

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064292.D
 Acq On : 19 Nov 2019 16:22
 Operator : VA/SY
 Sample : K5927-01
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:27:20 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

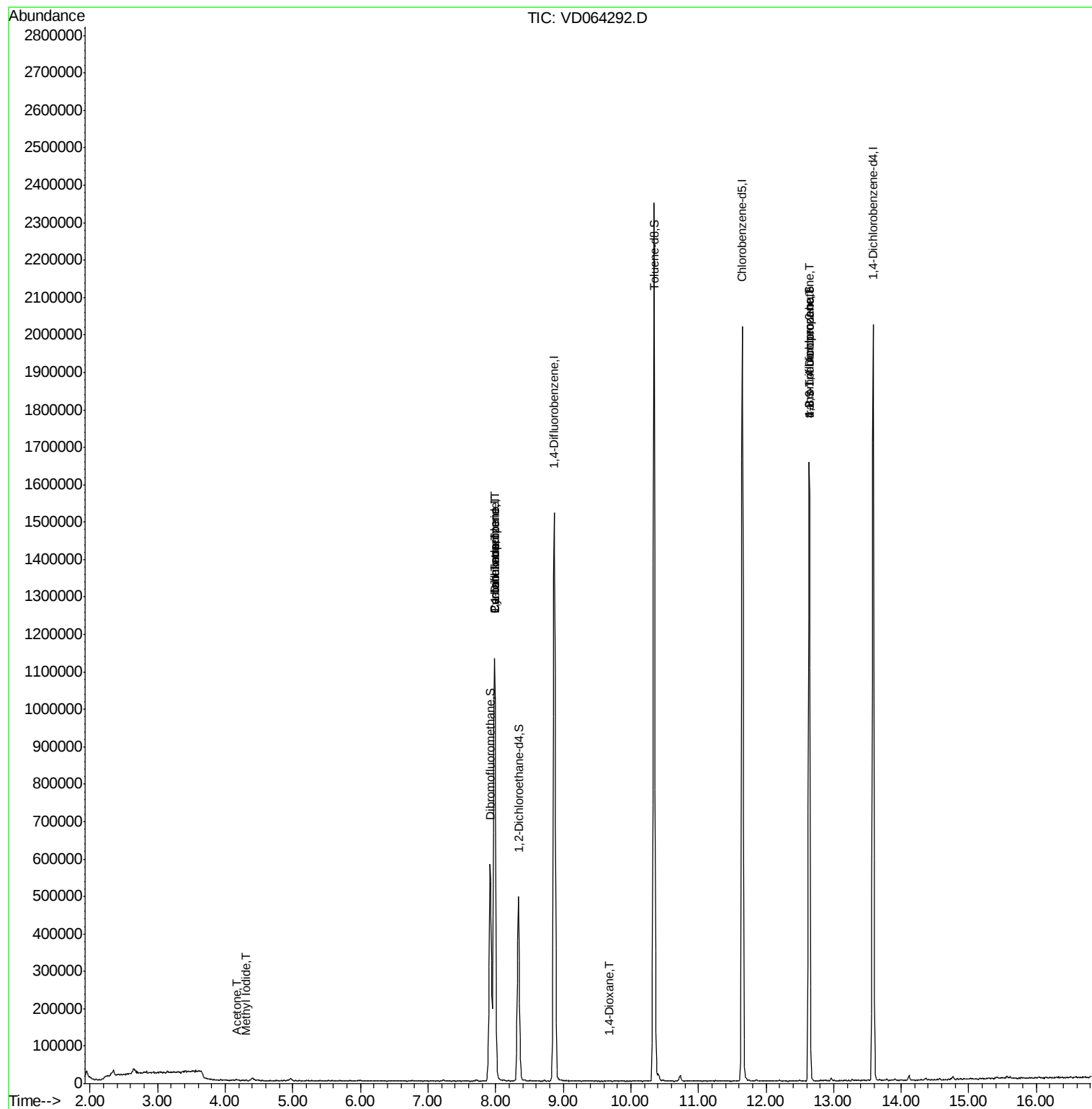
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	939014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1341746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1162306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	560878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	379793	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	7.92	113	398080	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.34	98	1575247	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.64	95	496631	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	164	2.048	ug/l #	81
16) Acetone	4.17	43	3200	1.749	ug/l	99
31) Cyclohexane	7.98	56	17326	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	60670	4.899	ug/l #	49
38) Carbon Tetrachloride	7.98	117	83118	6.273	ug/l #	16
49) 1,4-Dioxane	9.68	88	107	2.020	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	258214	57.156	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	258214	113.534	ug/l #	10

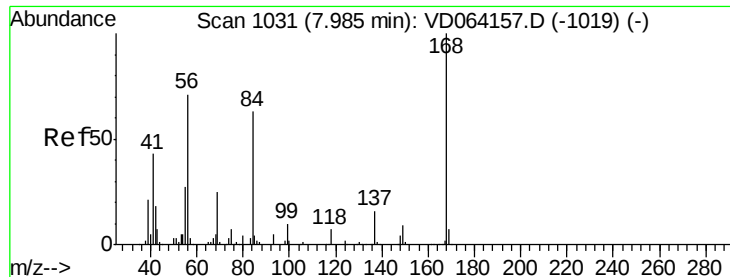
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
Data File : VD064292.D
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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# 1030

Delta R.T. -0.01 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

Instrument :

MSVOA_D

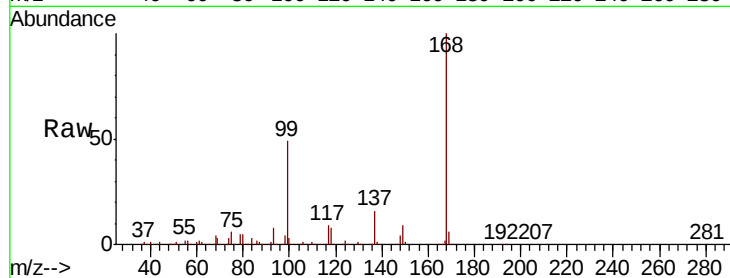
ClientSampleId :

Tot Ion:168 Resp: 939014

Ion Ratio Lower Upper

168 100

99 49.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

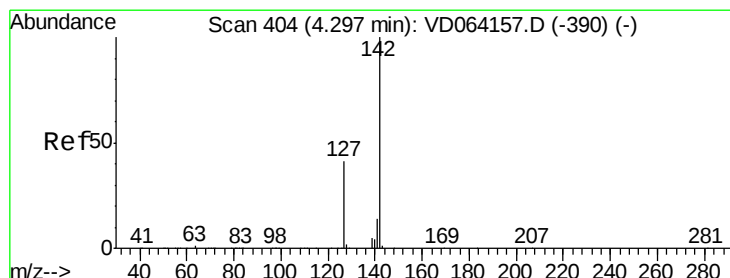
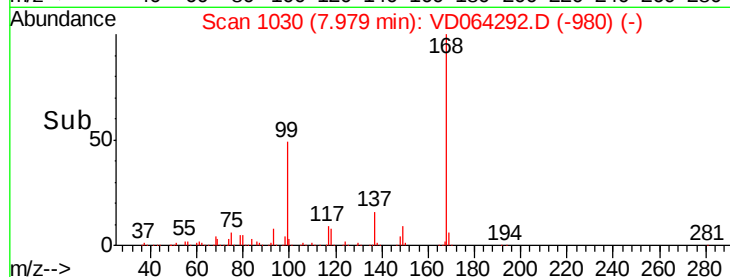
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.048 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

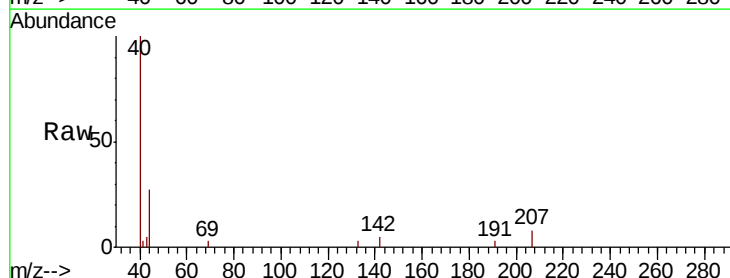
Tgt Ion:142 Resp: 164

Ion Ratio Lower Upper

142 100

127 34.1 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

400

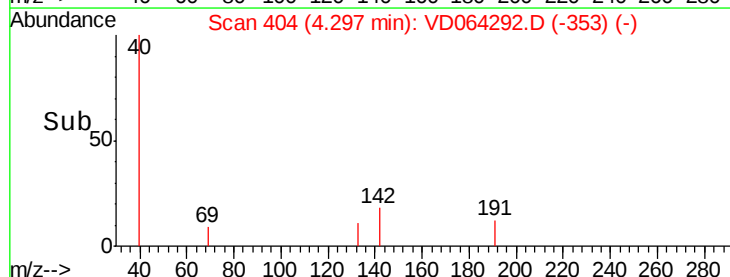
300

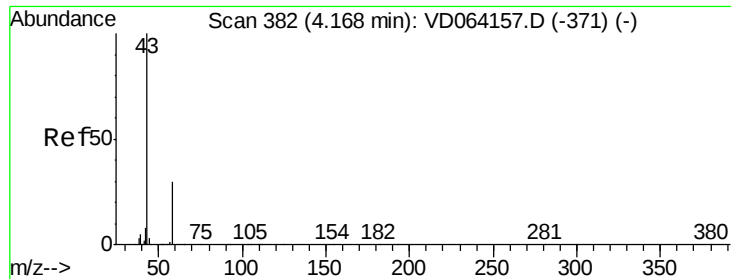
200

100

0

Time-->





#16

Acetone

Concen: 1.749 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

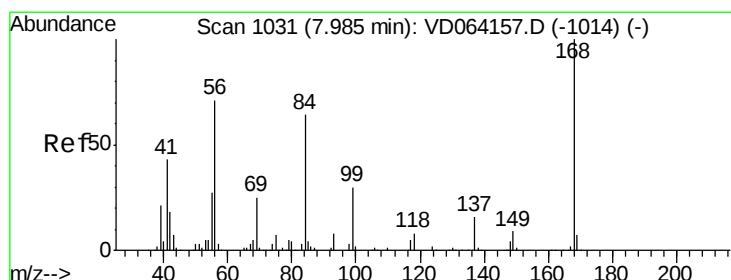
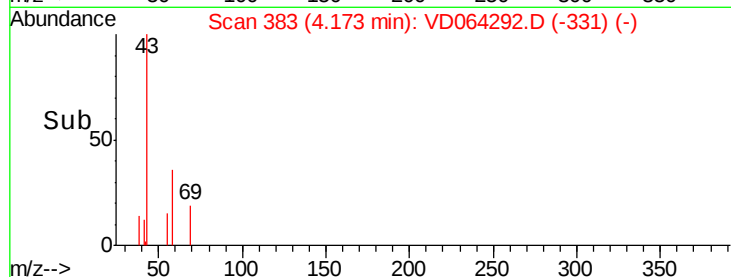
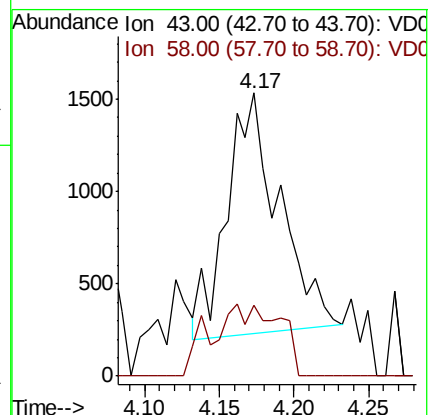
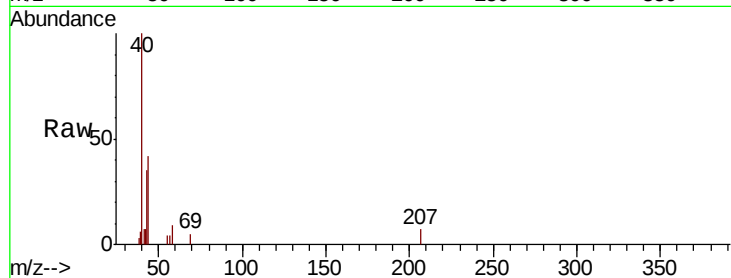
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 3200

Ion Ratio Lower Upper

43 100

58 30.8 24.1 36.1



#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

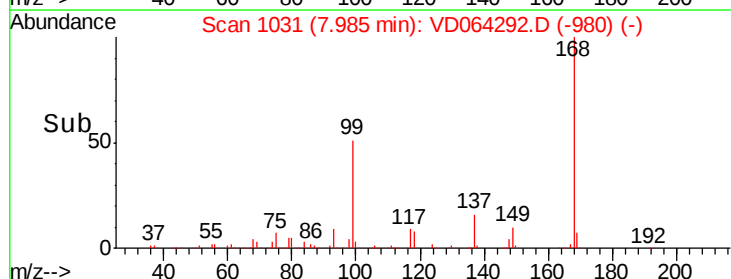
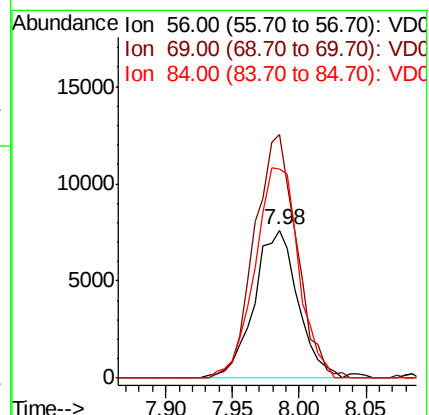
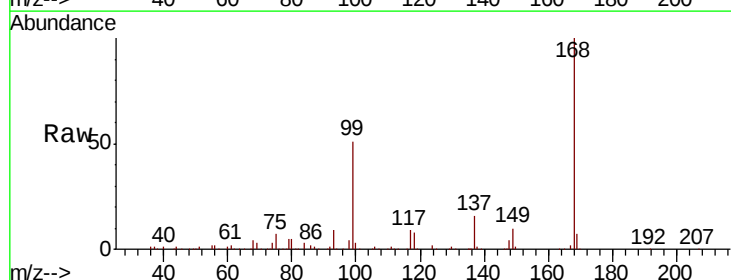
Tgt Ion: 56 Resp: 17326

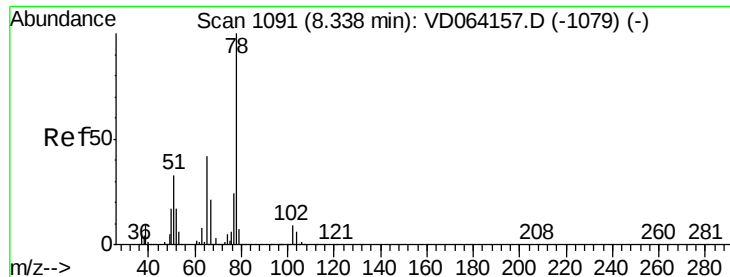
Ion Ratio Lower Upper

56 100

69 164.3 28.2 42.4#

84 141.4 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.178 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

Instrument :

MSVOA_D

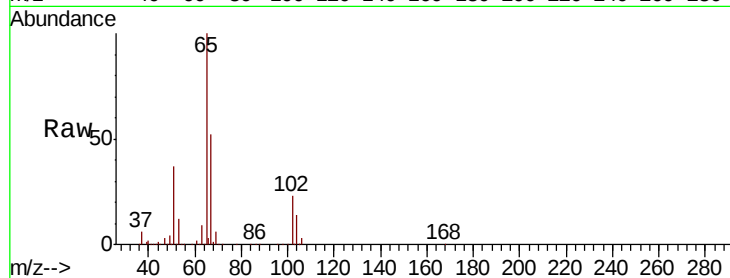
ClientSampleId :

Tot Ion: 65 Resp: 379793

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

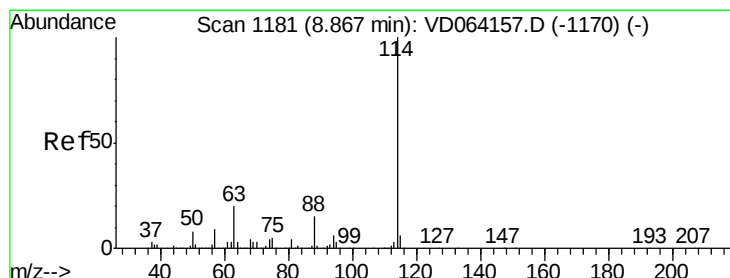
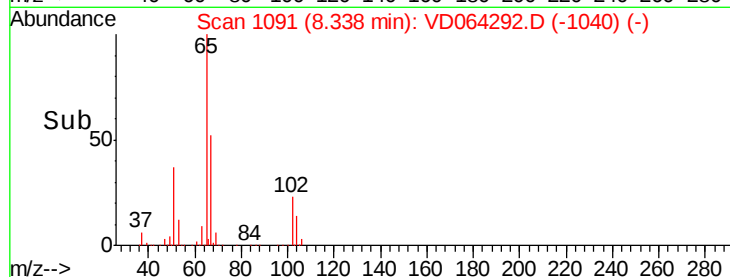
150000

100000

50000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

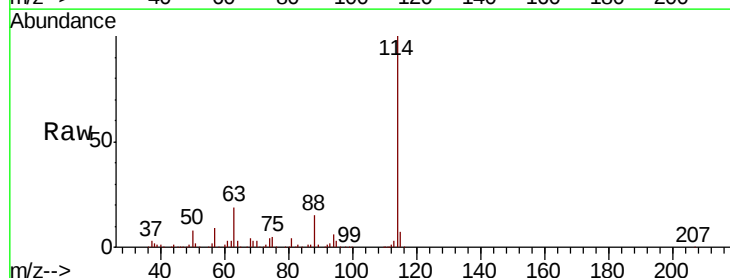
Tgt Ion:114 Resp: 1341746

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

800000

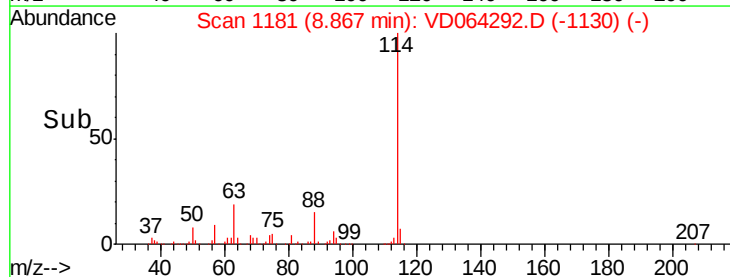
600000

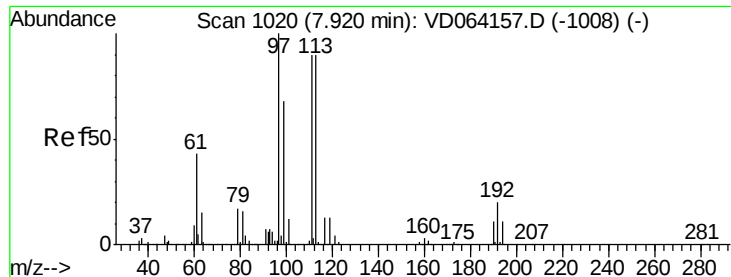
400000

200000

0

Time--> 8.80 8.90 9.00

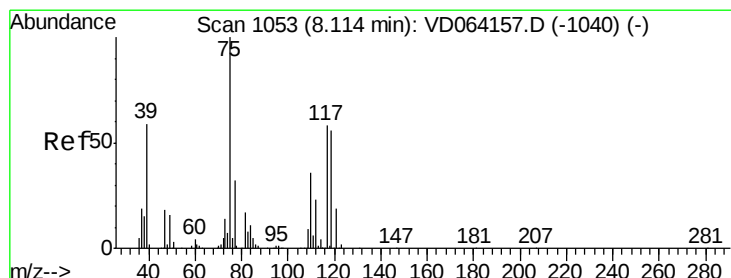
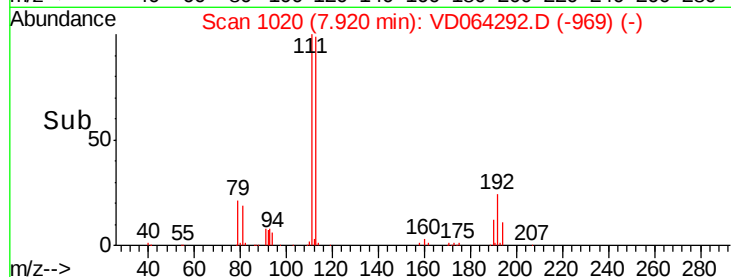
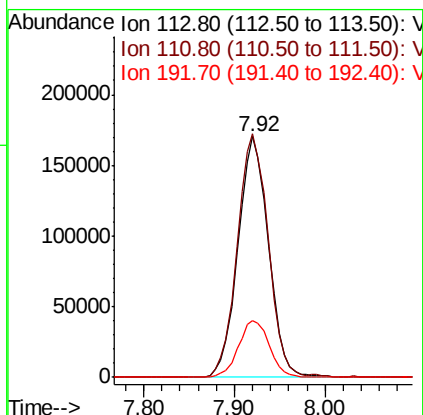
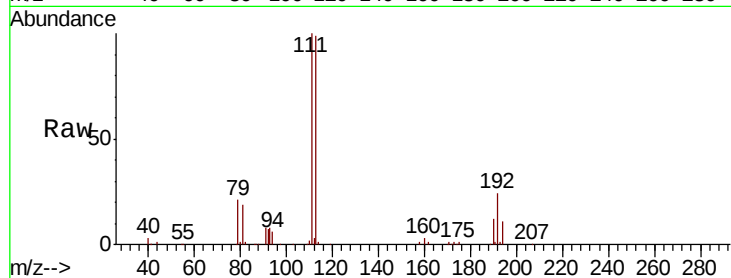




#35
 Dibromofluoromethane
 Concen: 51.686 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064292.D
 Acq: 19 Nov 2019 16:22

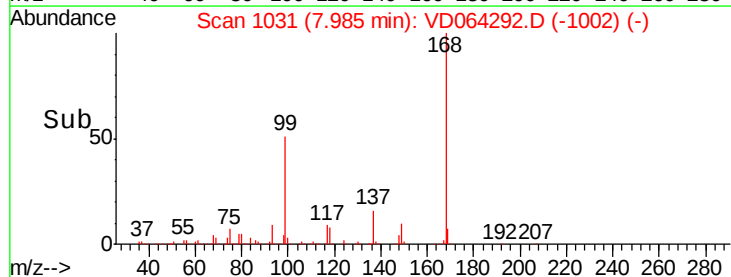
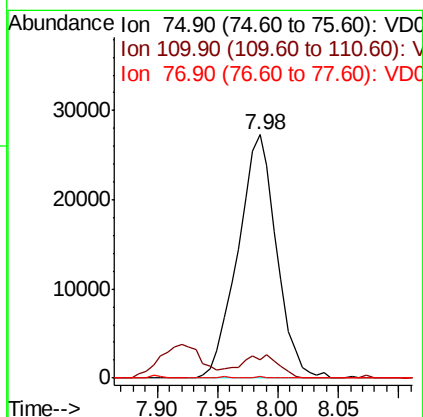
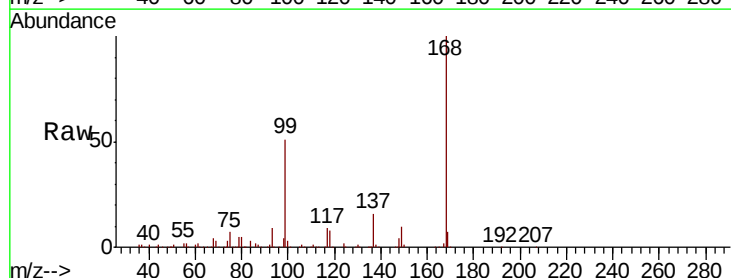
Instrument :
 MSVOA_D
 ClientSampleId :

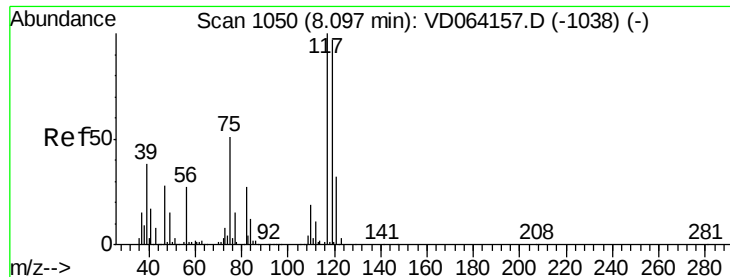
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	24.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.899 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064292.D
 Acq: 19 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.9#
77	0.1	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.273 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

Instrument :

MSVOA_D

ClientSampled :

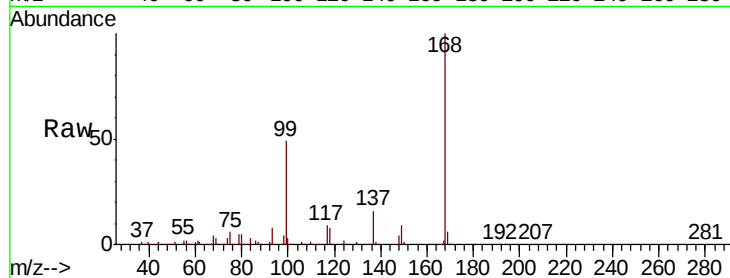
Tot Ion:117 Resp: 83118

Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

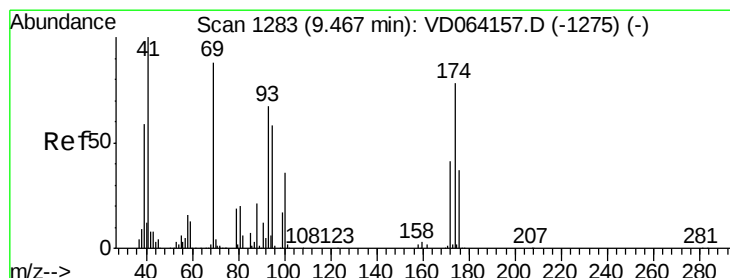
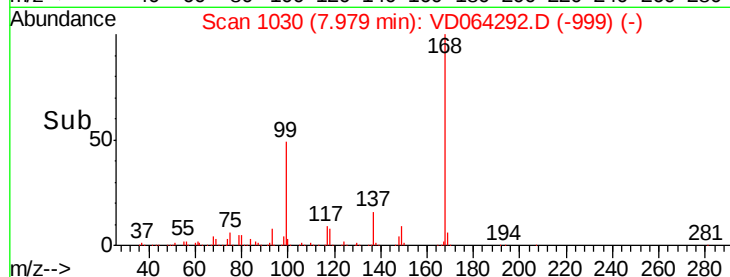
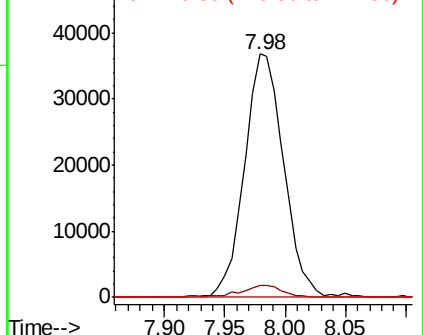
121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 2.020 ug/l

RT: 9.68 min Scan# 1320

Delta R.T. 0.22 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

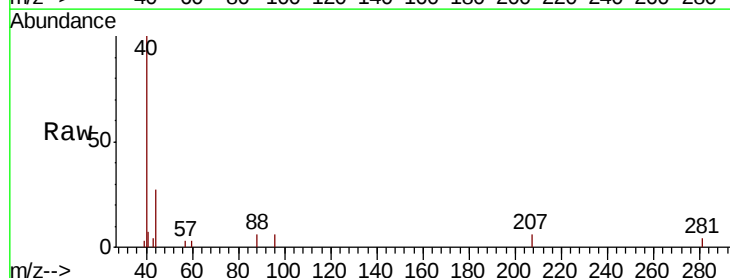
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

43 332.7 29.8 44.8#

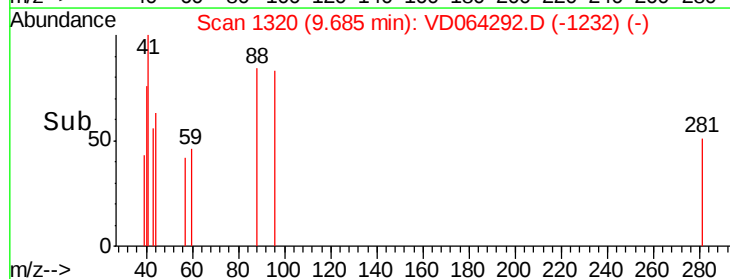
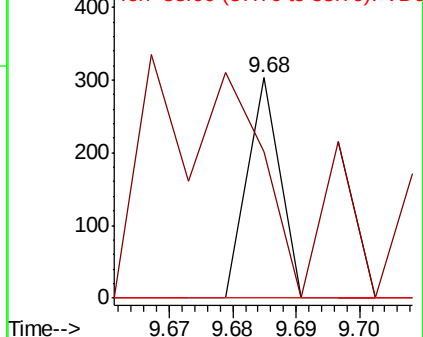
58 0.0 58.1 87.1#

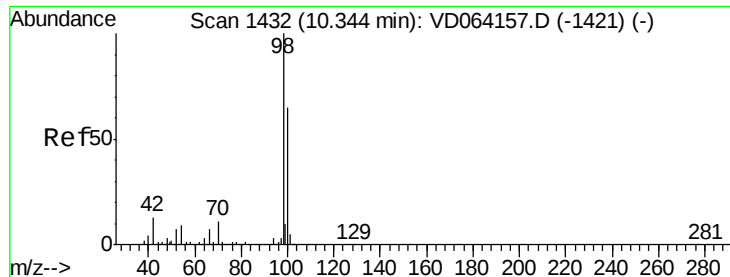


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

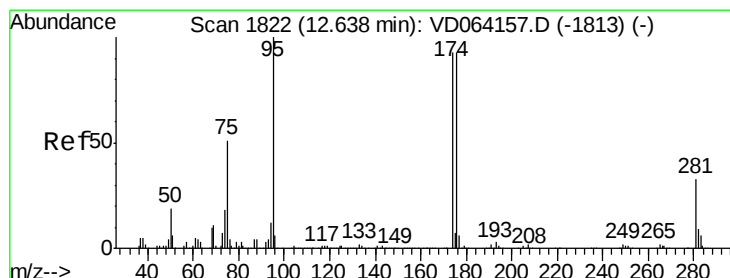
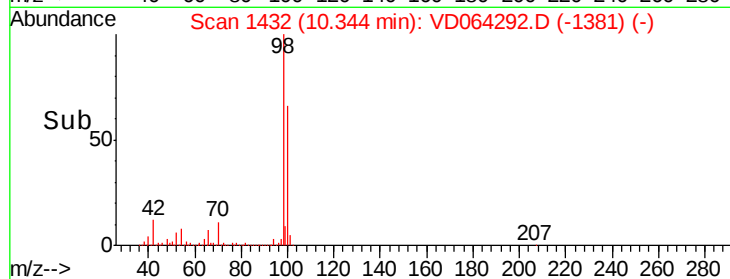
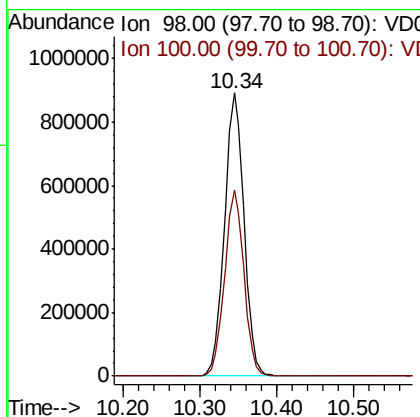
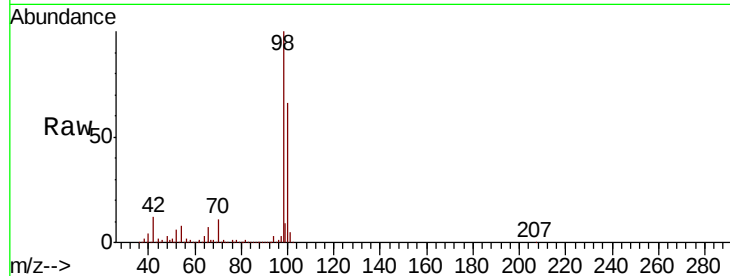




#50
Toluene-d8
Concen: 54.217 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064292.D
Acq: 19 Nov 2019 16:22

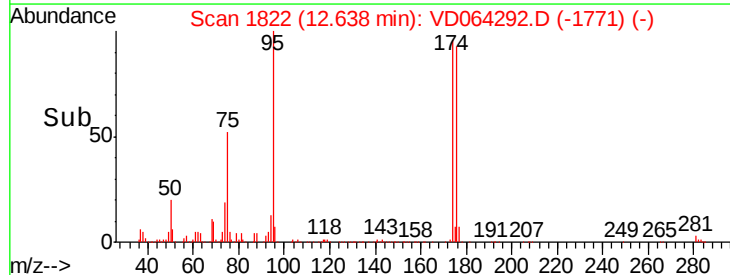
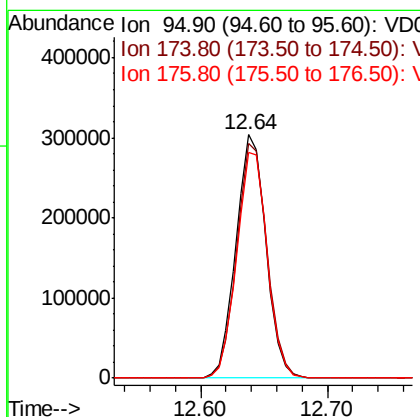
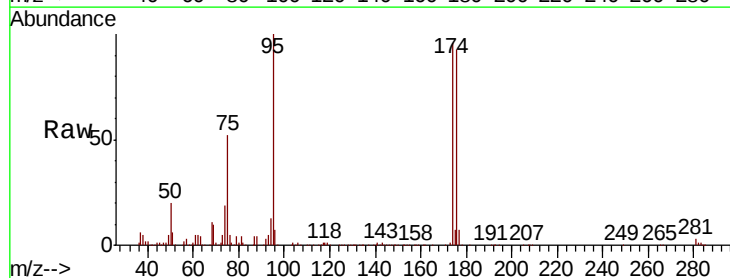
Instrument :
MSVOA_D
ClientSampleId :

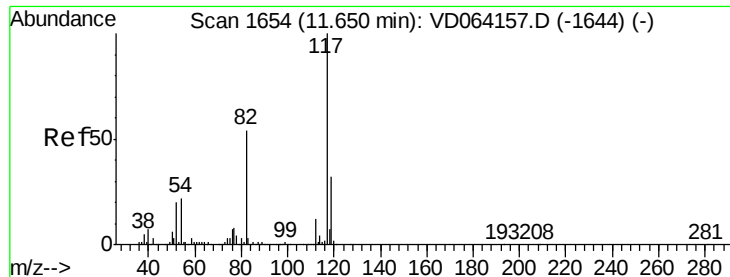
Tot Ion: 98 Resp: 1575247
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.358 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064292.D
Acq: 19 Nov 2019 16:22

Tgt Ion: 95 Resp: 496631
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.6
176 94.3 0.0 180.2

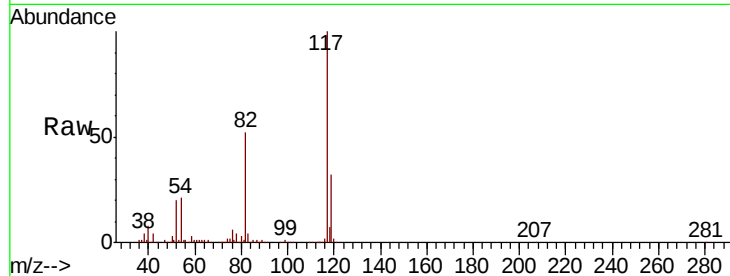




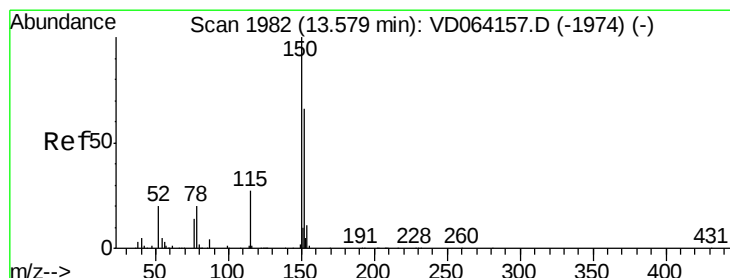
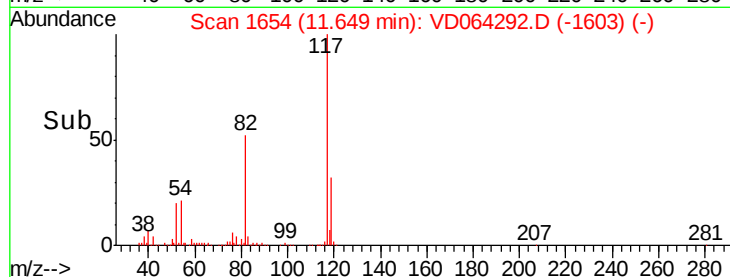
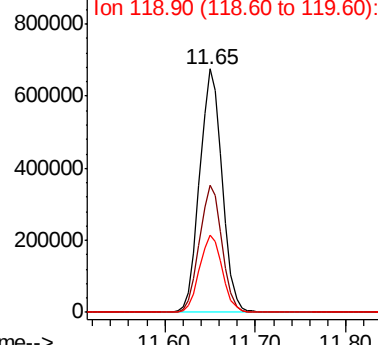
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064292.D
Acq: 19 Nov 2019 16:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1162306
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 31.8 25.6 38.4

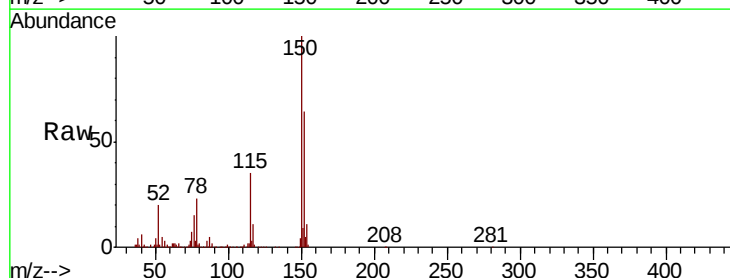


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

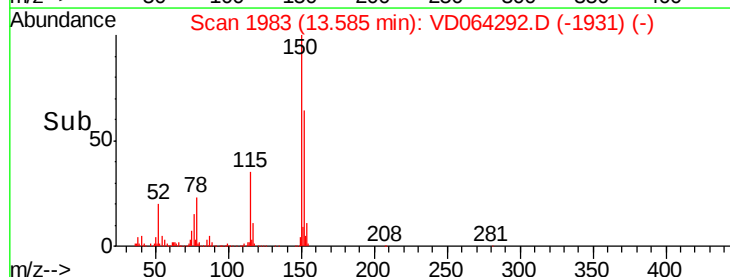
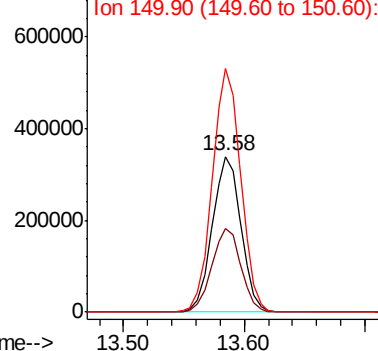


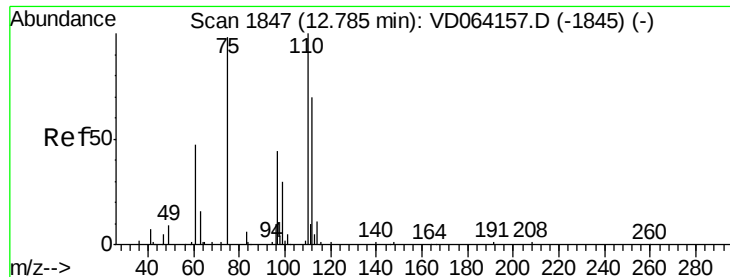
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064292.D
Acq: 19 Nov 2019 16:22

Tgt Ion:152 Resp: 560878
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 155.4 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: 57.156 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

Instrument :

MSVOA_D

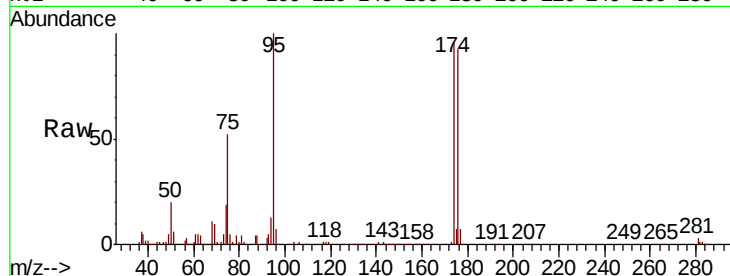
ClientSampleId :

Tot Ion: 75 Resp: 258214

Ion Ratio Lower Upper

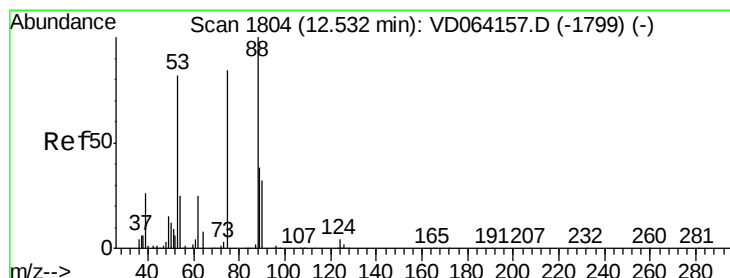
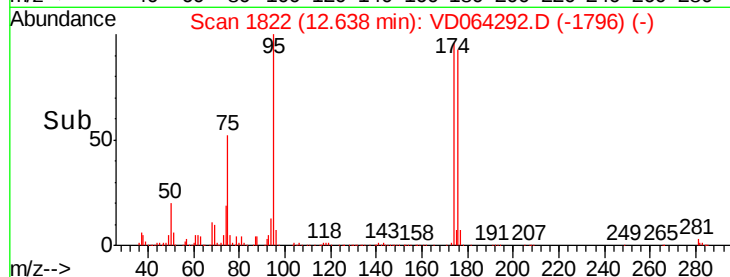
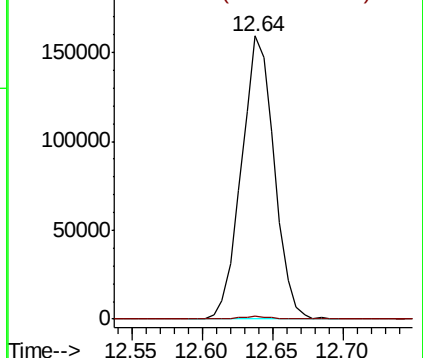
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 113.534 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064292.D

Acq: 19 Nov 2019 16:22

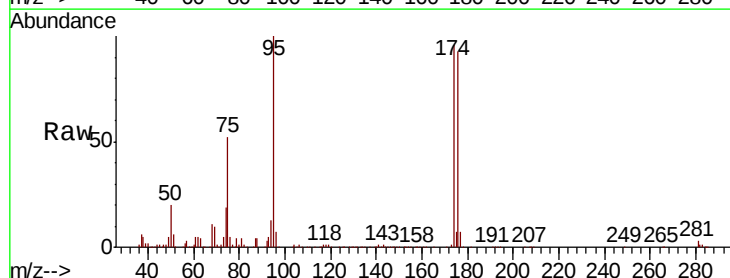
Tgt Ion: 75 Resp: 258214

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 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

