

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064385.D
 Acq On : 26 Nov 2019 15:45
 Operator : VA/SY
 Sample : K6024-02
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 05:51:35 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

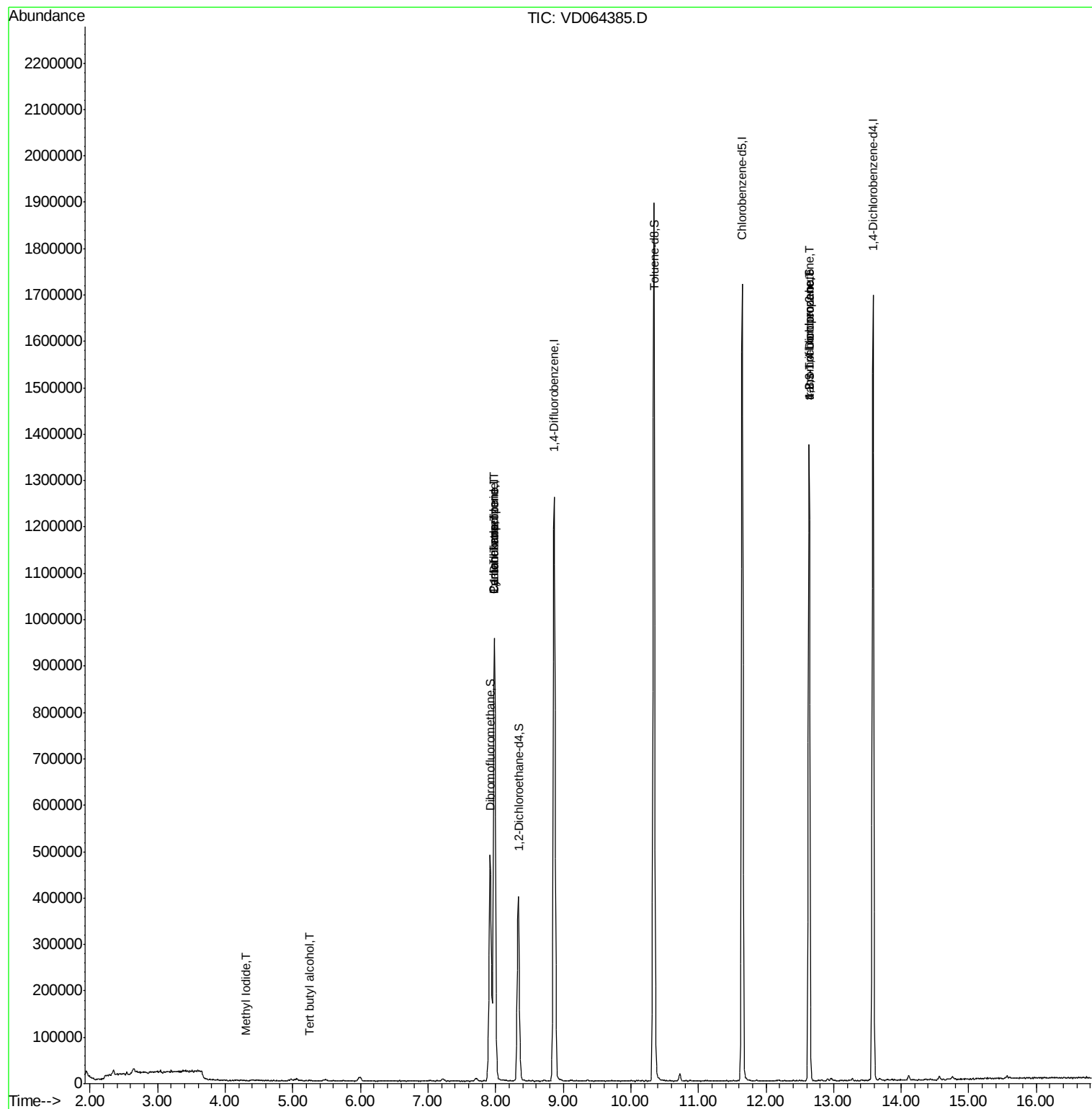
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	770654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1125299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	990147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	466829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	318142	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	7.92	113	337375	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.34	98	1334187	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.64	95	414792	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	222	2.059	ug/l #	41
11) Tert butyl alcohol	5.25	59	869	1.963	ug/l #	69
31) Cyclohexane	7.98	56	15502	1.246	ug/l #	29
36) 1,1-Dichloropropene	7.98	75	50379	4.851	ug/l #	50
38) Carbon Tetrachloride	7.98	117	70547	6.348	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	217788	57.920	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	217788	115.051	ug/l #	10

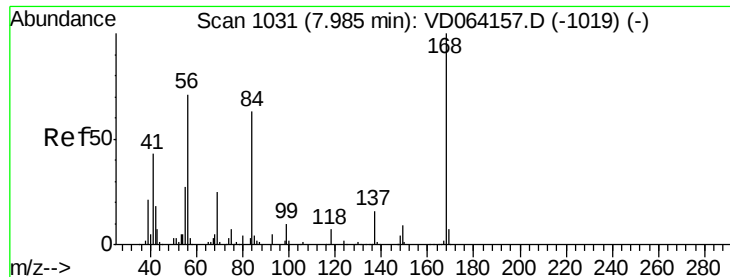
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD064385.D

Acq: 26 Nov 2019 15:45

Instrument :

MSVOA_D

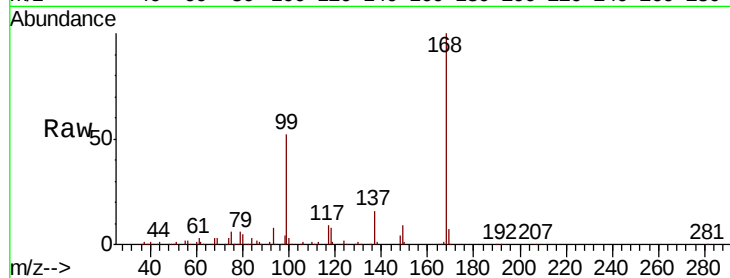
ClientSampleId :

Tot Ion:168 Resp: 770654

Ion Ratio Lower Upper

168 100

99 51.9 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

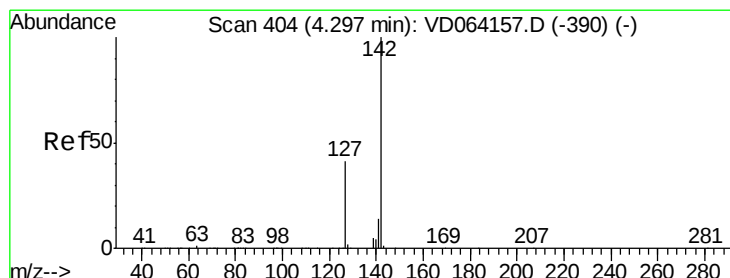
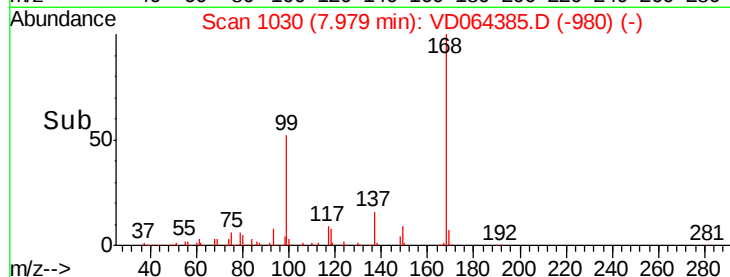
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.059 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064385.D

Acq: 26 Nov 2019 15:45

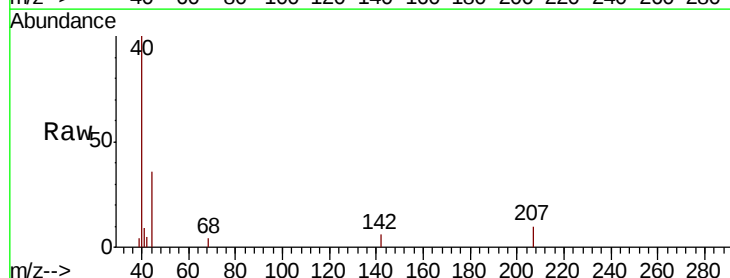
Tgt Ion:142 Resp: 222

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

4.30

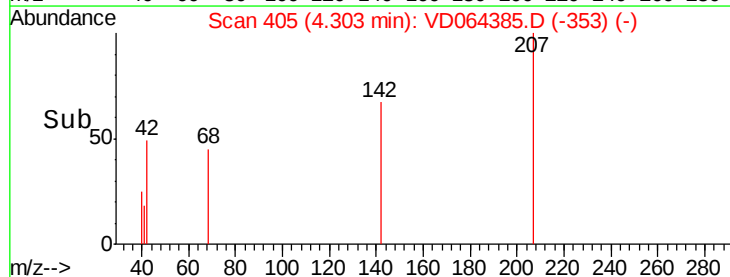
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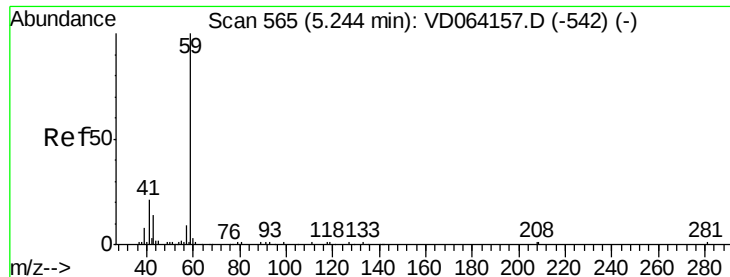
200

100

0

Time-->



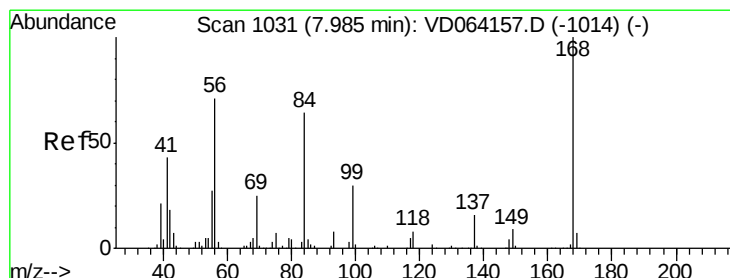
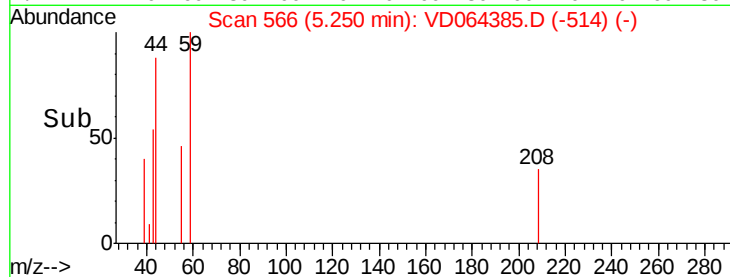
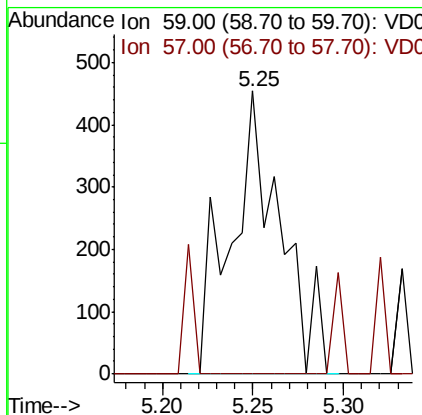
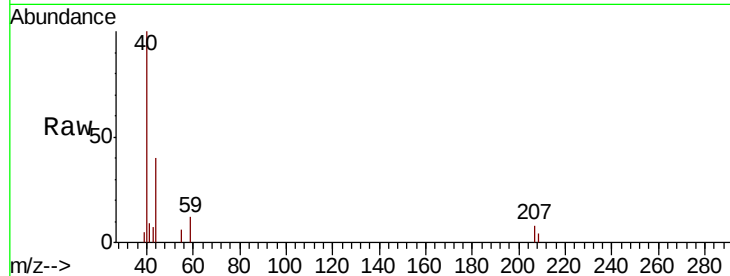


#11

Tert butyl alcohol
 Concen: 1.963 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD064385.D
 Acq: 26 Nov 2019 15:45

Instrument :
 MSVOA_D
 ClientSampled :

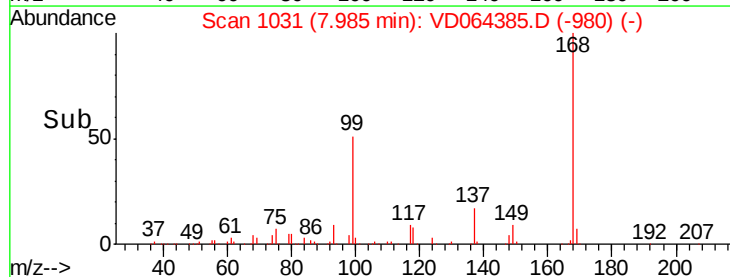
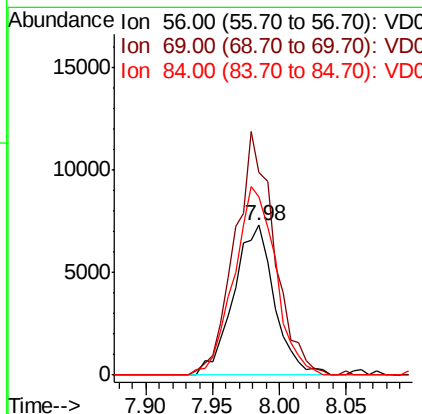
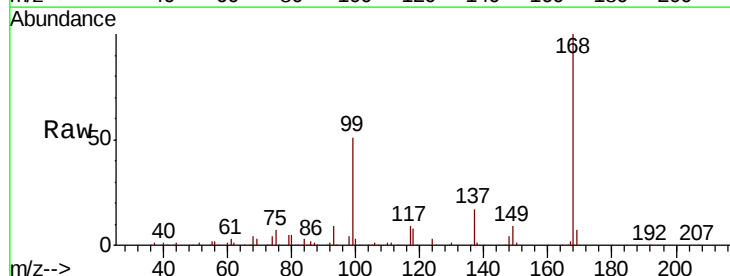
Tot Ion: 59 Resp: 869
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.2#

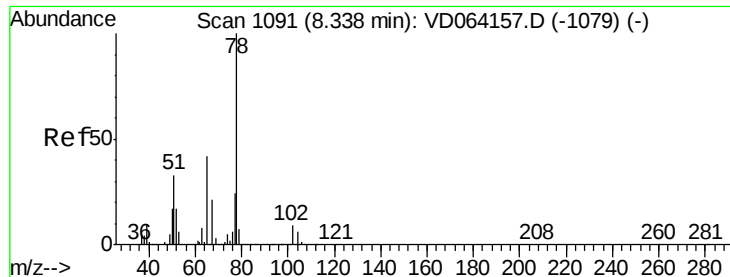


#31

Cyclohexane
 Concen: 1.246 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VD064385.D
 Acq: 26 Nov 2019 15:45

Tgt Ion: 56 Resp: 15502
 Ion Ratio Lower Upper
 56 100
 69 135.0 28.2 42.4#
 84 119.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 50.195 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064385.D

Acq: 26 Nov 2019 15:45

Instrument :

MSVOA_D

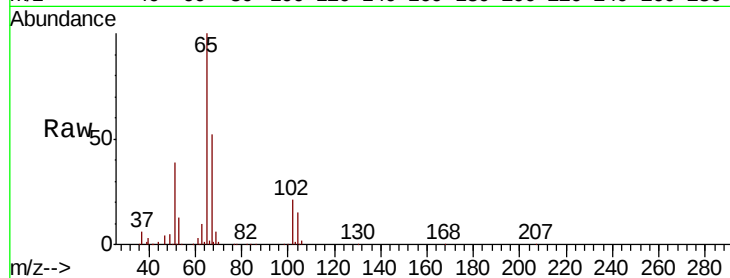
ClientSampleId :

Tot Ion: 65 Resp: 318142

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.34

150000

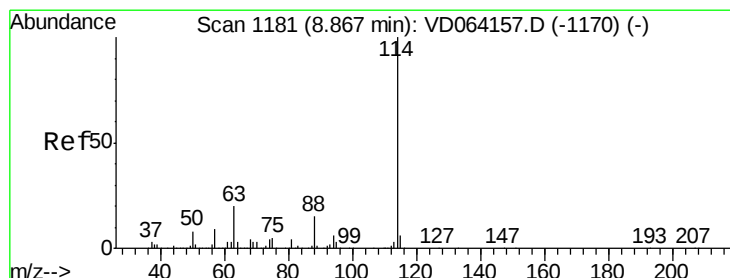
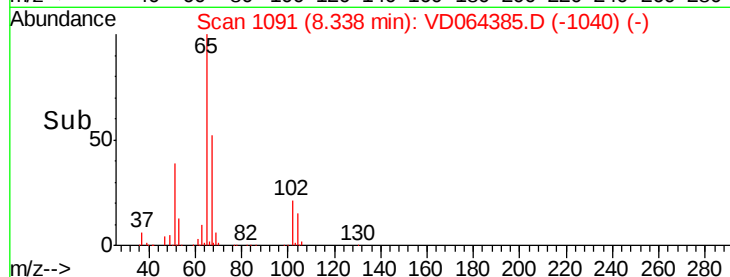
100000

50000

0

Time-->

8.25 8.30 8.35 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: VD064385.D

Acq: 26 Nov 2019 15:45

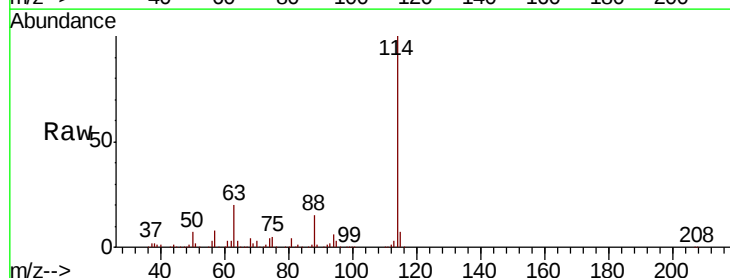
Tgt Ion: 114 Resp: 1125299

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.0 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

600000

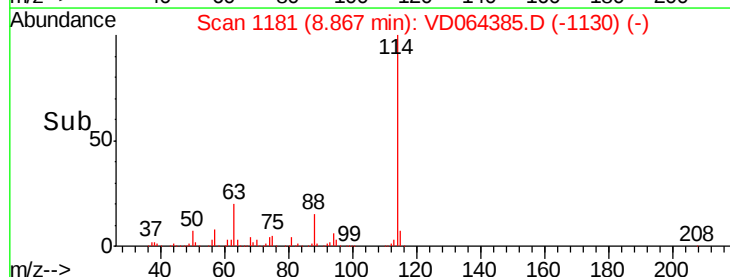
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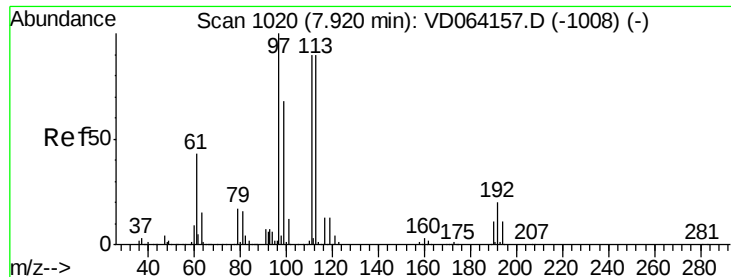
200000

0

Time-->

8.80 8.90 9.00

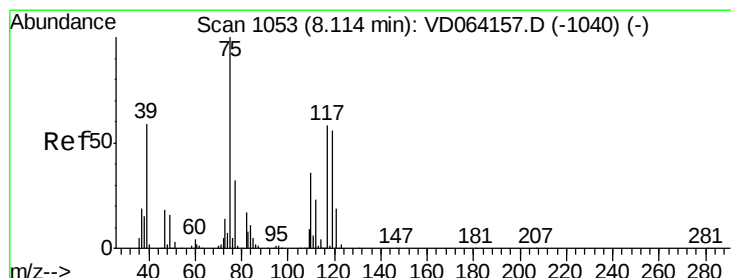
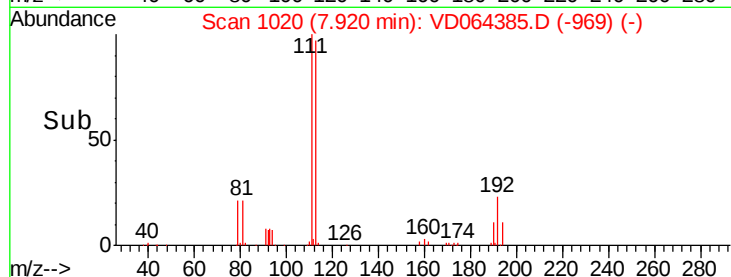
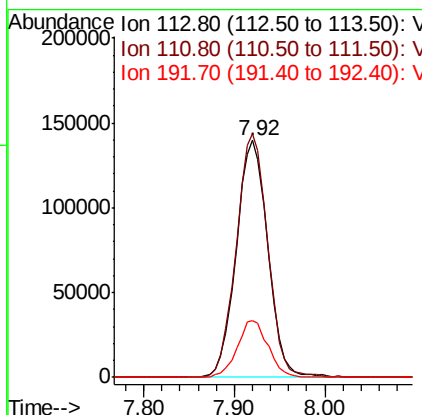
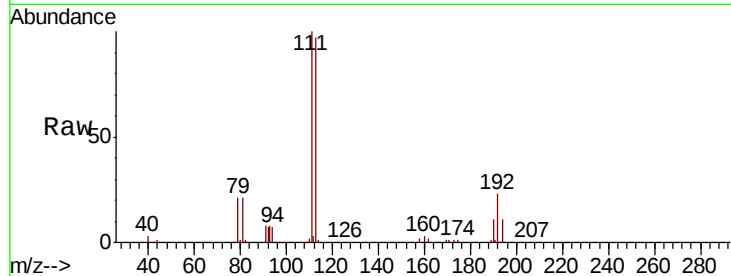




#35
 Dibromofluoromethane
 Concen: 52.230 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064385.D
 Acq: 26 Nov 2019 15:45

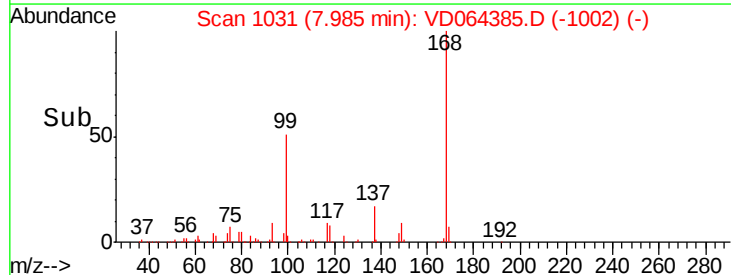
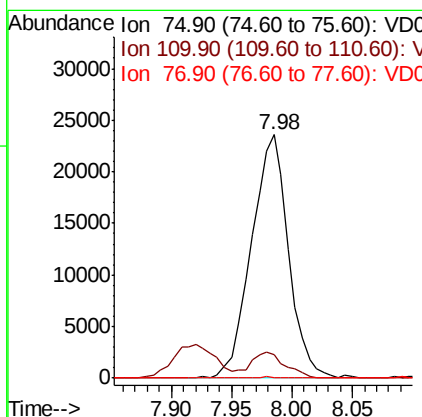
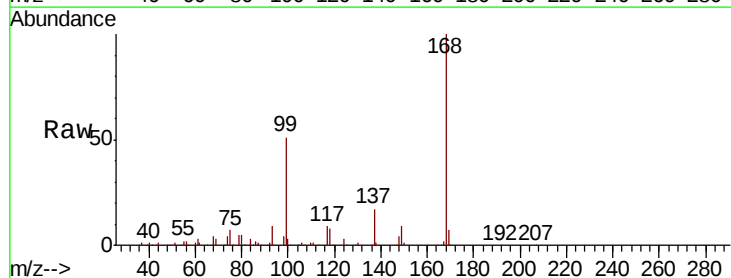
Instrument :
 MSVOA_D
 ClientSampleId :

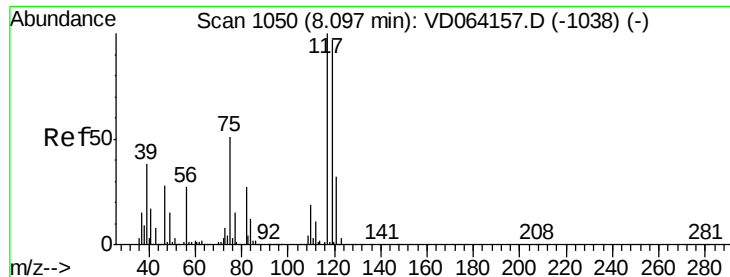
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.4	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064385.D
 Acq: 26 Nov 2019 15:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.3	54.9#
77	0.1	25.0	37.6#

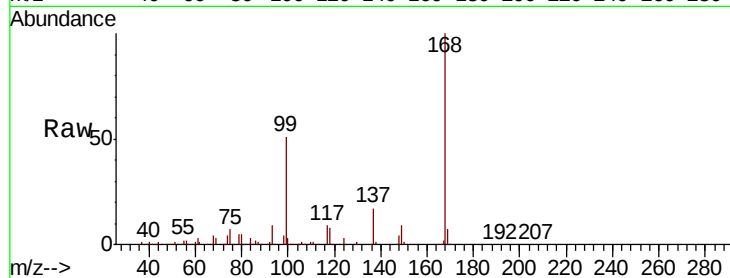




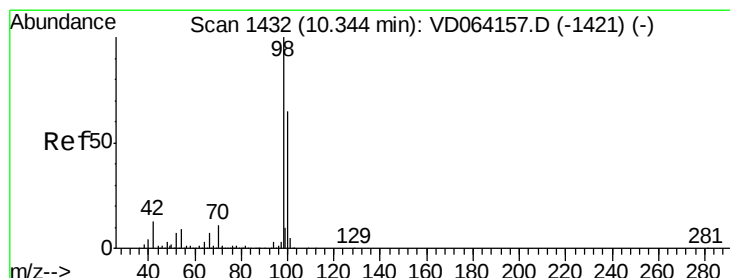
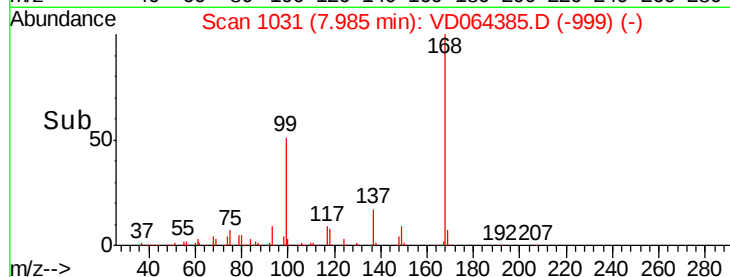
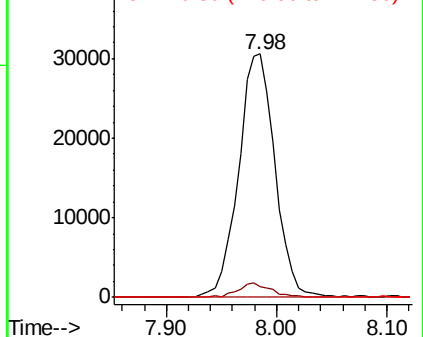
#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064385.D
Acq: 26 Nov 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 70547
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.5 38.3#

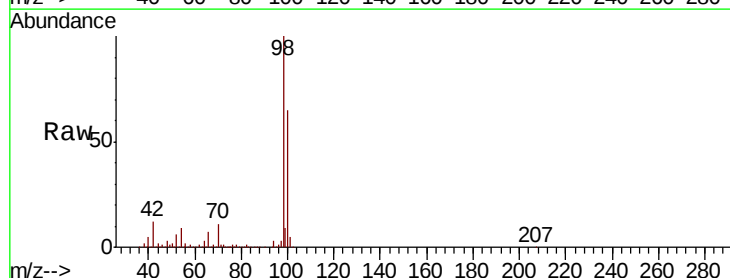


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

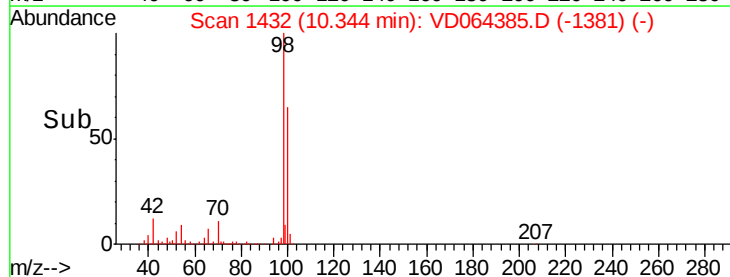
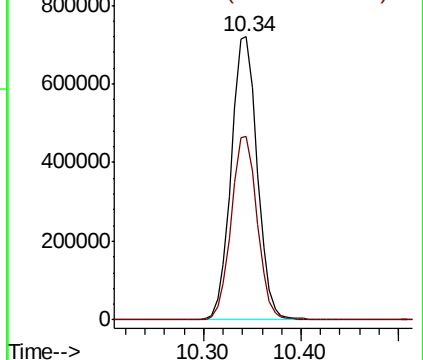


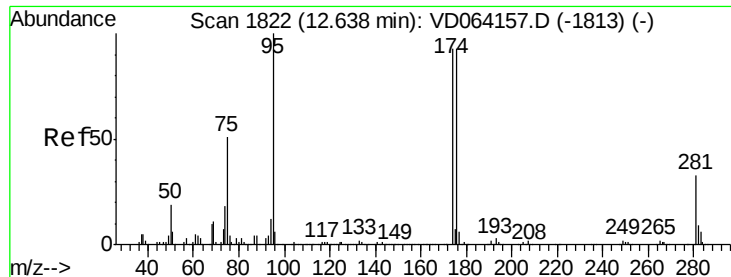
#50
Toluene-d8
Concen: 54.753 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064385.D
Acq: 26 Nov 2019 15:45

Tgt Ion: 98 Resp: 1334187
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

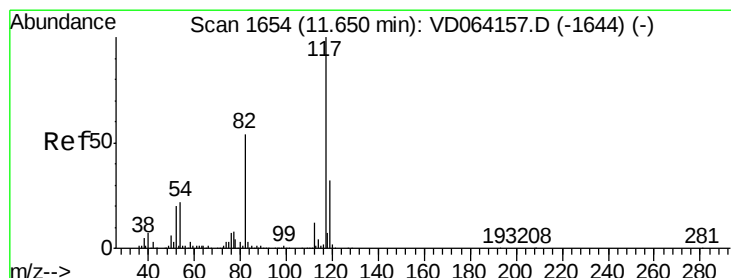
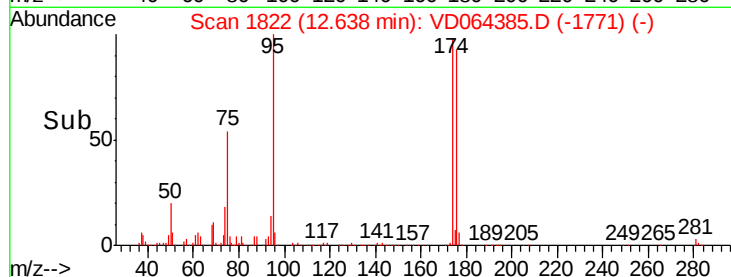
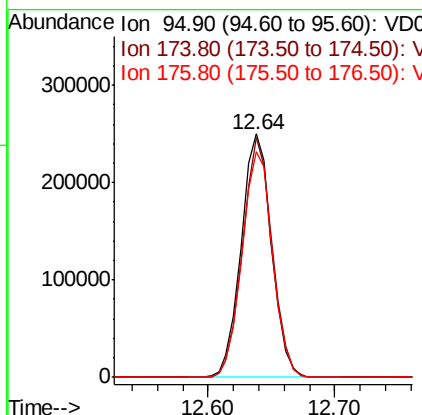
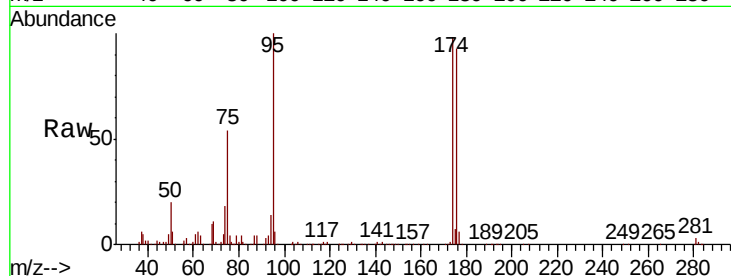




#62
4-Bromofluorobenzene
Concen: 49.154 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064385.D
Acq: 26 Nov 2019 15:45

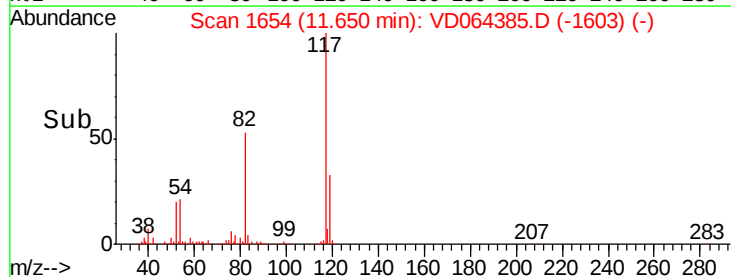
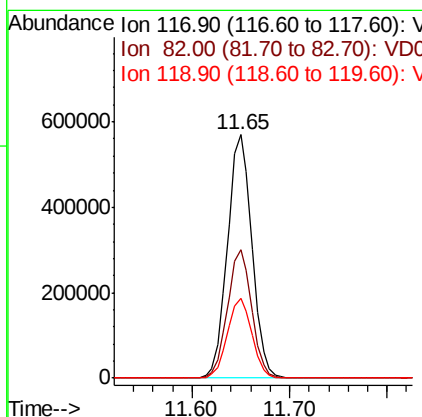
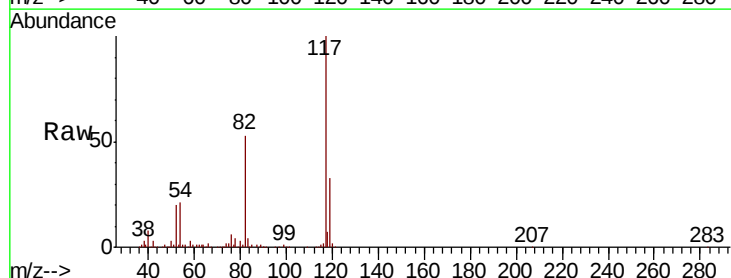
Instrument :
MSVOA_D
ClientSampleId :

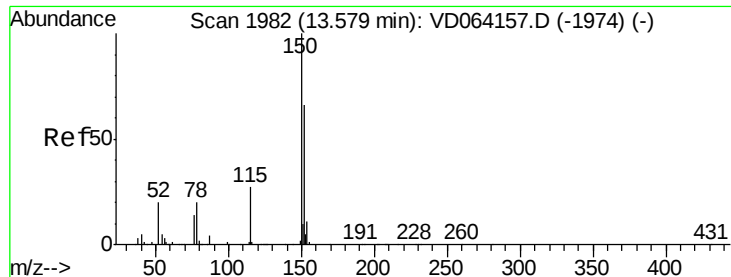
Tot Ion: 95 Resp: 414792
Ion Ratio Lower Upper
95 100
174 96.2 0.0 183.6
176 93.2 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064385.D
Acq: 26 Nov 2019 15:45

Tgt Ion: 117 Resp: 990147
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.7 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: VD064385.D

Acq: 26 Nov 2019 15:45

Instrument :

MSVOA_D

ClientSampled :

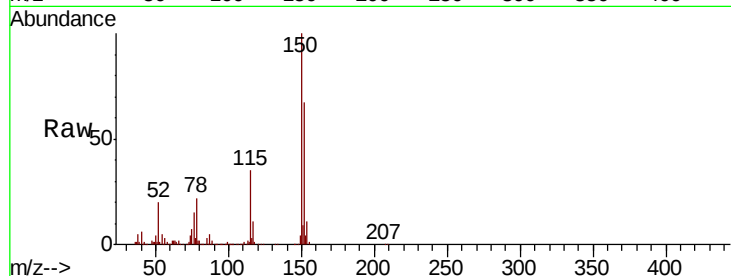
Tot Ion:152 Resp: 466829

Ion Ratio Lower Upper

152 100

115 53.7 27.4 82.2

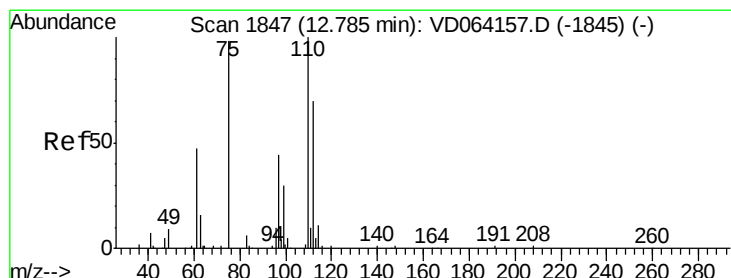
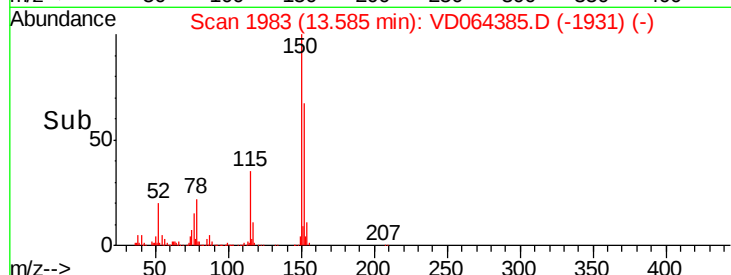
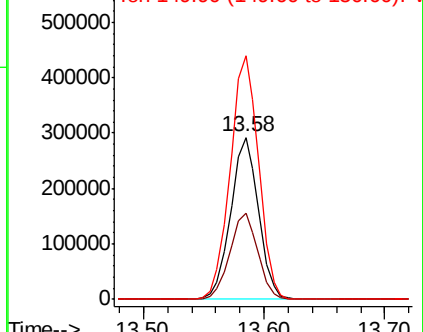
150 153.7 0.0 351.6



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: 57.920 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064385.D

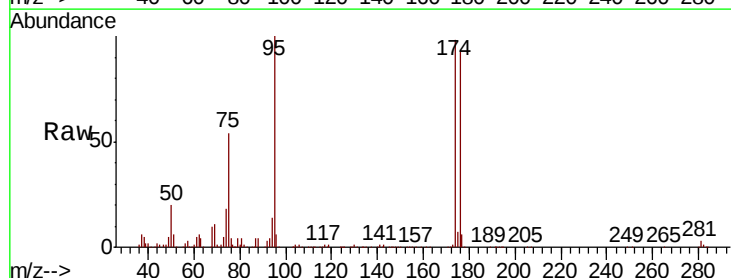
Acq: 26 Nov 2019 15:45

Tgt Ion: 75 Resp: 217788

Ion Ratio Lower Upper

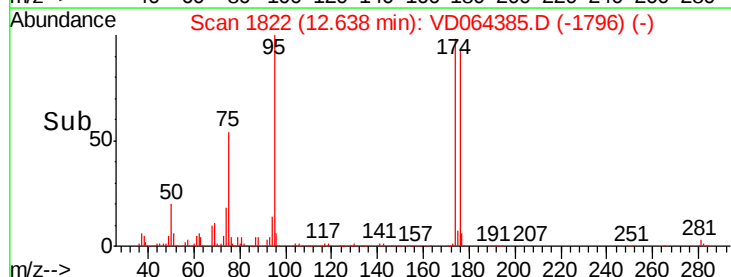
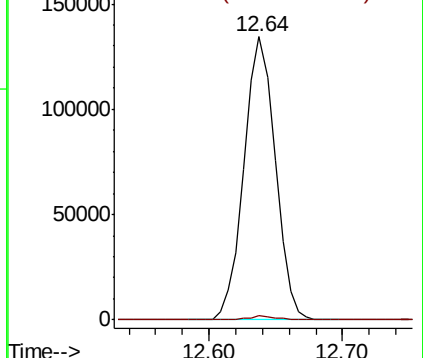
75 100

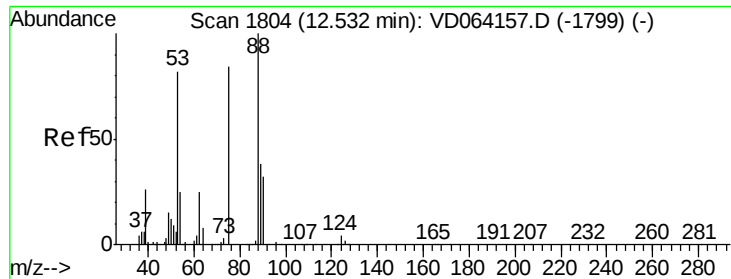
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 115.051 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064385.D

Acq: 26 Nov 2019 15:45

Instrument :

MSVOA_D

ClientSampleId :

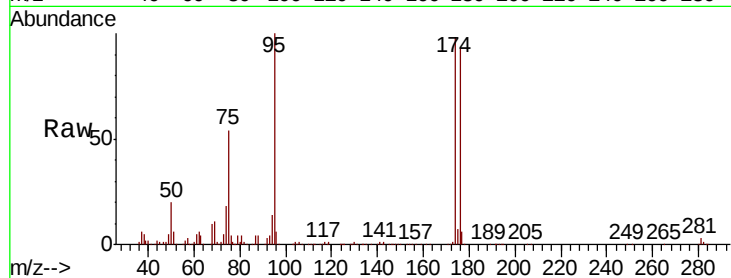
Tot Ion: 75 Resp: 217788

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

