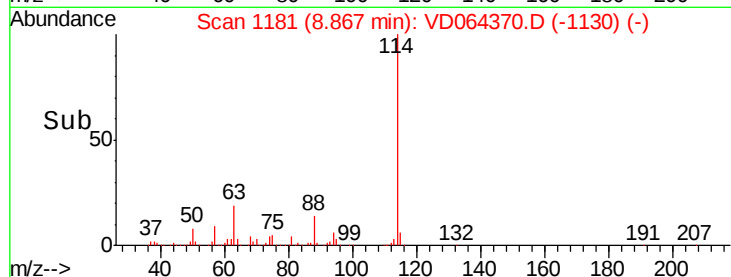
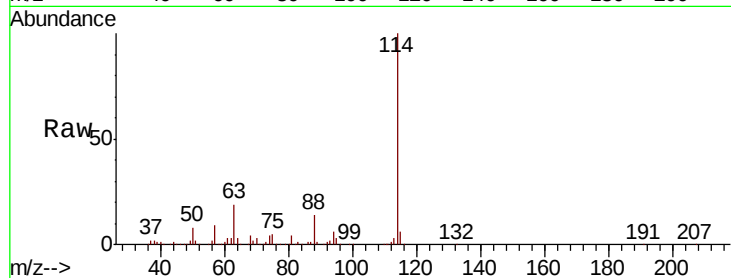




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

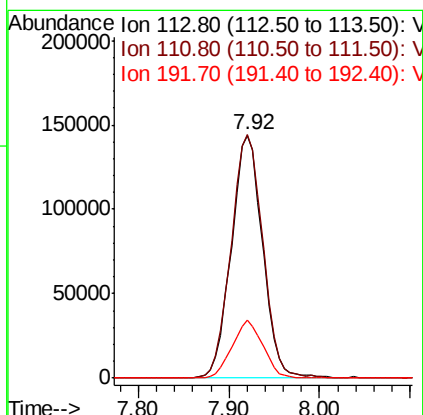
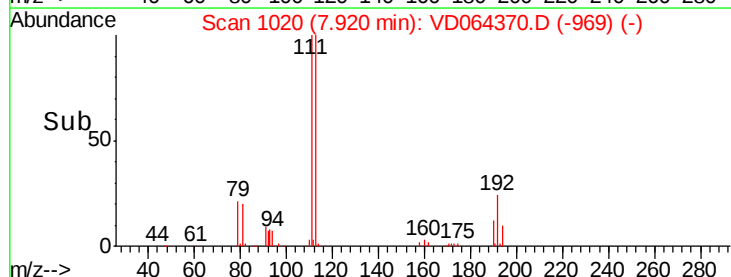
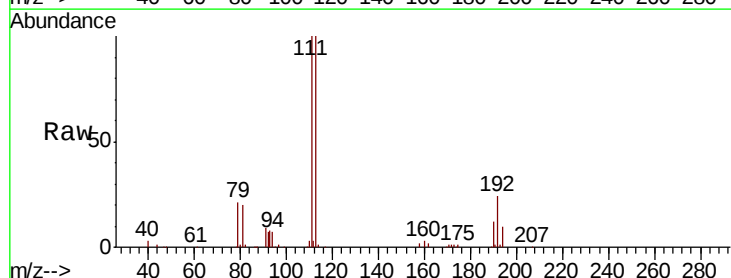
Instrument :
MSVOA_D
ClientSampleId :

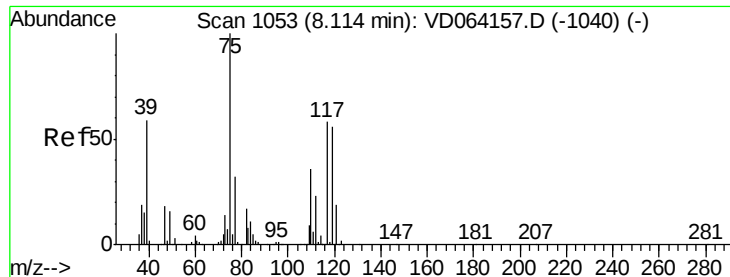
Tot Ion:114 Resp: 1149385
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 14.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.147 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

Tgt Ion:113 Resp: 344050
Ion Ratio Lower Upper
113 100
111 102.4 81.5 122.3
192 23.5 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.773 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_D

ClientSampleId :

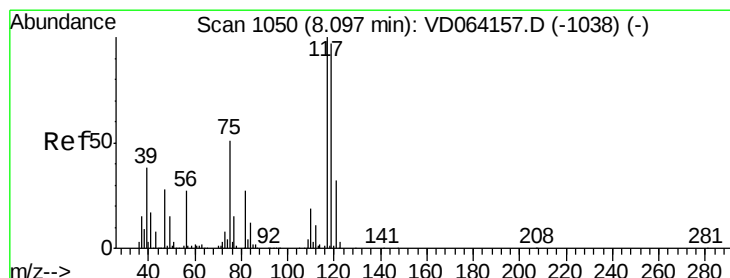
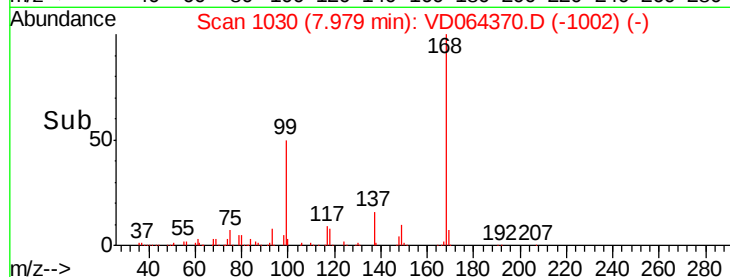
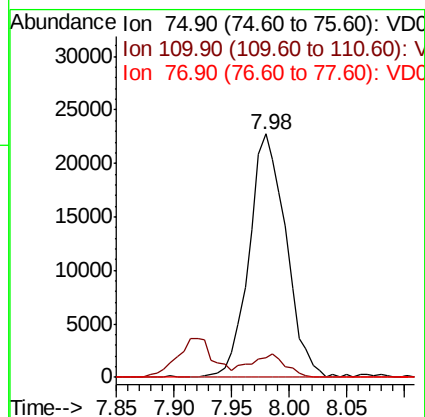
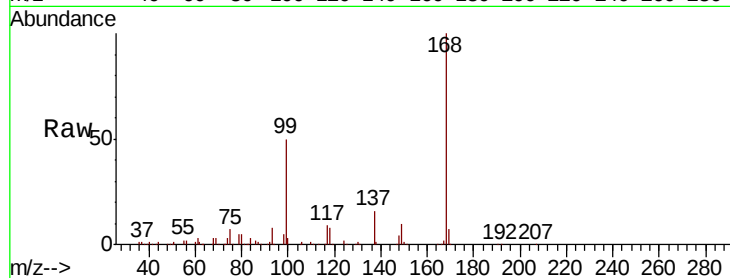
Tot Ion: 75 Resp: 50627

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.9#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 6.139 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

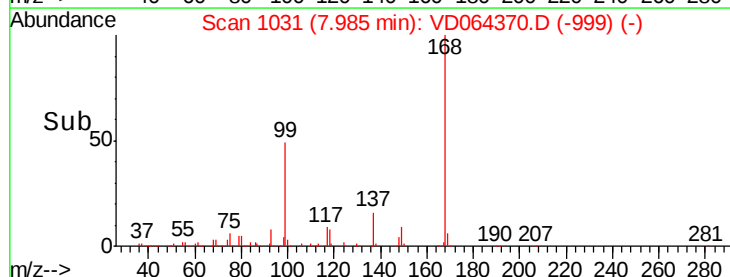
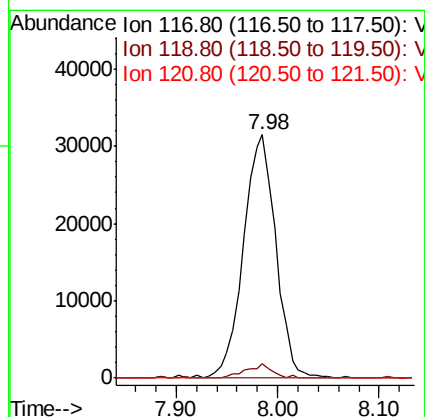
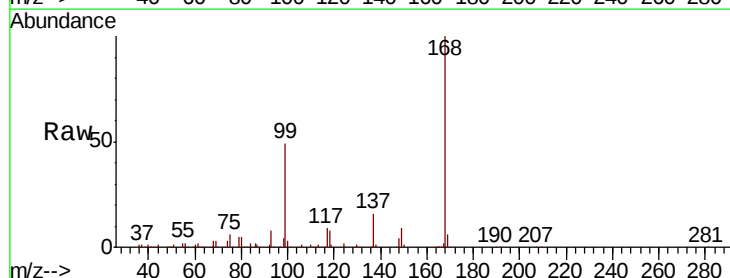
Tgt Ion: 117 Resp: 69686

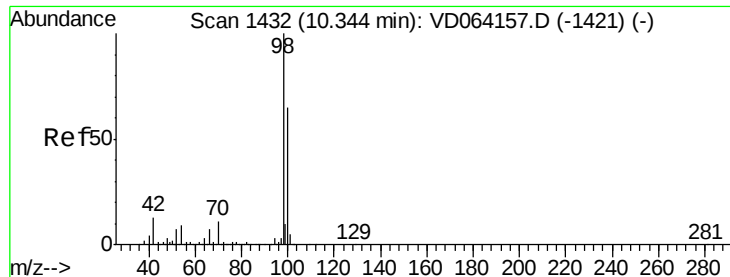
Ion Ratio Lower Upper

117 100

119 5.9 77.2 115.8#

121 0.0 25.5 38.3#

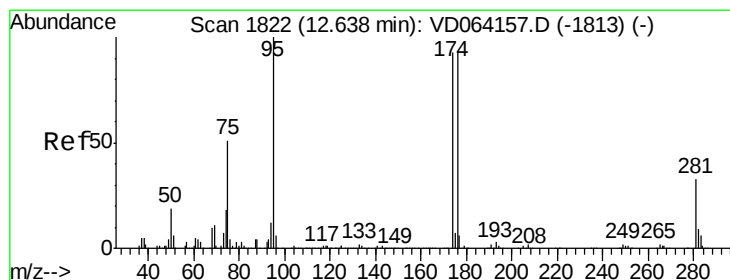
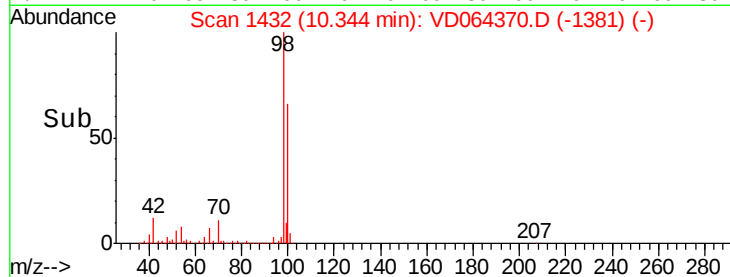
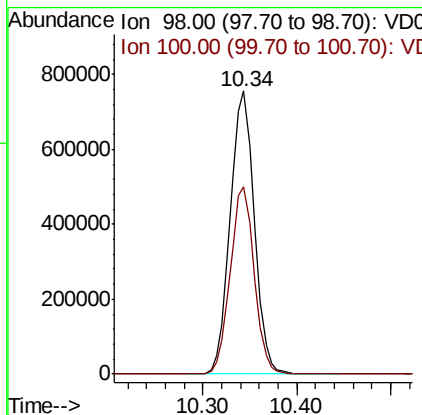
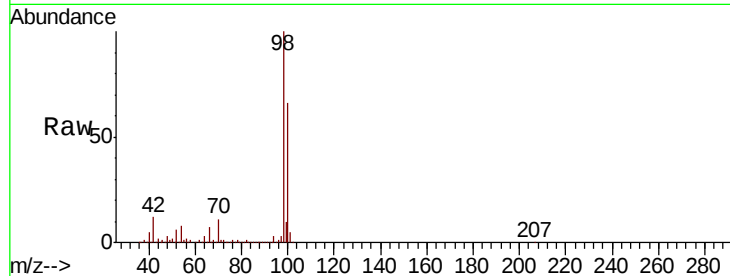




#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

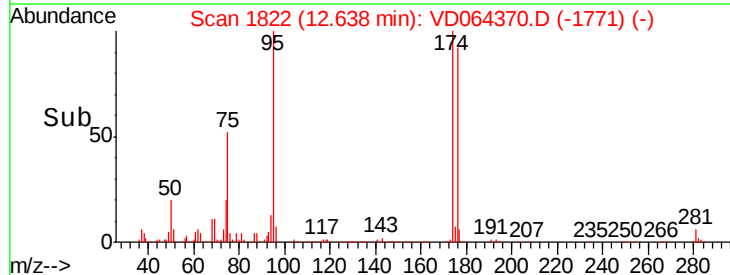
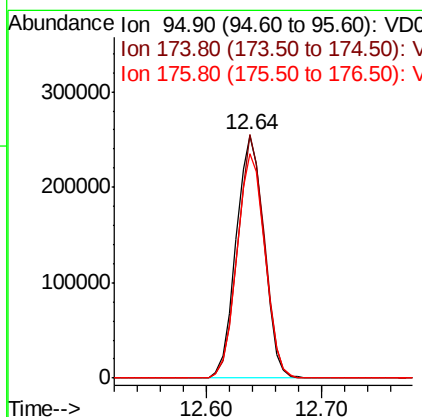
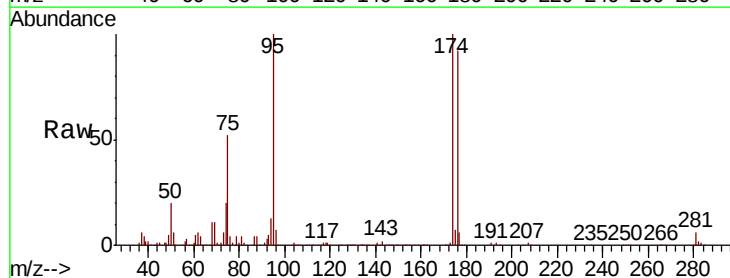
Instrument :
MSVOA_D
ClientSampled :

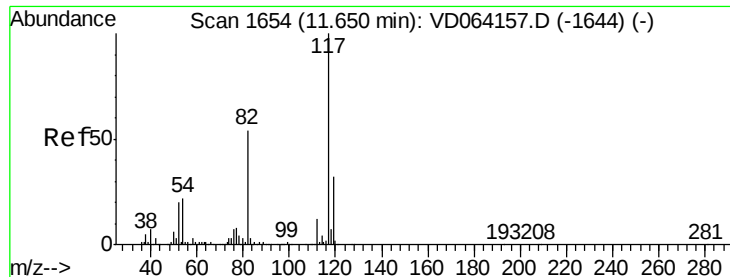
Tot Ion: 98 Resp: 1349074
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.134 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

Tgt Ion: 95 Resp: 423498
Ion Ratio Lower Upper
95 100
174 96.4 0.0 183.6
176 93.0 0.0 180.2

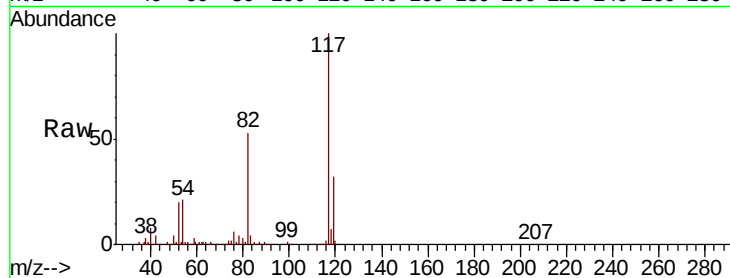




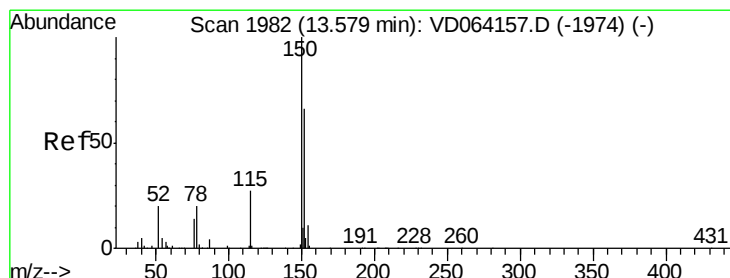
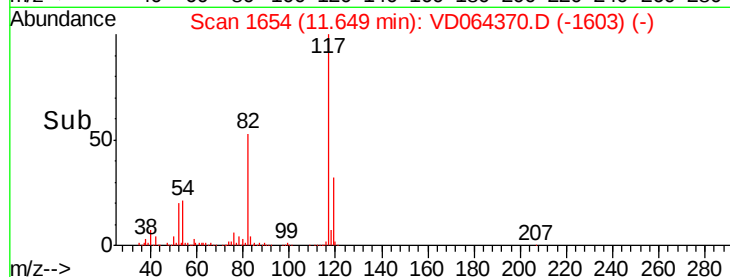
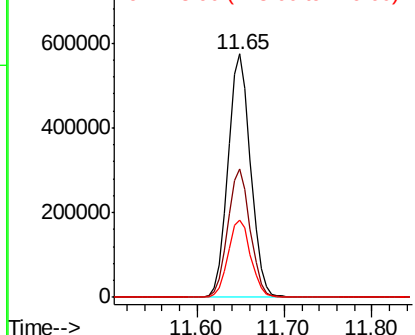
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1009202
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 31.9 25.6 38.4

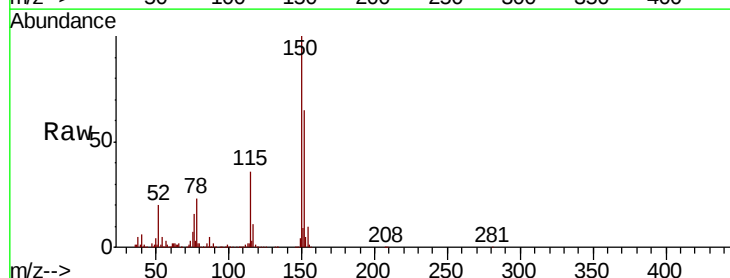


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

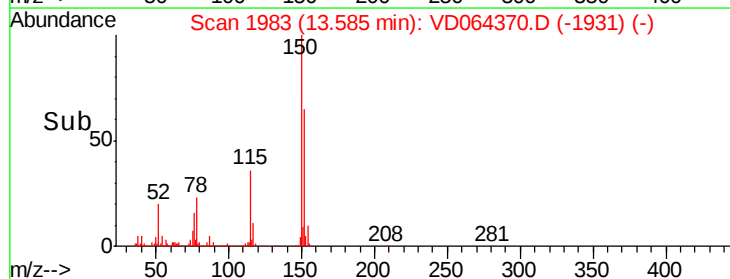
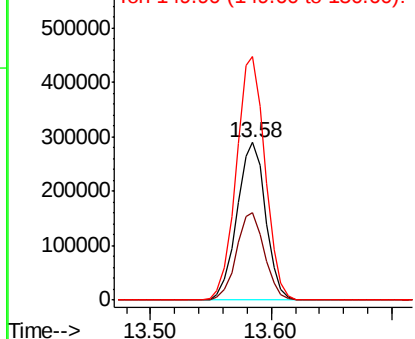


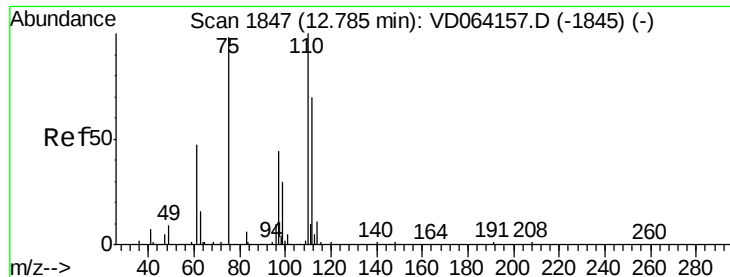
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064370.D
Acq: 25 Nov 2019 19:51

Tgt Ion:152 Resp: 477812
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 155.5 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 57.353 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_D

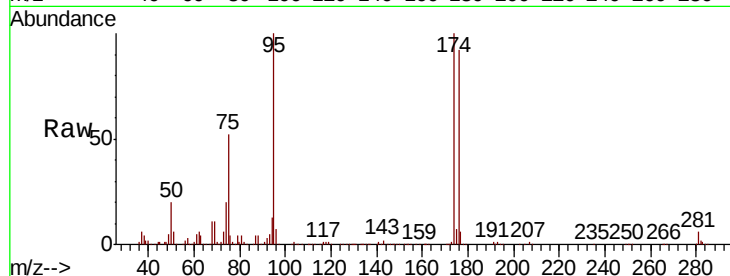
ClientSampleId :

Tot Ion: 75 Resp: 220732

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

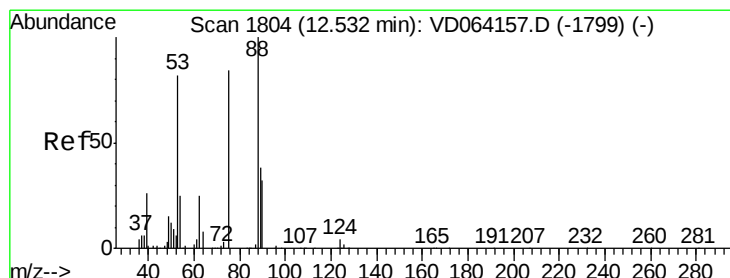
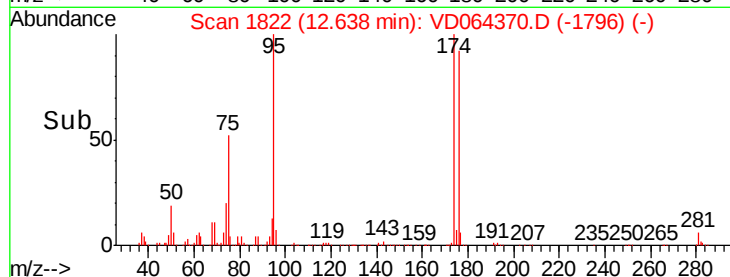
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 113.926 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064370.D

Acq: 25 Nov 2019 19:51

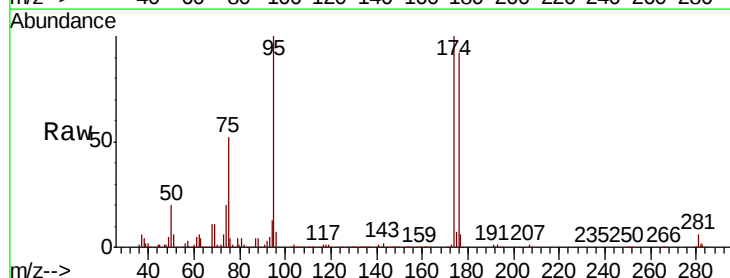
Tgt Ion: 75 Resp: 220732

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.64

150000

100000

50000

0

Time-->

