

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064281.D
 Acq On : 19 Nov 2019 10:59
 Operator : VA/SY
 Sample : VD1119SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:23:57 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

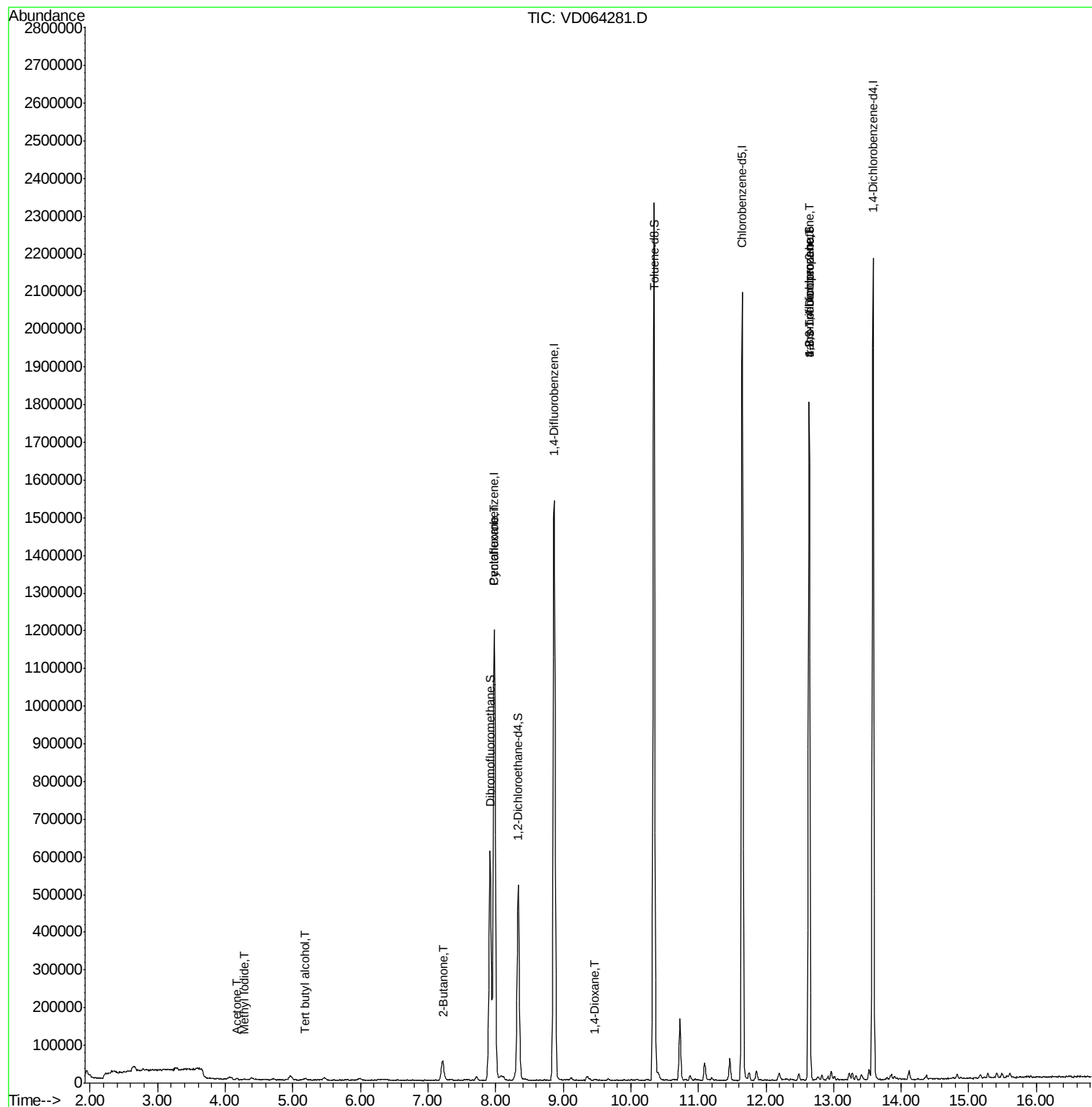
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	959388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1395426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1203326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	588892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	411050	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.92	113	417599	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.34	98	1618593	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.64	95	519445	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.28	142	901	2.121	ug/l #	44
11) Tert butyl alcohol	5.19	59	3962	7.189	ug/l #	74
16) Acetone	4.18	43	5288	2.829	ug/l #	77
25) 2-Butanone	7.23	43	3245	1.344	ug/l #	85
31) Cyclohexane	7.98	56	21788	1.407	ug/l #	19
49) 1,4-Dioxane	9.47	88	210	3.812	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	277637	58.532	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	277637	116.267	ug/l #	10

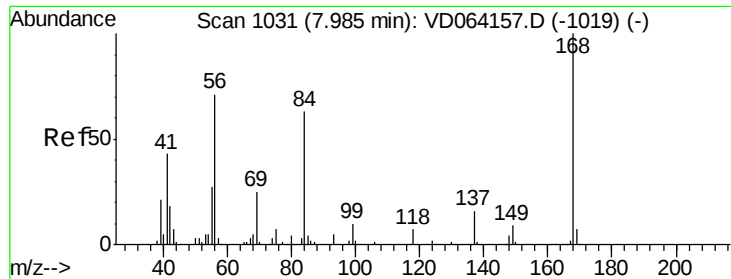
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
Data File : VD064281.D
Acq On : 19 Nov 2019 10:59
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Quant Time: Nov 20 03:23:57 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# 1030

Delta R.T. -0.01 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

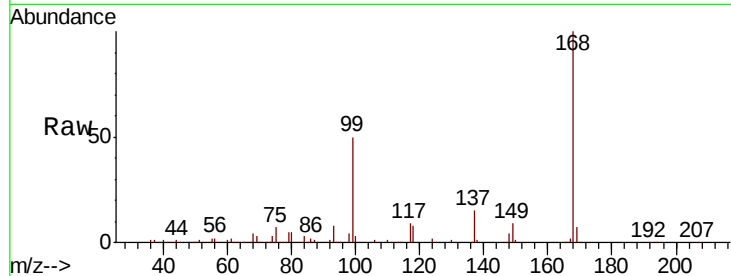
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 959388

Ion Ratio Lower Upper

168 100

99 50.1 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

500000

400000

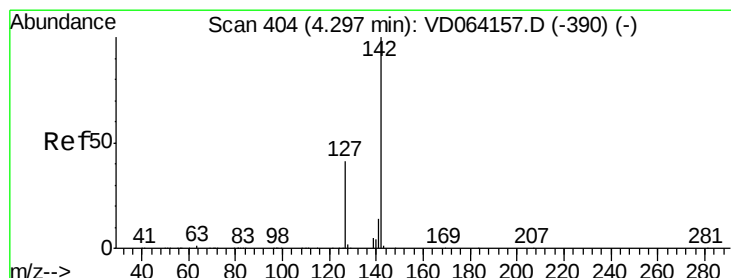
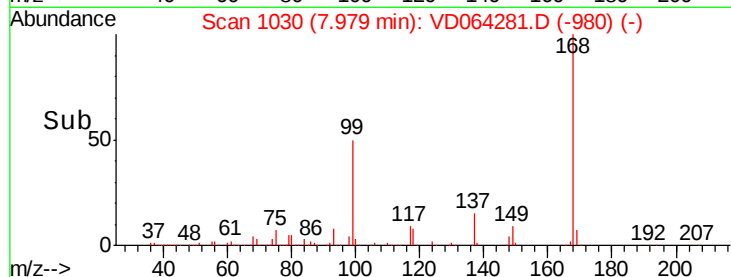
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.121 ug/l

RT: 4.28 min Scan# 401

Delta R.T. -0.02 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

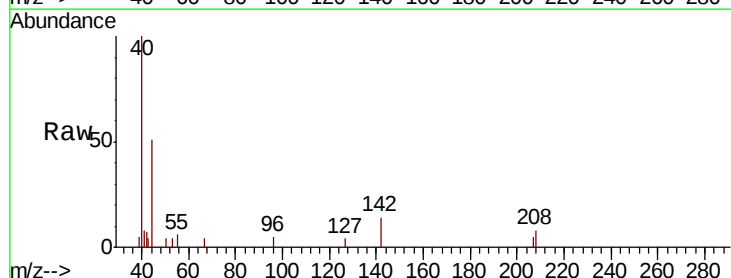
Tgt Ion:142 Resp: 901

Ion Ratio Lower Upper

142 100

127 87.1 34.4 51.6#

141 6.7 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

800

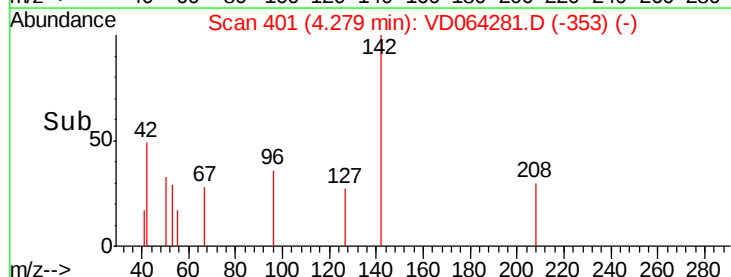
600

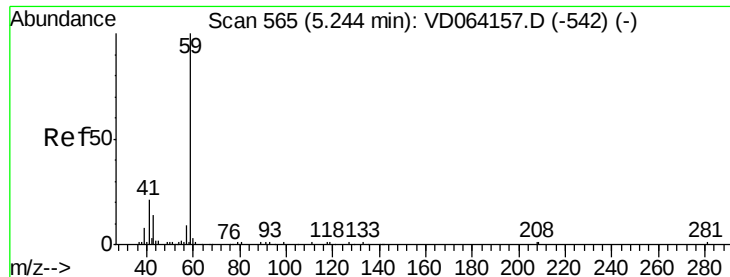
400

200

0

Time-->



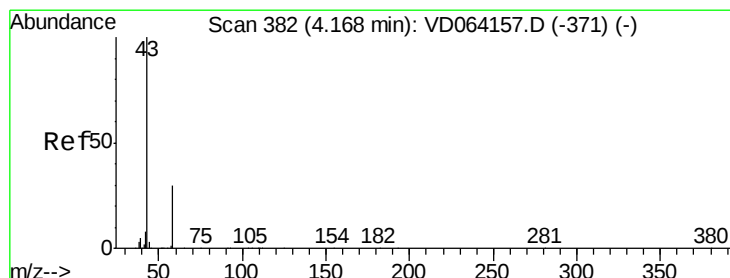
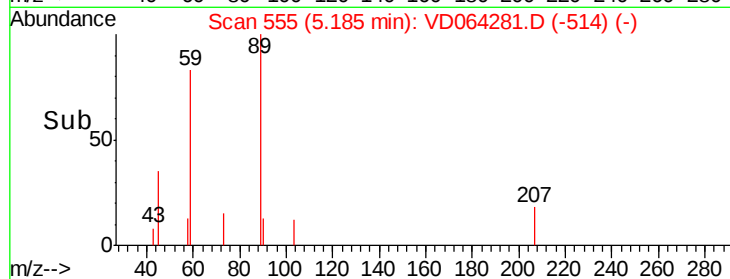
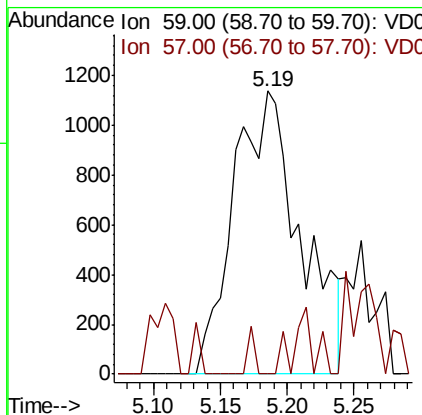
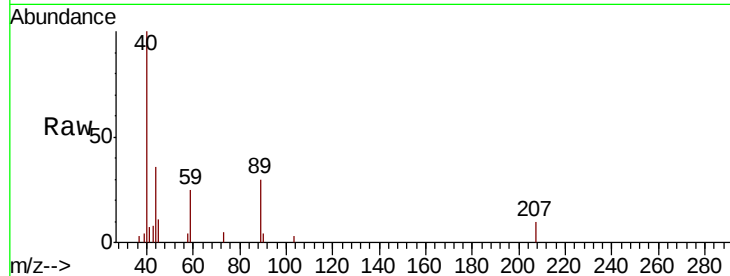


#11

Tert butyl alcohol
 Concen: 7.189 ug/l
 RT: 5.19 min Scan# 555
 Delta R.T. -0.06 min
 Lab File: VD064281.D
 Acq: 19 Nov 2019 10:59

Instrument :
 MSVOA_D
 ClientSampled :

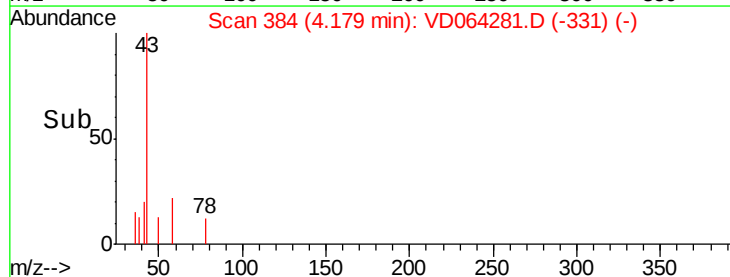
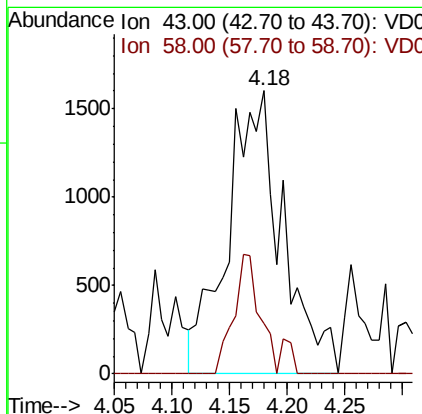
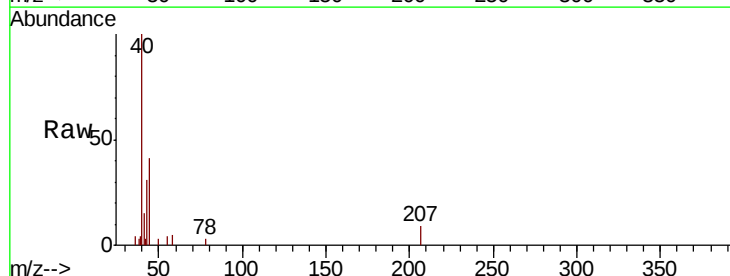
Tot Ion: 59 Resp: 3962
 Ion Ratio Lower Upper
 59 100
 57 1.7 9.4 14.2#

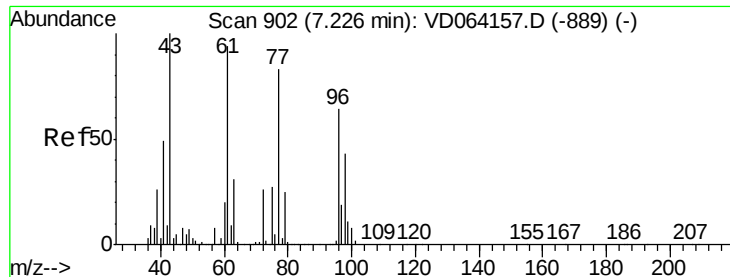


#16

Acetone
 Concen: 2.829 ug/l
 RT: 4.18 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VD064281.D
 Acq: 19 Nov 2019 10:59

Tgt Ion: 43 Resp: 5288
 Ion Ratio Lower Upper
 43 100
 58 17.8 24.1 36.1#





#25

2-Butanone

Concen: 1.344 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

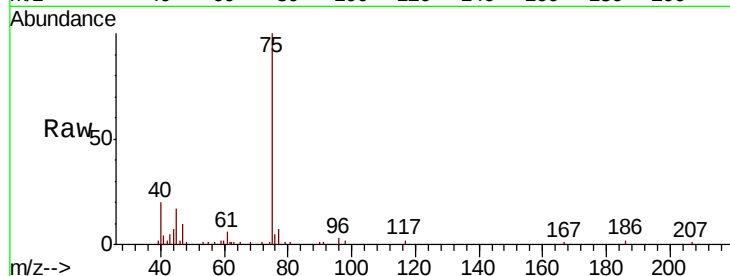
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 3245

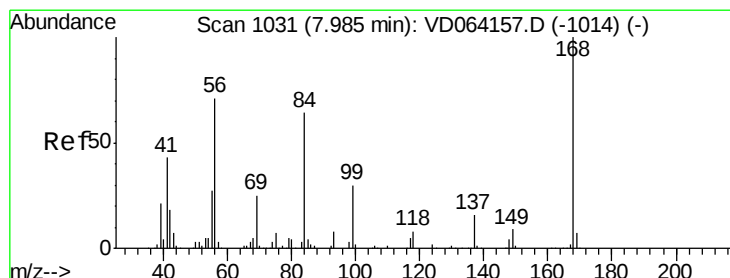
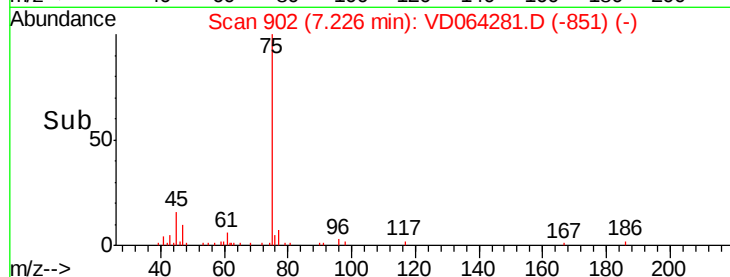
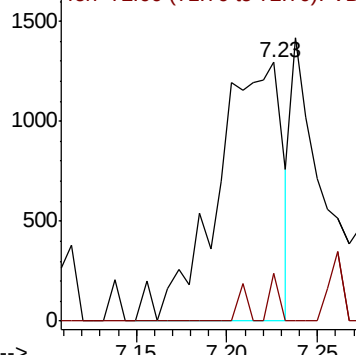
Ion Ratio Lower Upper

43 100

72 18.2 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.407 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

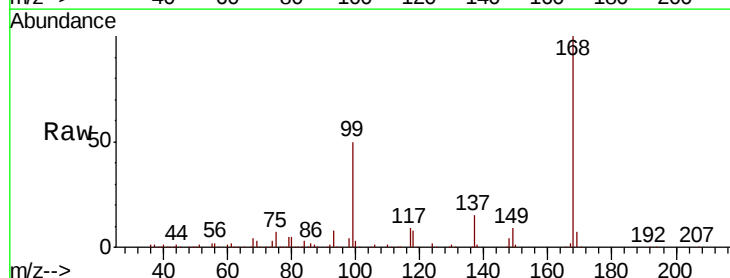
Tgt Ion: 56 Resp: 21788

Ion Ratio Lower Upper

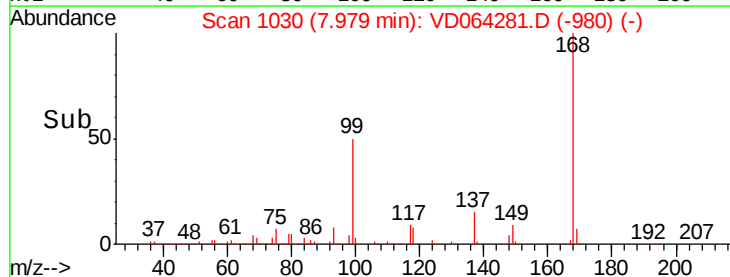
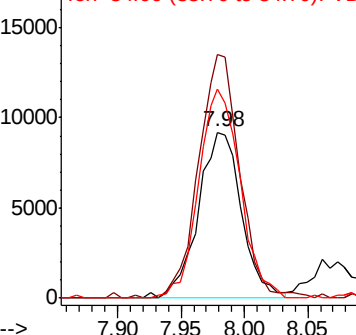
56 100

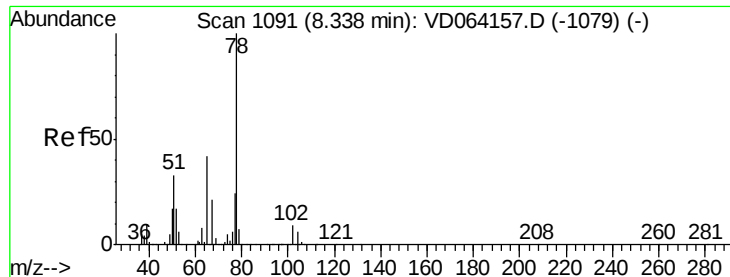
69 145.0 28.2 42.4#

84 126.2 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: 52.095 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

Instrument :

MSVOA_D

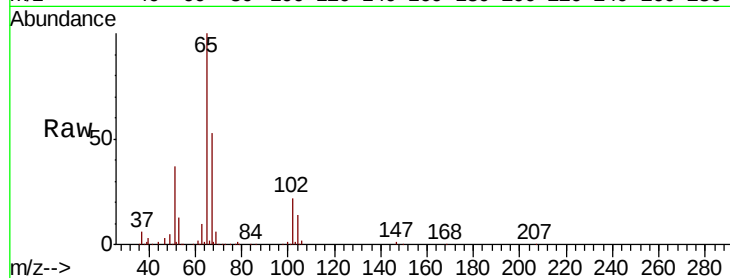
ClientSampleId :

Tot Ion: 65 Resp: 411050

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.33

200000

150000

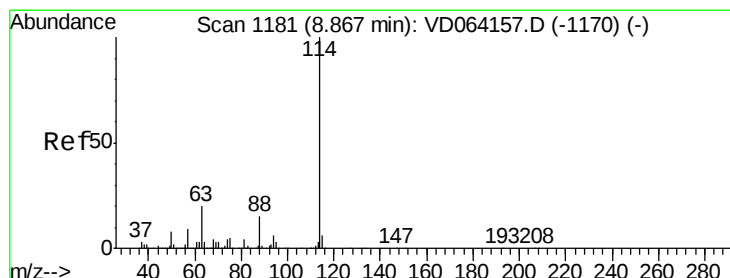
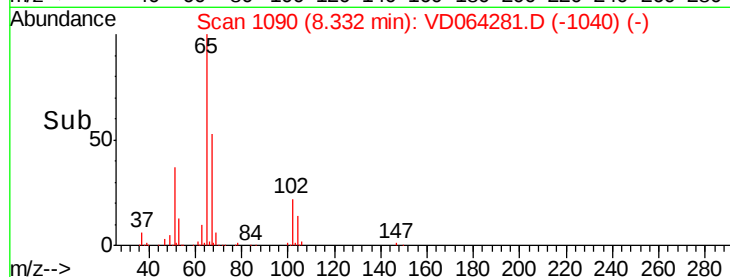
100000

50000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

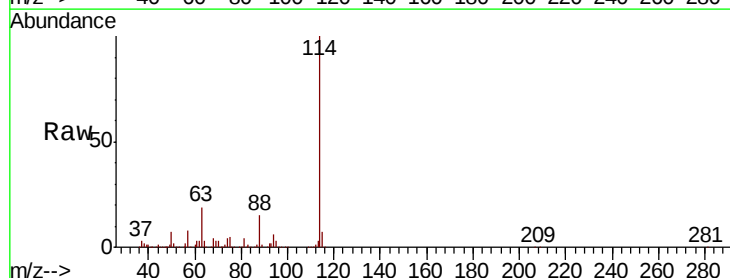
Tgt Ion: 114 Resp: 1395426

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.87

800000

600000

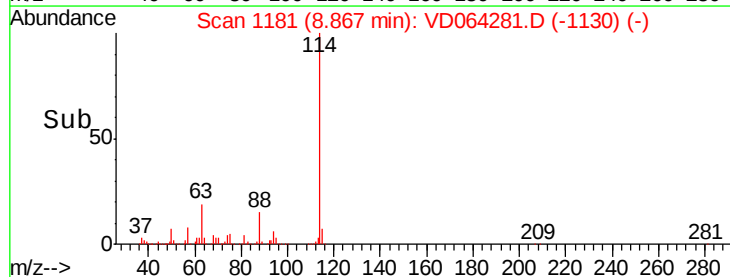
400000

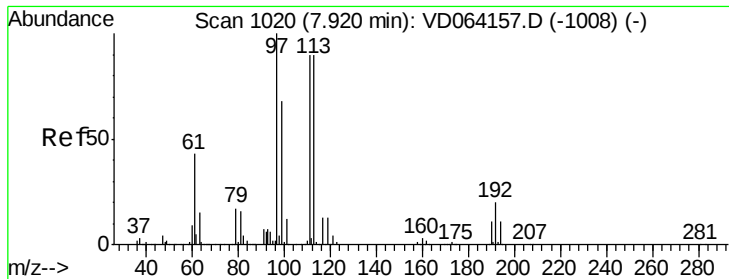
200000

0

8.80 8.90 9.00

Time-->

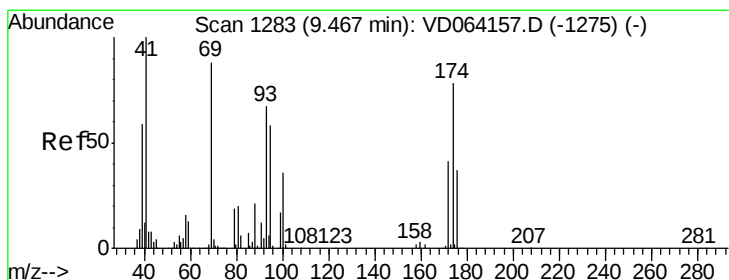
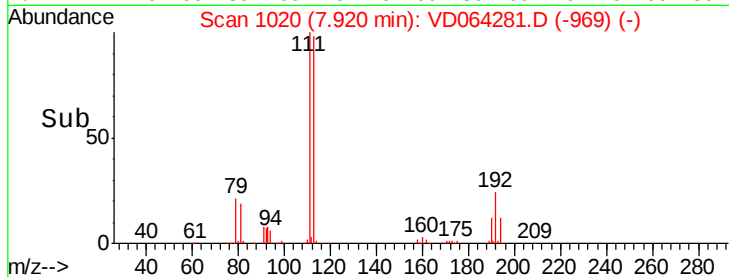
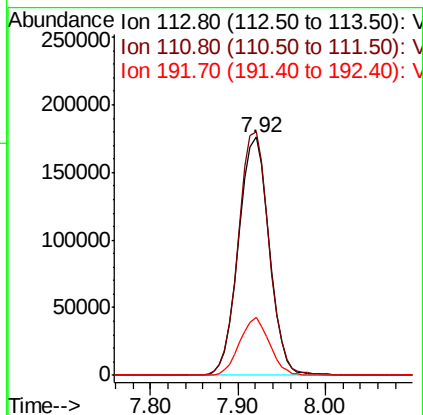
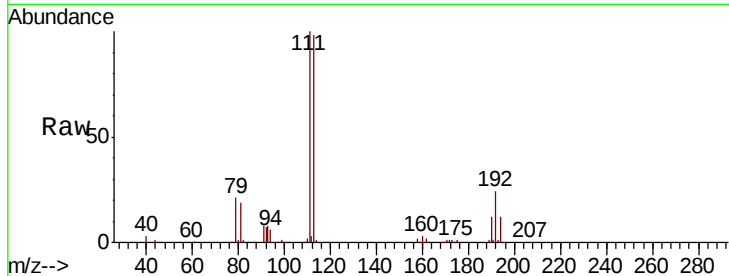




#35
 Dibromofluoromethane
 Concen: 52.135 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064281.D
 Acq: 19 Nov 2019 10:59

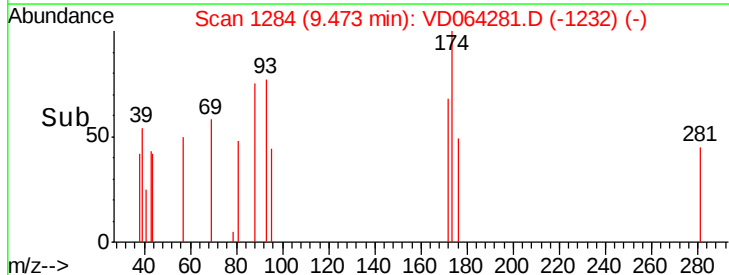
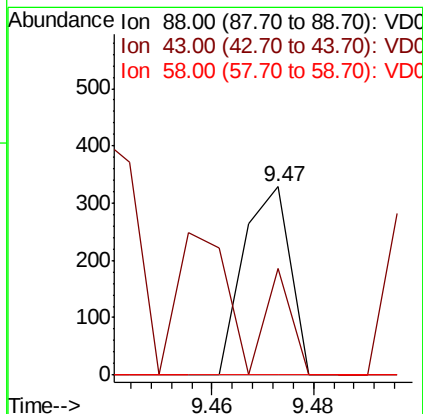
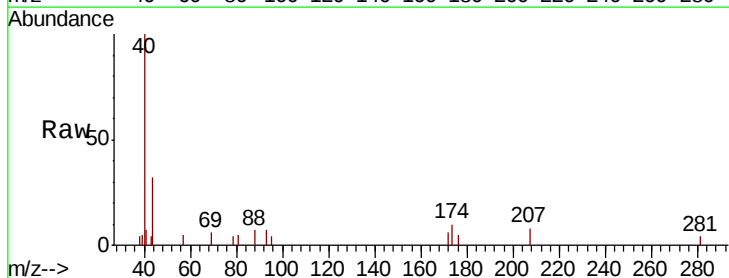
Instrument :
 MSVOA_D
 ClientSampleId :

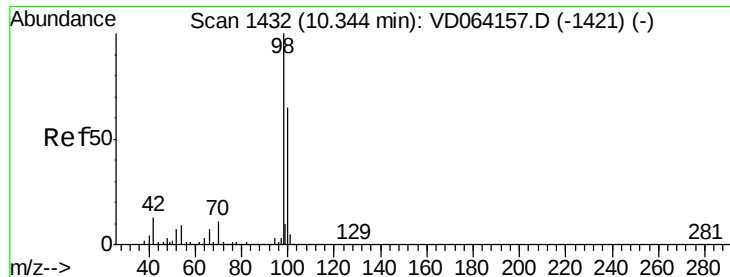
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	23.6	18.8	28.2



#49
 1,4-Dioxane
 Concen: 3.812 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VD064281.D
 Acq: 19 Nov 2019 10:59

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.8#
58	0.0	58.1	87.1#

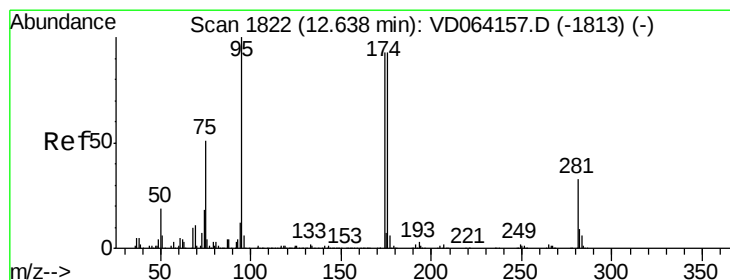
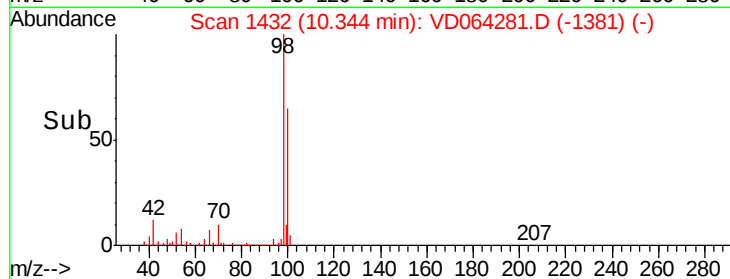
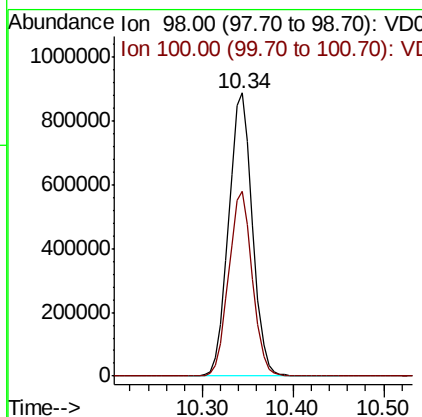
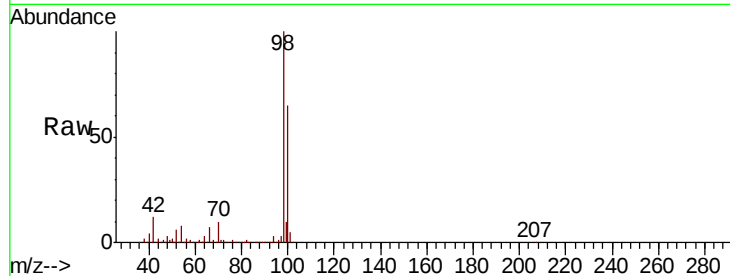




#50
Toluene-d8
Concen: 53.566 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064281.D
Acq: 19 Nov 2019 10:59

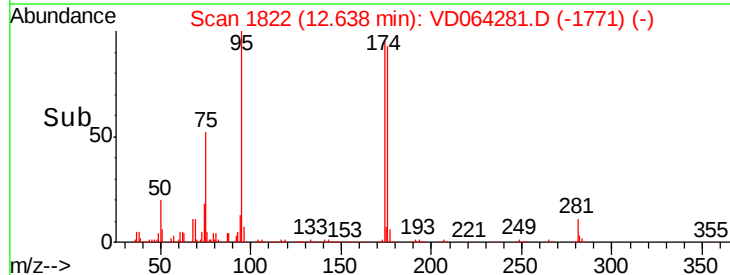
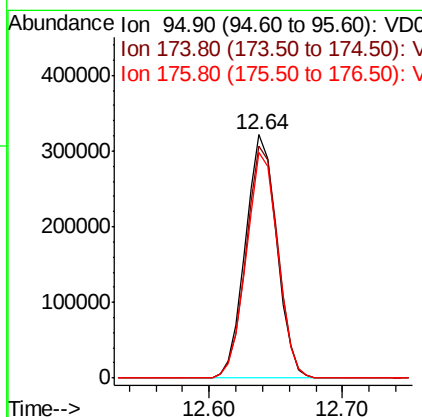
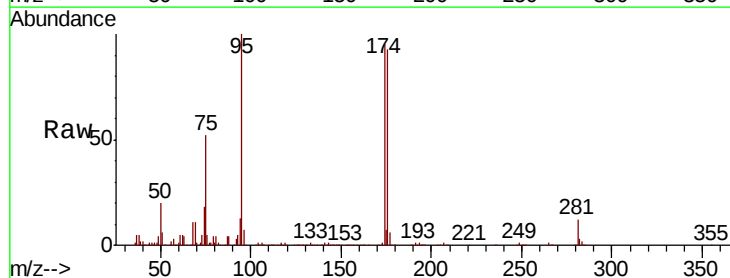
Instrument :
MSVOA_D
ClientSampleId :

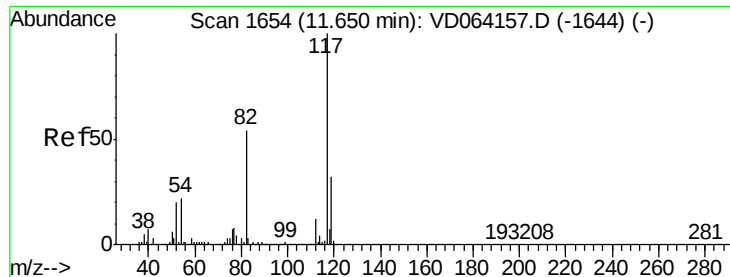
Tot Ion: 98 Resp: 1618593
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.639 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064281.D
Acq: 19 Nov 2019 10:59

Tgt Ion: 95 Resp: 519445
Ion Ratio Lower Upper
95 100
174 96.8 0.0 183.6
176 93.7 0.0 180.2

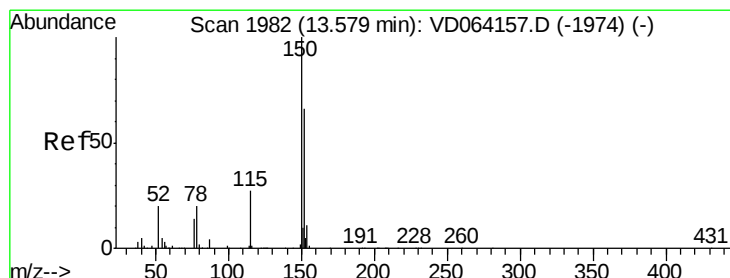
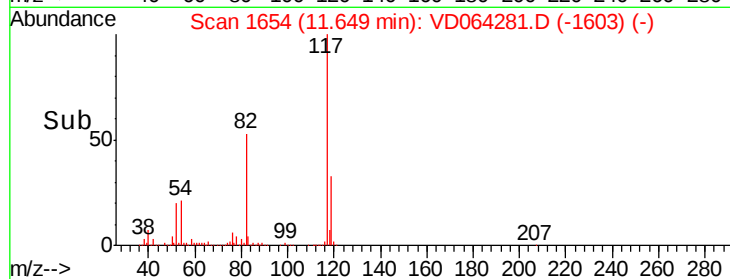
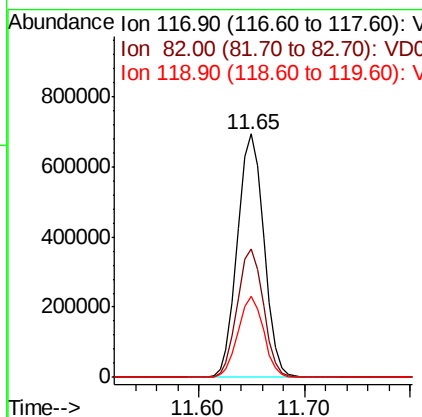
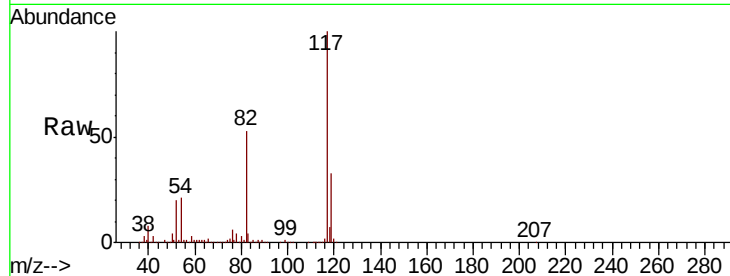




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064281.D
Acq: 19 Nov 2019 10:59

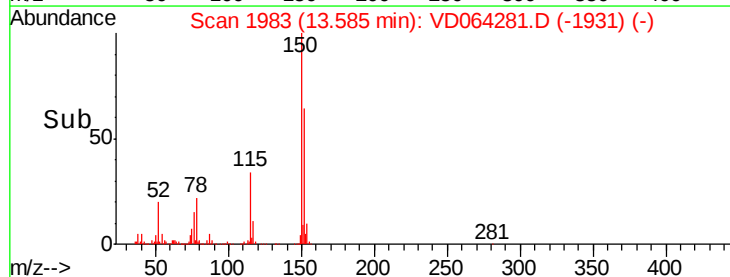
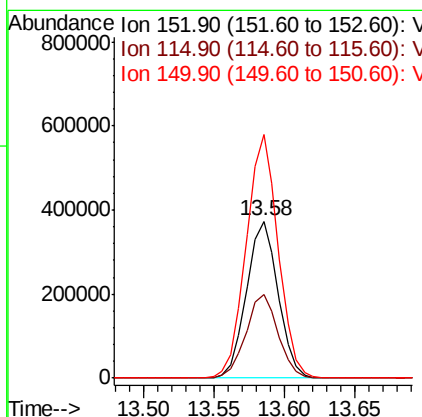
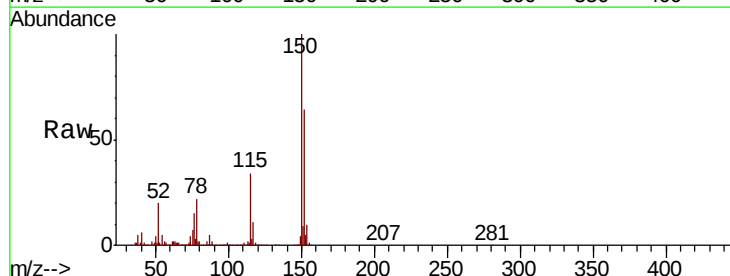
Instrument :
MSVOA_D
ClientSampled :

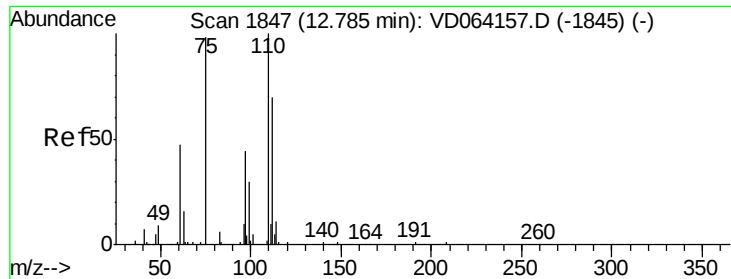
Tot Ion:117 Resp: 1203326
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064281.D
Acq: 19 Nov 2019 10:59

Tgt Ion:152 Resp: 588892
Ion Ratio Lower Upper
152 100
115 54.0 27.4 82.2
150 155.8 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 58.532 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

Instrument :

MSVOA_D

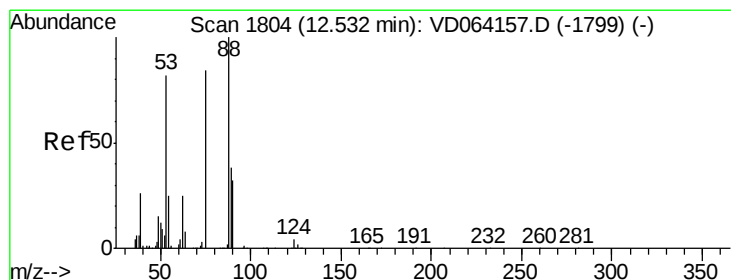
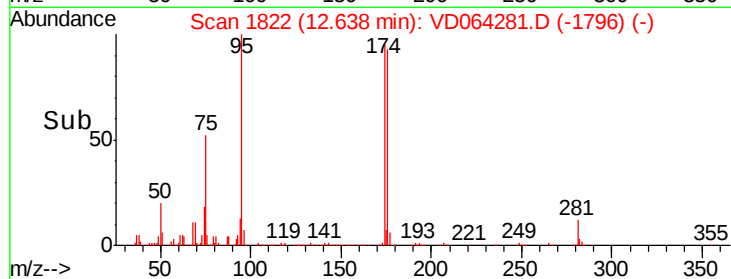
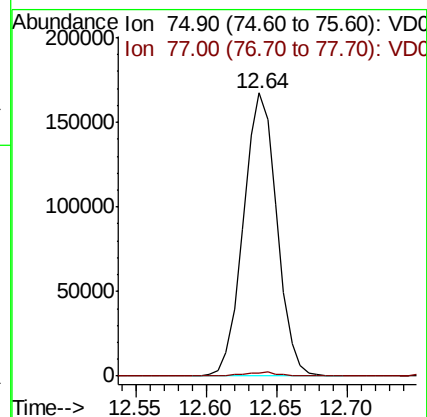
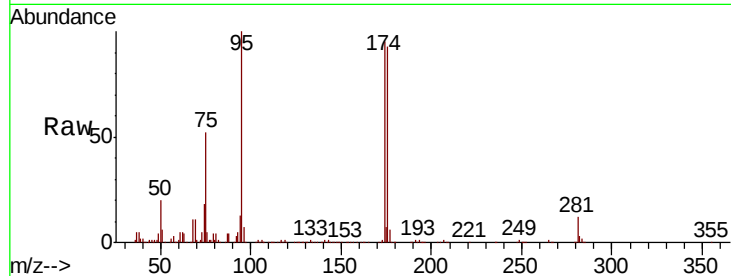
ClientSampleId :

Tot Ion: 75 Resp: 277637

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.267 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

Tgt Ion: 75 Resp: 277637

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#

