

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064473.D
 Acq On : 09 Dec 2019 16:21
 Operator : VA/SY
 Sample : K6205-01
 Misc : 6.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-SB-1

Quant Time: Dec 10 02:56:04 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	732869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	1075119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1005436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	493466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	298796	45.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.08%	
35) Dibromofluoromethane	7.91	113	318720	47.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.10%	
50) Toluene-d8	10.34	98	1264026	49.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.64	95	428948	52.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.62%	

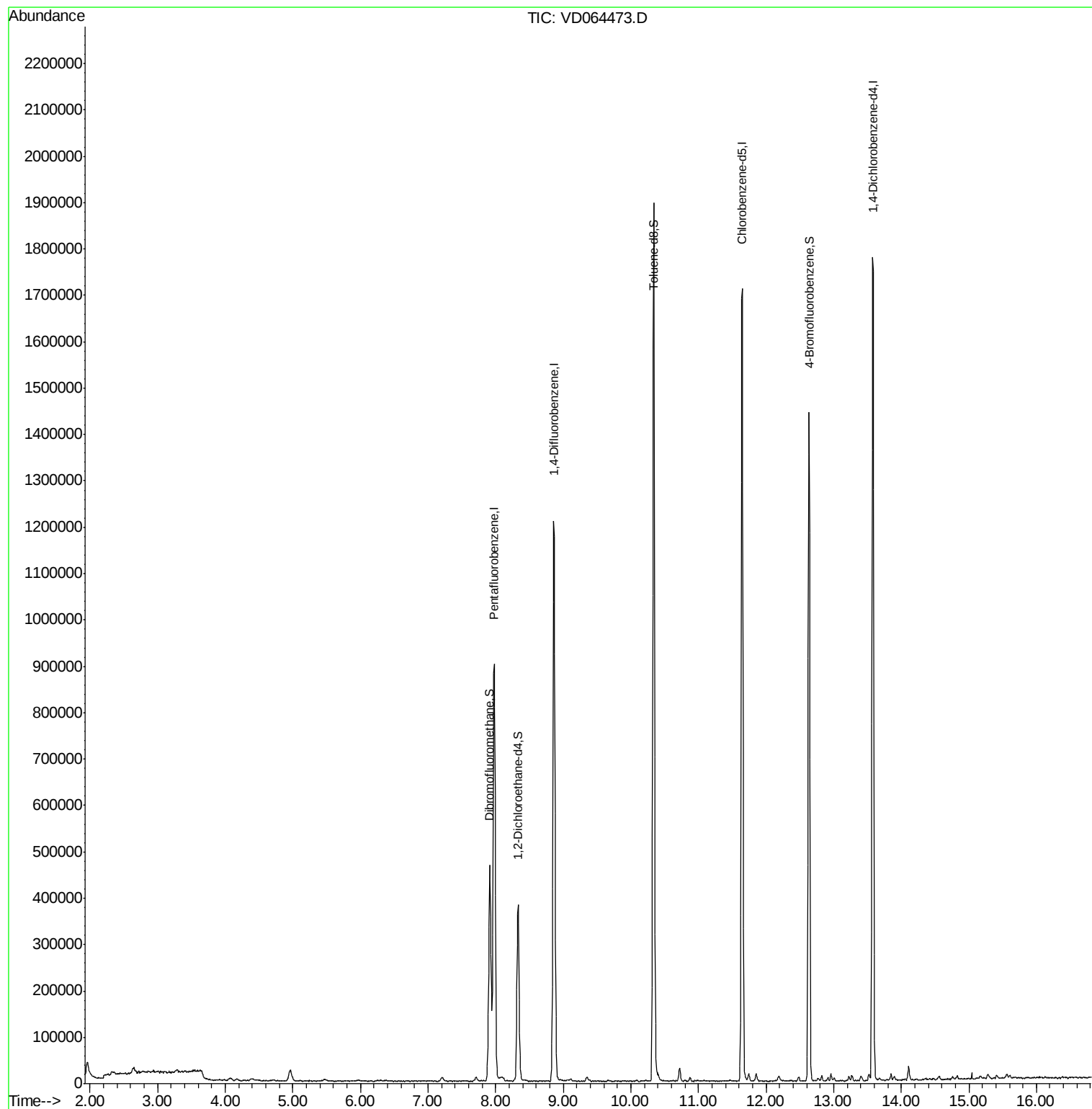
Target Compounds	Qvalue

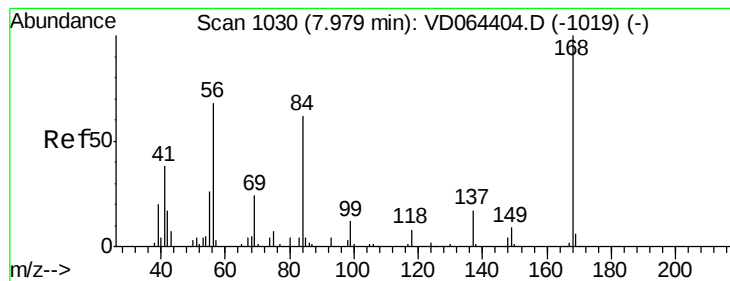
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

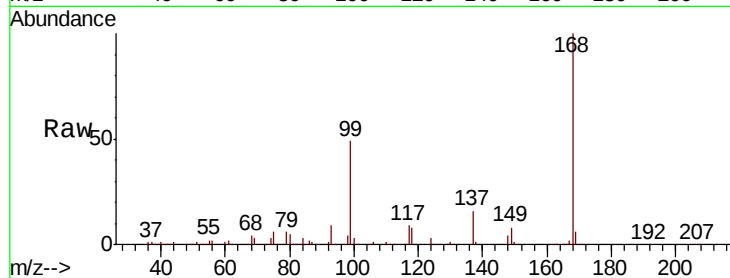
K165-SB-1

Tot Ion:168 Resp: 732869

Ion Ratio Lower Upper

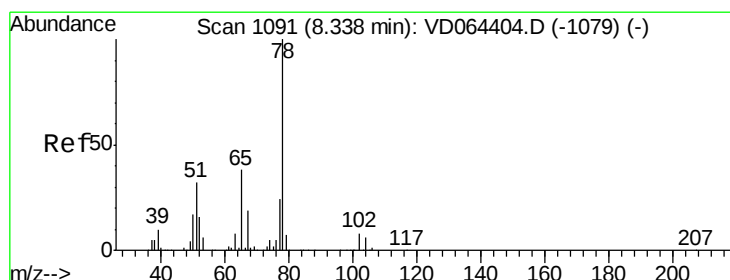
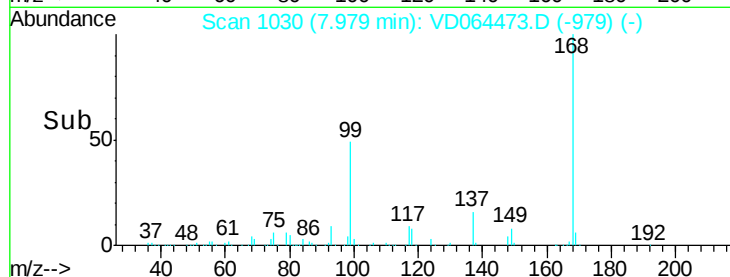
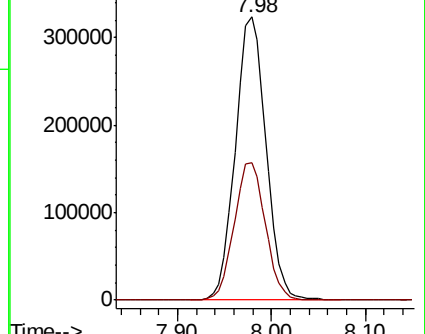
168 100

99 48.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 45.043 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064473.D

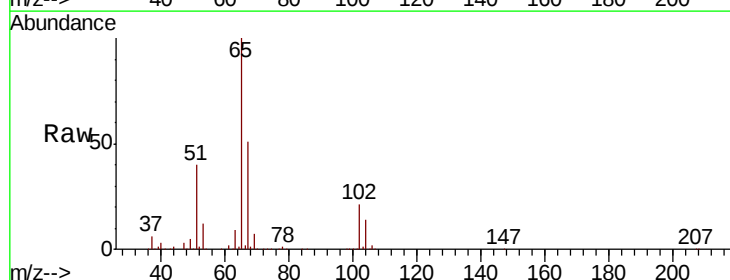
Acq: 09 Dec 2019 16:21

Tgt Ion: 65 Resp: 298796

Ion Ratio Lower Upper

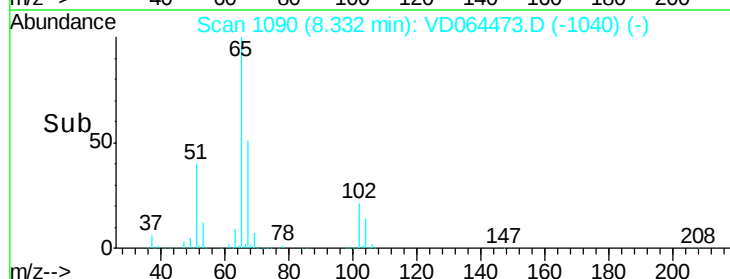
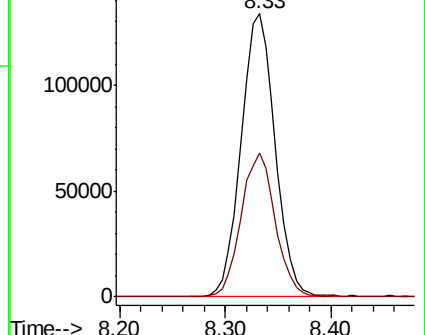
65 100

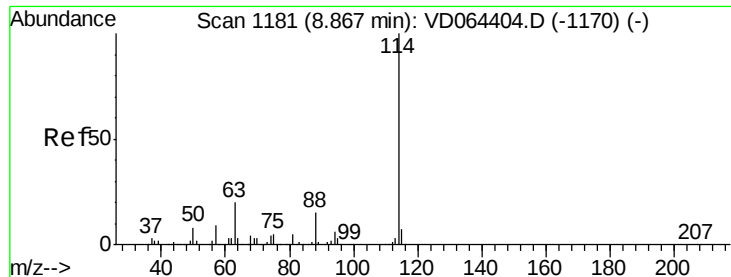
67 51.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

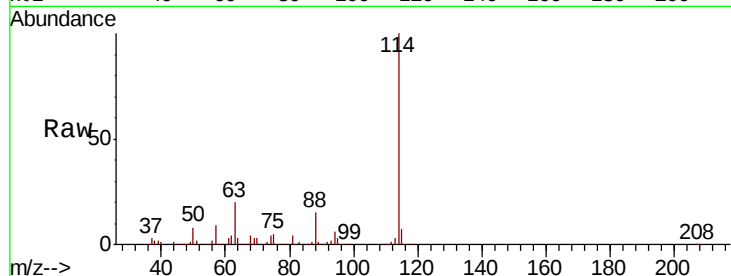




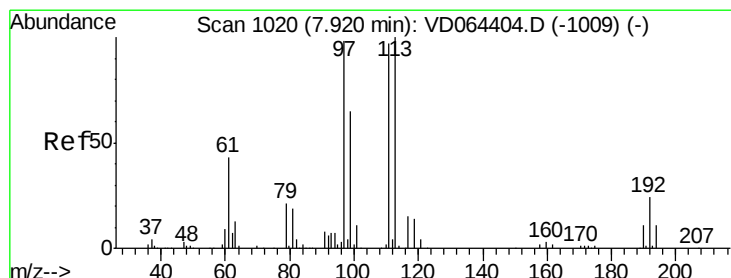
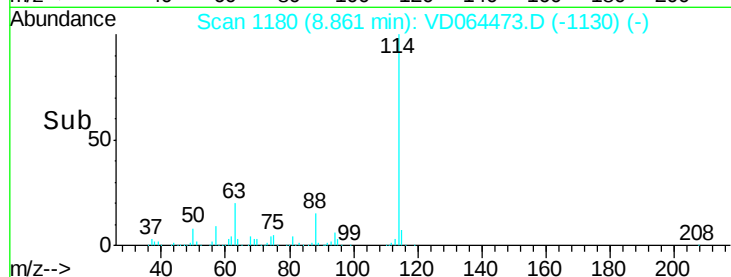
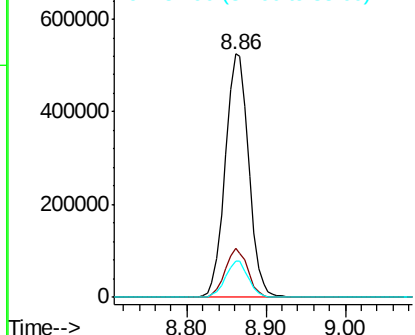
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Instrument :
MSVOA_D
ClientSampleId :
K165-SB-1

Tot Ion:114 Resp: 1075119
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.1 0.0 29.2

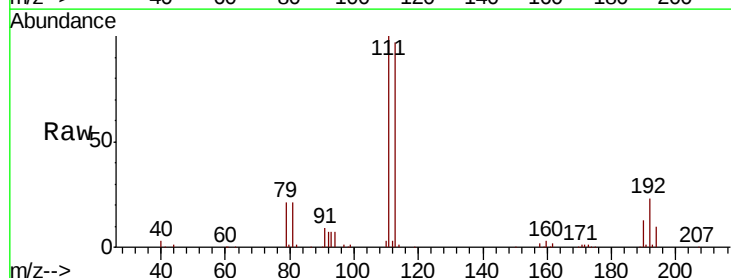


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

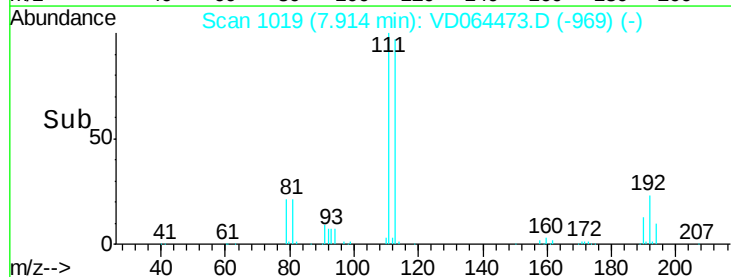
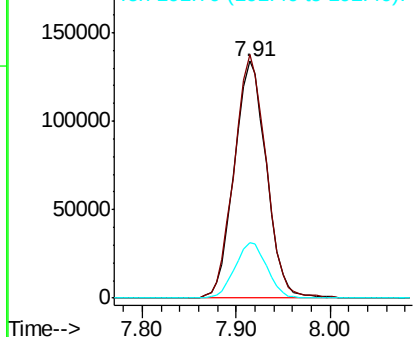


#35
Dibromofluoromethane
Concen: 47.052 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Tgt Ion:113 Resp: 318720
Ion Ratio Lower Upper
113 100
111 102.2 79.4 119.2
192 23.2 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.538 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

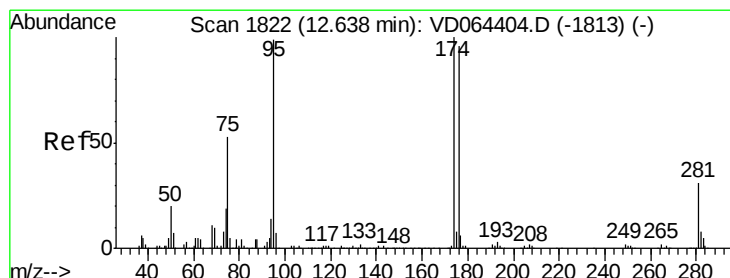
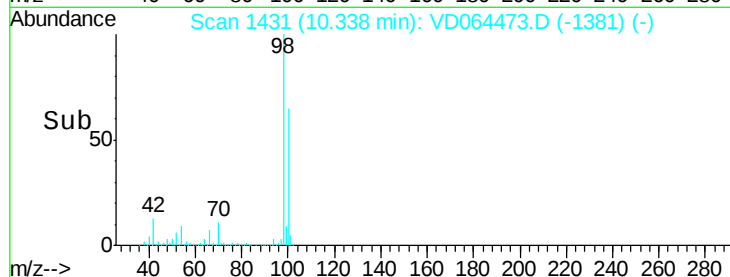
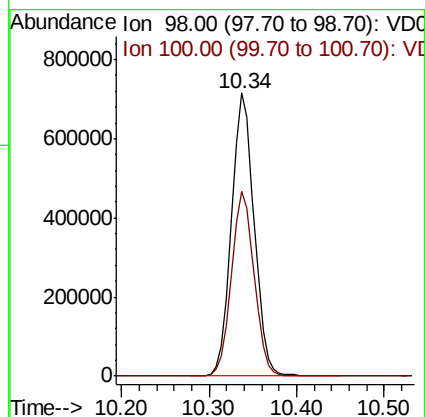
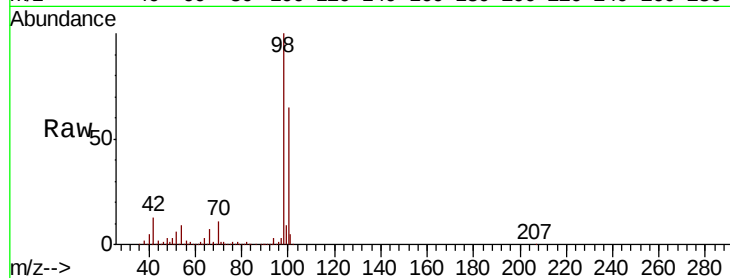
K165-SB-1

Tot Ion: 98 Resp: 1264026

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 52.310 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

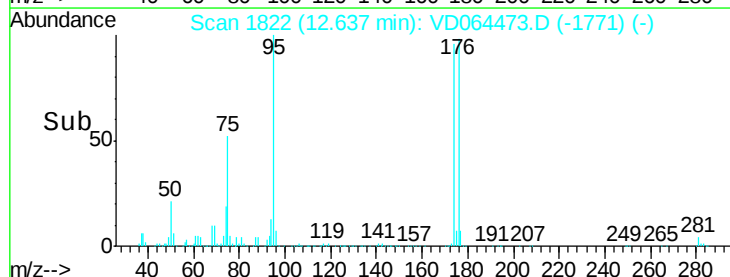
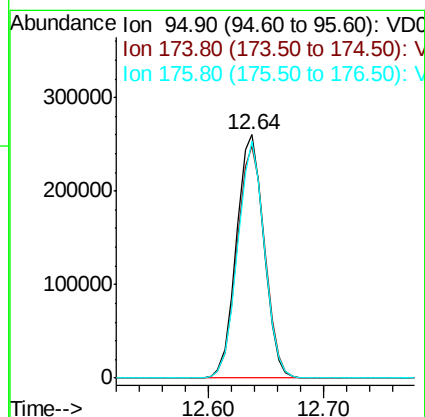
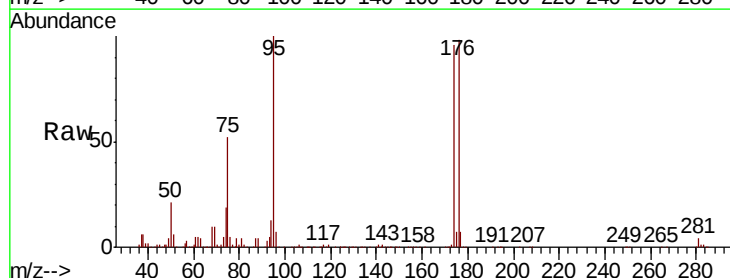
Tgt Ion: 95 Resp: 428948

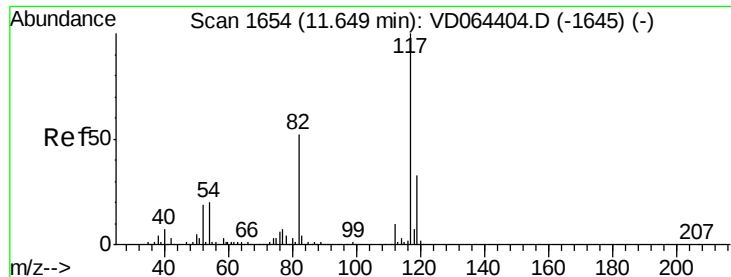
Ion Ratio Lower Upper

95 100

174 96.3 0.0 197.2

176 94.8 0.0 189.6

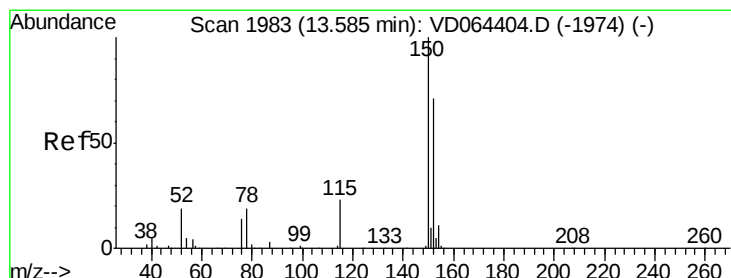
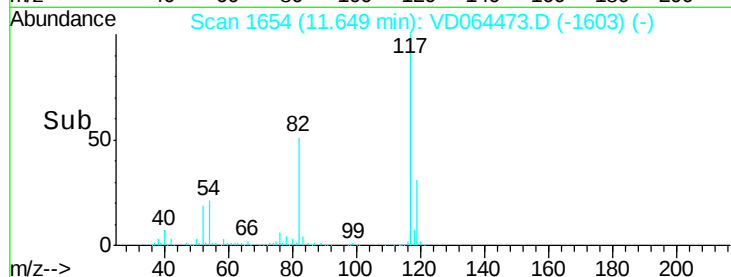
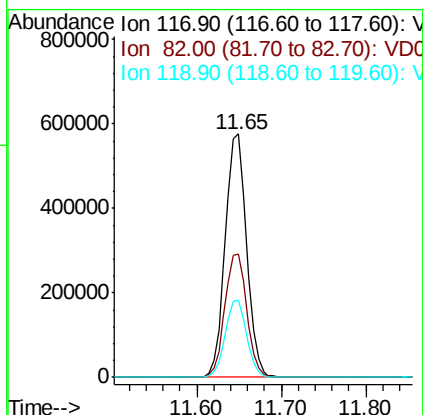
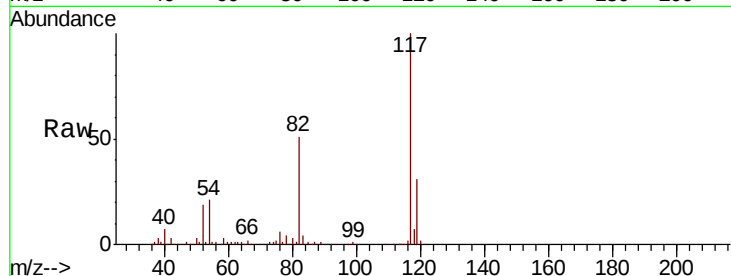




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Instrument :
MSVOA_D
ClientSampleId :
K165-SB-1

Tot Ion:117 Resp: 1005436
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.2
119 31.5 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: VD064473.D
Acq: 09 Dec 2019 16:21

Tgt Ion:152 Resp: 493466
Ion Ratio Lower Upper
152 100
115 54.3 26.7 80.1
150 156.4 0.0 347.2

