

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064200.D
 Acq On : 12 Nov 2019 17:05
 Operator : VA/SY
 Sample : K5749-01RE
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 04:12:16 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

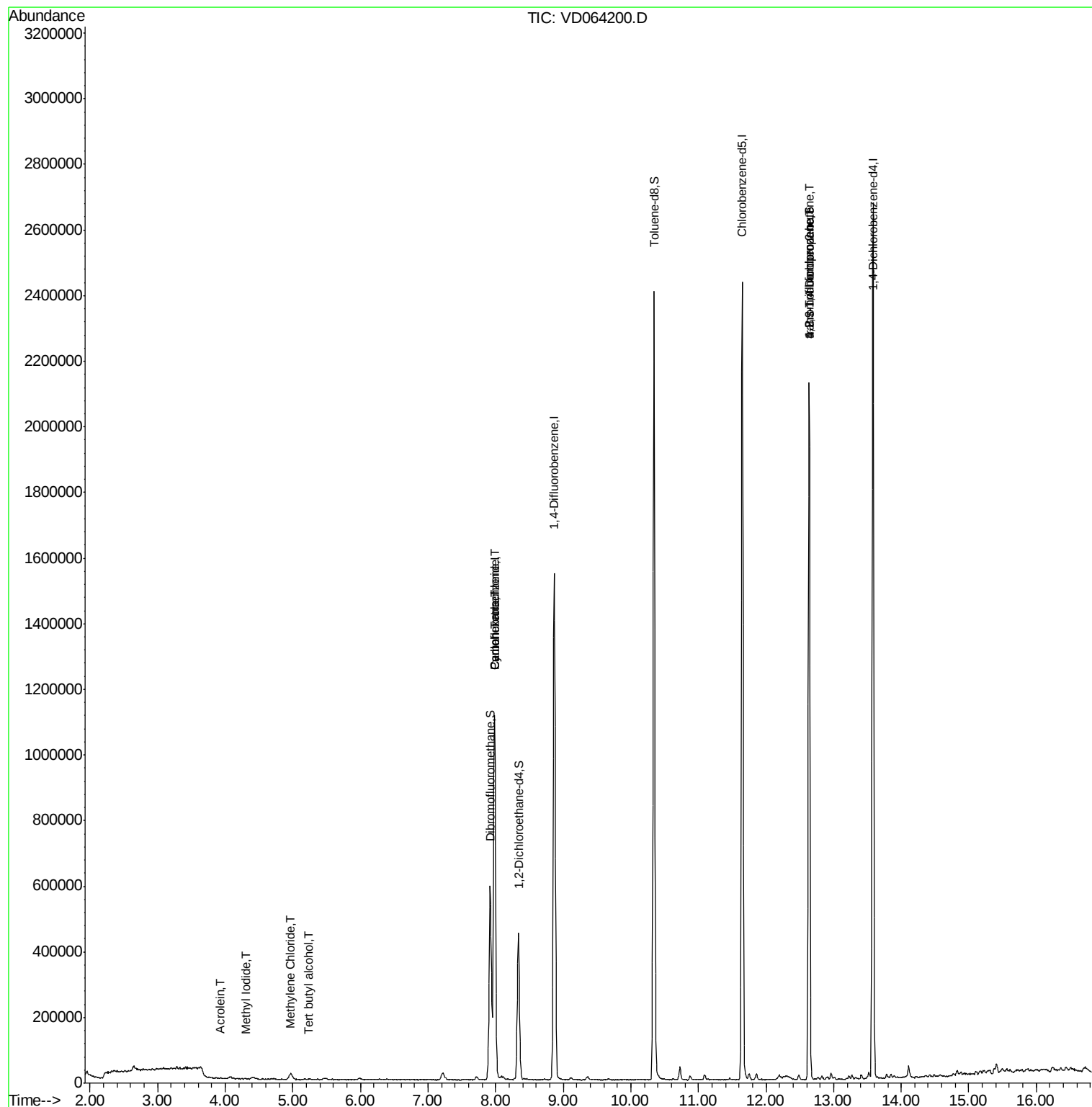
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	902293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1337880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1392708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	730625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	363006	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	7.92	113	397886	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
50) Toluene-d8	10.34	98	1618021	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
62) 4-Bromofluorobenzene	12.64	95	649893	64.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.56%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1264	2.165	ug/l #	59
11) Tert butyl alcohol	5.23	59	521	1.005	ug/l #	65
13) Acrolein	3.93	56	641	1.462	ug/l #	43
20) Methylene Chloride	4.97	84	14232	1.603	ug/l #	83
31) Cyclohexane	7.99	56	20608	1.415	ug/l #	50
38) Carbon Tetrachloride	7.98	117	81641	6.179	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	340538	57.866	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	340538	114.944	ug/l #	10

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

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Quant Time: Nov 13 04:12:16 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064200.D

Acq: 12 Nov 2019 17:05

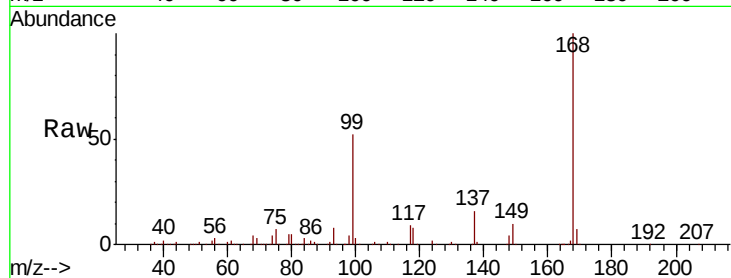
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 902293

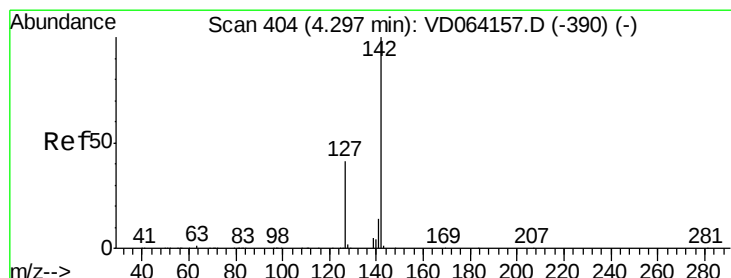
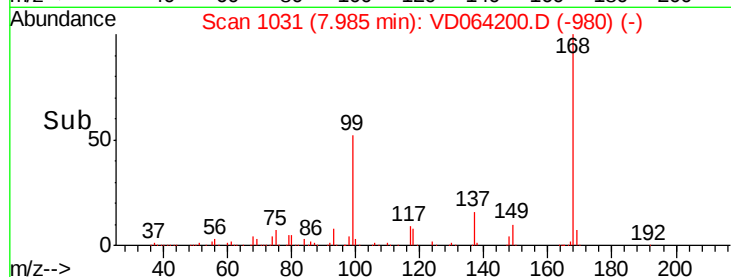
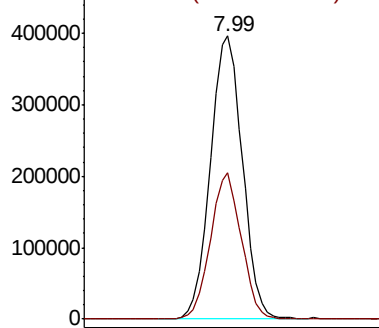
Ion Ratio Lower Upper

168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.165 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064200.D

Acq: 12 Nov 2019 17:05

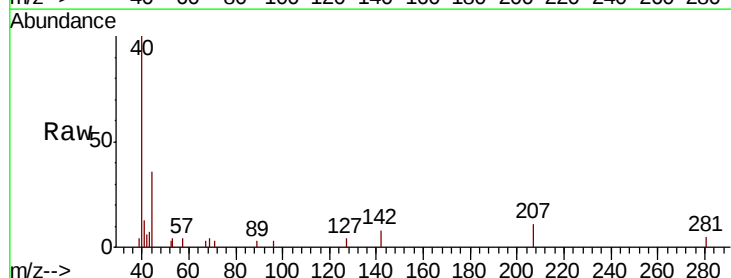
Tgt Ion:142 Resp: 1264

Ion Ratio Lower Upper

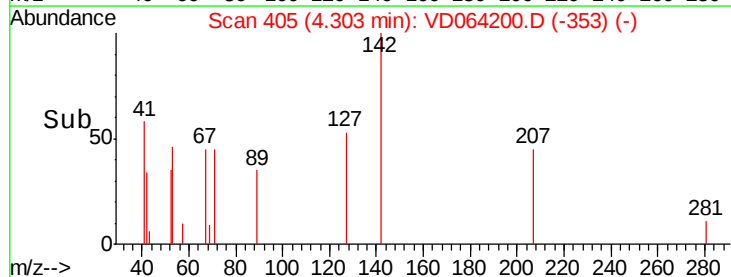
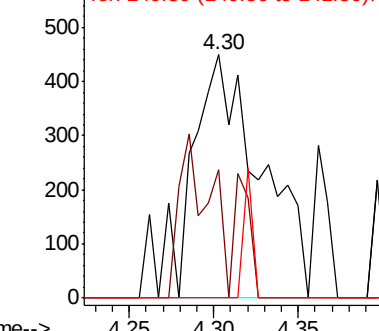
142 100

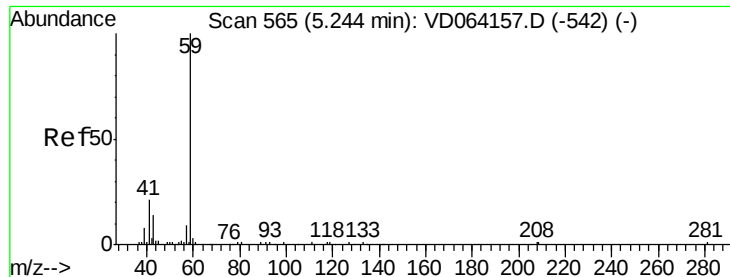
127 11.6 34.4 51.6#

141 6.6 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

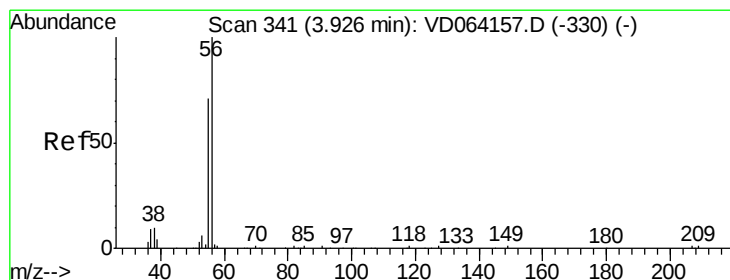
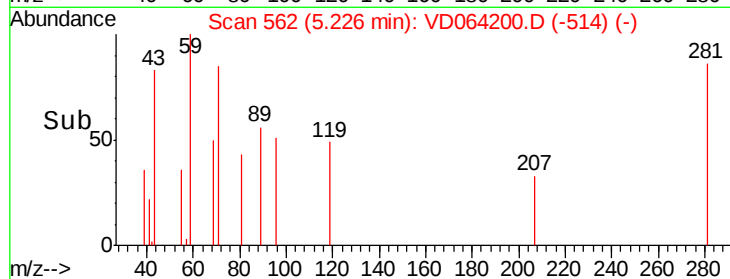
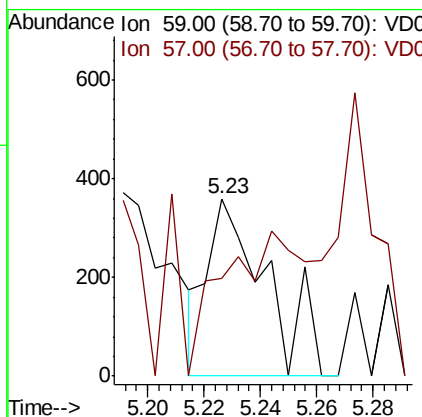
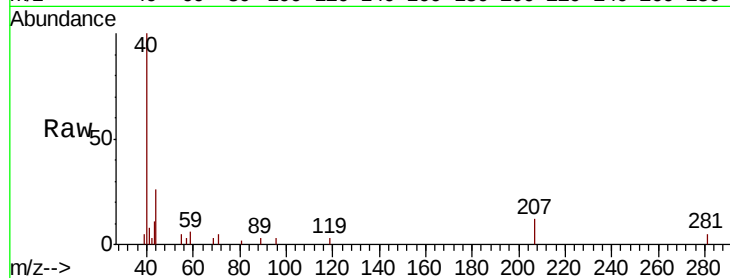




#11
Tert butyl alcohol
Concen: 1.005 ug/l
RT: 5.23 min Scan# 562
Delta R.T. -0.02 min
Lab File: VD064200.D
Acq: 12 Nov 2019 17:05

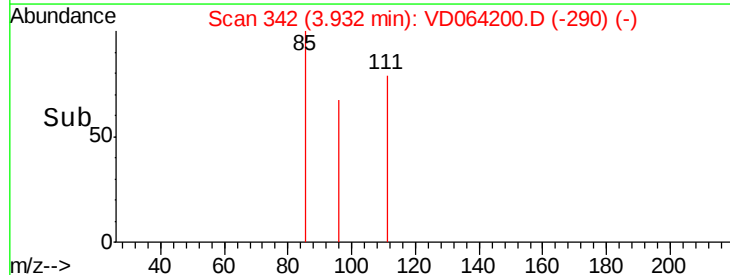
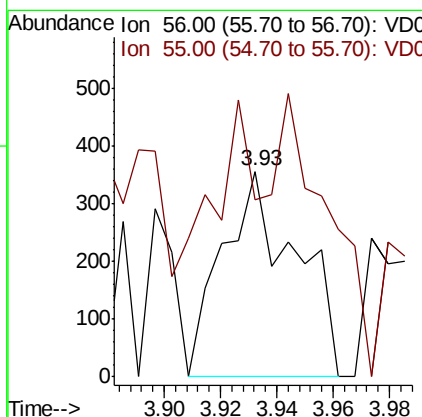
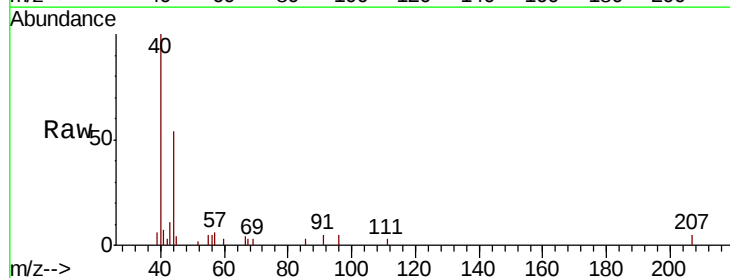
Instrument :
MSVOA_D
ClientSampled :

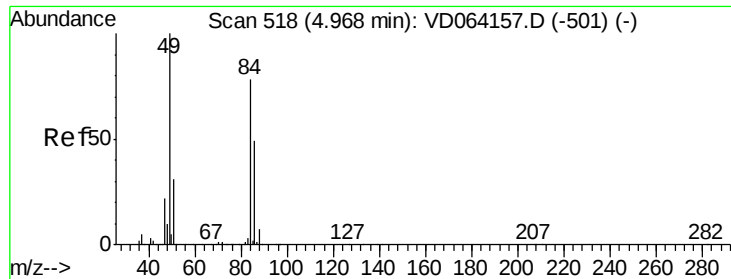
Tot Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 25.1 9.4 14.2#



#13
Acrolein
Concen: 1.462 ug/l
RT: 3.93 min Scan# 342
Delta R.T. 0.01 min
Lab File: VD064200.D
Acq: 12 Nov 2019 17:05

Tgt Ion: 56 Resp: 641
Ion Ratio Lower Upper
56 100
55 22.9 56.1 84.1#

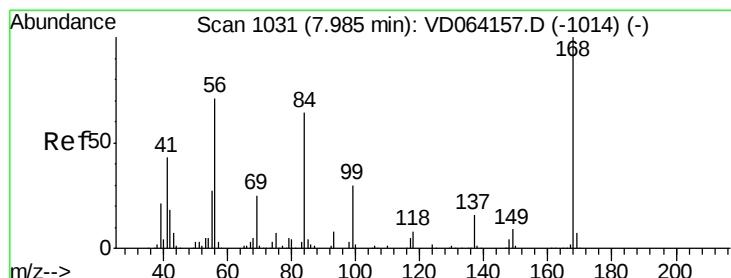
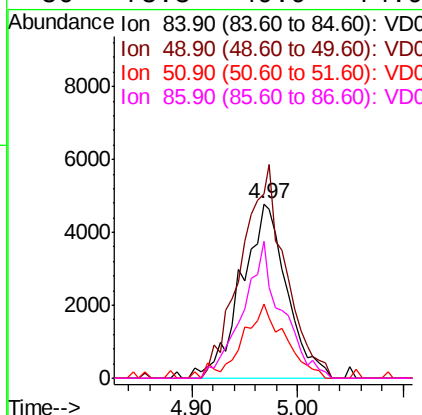
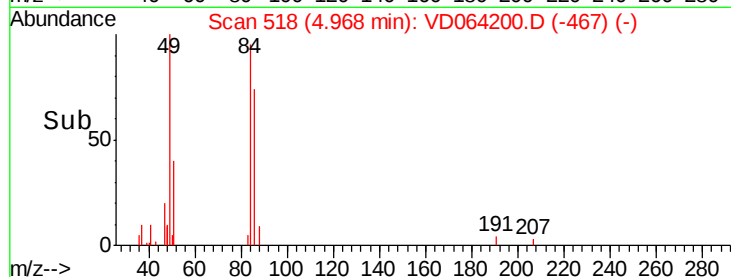
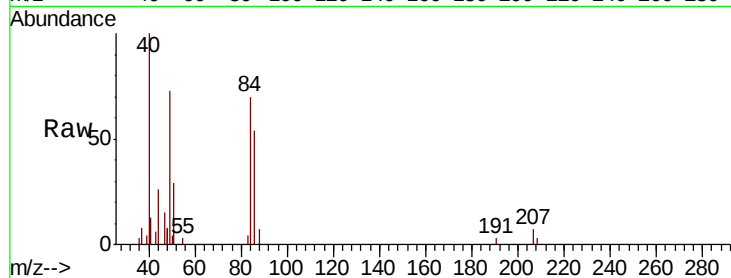




#20
Methvlene Chloride
Concen: 1.603 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD064200.D
Acq: 12 Nov 2019 17:05

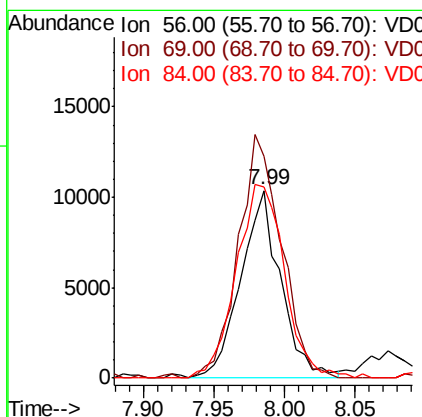
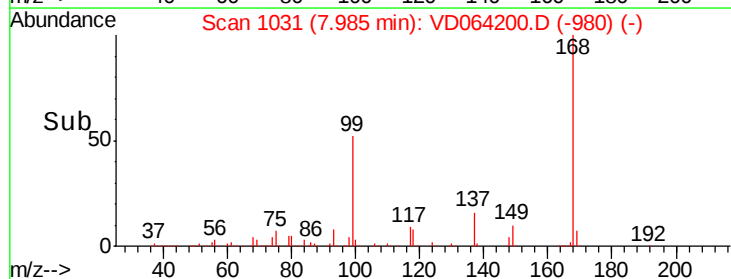
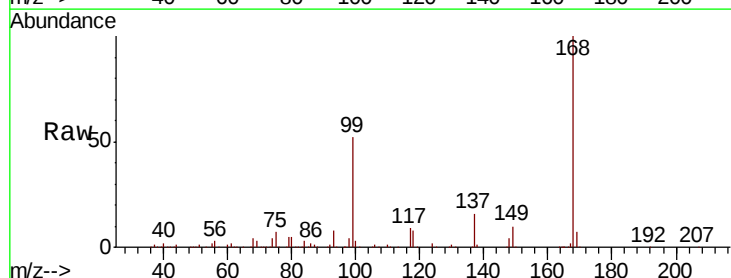
Instrument :
MSVOA_D
ClientSampleId :

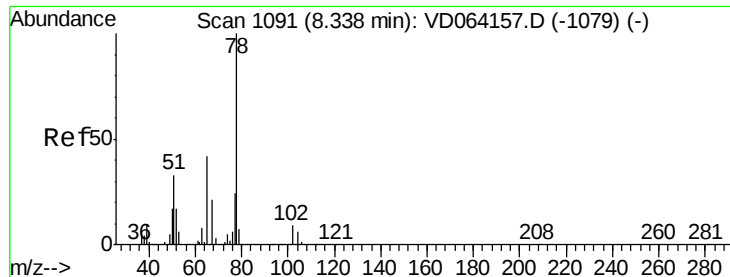
Tot Ion: 84 Resp: 14232
Ion Ratio Lower Upper
84 100
49 105.4 102.1 153.1
51 42.3 32.2 48.2
86 78.3 49.9 74.9#



#31
Cyclohexane
Concen: 1.415 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064200.D
Acq: 12 Nov 2019 17:05

Tgt Ion: 56 Resp: 20608
Ion Ratio Lower Upper
56 100
69 118.4 28.2 42.4#
84 102.2 71.8 107.6

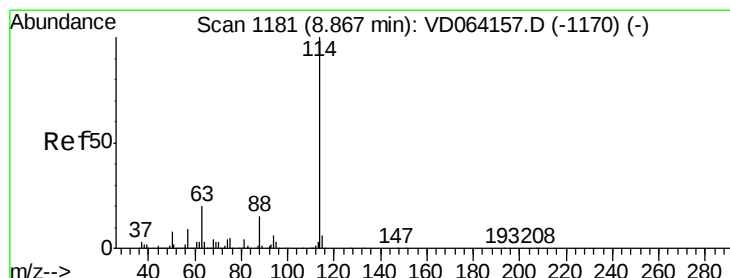
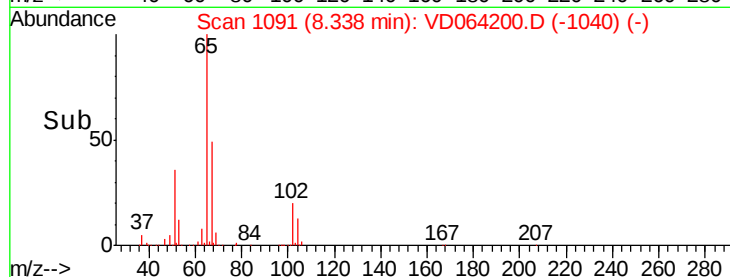
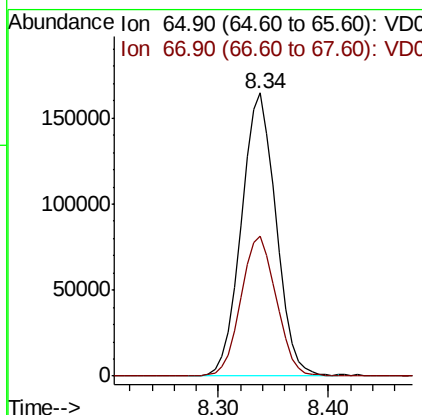
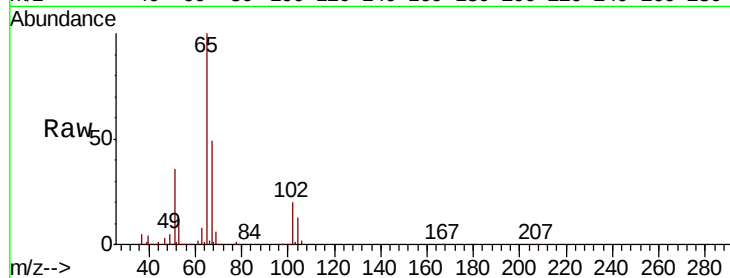




#33
 1,2-Dichloroethane-d4
 Concen: 48.917 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064200.D
 Acq: 12 Nov 2019 17:05

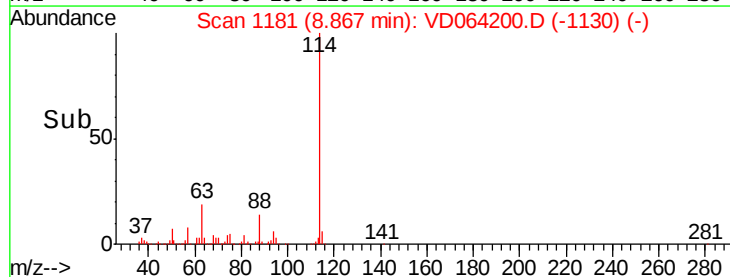
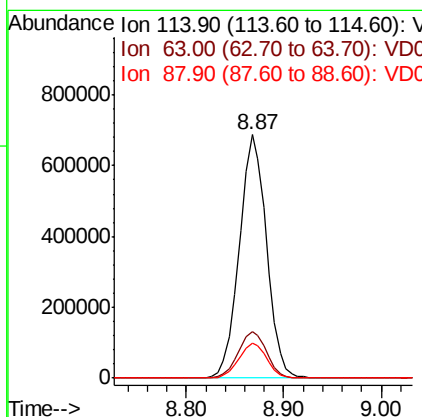
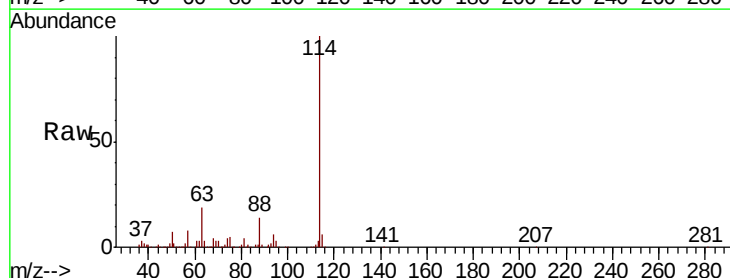
Instrument :
 MSVOA_D
 ClientSampleId :

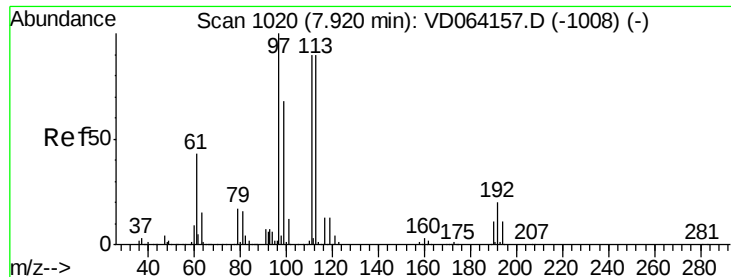
Tot Ion: 65 Resp: 363006
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064200.D
 Acq: 12 Nov 2019 17:05

Tgt Ion: 114 Resp: 1337880
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.2 0.0 30.2

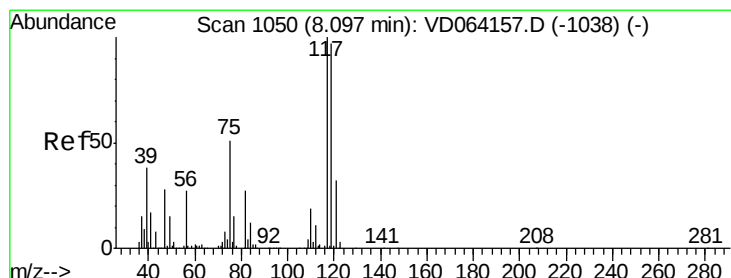
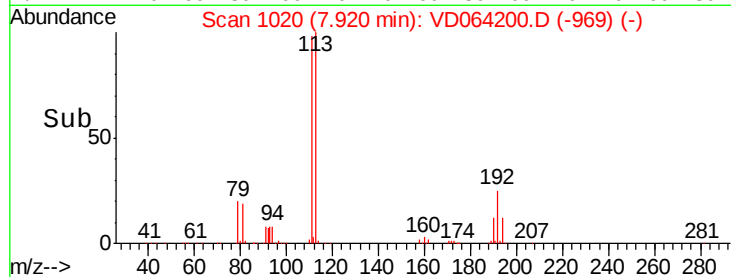
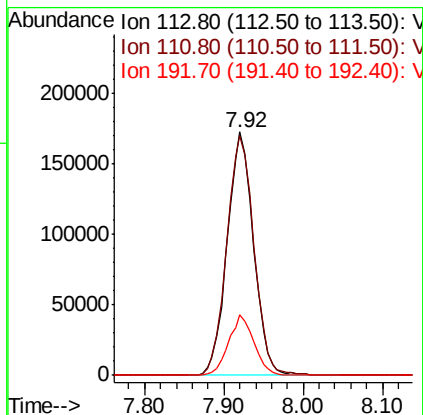
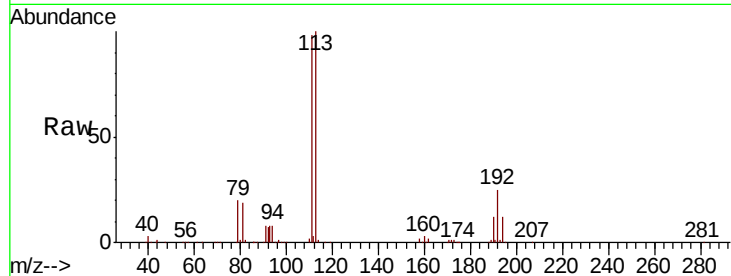




#35
 Dibromofluoromethane
 Concen: 51.810 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064200.D
 Acq: 12 Nov 2019 17:05

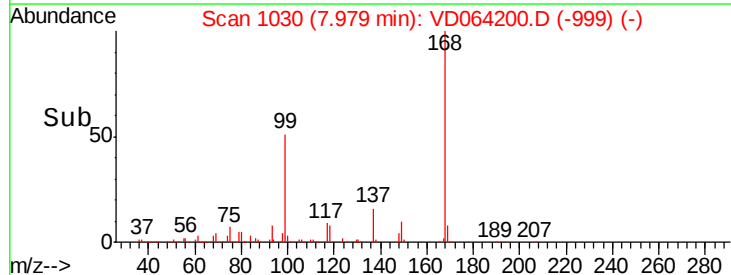
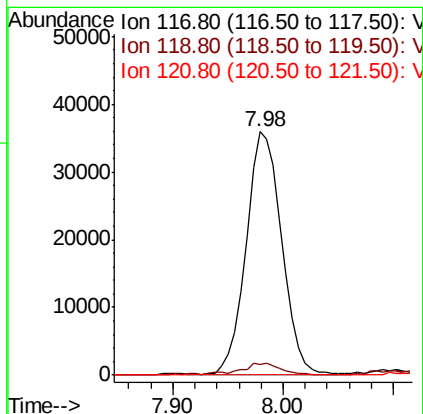
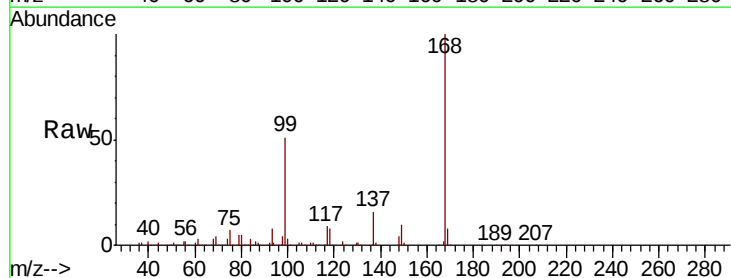
Instrument :
 MSVOA_D
 ClientSampleId :

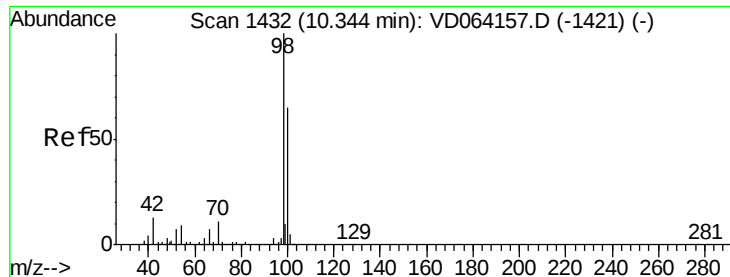
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	23.9	18.8	28.2



#38
 Carbon Tetrachloride
 Concen: 6.179 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064200.D
 Acq: 12 Nov 2019 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.2	115.8#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 55.850 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064200.D

Acq: 12 Nov 2019 17:05

Instrument :

MSVOA_D

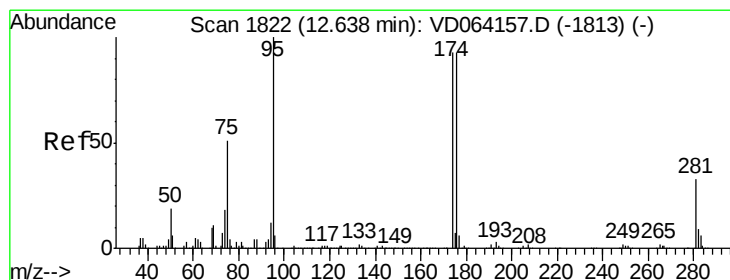
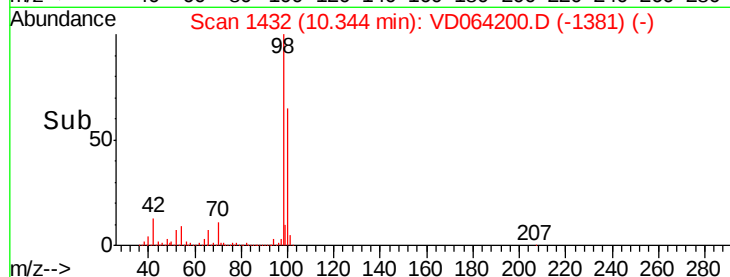
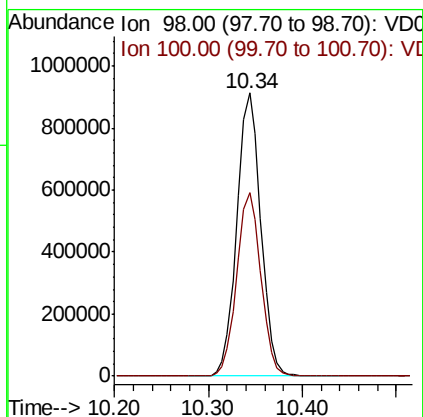
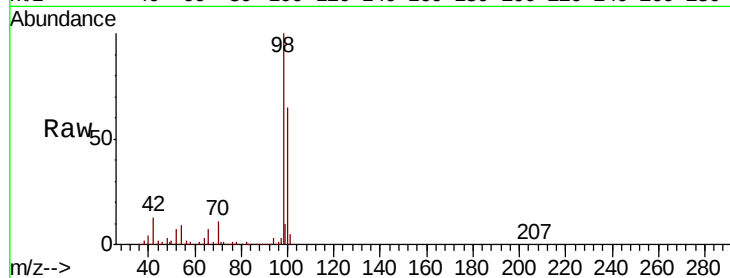
ClientSampled :

Tot Ion: 98 Resp: 1618021

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 64.777 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064200.D

Acq: 12 Nov 2019 17:05

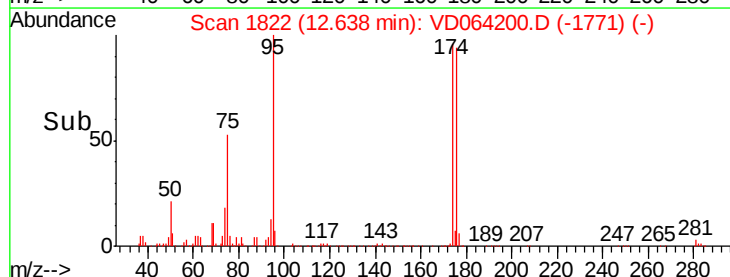
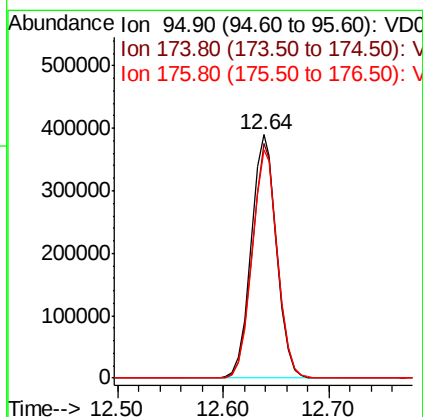
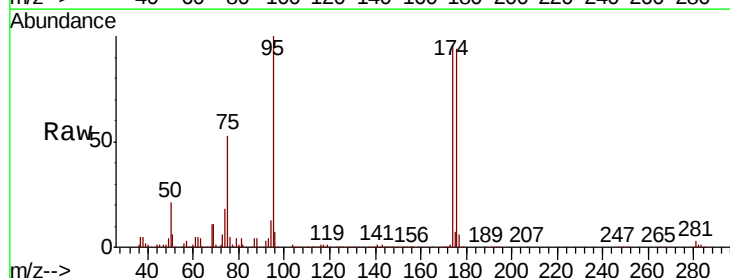
Tgt Ion: 95 Resp: 649893

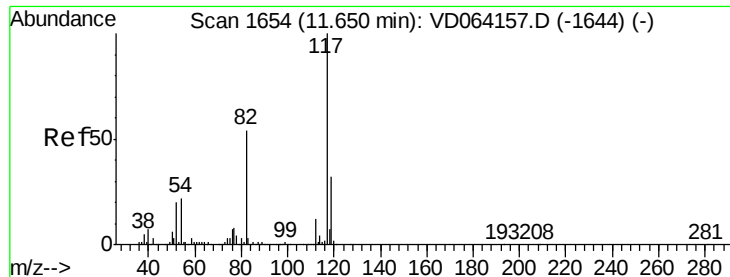
Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.6

176 93.7 0.0 180.2

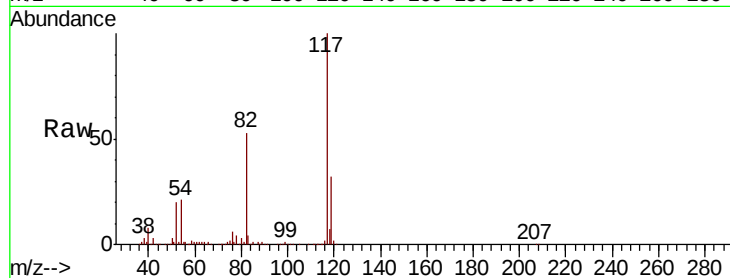




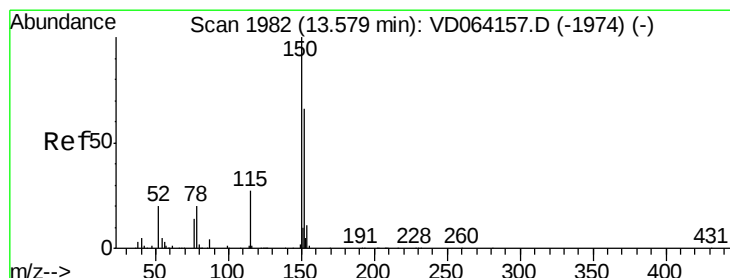
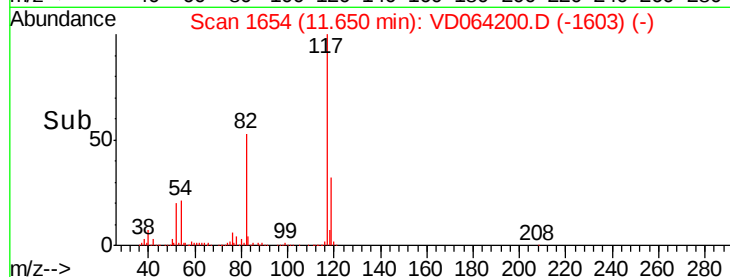
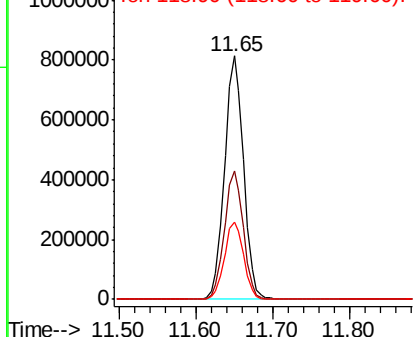
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064200.D
Acq: 12 Nov 2019 17:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1392708
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 31.9 25.6 38.4

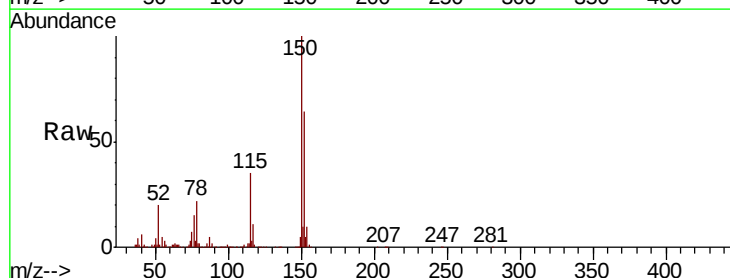


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

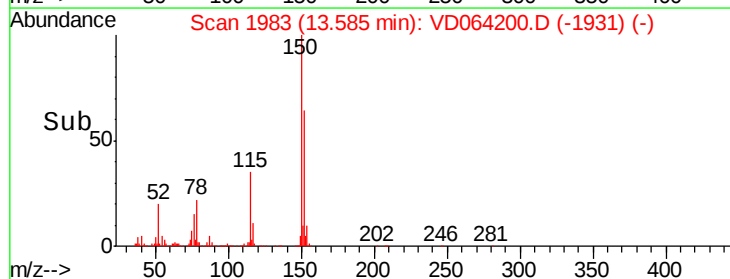
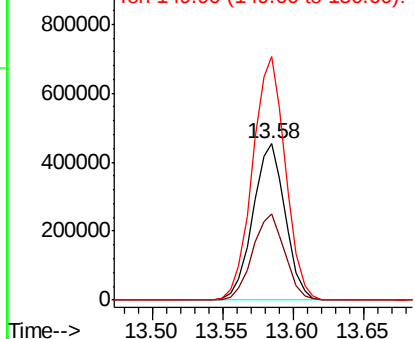


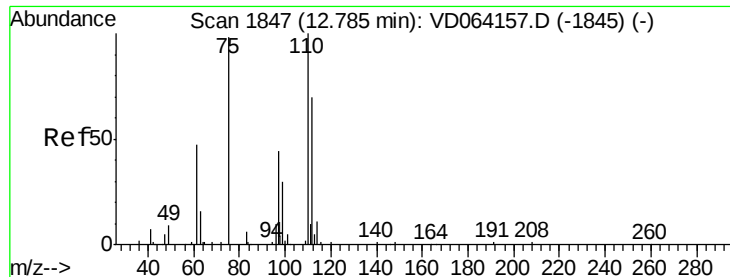
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064200.D
Acq: 12 Nov 2019 17:05

Tgt Ion:152 Resp: 730625
Ion Ratio Lower Upper
152 100
115 54.6 27.4 82.2
150 157.5 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: 57.866 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064200.D

Acq: 12 Nov 2019 17:05

Instrument :

MSVOA_D

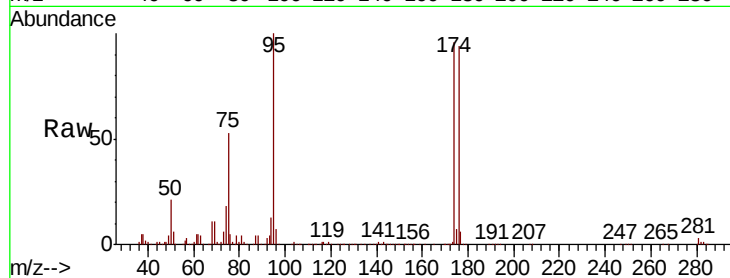
ClientSampleId :

Tot Ion: 75 Resp: 340538

Ion Ratio Lower Upper

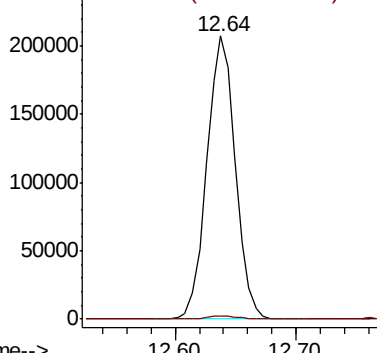
75 100

77 1.2 0.0 0.0#

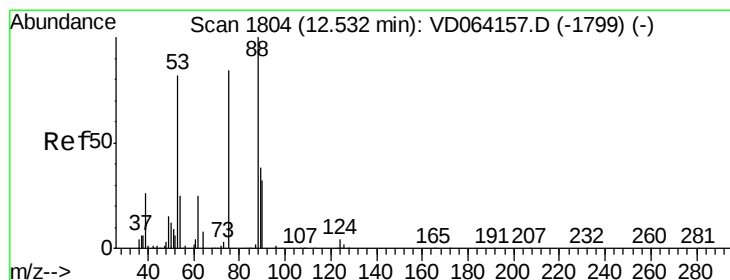
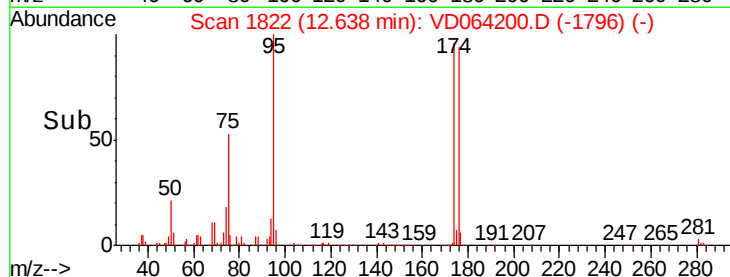


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 114.944 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064200.D

Acq: 12 Nov 2019 17:05

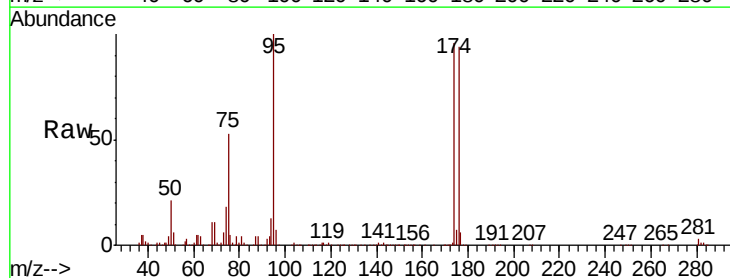
Tgt Ion: 75 Resp: 340538

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

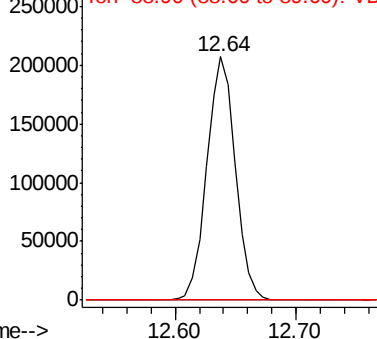
89 0.0 36.6 55.0#



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



Time-->

