

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064295.D
 Acq On : 19 Nov 2019 17:48
 Operator : VA/SY
 Sample : K5927-04
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:27:52 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

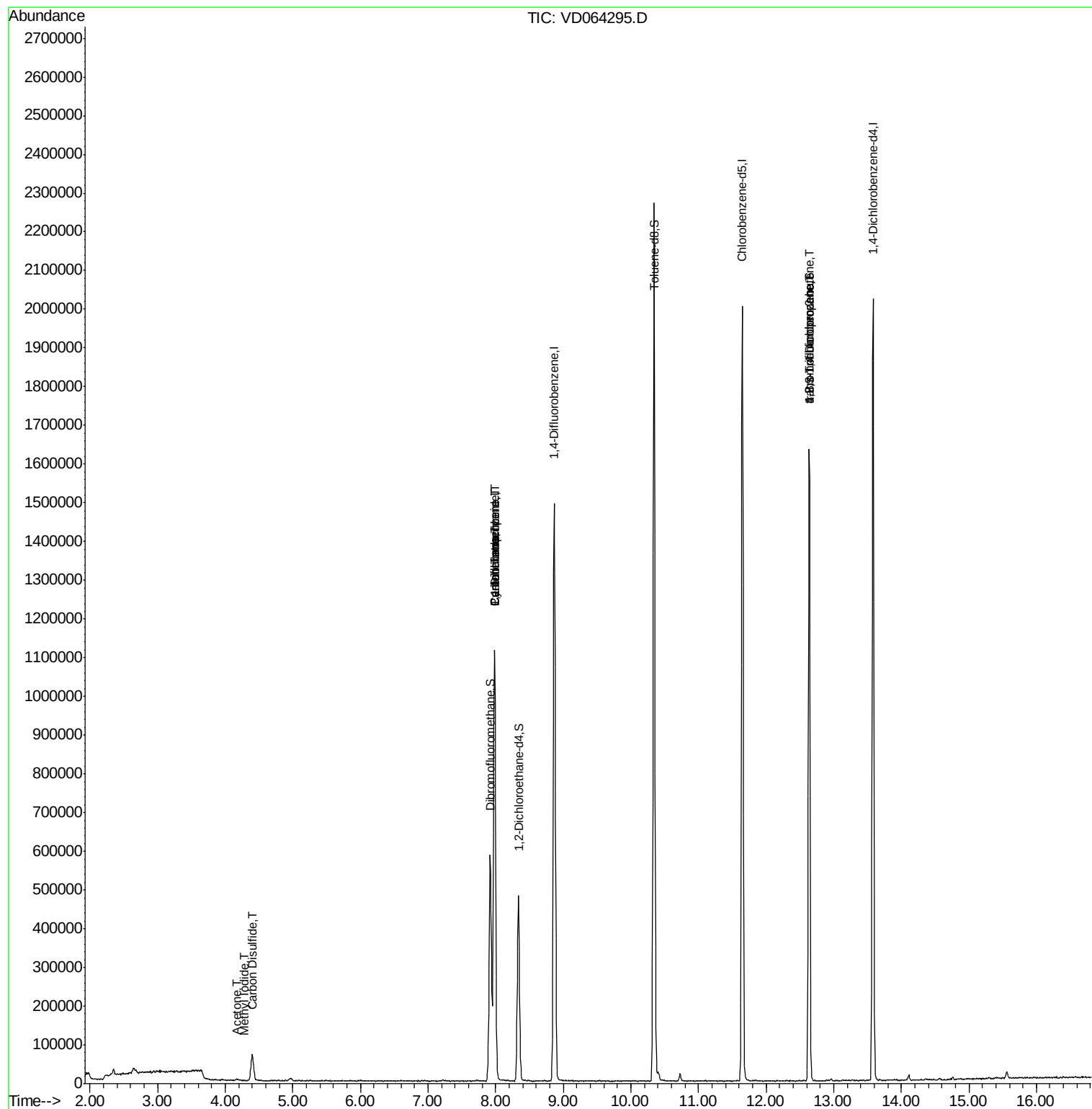
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	919483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1329834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1163001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	565190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	386524	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	7.92	113	398549	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
50) Toluene-d8	10.34	98	1539123	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.64	95	497966	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	86	2.040	ug/l #	41
16) Acetone	4.17	43	4288	2.394	ug/l	96
17) Carbon Disulfide	4.40	76	139338	5.791	ug/l	97
31) Cyclohexane	7.98	56	17645	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	60059	4.893	ug/l #	49
38) Carbon Tetrachloride	7.98	117	79609	6.062	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	258236	56.725	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	258236	112.678	ug/l #	10

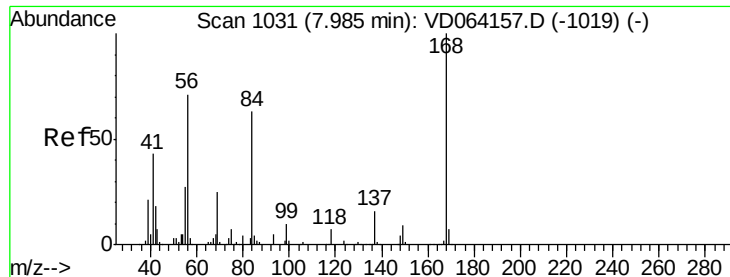
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064295.D

Acq: 19 Nov 2019 17:48

Instrument :

MSVOA_D

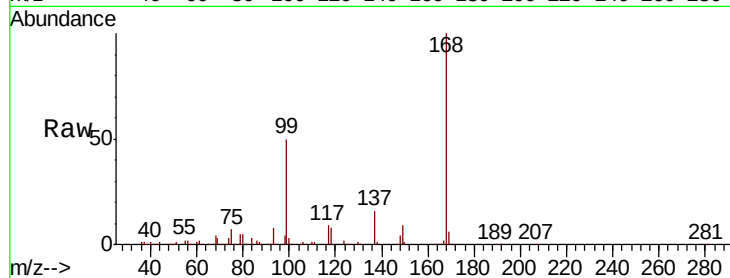
ClientSampleId :

Tot Ion:168 Resp: 919483

Ion Ratio Lower Upper

168 100

99 50.4 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

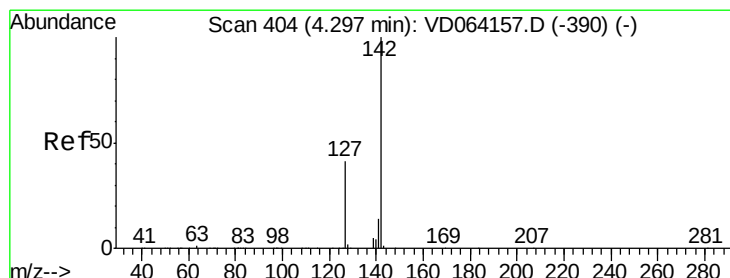
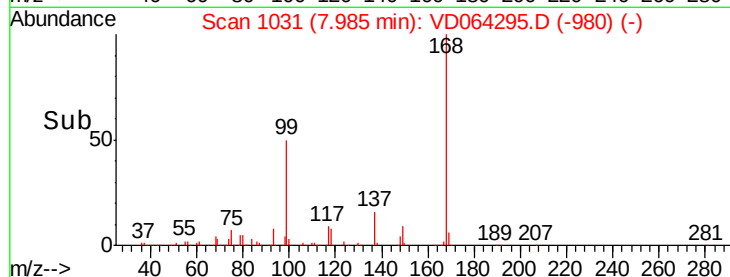
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.040 ug/l

RT: 4.29 min Scan# 402

Delta R.T. -0.01 min

Lab File: VD064295.D

Acq: 19 Nov 2019 17:48

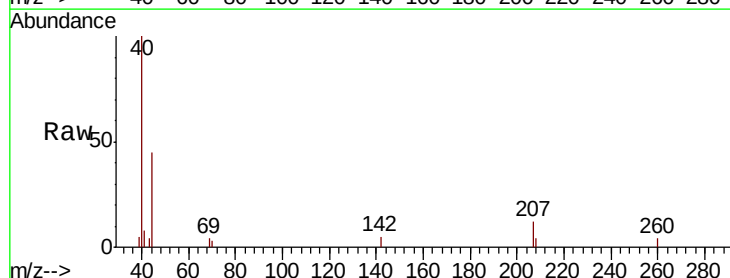
Tgt Ion:142 Resp: 86

Ion Ratio Lower Upper

142 100

127 0.0 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

4.29

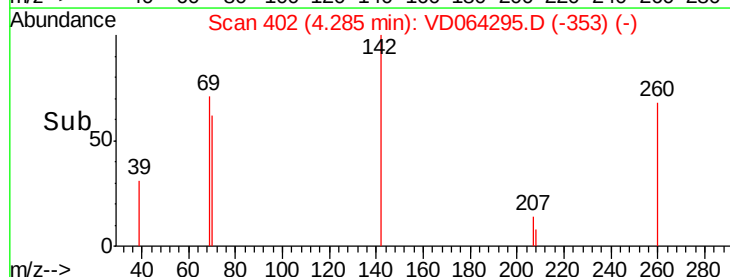
300

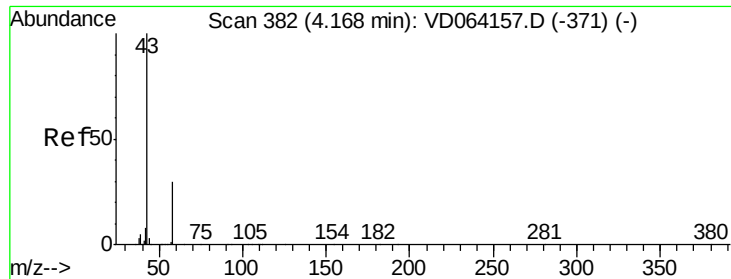
200

100

0

Time-->





#16

Acetone

Concen: 2.394 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064295.D

Acq: 19 Nov 2019 17:48

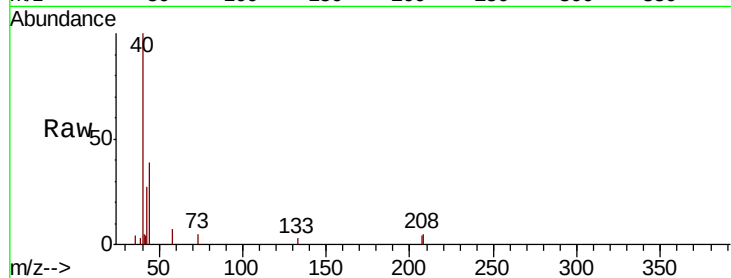
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 4288

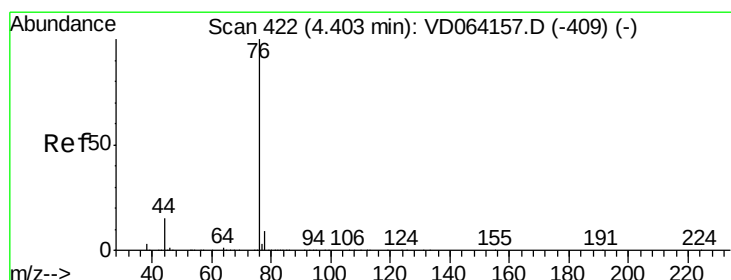
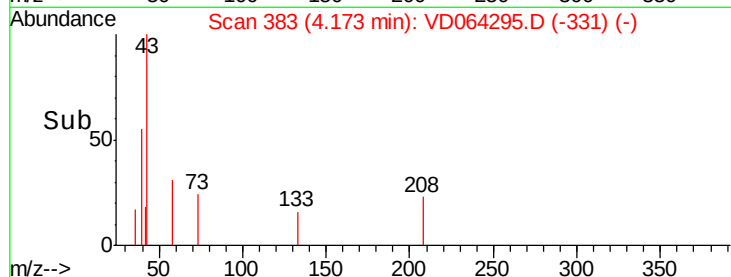
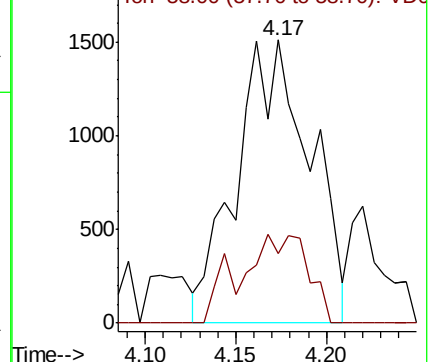
Ion Ratio Lower Upper

43 100

58 27.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 5.791 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064295.D

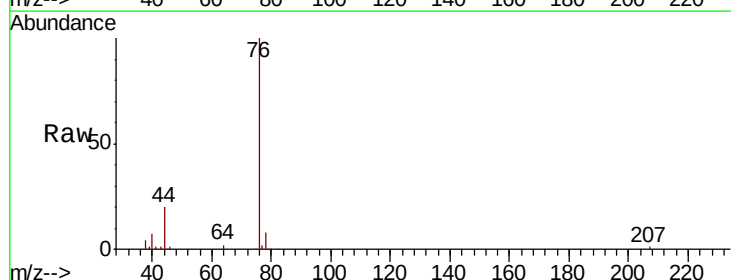
Acq: 19 Nov 2019 17:48

Tgt Ion: 76 Resp: 139338

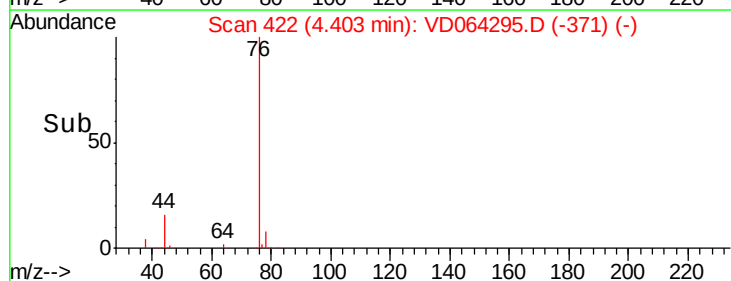
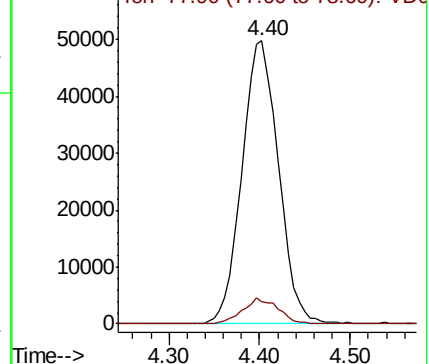
Ion Ratio Lower Upper

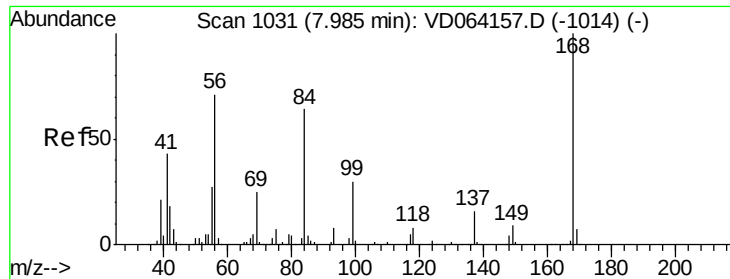
76 100

78 8.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

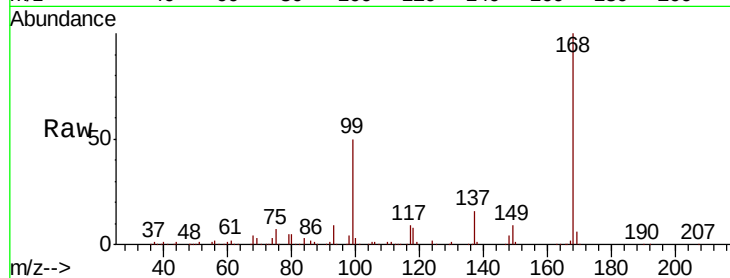




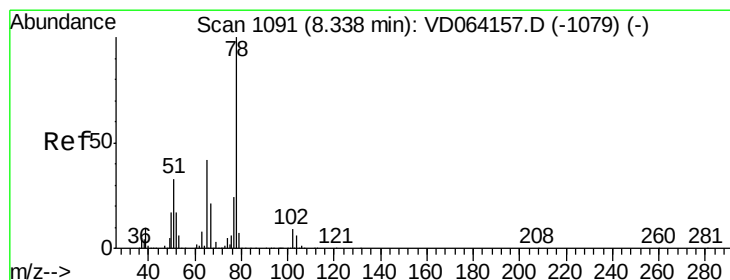
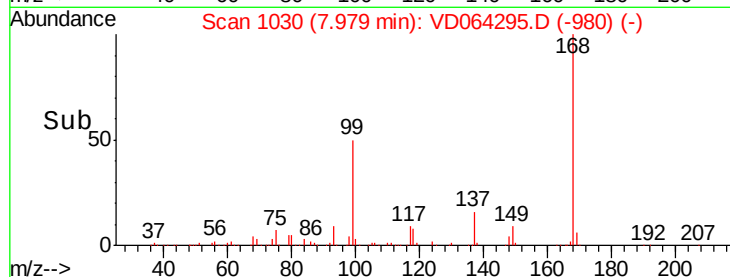
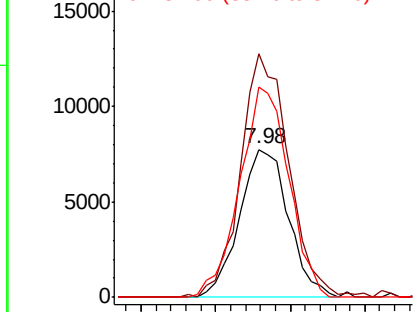
#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064295.D
Acq: 19 Nov 2019 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 17645
Ion Ratio Lower Upper
56 100
69 162.3 28.2 42.4#
84 142.3 71.8 107.6#

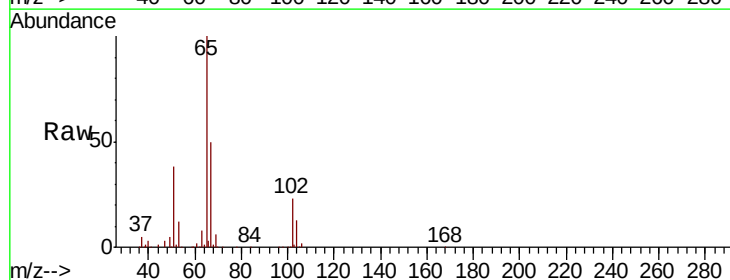


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

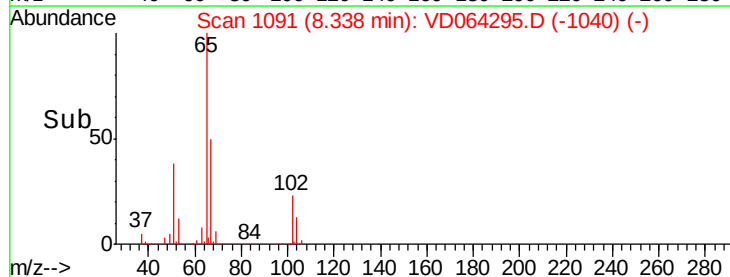
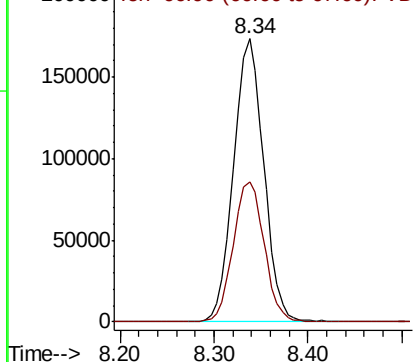


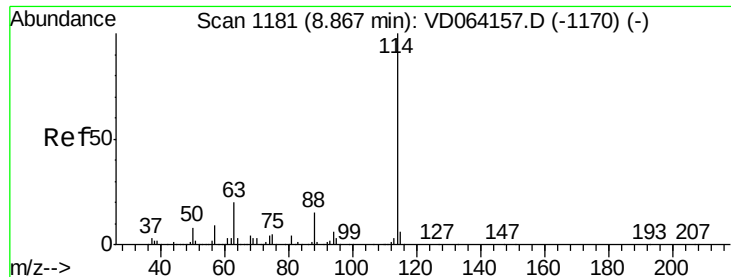
#33
1,2-Dichloroethane-d4
Concen: 51.113 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064295.D
Acq: 19 Nov 2019 17:48

Tgt Ion: 65 Resp: 386524
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4



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

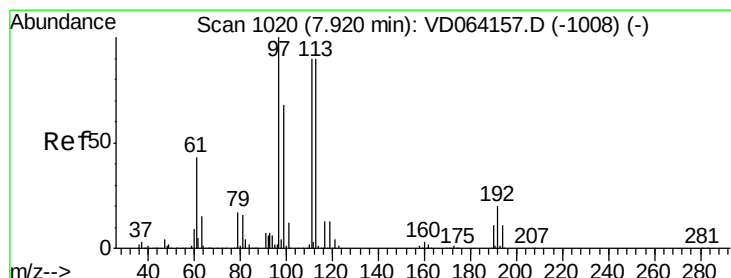
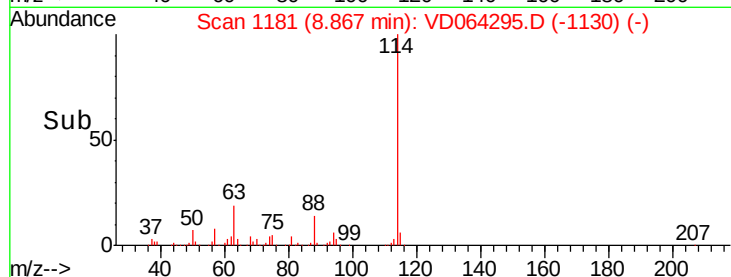
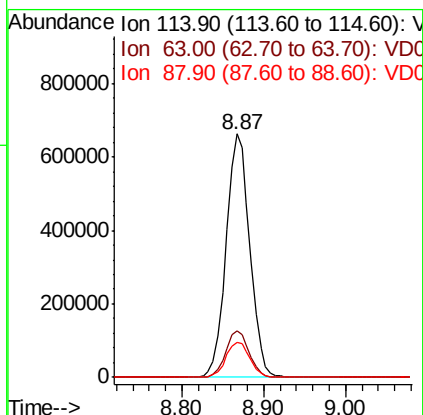
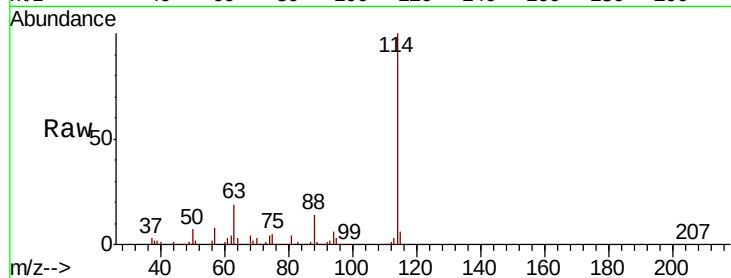




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064295.D
 Acq: 19 Nov 2019 17:48

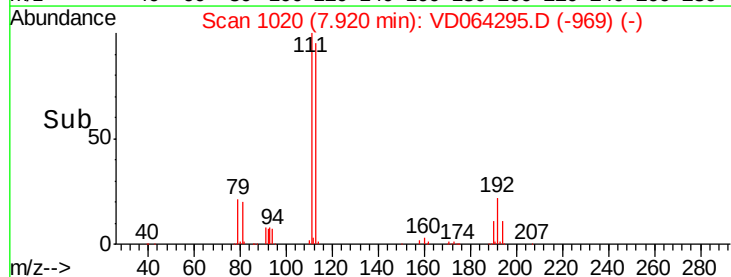
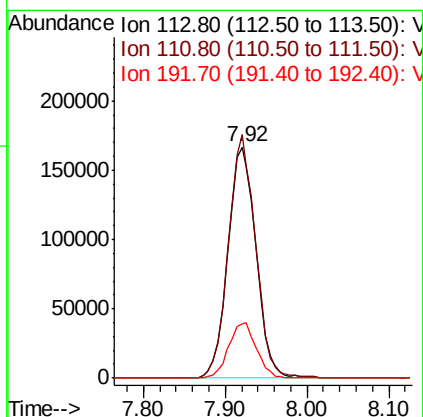
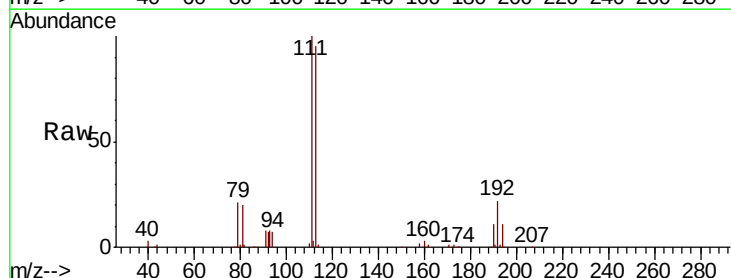
Instrument :
 MSVOA_D
 ClientSampleId :

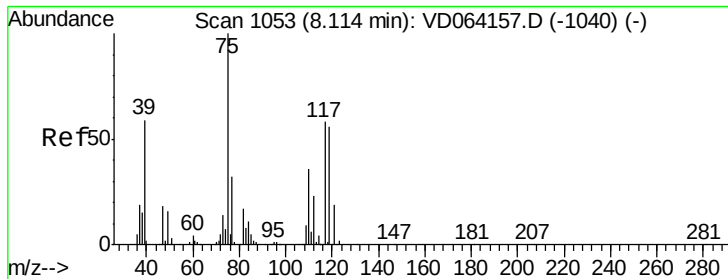
Tot Ion:114 Resp: 1329834
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.211 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064295.D
 Acq: 19 Nov 2019 17:48

Tgt Ion:113 Resp: 398549
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 23.7 18.8 28.2

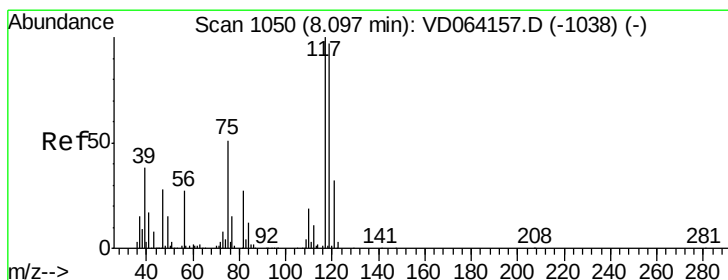
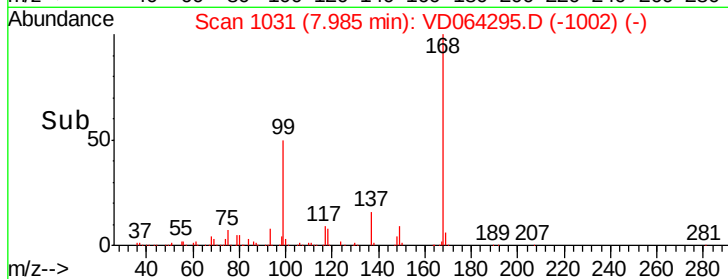
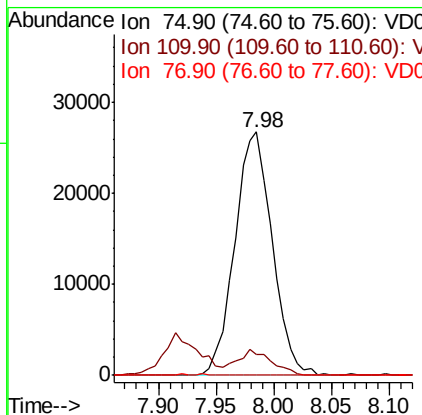
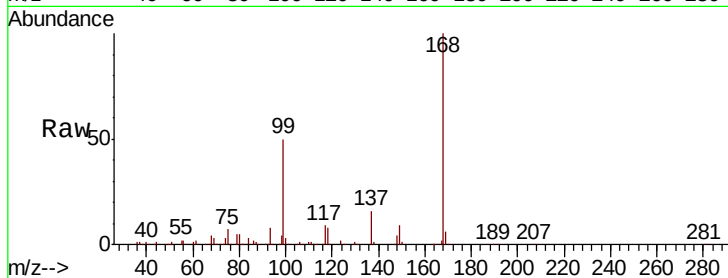




#36
 1,1-Dichloropropene
 Concen: 4.893 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064295.D
 Acq: 19 Nov 2019 17:48

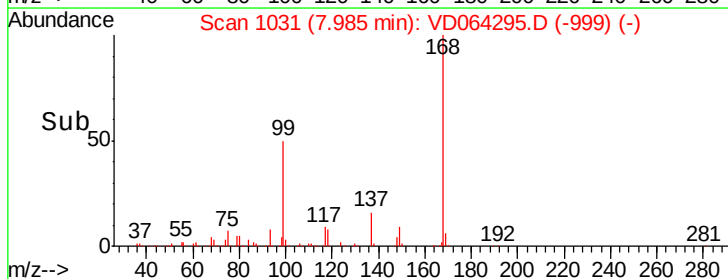
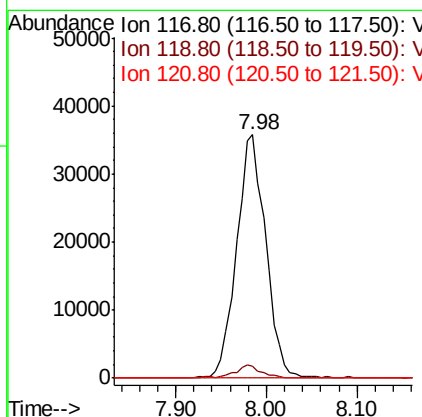
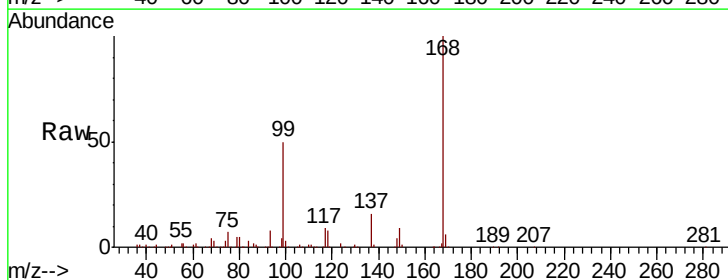
Instrument :
 MSVOA_D
 ClientSampleId :

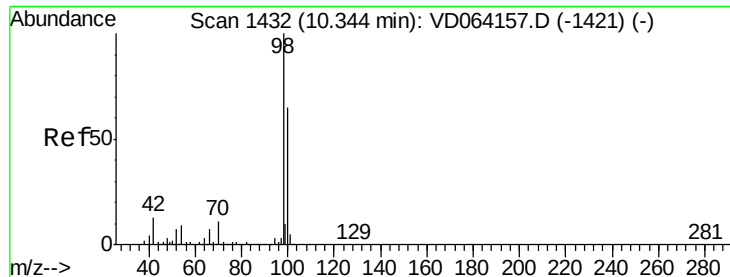
Tot Ion	75	Resp	60059
Ion Ratio	100	Lower	Upper
75	100		
110	9.6	18.3	54.9#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.062 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064295.D
 Acq: 19 Nov 2019 17:48

Tgt Ion	117	Resp	79609
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	25.5	38.3#

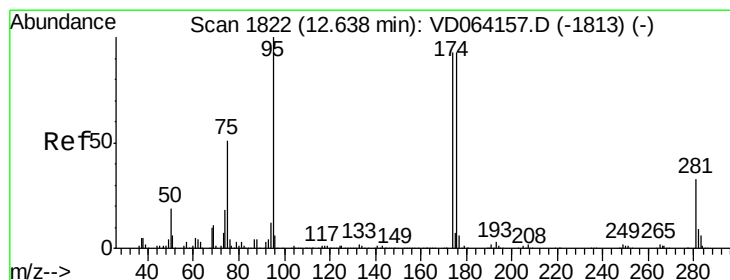
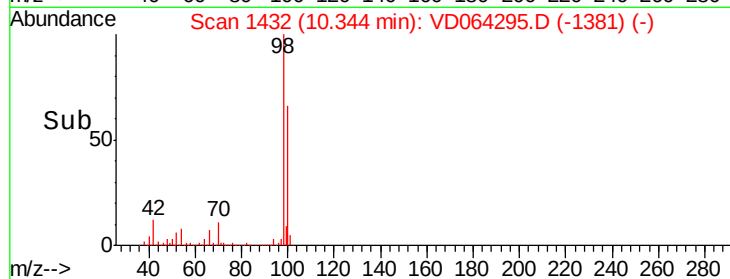
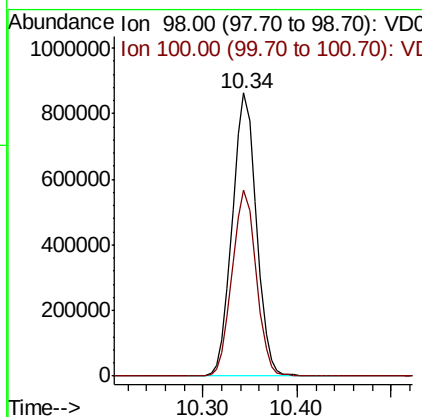
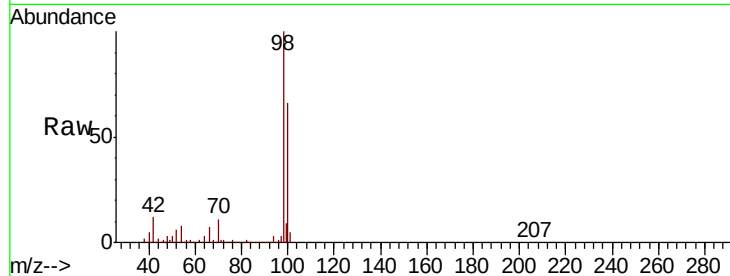




#50
Toluene-d8
Concen: 53.448 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064295.D
Acq: 19 Nov 2019 17:48

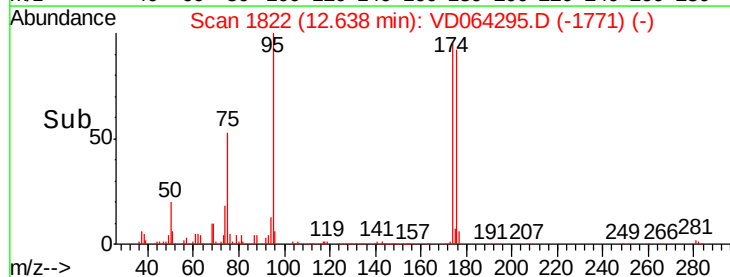
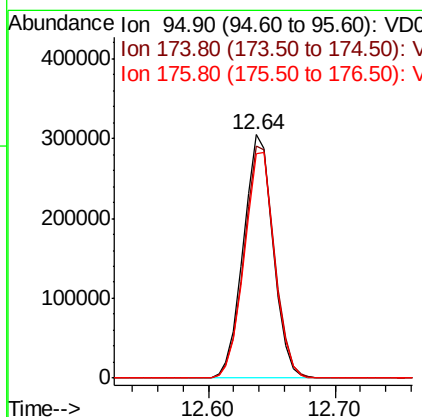
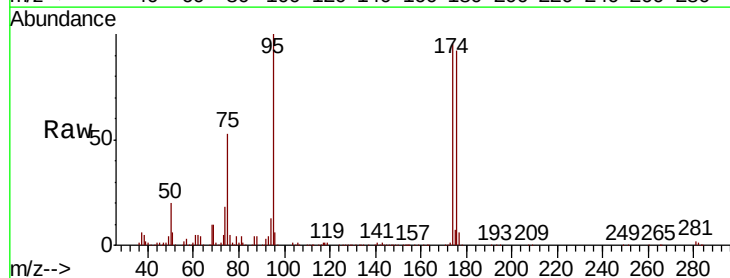
Instrument :
MSVOA_D
ClientSampled :

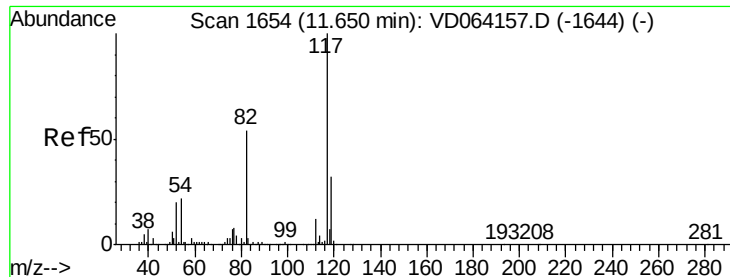
Tot Ion: 98 Resp: 1539123
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.934 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064295.D
Acq: 19 Nov 2019 17:48

Tgt Ion: 95 Resp: 497966
Ion Ratio Lower Upper
95 100
174 97.4 0.0 183.6
176 94.4 0.0 180.2

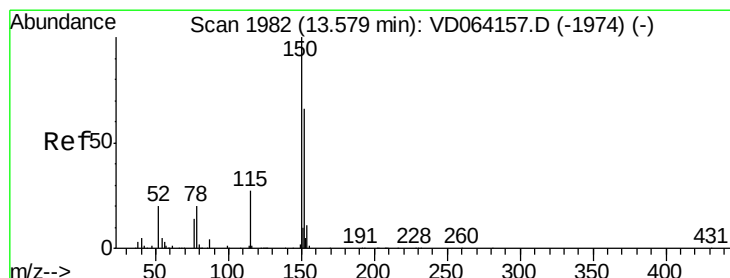
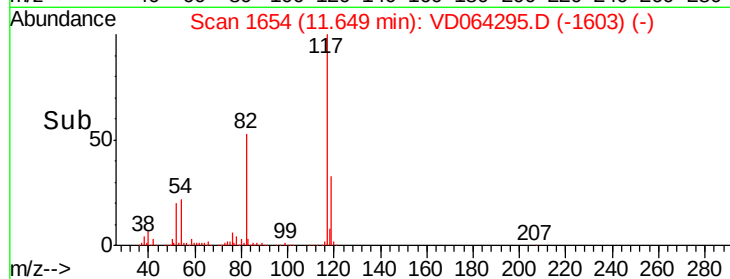
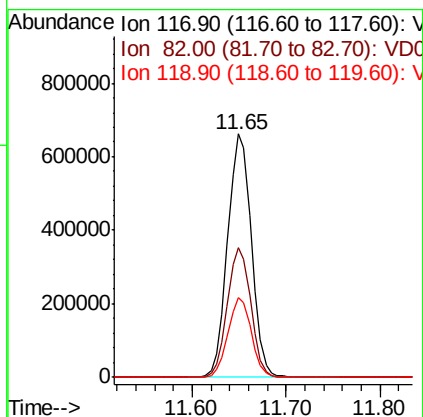
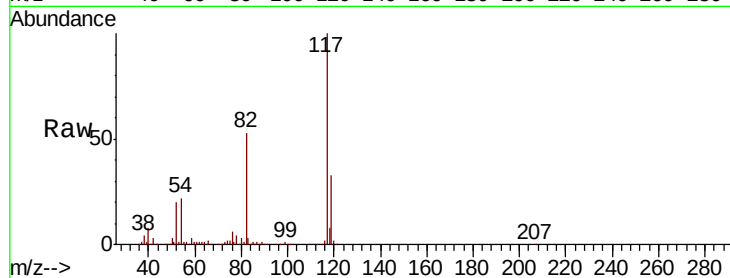




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064295.D
Acq: 19 Nov 2019 17:48

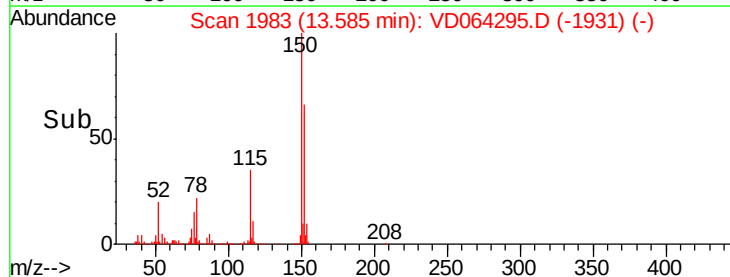
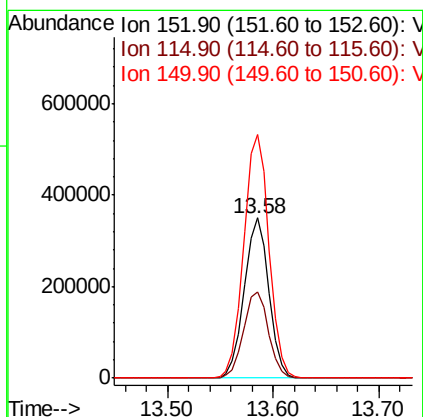
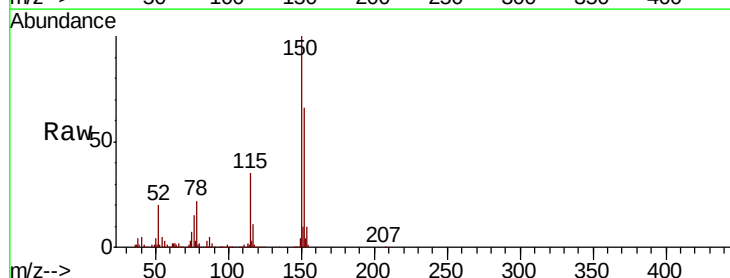
Instrument :
MSVOA_D
ClientSampleId :

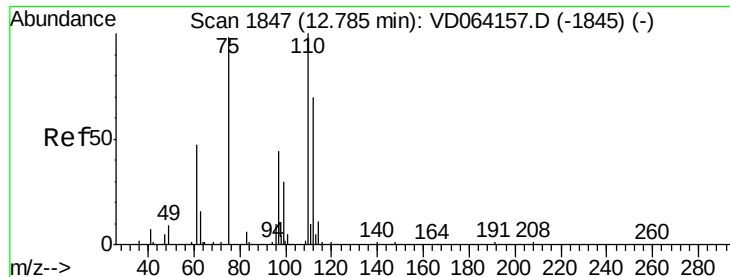
Tot Ion:117 Resp: 1163001
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064295.D
Acq: 19 Nov 2019 17:48

Tgt Ion:152 Resp: 565190
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 155.7 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 56.725 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064295.D

Acq: 19 Nov 2019 17:48

Instrument :

MSVOA_D

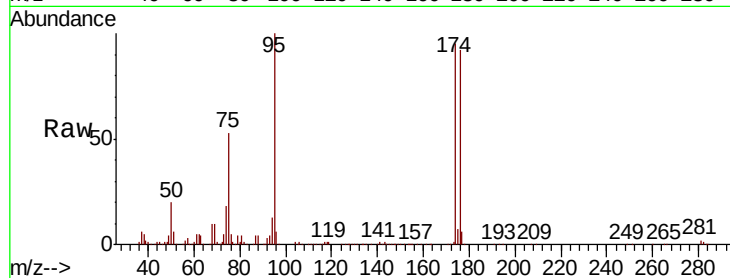
ClientSampleId :

Tot Ion: 75 Resp: 258236

Ion Ratio Lower Upper

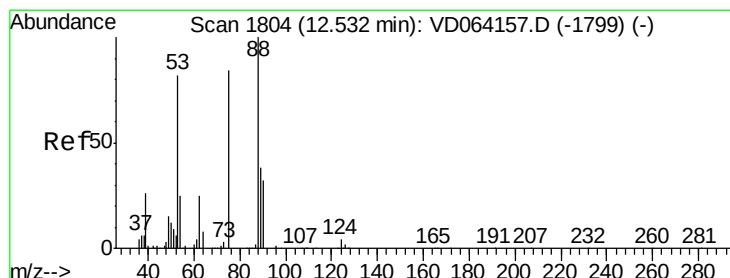
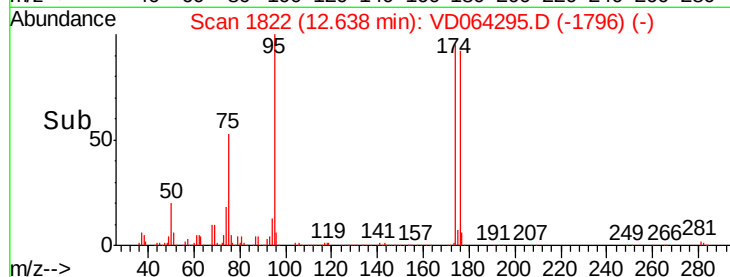
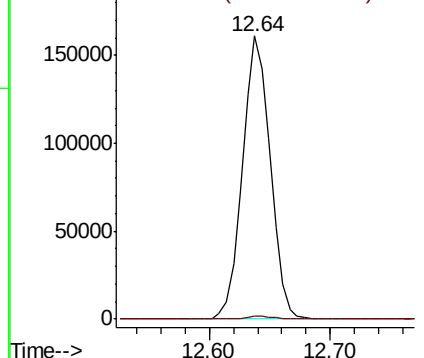
75 100

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: 112.678 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064295.D

Acq: 19 Nov 2019 17:48

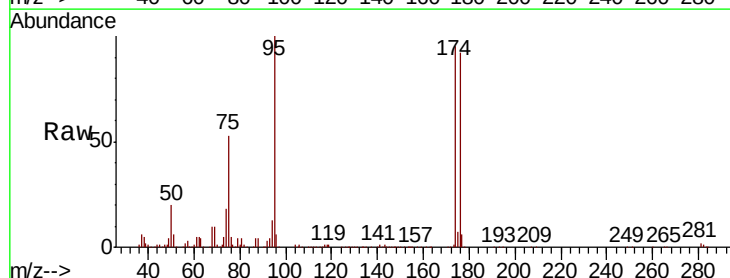
Tgt Ion: 75 Resp: 258236

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

