

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064205.D
 Acq On : 12 Nov 2019 19:28
 Operator : VA/SY
 Sample : K5777-06RE
 Misc : 4.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 04:13:17 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

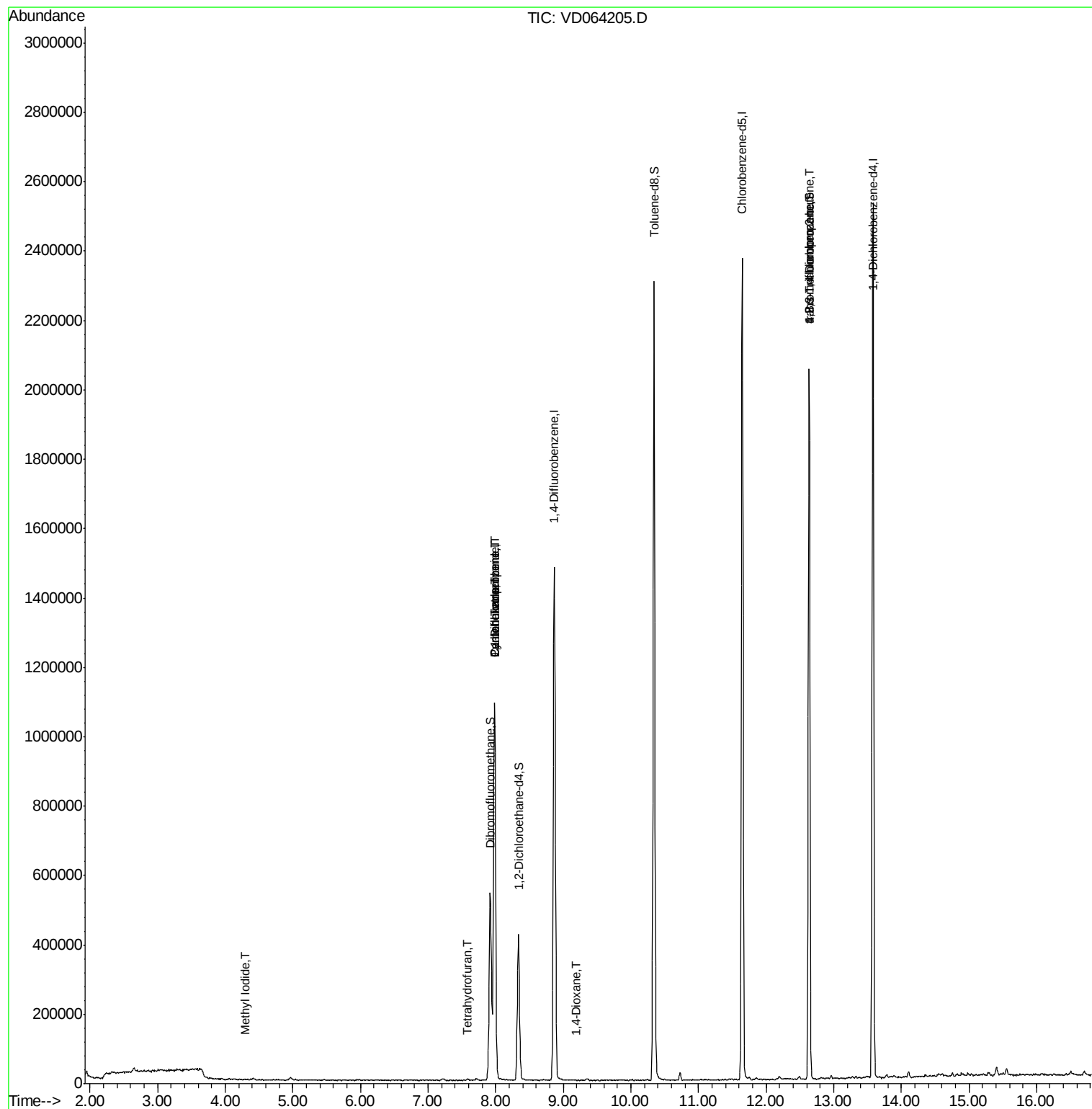
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	893803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1294200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1350953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	713816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	331212	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
35) Dibromofluoromethane	7.92	113	377716	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.34	98	1551133	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.64	95	628317	64.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.48%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	280	2.061	ug/l #	41
29) Tetrahydrofuran	7.57	42	1567	1.159	ug/l #	82
31) Cyclohexane	7.98	56	18066	1.252	ug/l #	11
36) 1,1-Dichloropropene	7.98	75	57857	4.844	ug/l #	51
38) Carbon Tetrachloride	7.98	117	78914	6.174	ug/l #	15
49) 1,4-Dioxane	9.18	88	80	1.566	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	325101	56.544	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	325101	112.318	ug/l #	10

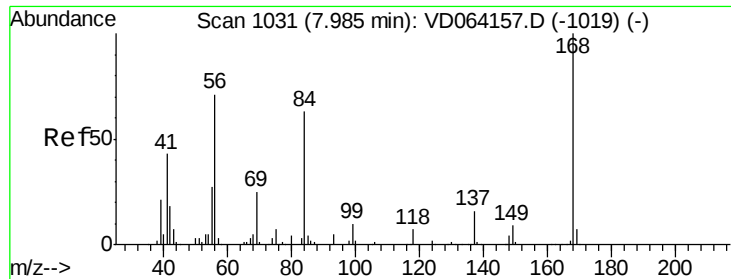
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1031

Delta R.T. -0.00 min

Lab File: VD064205.D

Acq: 12 Nov 2019 19:28

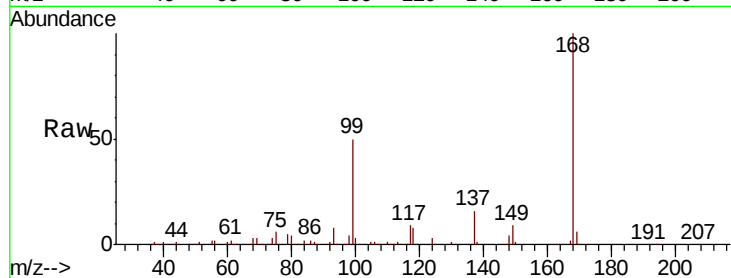
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 893803

Ion Ratio Lower Upper

168 100

99 49.9 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

400000

300000

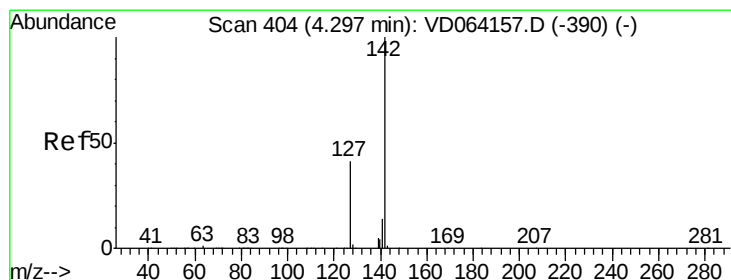
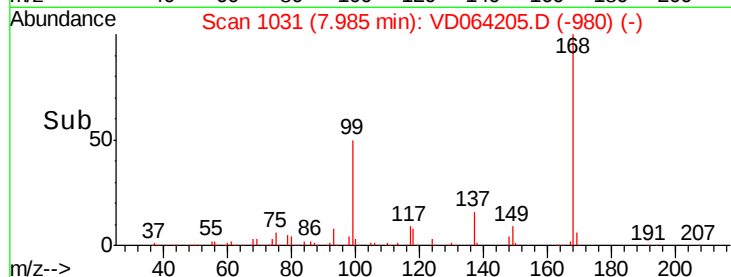
200000

100000

0

7.90 8.00 8.10

Time-->



#10

Methyl Iodide

Concen: 2.061 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064205.D

Acq: 12 Nov 2019 19:28

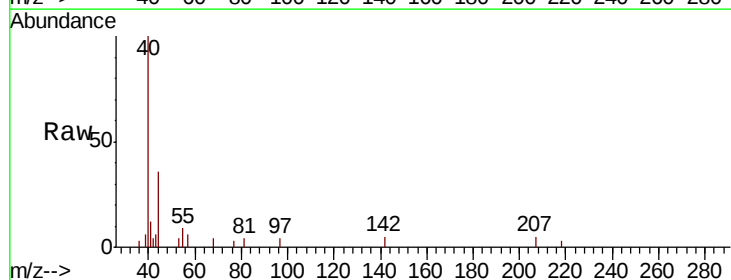
Tgt Ion:142 Resp: 280

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

300

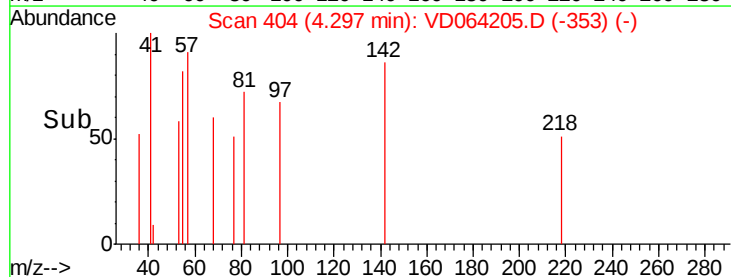
200

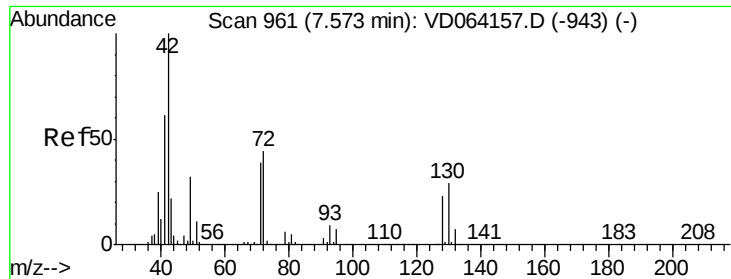
100

0

4.26 4.28 4.30 4.32

Time-->

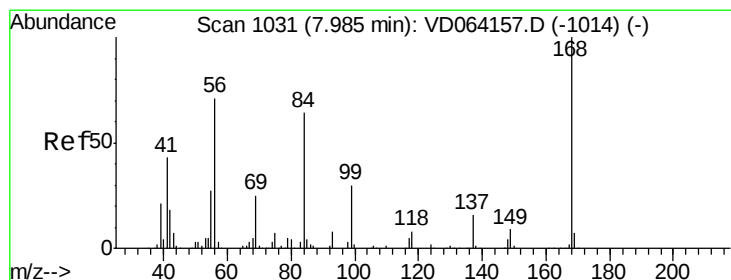
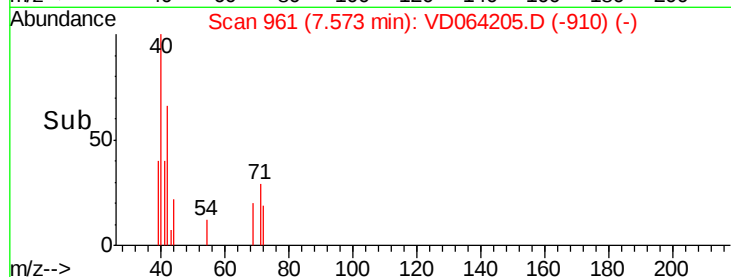
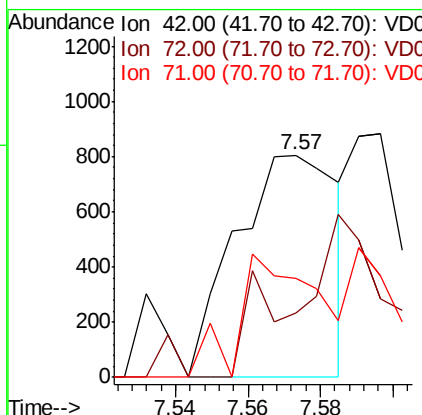
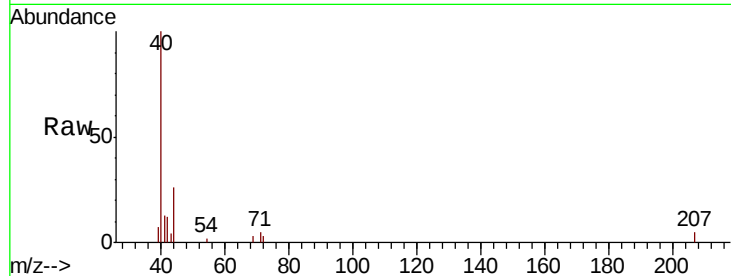




#29
Tetrahydrofuran
Concen: 1.159 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064205.D
Acq: 12 Nov 2019 19:28

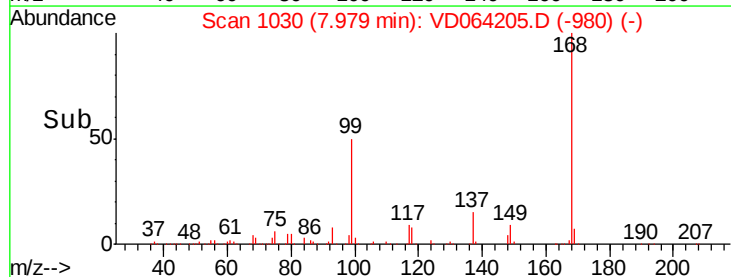
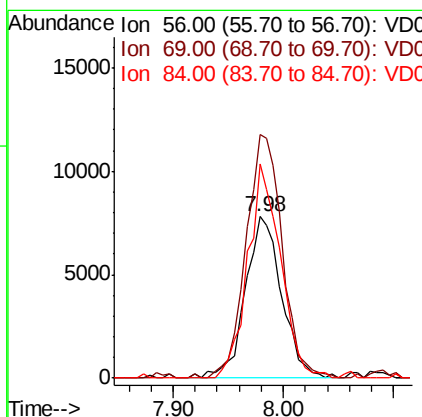
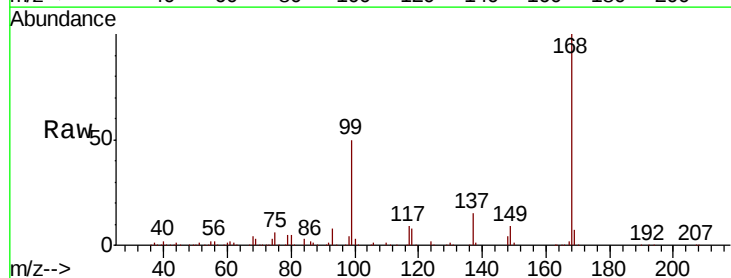
Instrument :
MSVOA_D
ClientSampled :

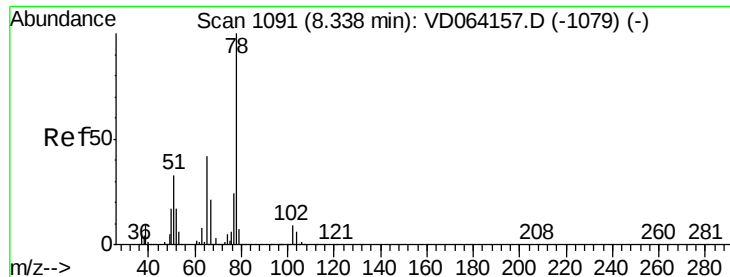
Tot Ion: 42 Resp: 1567
Ion Ratio Lower Upper
42 100
72 61.5 33.4 50.2#
71 40.4 31.0 46.4



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064205.D
Acq: 12 Nov 2019 19:28

Tgt Ion: 56 Resp: 18066
Ion Ratio Lower Upper
56 100
69 151.1 28.2 42.4#
84 132.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 45.057 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064205.D

Acq: 12 Nov 2019 19:28

Instrument :

MSVOA_D

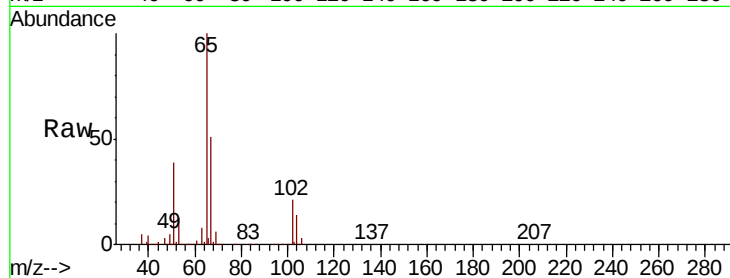
ClientSampleId :

Tot Ion: 65 Resp: 331212

Ion Ratio Lower Upper

65 100

67 51.8 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

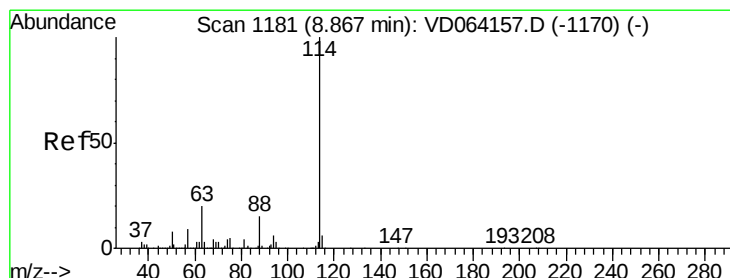
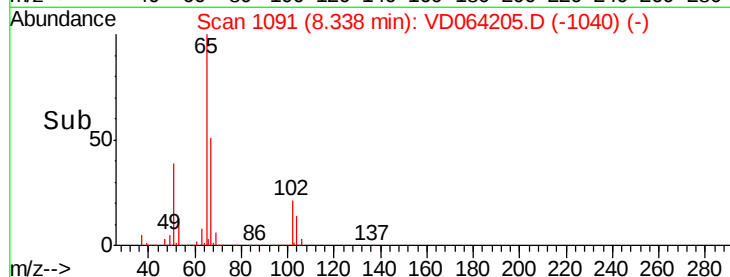
150000

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: VD064205.D

Acq: 12 Nov 2019 19:28

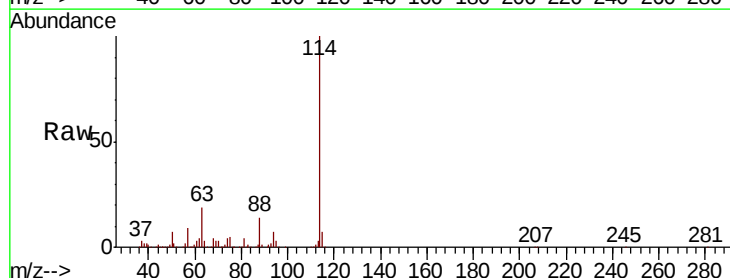
Tgt Ion: 114 Resp: 1294200

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 14.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

800000

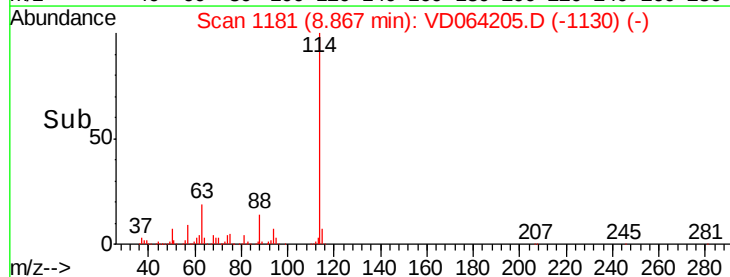
600000

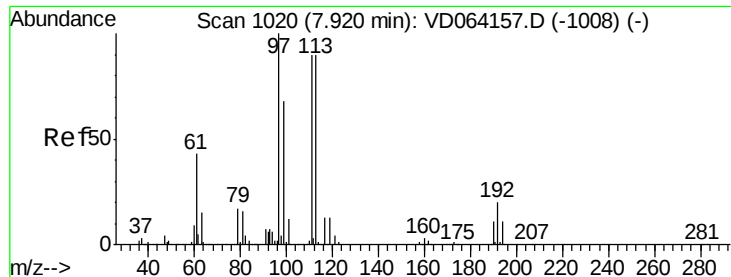
400000

200000

0

Time--> 8.80 8.90 9.00

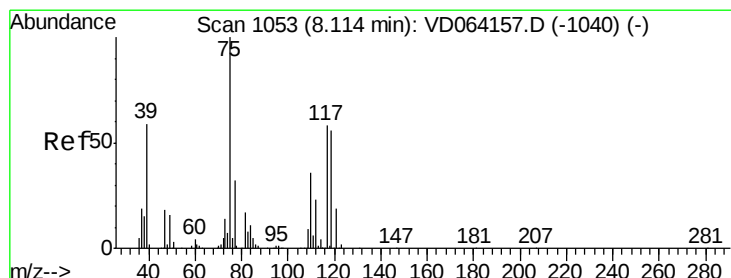
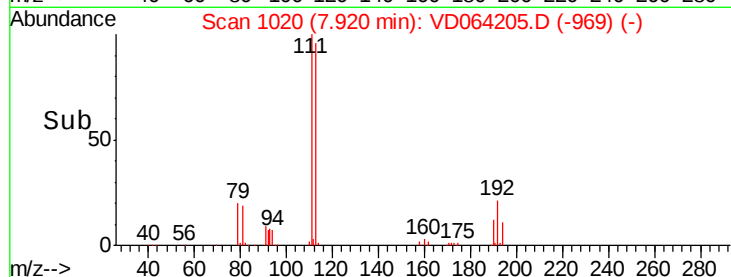
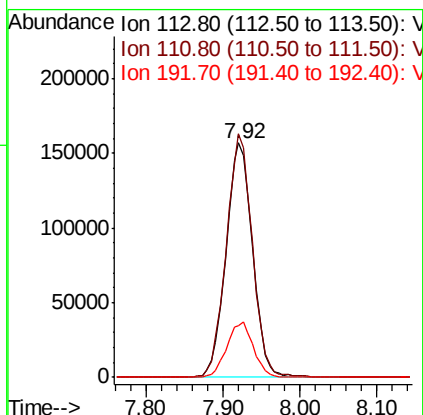
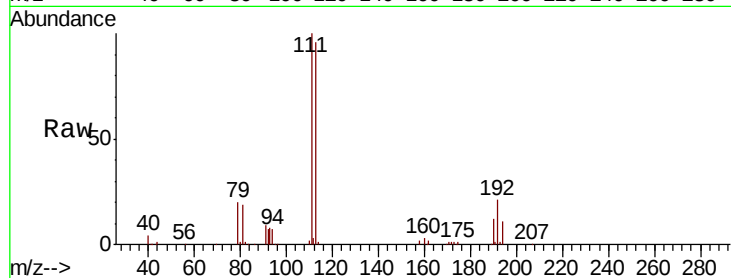




#35
 Dibromofluoromethane
 Concen: 50.844 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064205.D
 Acq: 12 Nov 2019 19:28

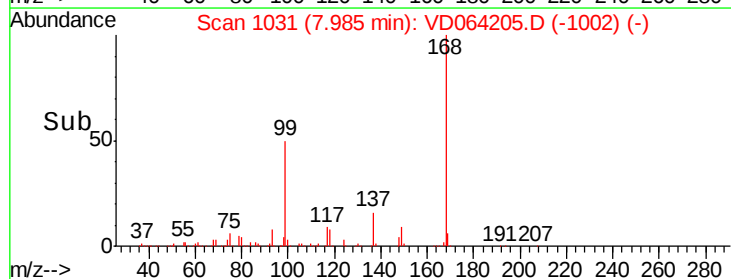
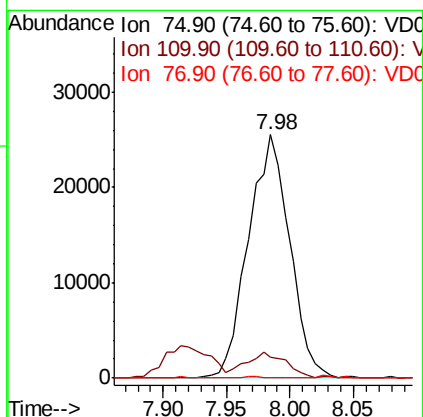
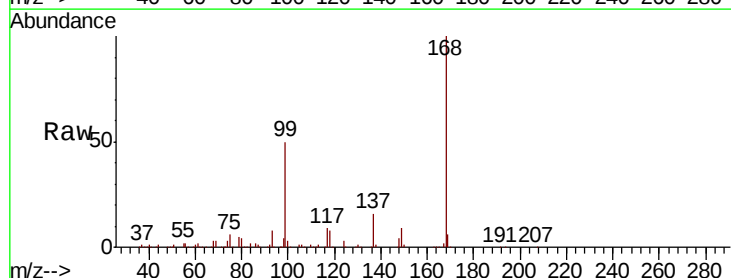
Instrument :
 MSVOA_D
 ClientSampleId :

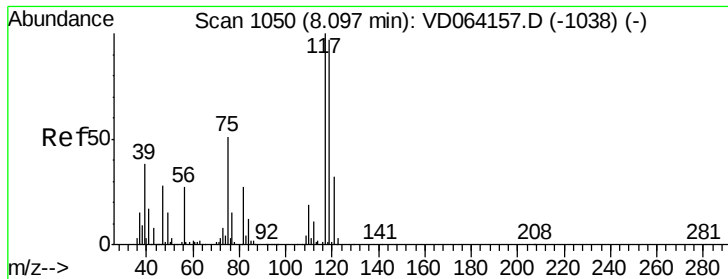
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.844 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064205.D
 Acq: 12 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.3	54.9#
77	0.2	25.0	37.6#

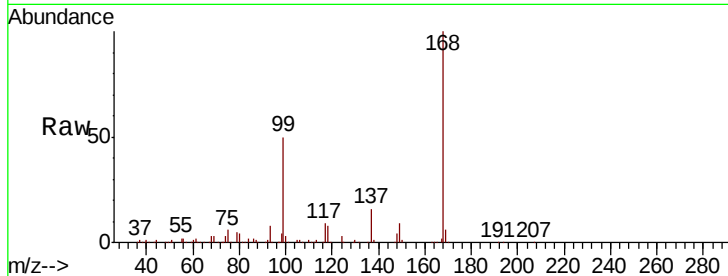




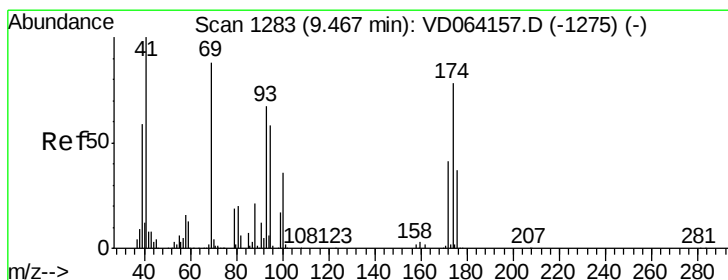
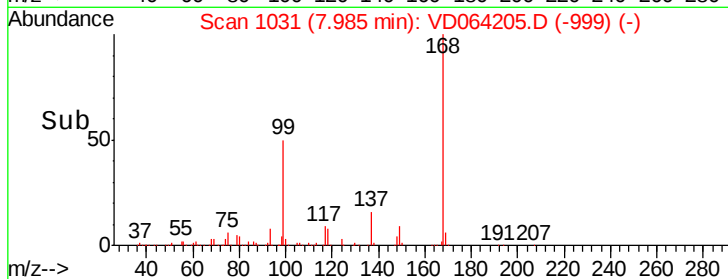
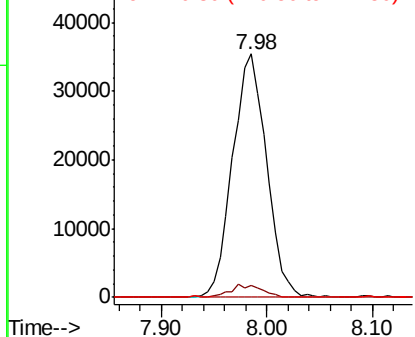
#38
 Carbon Tetrachloride
 Concen: 6.174 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064205.D
 Acq: 12 Nov 2019 19:28

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:117 Resp: 78914
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.2 115.8#
 121 0.0 25.5 38.3#

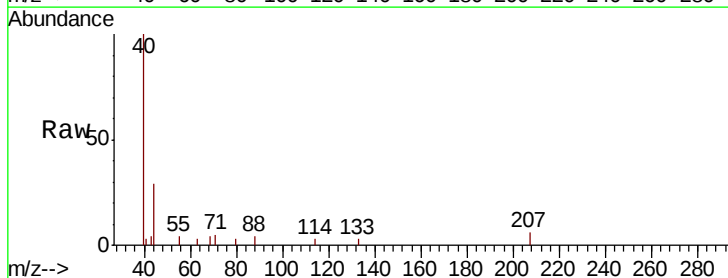


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

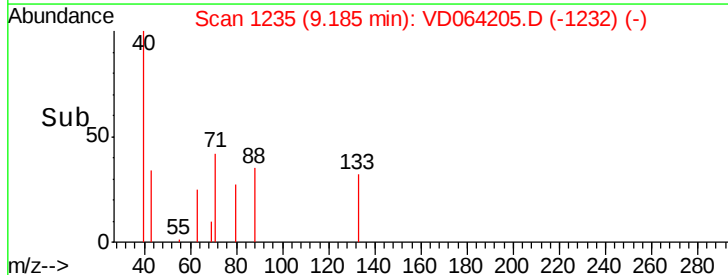
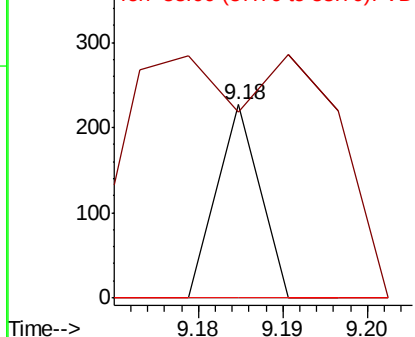


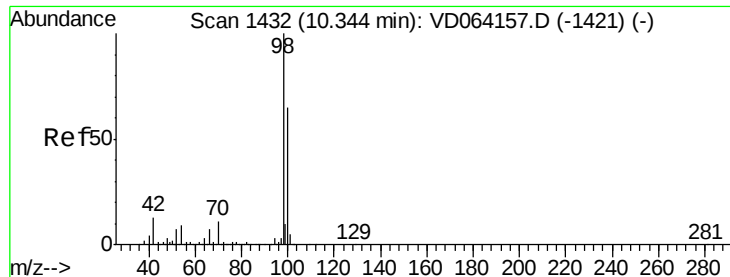
#49
 1,4-Dioxane
 Concen: 1.566 ug/l
 RT: 9.18 min Scan# 1235
 Delta R.T. -0.28 min
 Lab File: VD064205.D
 Acq: 12 Nov 2019 19:28

Tgt Ion: 88 Resp: 80
 Ion Ratio Lower Upper
 88 100
 43 0.0 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: 55.348 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064205.D

Acq: 12 Nov 2019 19:28

Instrument :

MSVOA_D

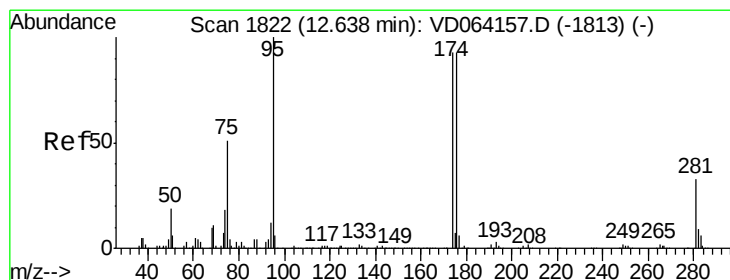
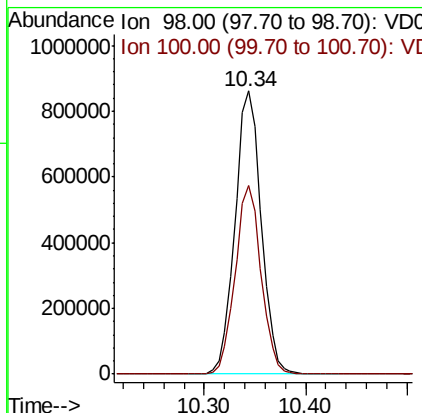
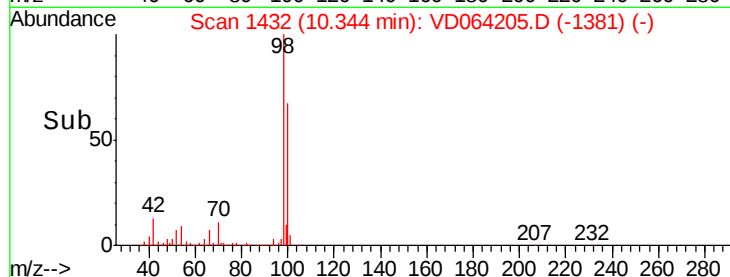
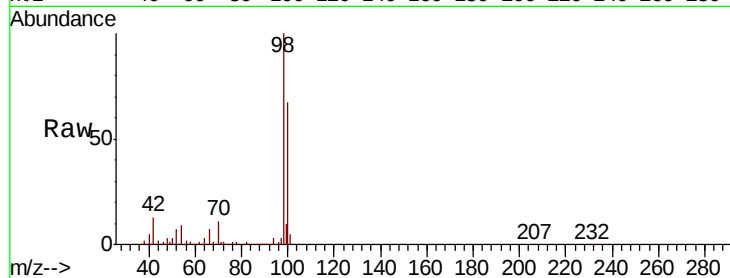
ClientSampleId :

Tot Ion: 98 Resp: 1551133

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 64.740 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064205.D

Acq: 12 Nov 2019 19:28

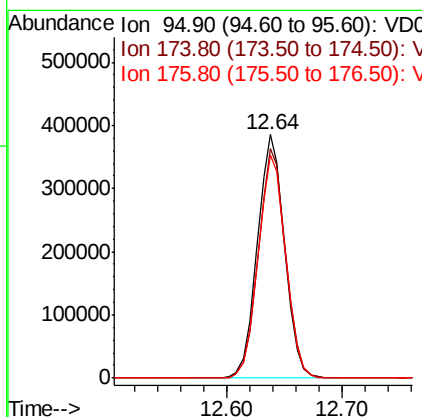
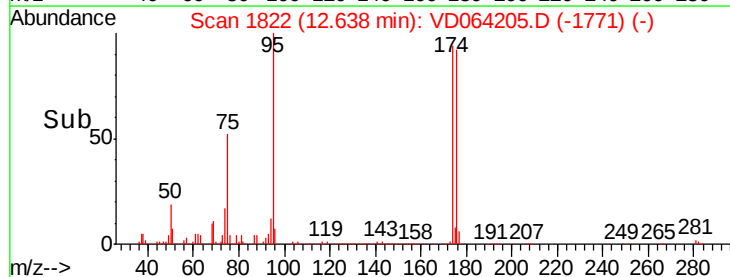
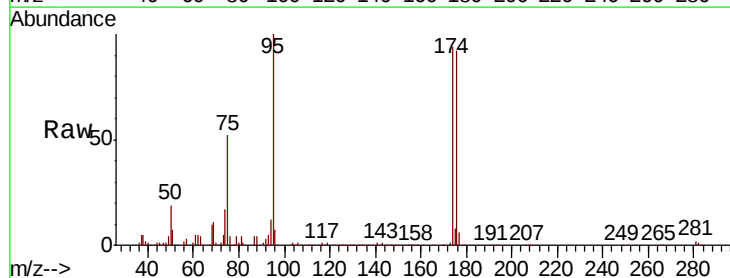
Tgt Ion: 95 Resp: 628317

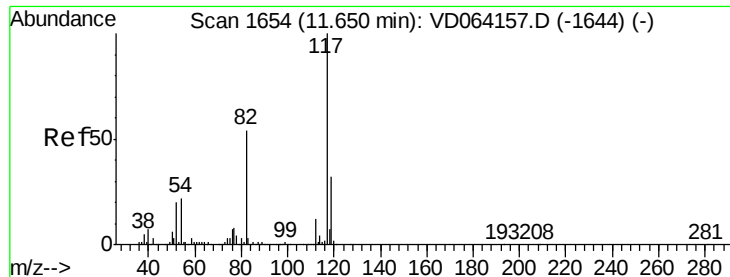
Ion Ratio Lower Upper

95 100

174 95.0 0.0 183.6

176 93.4 0.0 180.2

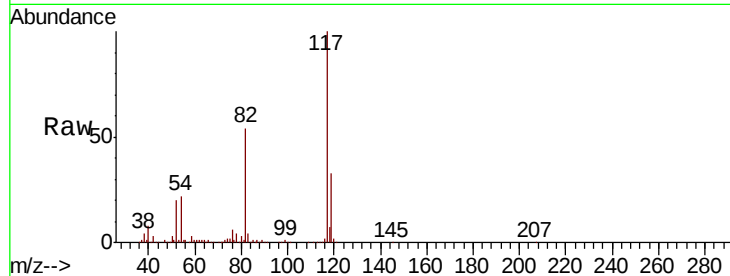




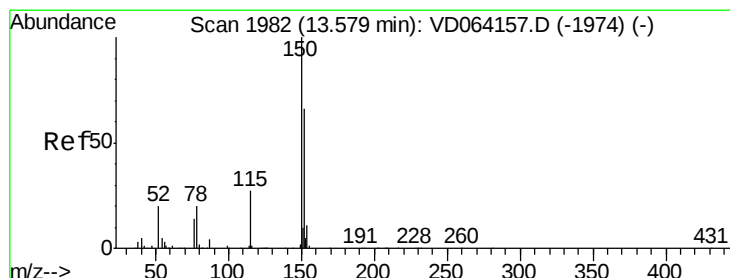
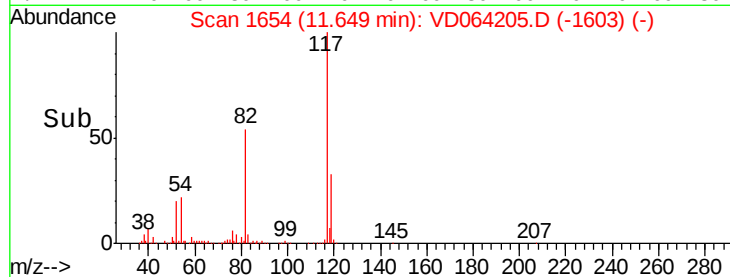
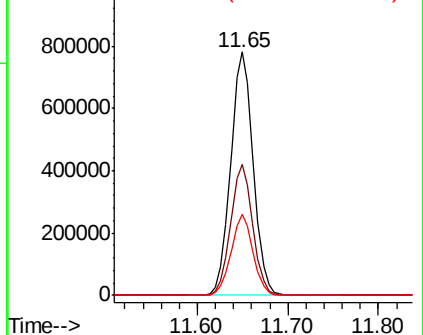
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064205.D
Acq: 12 Nov 2019 19:28

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1350953
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 33.2 25.6 38.4

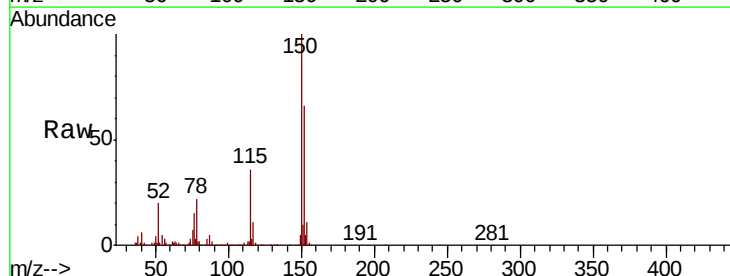


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

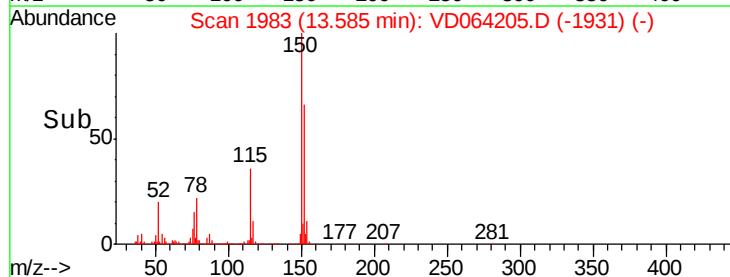
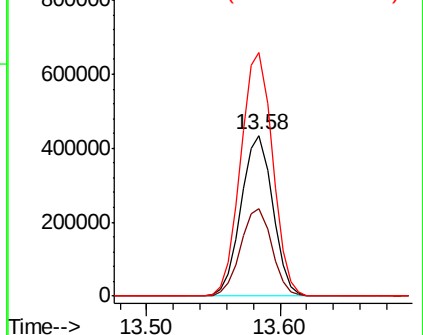


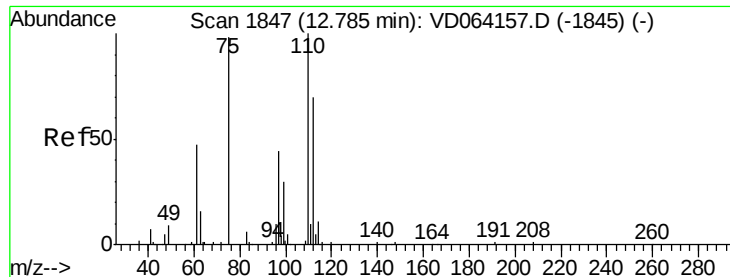
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064205.D
Acq: 12 Nov 2019 19:28

Tgt Ion:152 Resp: 713816
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 152.8 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

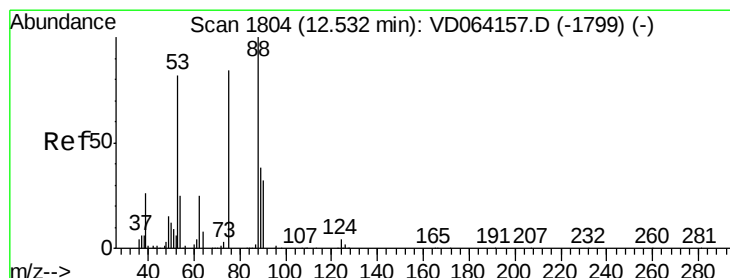
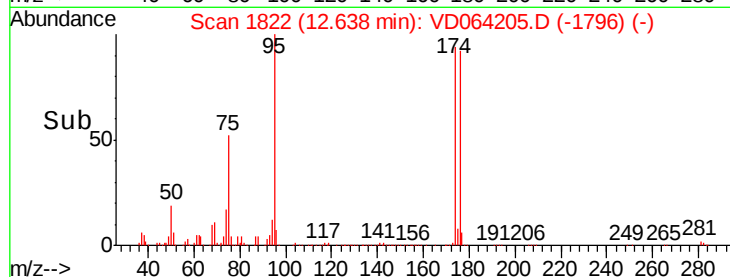
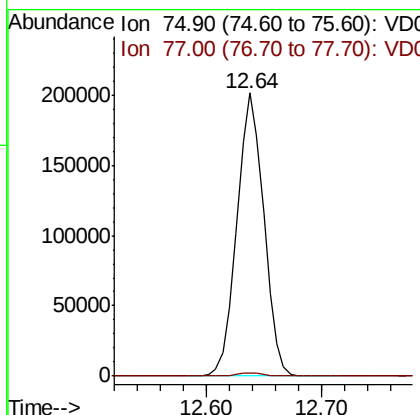
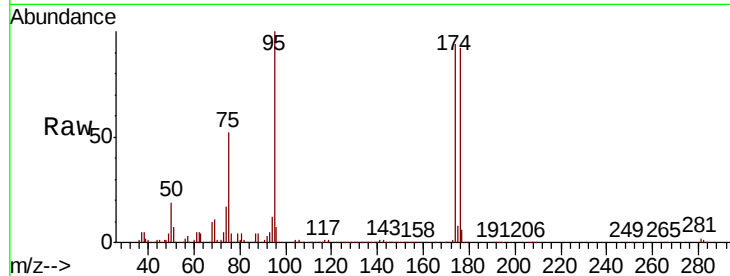




#76
 1,2,3-Trichloropropane
 Concen: 56.544 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064205.D
 Acq: 12 Nov 2019 19:28

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 325101
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.318 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064205.D
 Acq: 12 Nov 2019 19:28

Tgt Ion: 75 Resp: 325101
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.0#
 89 0.0 36.6 55.0#

