

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064576.D
 Acq On : 23 Dec 2019 18:55
 Operator : VA/SY
 Sample : K6417-02
 Misc : 8.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Dec 24 05:56:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	732728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	745204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	366608	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	198026	48.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.20%	
35) Dibromofluoromethane	7.92	113	222501	48.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.40%	
50) Toluene-d8	10.34	98	883336	50.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.64	95	327595	58.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.24%	

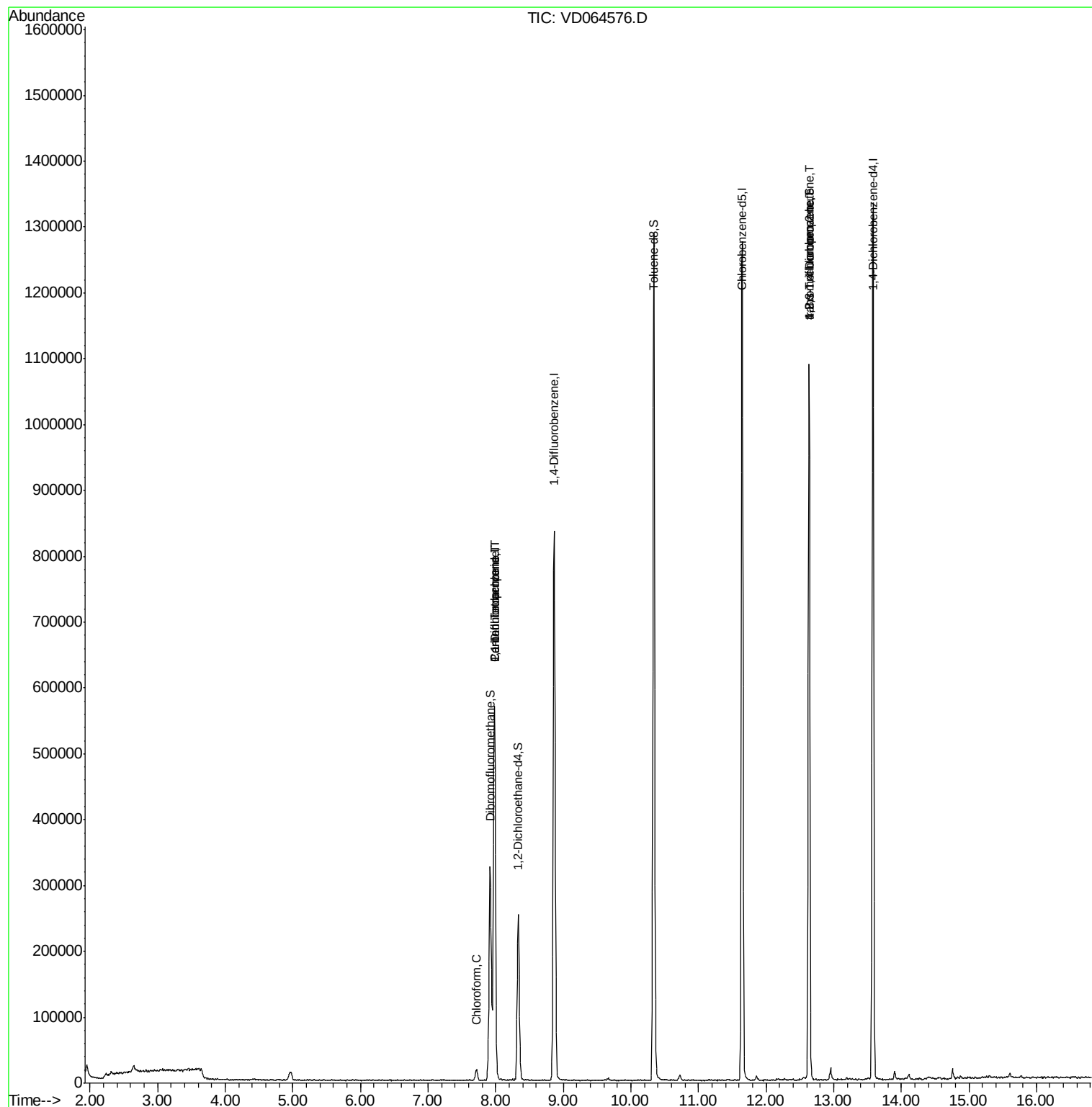
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	5976	Below Cal		96
30) Chloroform	7.72	83	14738	1.893 ug/l		99
31) Cyclohexane	7.98	56	9237	Below Cal	#	12
36) 1,1-Dichloropropene	7.98	75	31144	4.494 ug/l	#	49
38) Carbon Tetrachloride	7.98	117	42460	5.805 ug/l	#	14
76) 1,2,3-Trichloropropane	12.64	75	174209	57.783 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	174209	125.998 ug/l	#	9
92) 1,2-Dibromo-3-Chloropropan	14.31	75	53	Below Cal	#	1

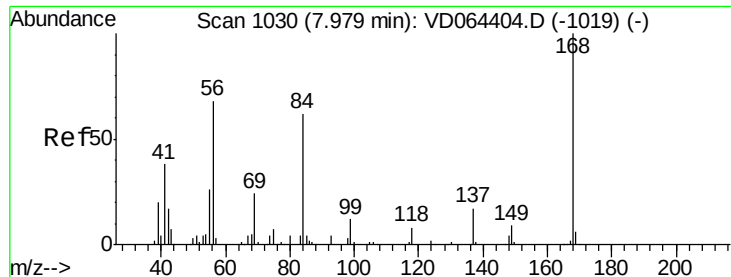
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122319\
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MSVOA_D
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TP-2

Quant Time: Dec 24 05:56:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064576.D

Acq: 23 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

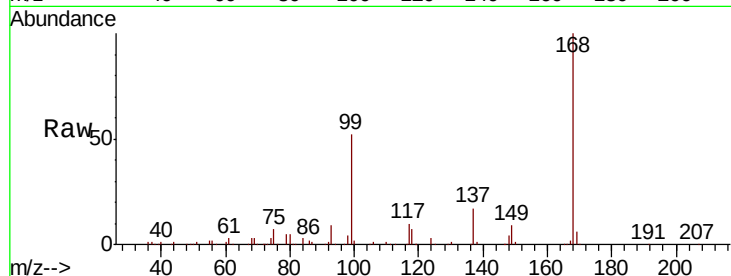
TP-2

Tot Ion:168 Resp: 450188

Ion Ratio Lower Upper

168 100

99 51.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

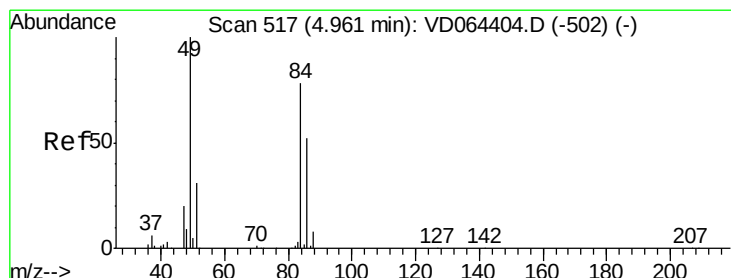
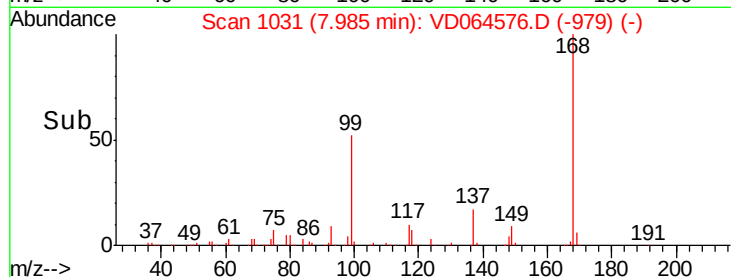
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD064576.D

Acq: 23 Dec 2019 18:55

Tgt Ion: 84 Resp: 5976

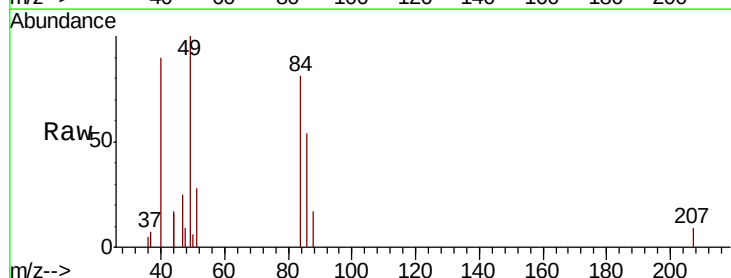
Ion Ratio Lower Upper

84 100

49 123.2 102.6 153.8

51 34.6 32.0 48.0

86 66.8 53.4 80.0



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

6000

5000

4000

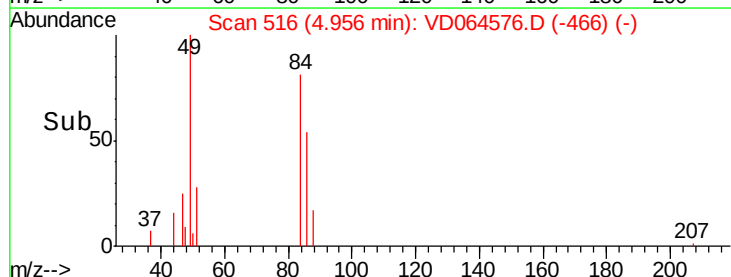
3000

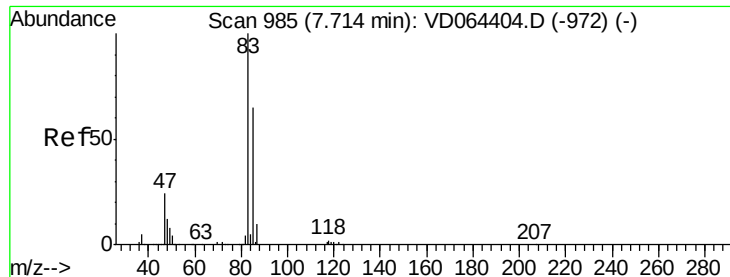
2000

1000

0

Time-->

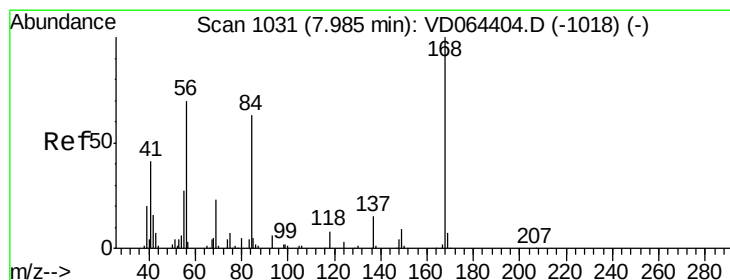
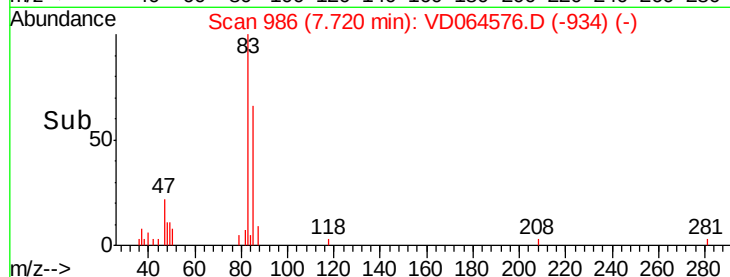
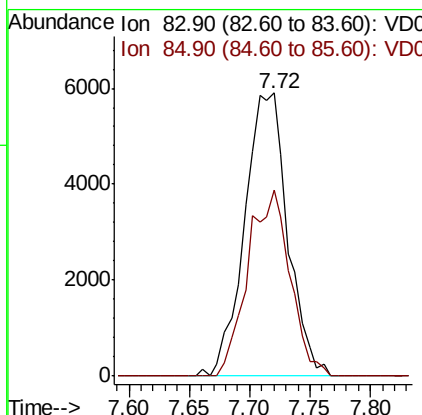
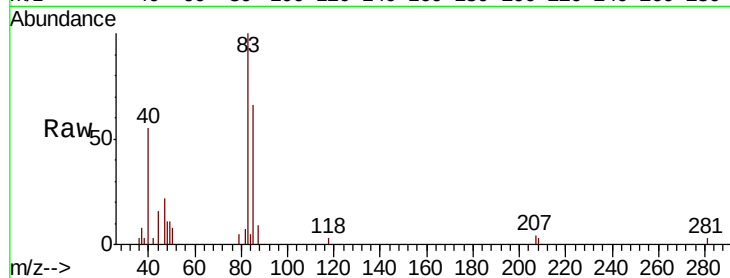




#30
Chloroform
Concen: 1.893 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

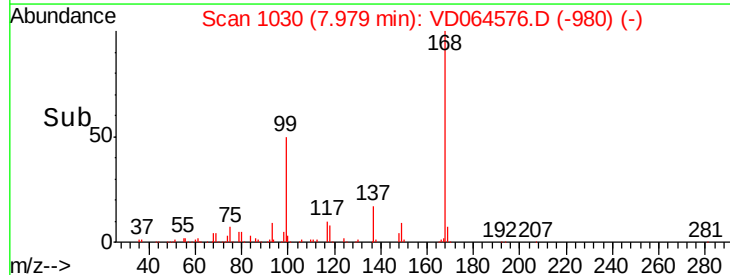
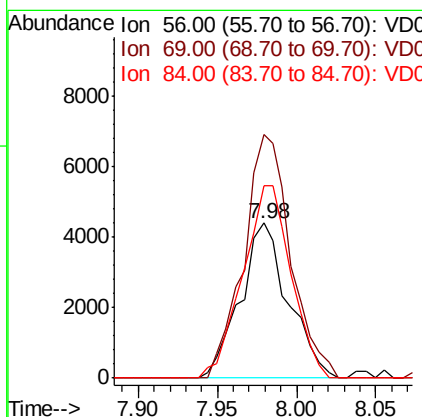
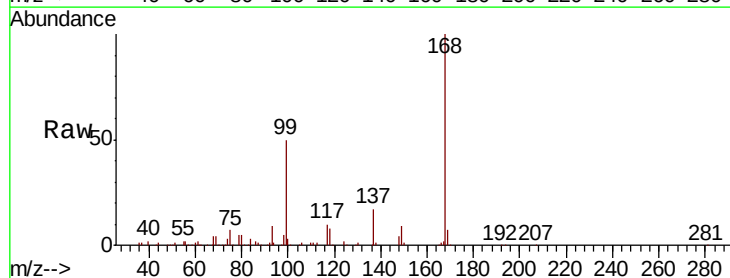
Instrument :
MSVOA_D
ClientSampled :
TP-2

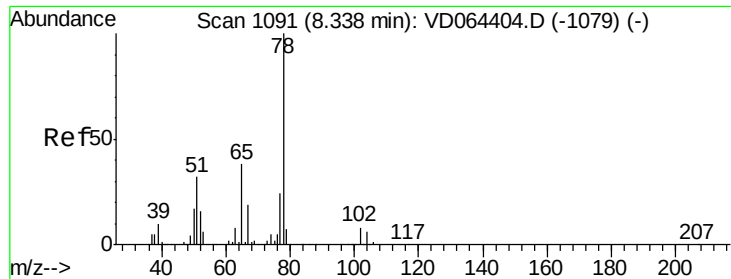
Tot Ion: 83 Resp: 14738
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

Tgt Ion: 56 Resp: 9237
Ion Ratio Lower Upper
56 100
69 157.0 26.2 39.4#
84 123.7 70.3 105.5#

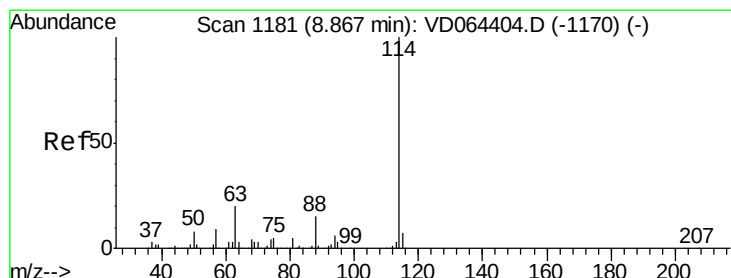
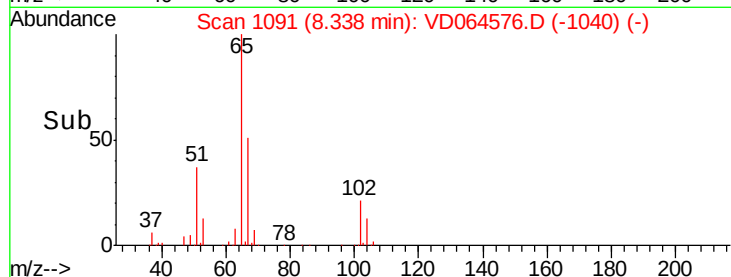
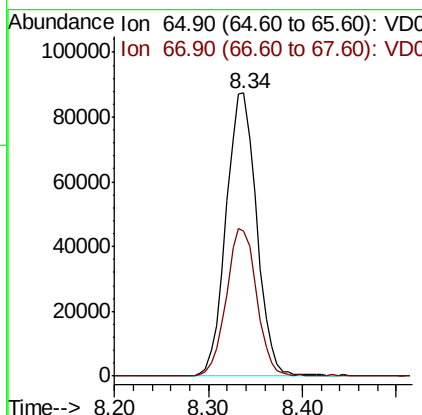
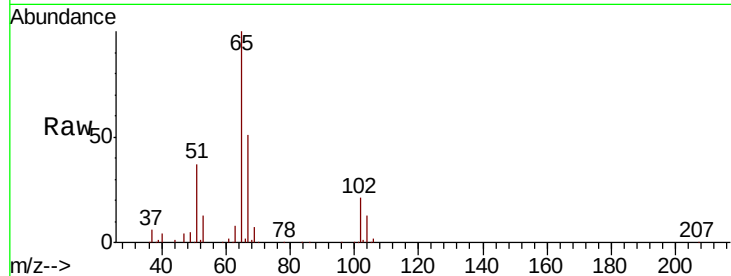




#33
 1,2-Dichloroethane-d4
 Concen: 48.597 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064576.D
 Acq: 23 Dec 2019 18:55

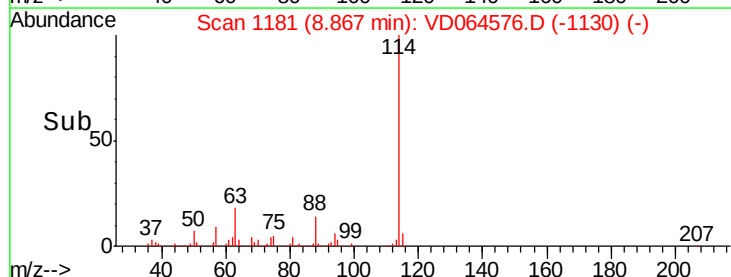
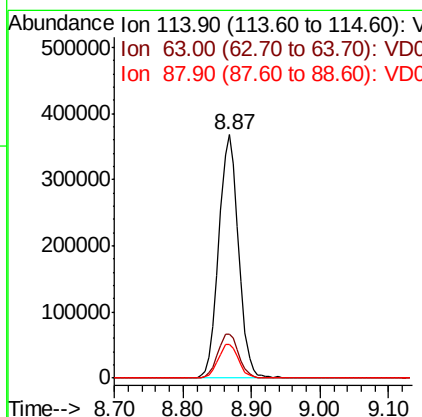
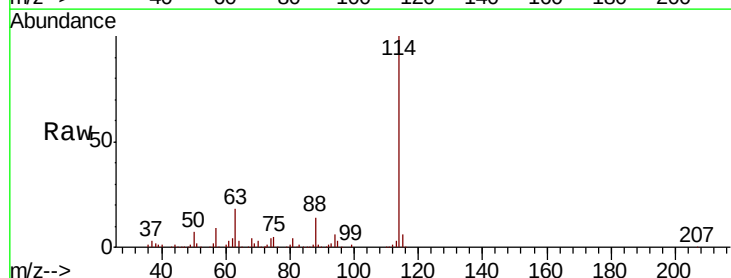
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

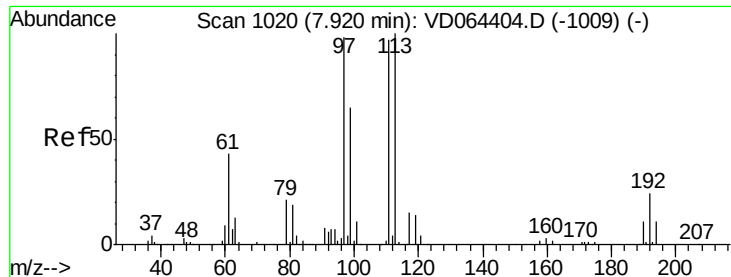
Tot Ion: 65 Resp: 198026
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064576.D
 Acq: 23 Dec 2019 18:55

Tgt Ion: 114 Resp: 732728
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 13.8 0.0 29.2

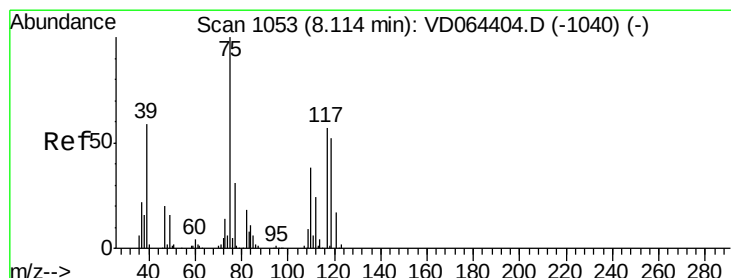
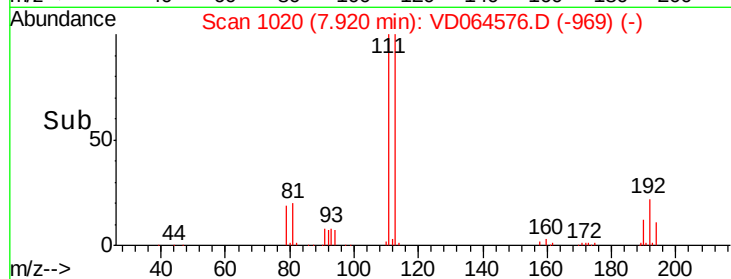
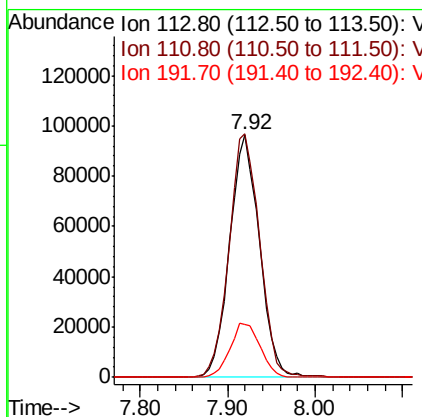
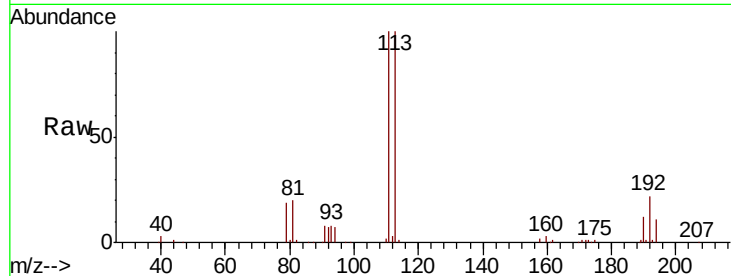




#35
 Dibromofluoromethane
 Concen: 48.196 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064576.D
 Acq: 23 Dec 2019 18:55

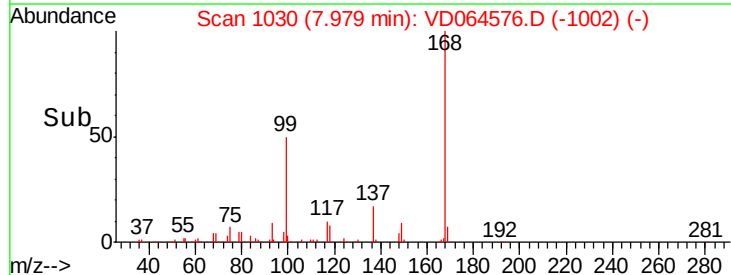
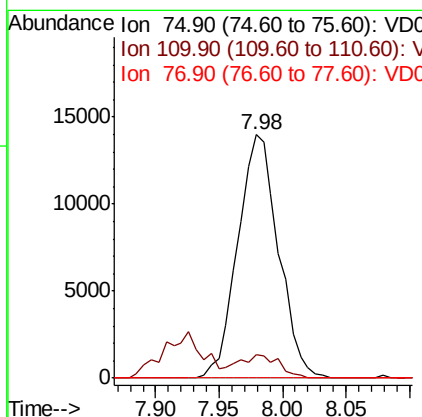
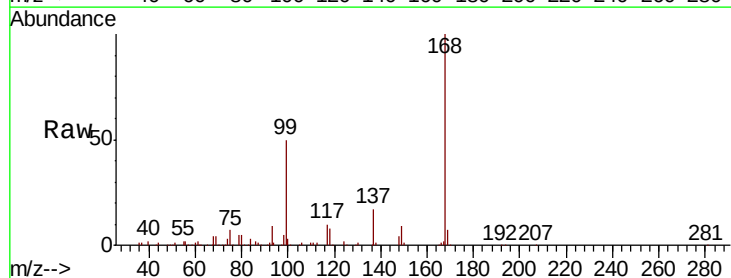
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

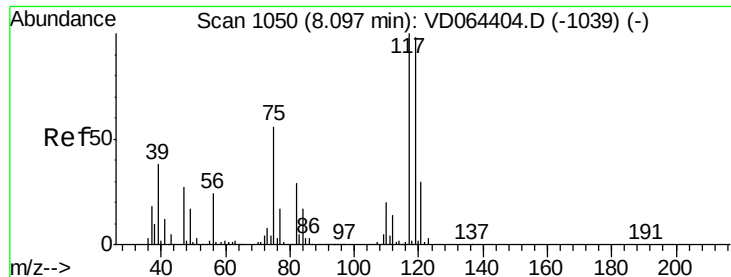
Tot Ion:113 Resp: 222501
 Ion Ratio Lower Upper
 113 100
 111 103.4 79.4 119.2
 192 22.5 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.494 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064576.D
 Acq: 23 Dec 2019 18:55

Tgt Ion: 75 Resp: 31144
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.6 55.8#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.805 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064576.D

Acq: 23 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

TP-2

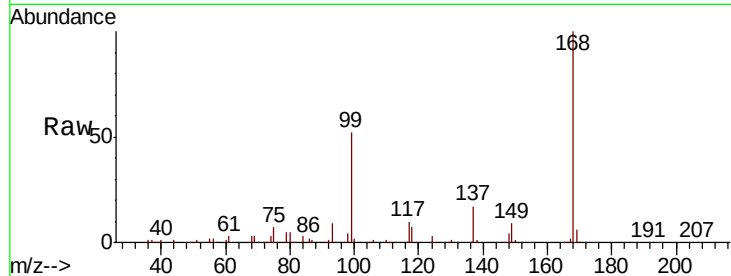
Tot Ion:117 Resp: 42460

Ion Ratio Lower Upper

117 100

119 4.4 78.8 118.2#

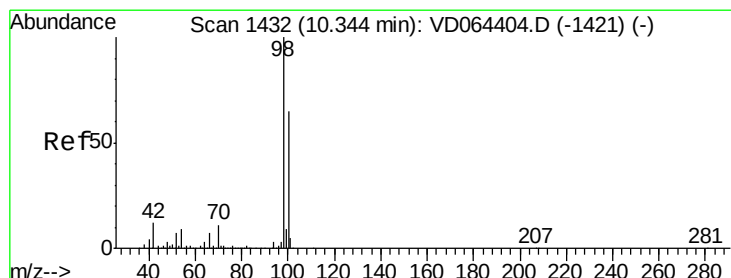
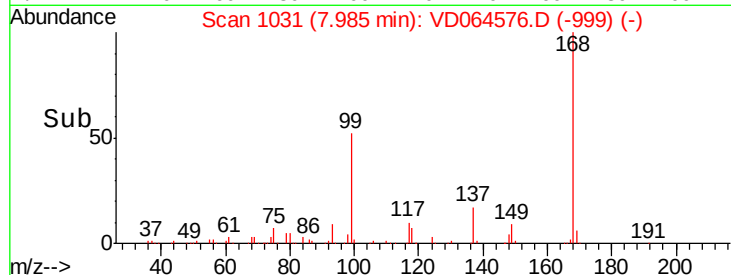
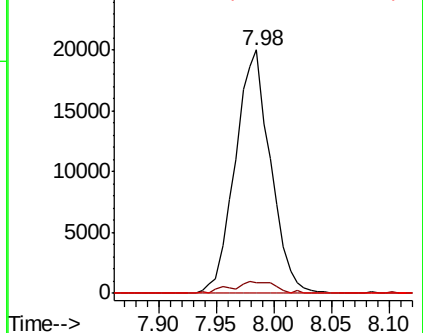
121 0.0 24.2 36.2#



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: 50.796 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064576.D

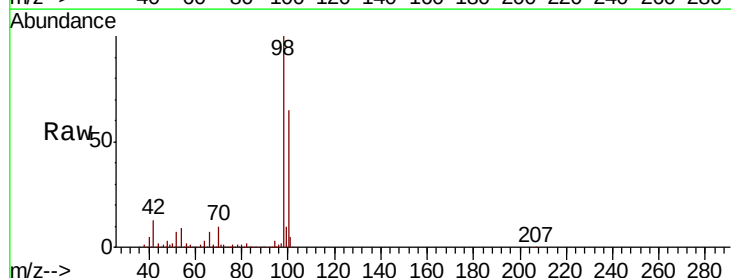
Acq: 23 Dec 2019 18:55

Tgt Ion: 98 Resp: 883336

Ion Ratio Lower Upper

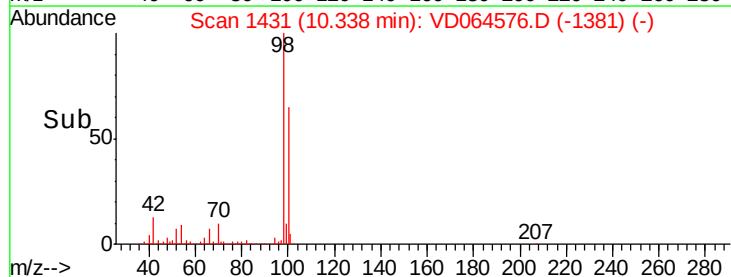
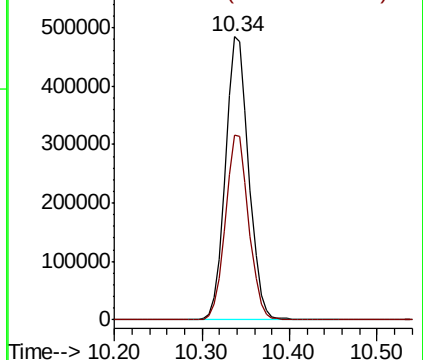
98 100

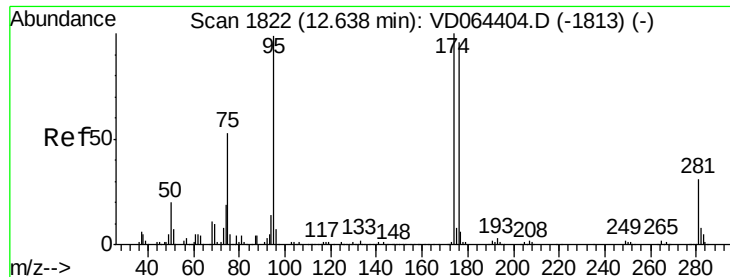
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

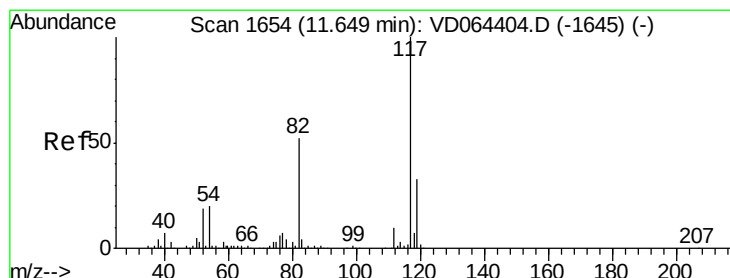
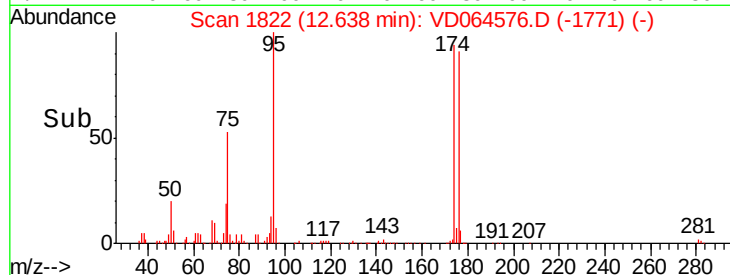
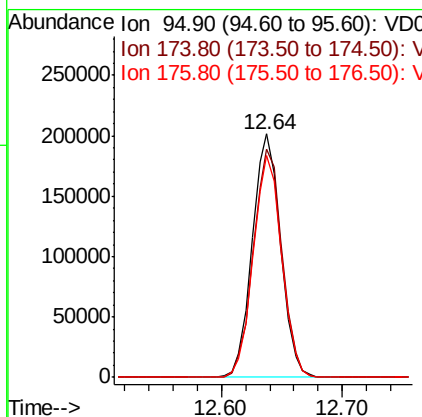
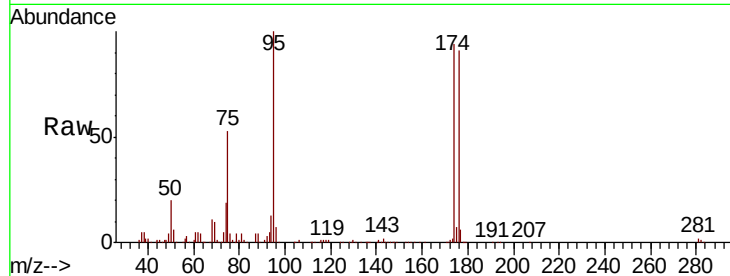




#62
4-Bromofluorobenzene
Concen: 58.618 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

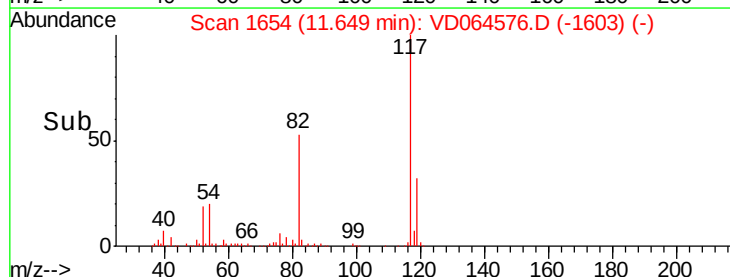
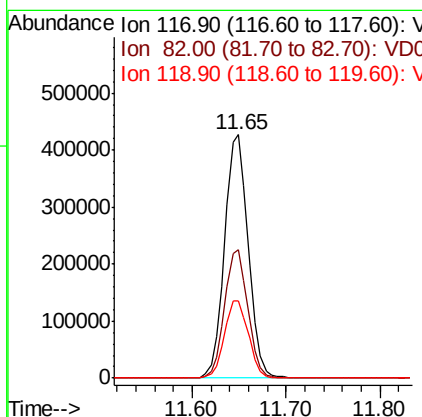
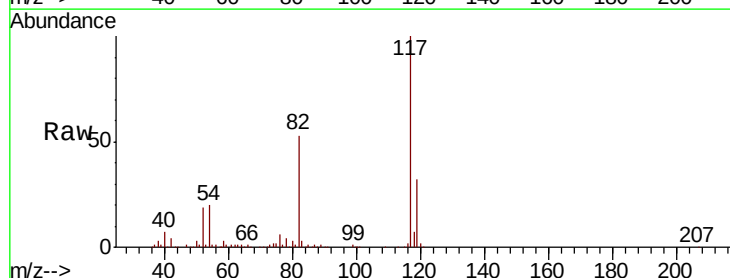
Instrument :
MSVOA_D
ClientSampleId :
TP-2

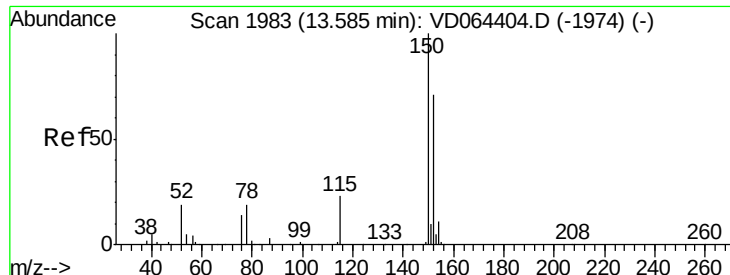
Tot Ion: 95 Resp: 327595
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.2
176 91.7 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

Tgt Ion: 117 Resp: 745204
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.2
119 31.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064576.D

Acq: 23 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

TP-2

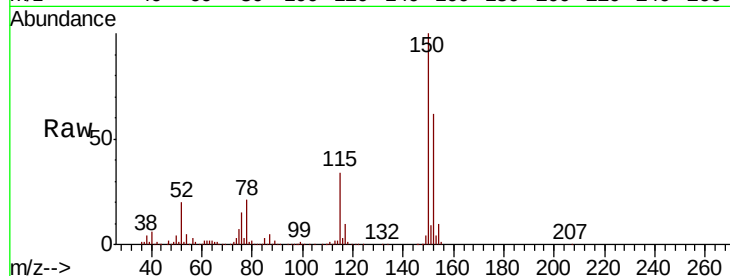
Tot Ion:152 Resp: 366608

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

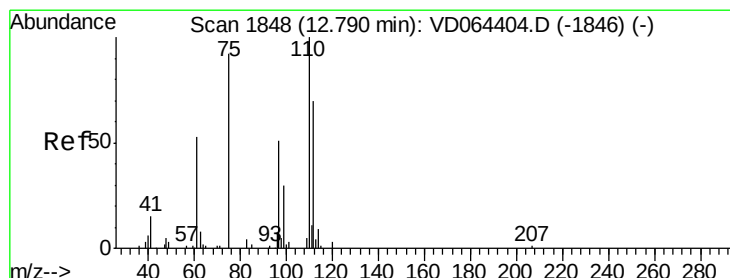
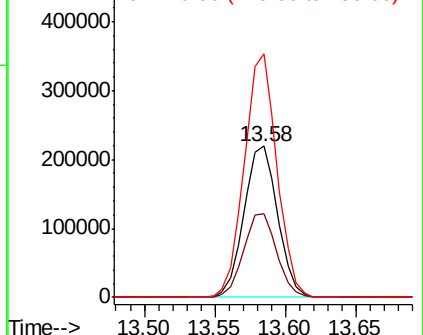
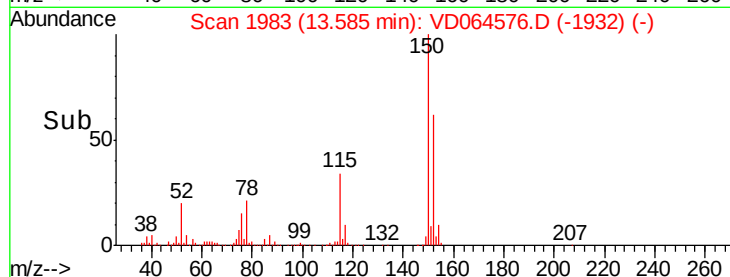
150 156.2 0.0 347.2



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: 57.783 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064576.D

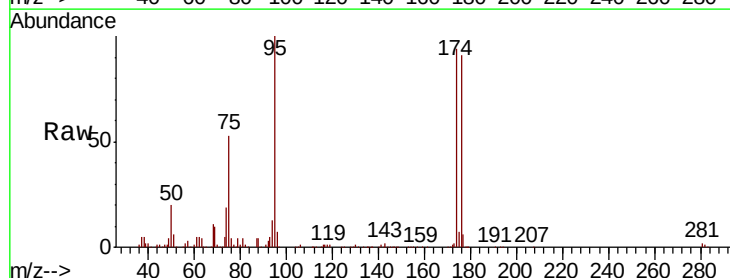
Acq: 23 Dec 2019 18:55

Tgt Ion: 75 Resp: 174209

Ion Ratio Lower Upper

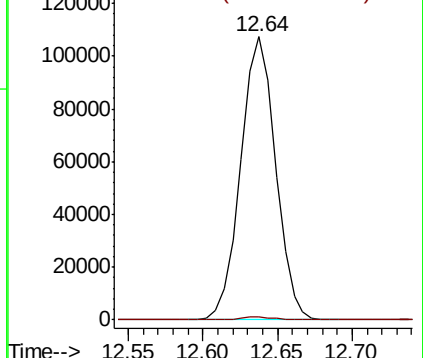
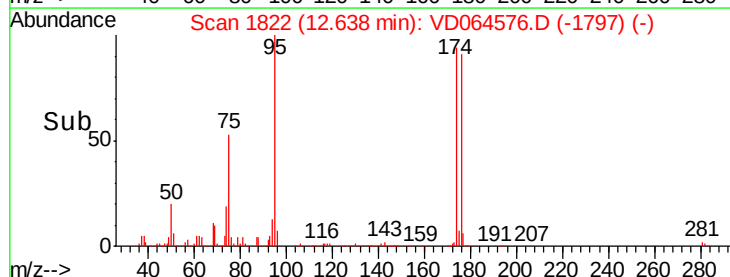
75 100

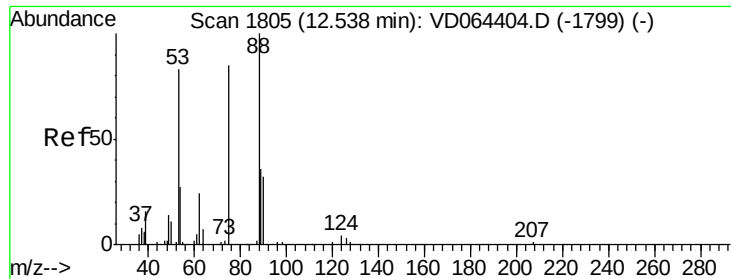
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

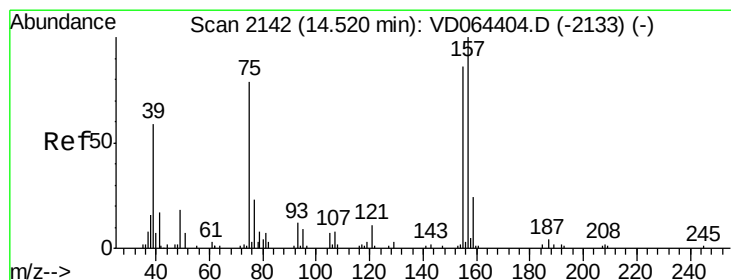
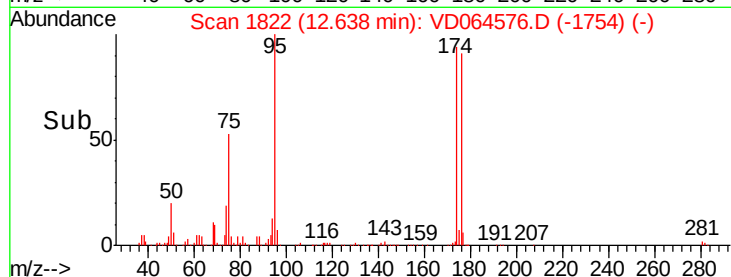
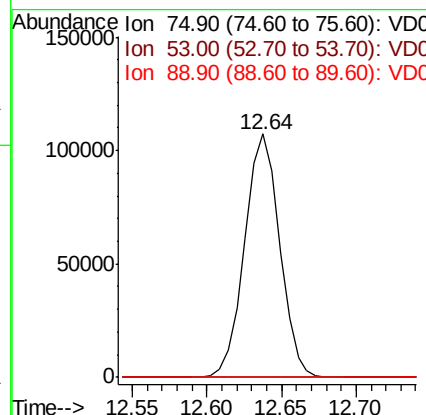
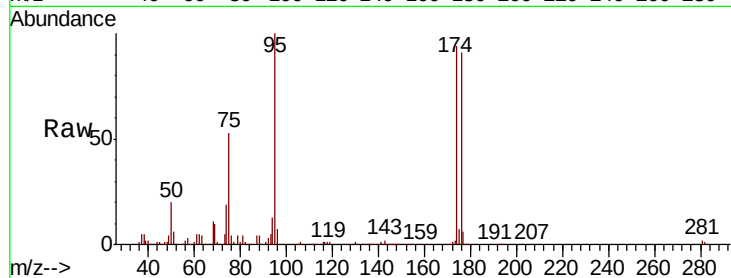




#81
trans-1,4-Dichloro-2-butene
Concen: 125.998 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion: 75 Resp: 174209
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.0 38.5 57.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.31 min Scan# 2106
Delta R.T. -0.21 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 51.9 155.7#
157 0.0 63.2 189.8#

