

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011020\
 Data File : VD064832.D
 Acq On : 10 Jan 2020 14:36
 Operator : VA/SY
 Sample : VW0110SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBL01

Quant Time: Jan 10 22:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

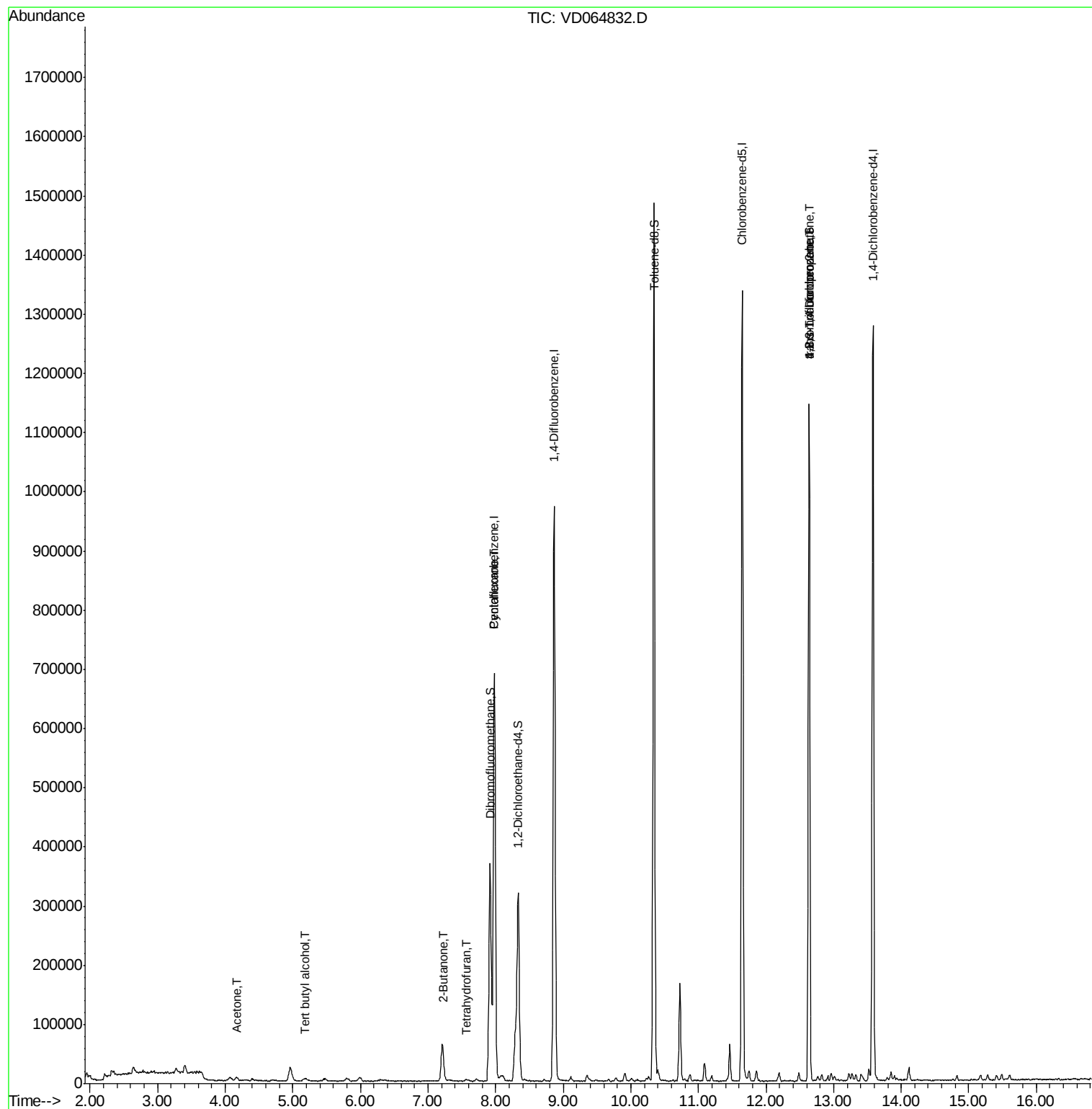
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	532206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	820902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	745397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	347006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	253317	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	7.92	113	250477	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	10.34	98	982730	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	311578	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	4730	17.587	ug/l #	70
16) Acetone	4.16	43	9871	12.992	ug/l	89
20) Methylene Chloride	4.97	84	16871	Below Cal	#	91
25) 2-Butanone	7.23	43	5363	4.157	ug/l #	85
29) Tetrahydrofuran	7.57	42	1392	1.735	ug/l #	49
31) Cyclohexane	7.98	56	15212	1.738	ug/l #	42
76) 1,2,3-Trichloropropane	12.64	75	168380	61.449	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	168380	128.518	ug/l #	10

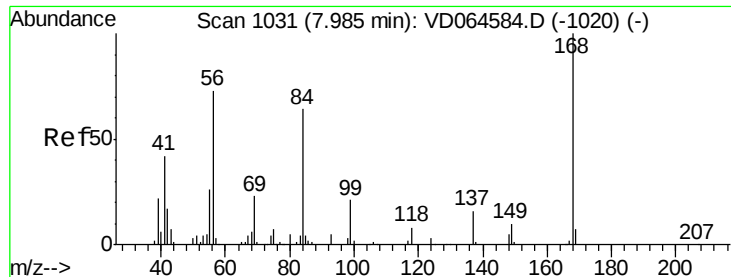
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD011020\
Data File : VD064832.D
Acq On : 10 Jan 2020 14:36
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0110SBL01

Quant Time: Jan 10 22:25:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 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: VD064832.D

Acq: 10 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

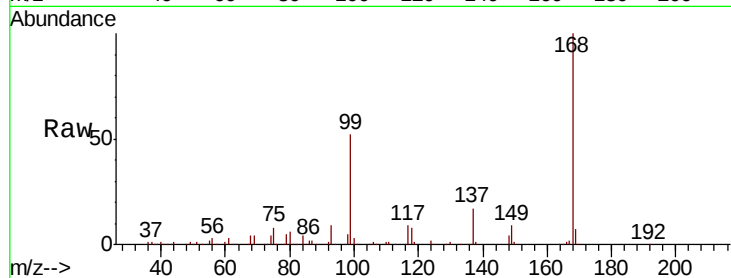
VD0110SBL01

Tot Ion:168 Resp: 532206

Ion Ratio Lower Upper

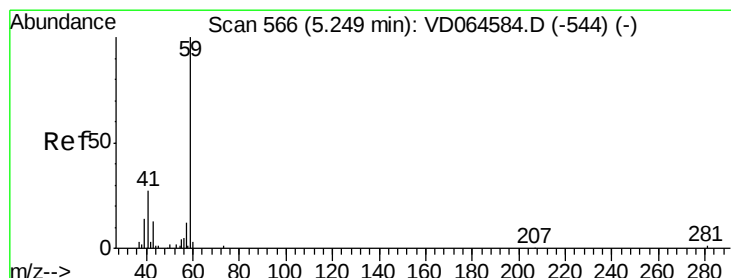
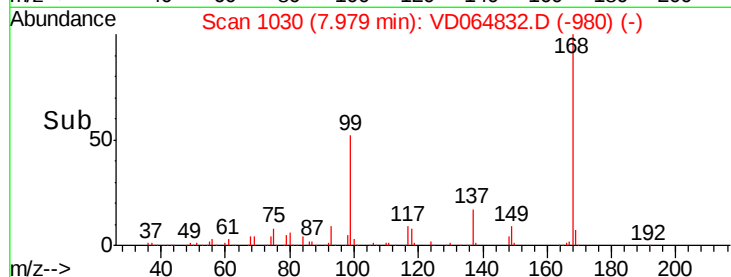
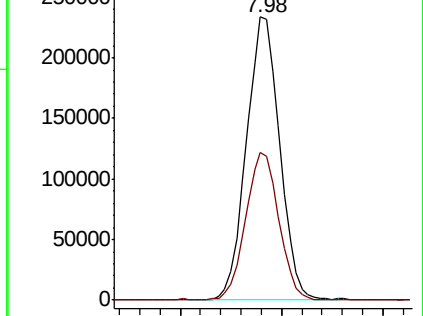
168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 17.587 ug/l

RT: 5.18 min Scan# 554

Delta R.T. -0.07 min

Lab File: VD064832.D

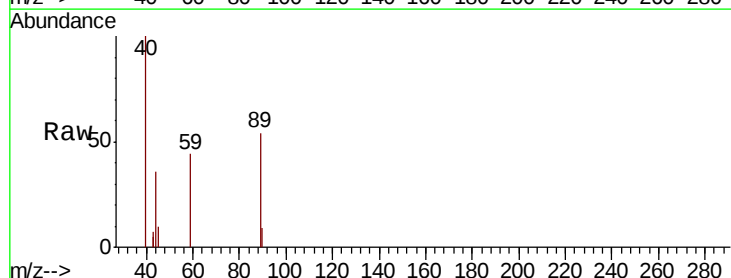
Acq: 10 Jan 2020 14:36

Tgt Ion: 59 Resp: 4730

Ion Ratio Lower Upper

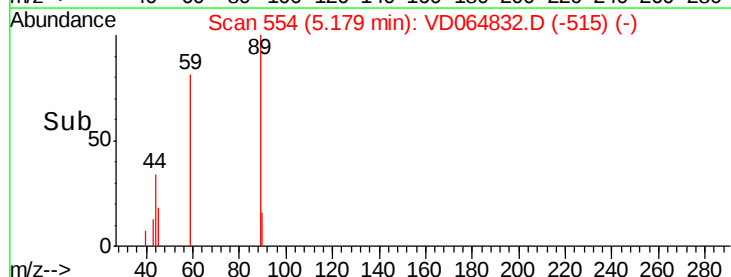
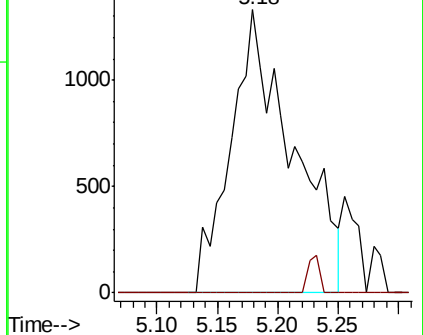
59 100

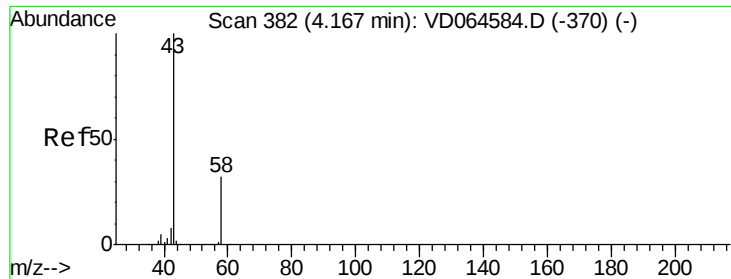
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 12.992 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064832.D

Acq: 10 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

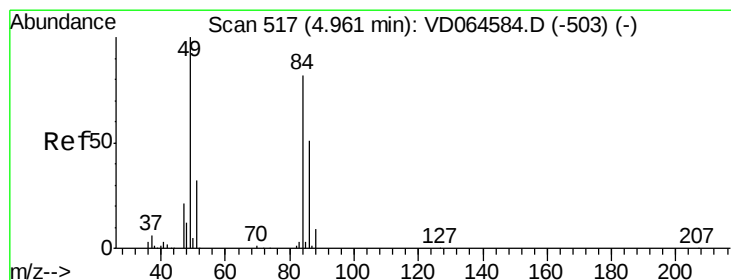
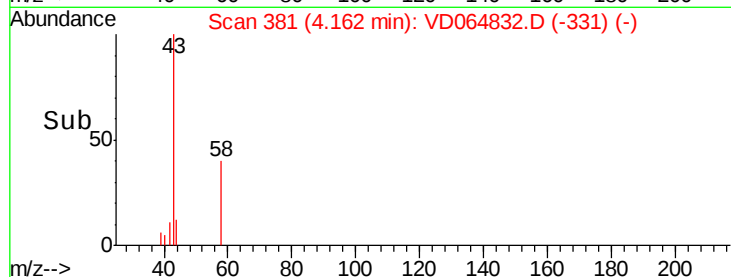
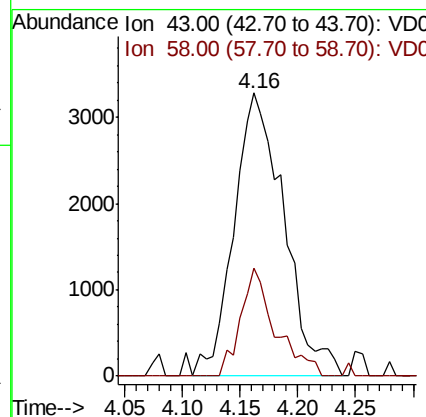
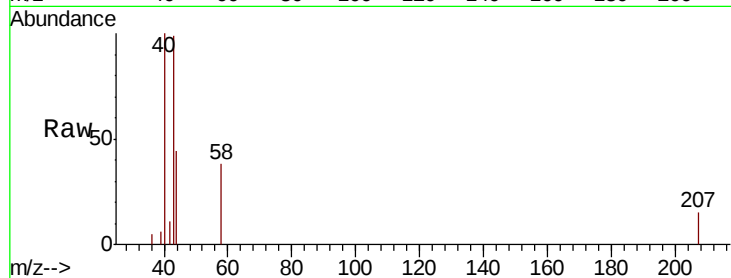
VD0110SBL01

Tot Ion: 43 Resp: 9871

Ion Ratio Lower Upper

43 100

58 38.2 25.8 38.6



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD064832.D

Acq: 10 Jan 2020 14:36

Tgt Ion: 84 Resp: 16871

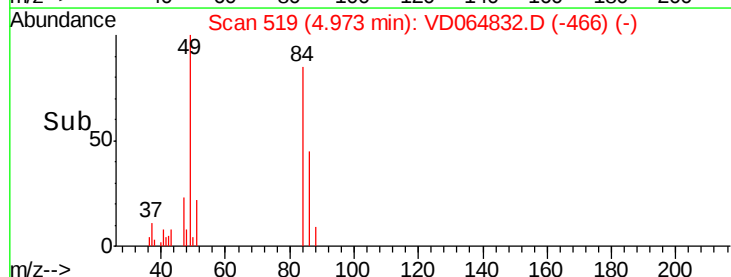
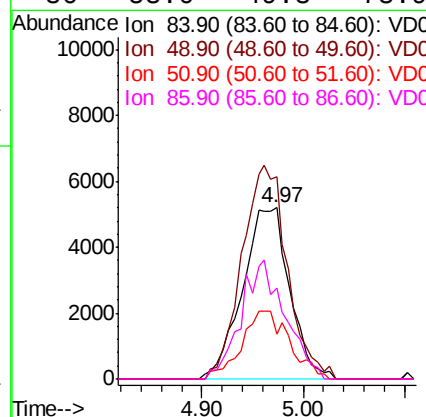
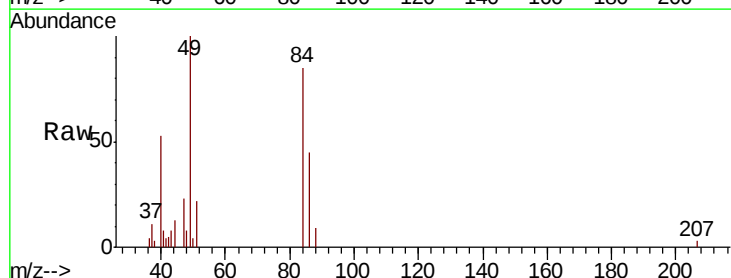
Ion Ratio Lower Upper

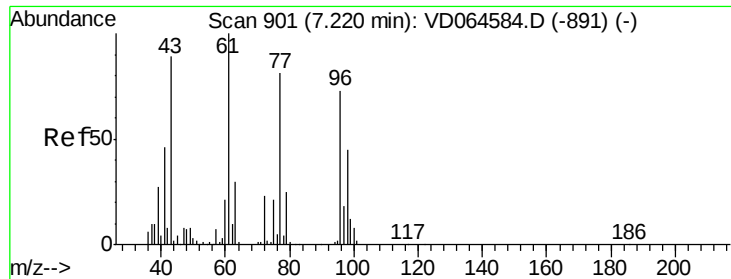
84 100

49 117.8 97.2 145.8

51 26.5 31.4 47.0#

86 53.0 49.3 73.9

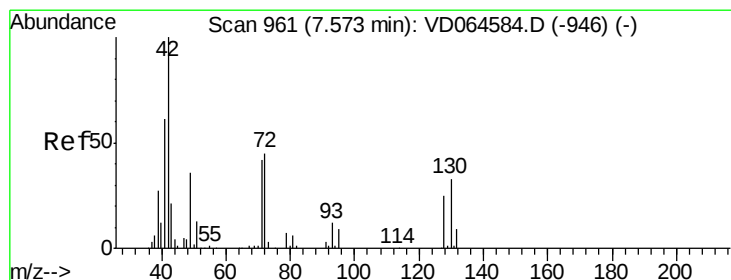
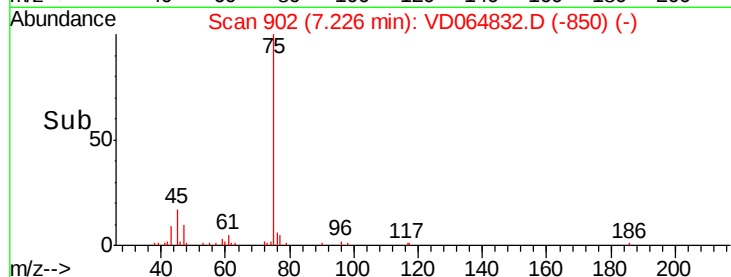
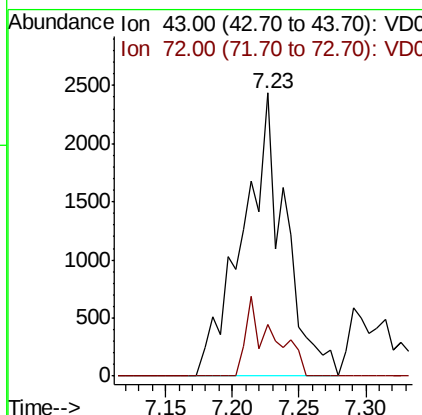
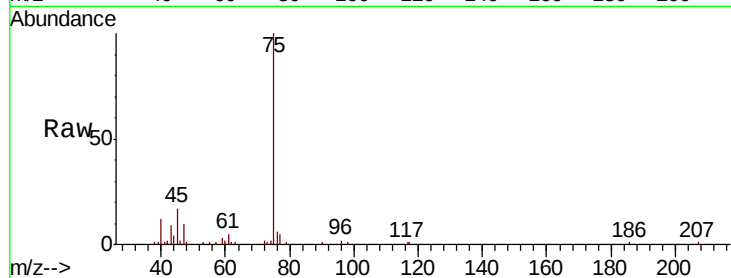




#25
2-Butanone
Concen: 4.157 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

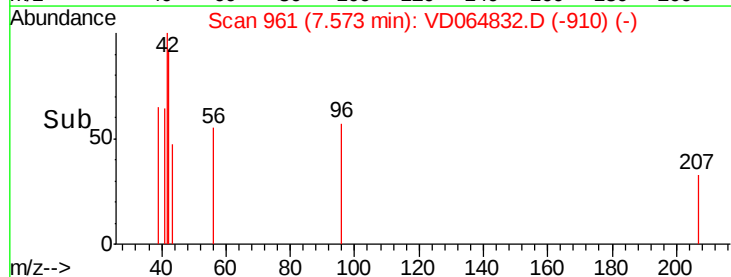
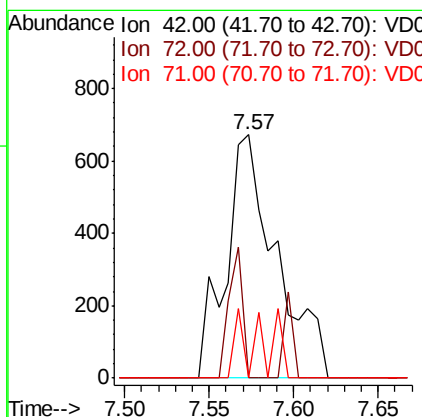
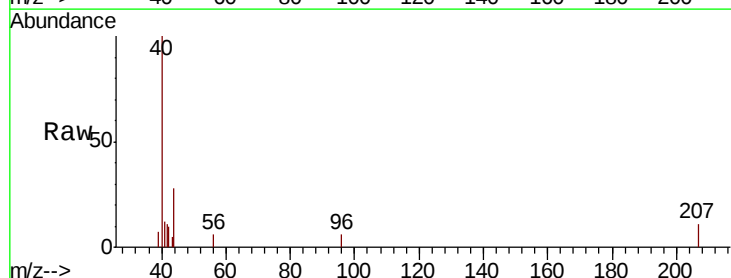
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBL01

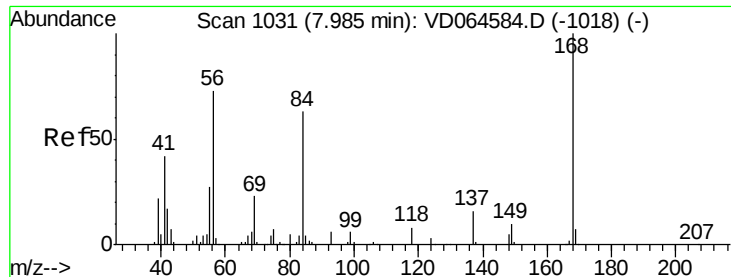
Tot Ion: 43 Resp: 5363
Ion Ratio Lower Upper
43 100
72 18.2 20.7 31.1#



#29
Tetrahydrofuran
Concen: 1.735 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

Tgt Ion: 42 Resp: 1392
Ion Ratio Lower Upper
42 100
72 14.6 35.0 52.4#
71 4.9 32.9 49.3#

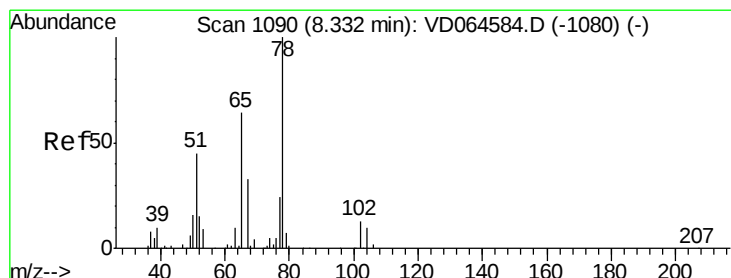
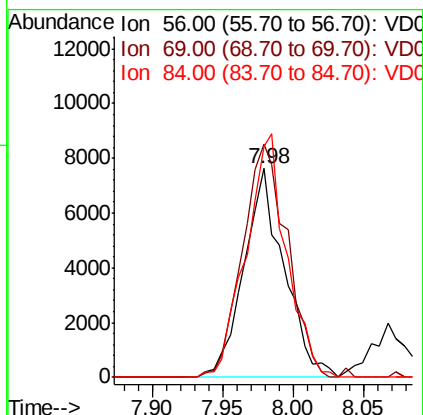
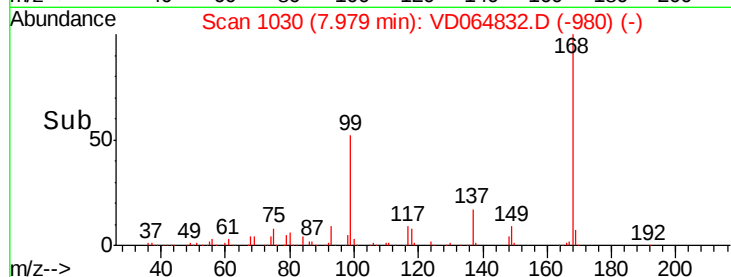
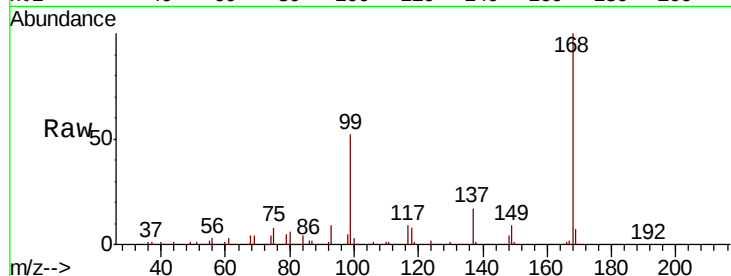




#31
Cyclohexane
Concen: 1.738 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

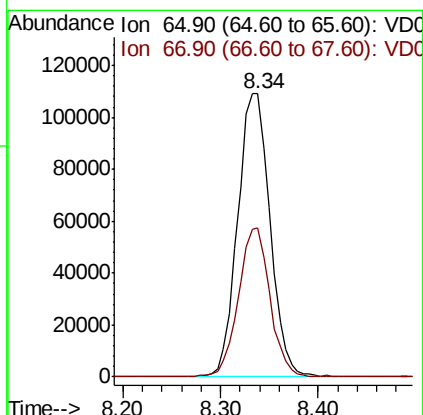
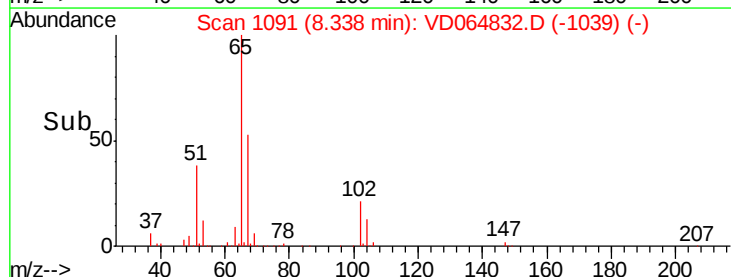
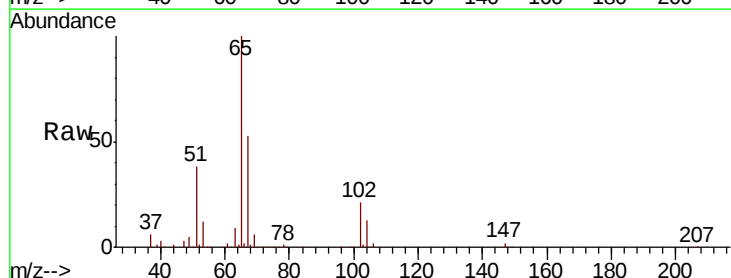
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBL01

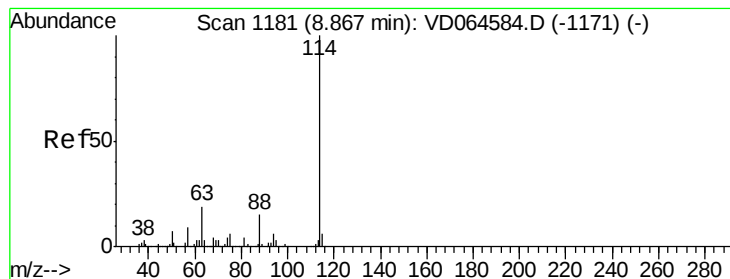
Tot Ion: 56 Resp: 15212
Ion Ratio Lower Upper
56 100
69 111.4 24.7 37.1#
84 110.6 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 53.978 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

Tgt Ion: 65 Resp: 253317
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064832.D

Acq: 10 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBL01

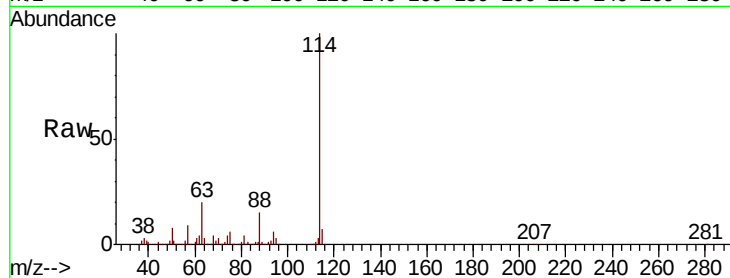
Tot Ion:114 Resp: 820902

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

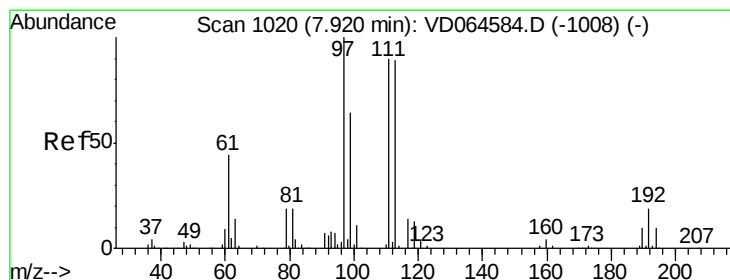
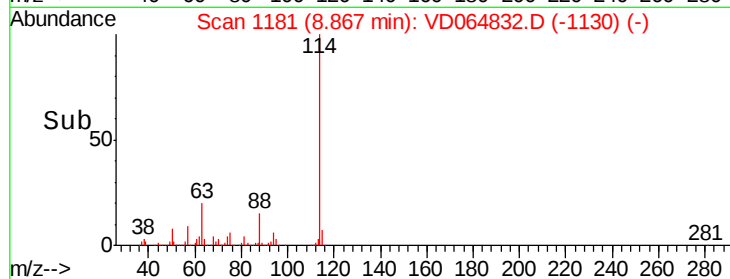
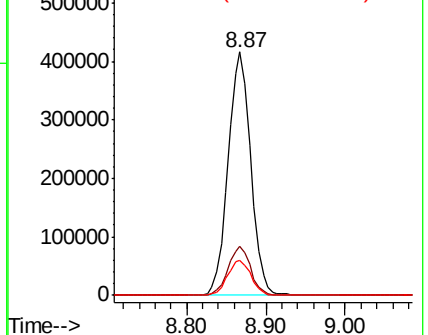
88 14.6 0.0 29.2



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



#35

Dibromofluoromethane

Concen: 49.734 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064832.D

Acq: 10 Jan 2020 14:36

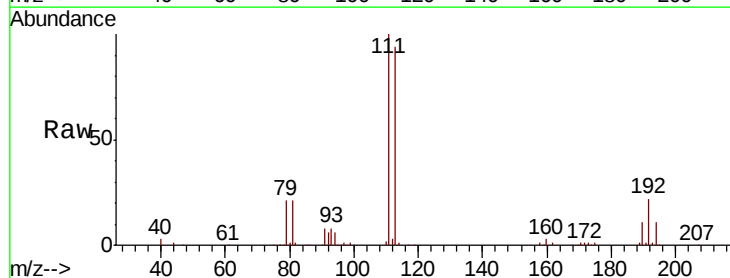
Tgt Ion:113 Resp: 250477

Ion Ratio Lower Upper

113 100

111 103.8 80.6 121.0

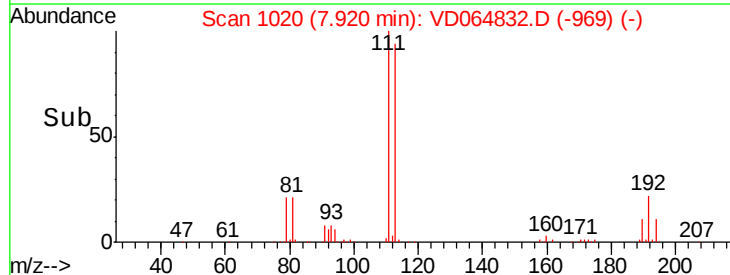
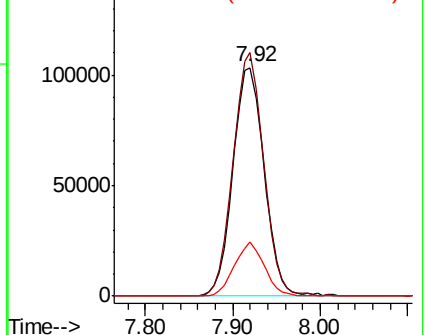
192 22.4 17.9 26.9

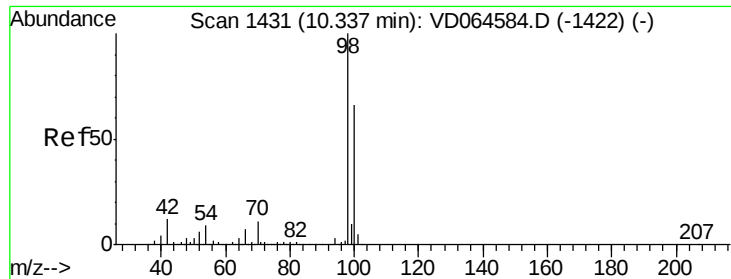


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

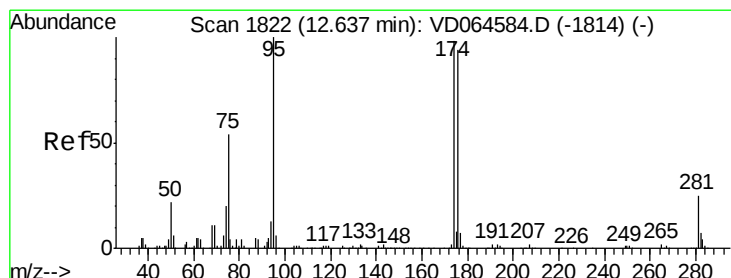
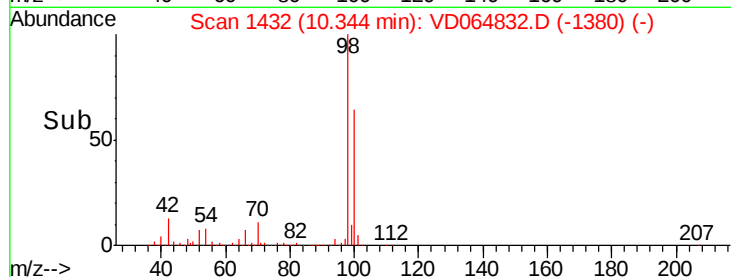
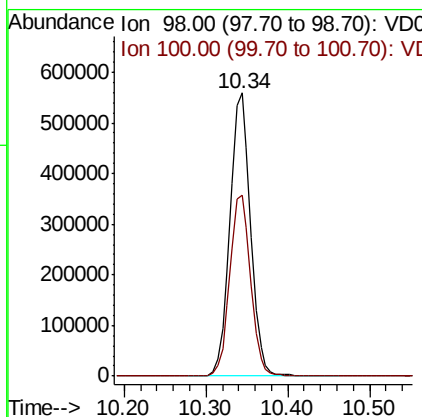
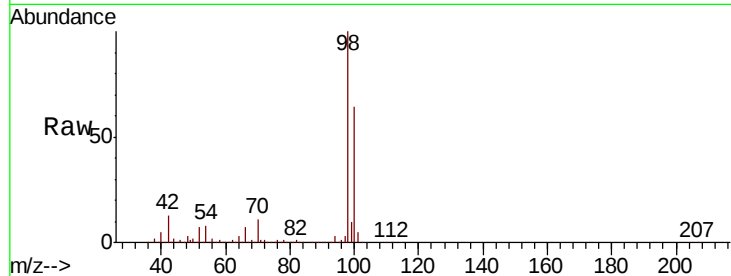




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

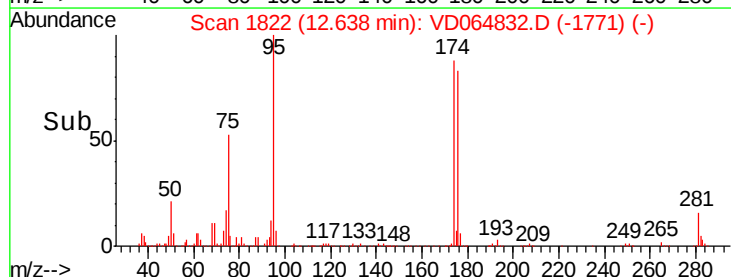
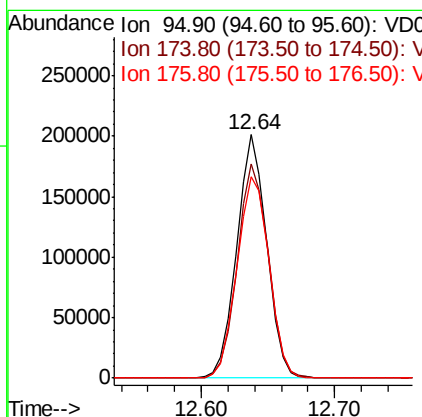
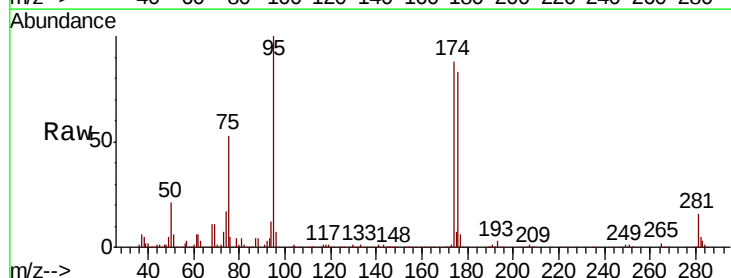
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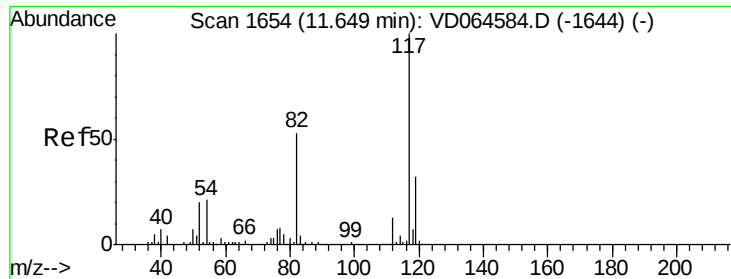
Tot Ion: 98 Resp: 982730
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.084 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

Tgt Ion: 95 Resp: 311578
Ion Ratio Lower Upper
95 100
174 91.0 0.0 193.2
176 88.8 0.0 184.2

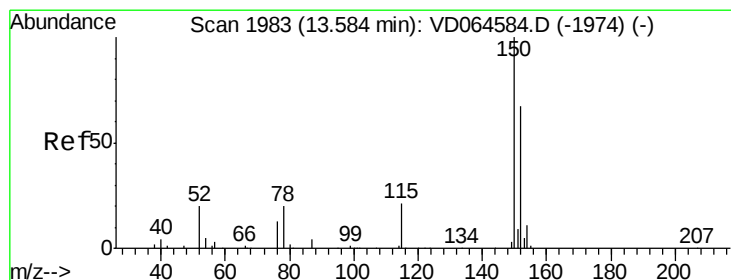
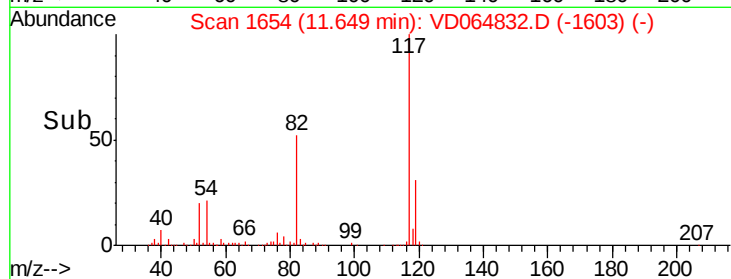
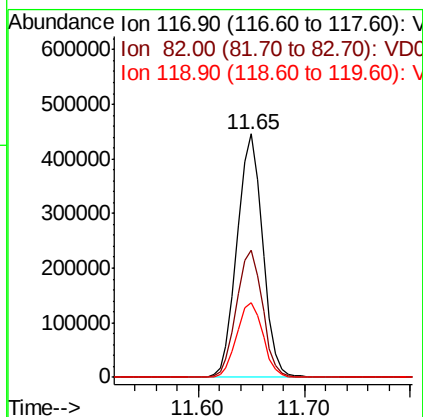
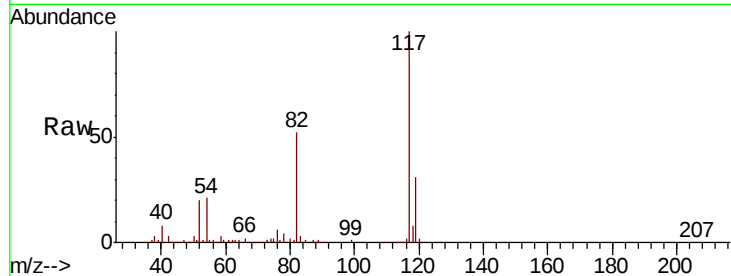




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

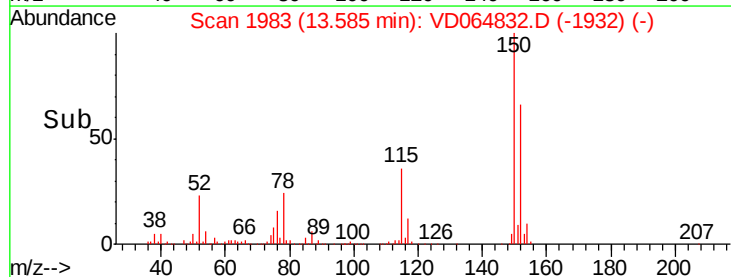
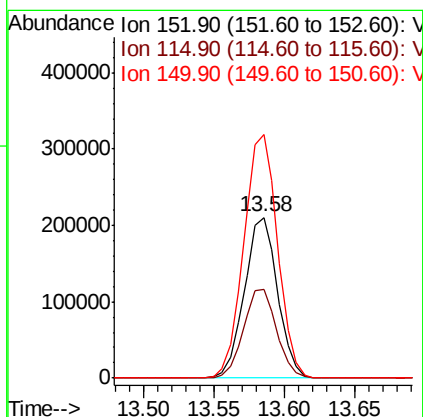
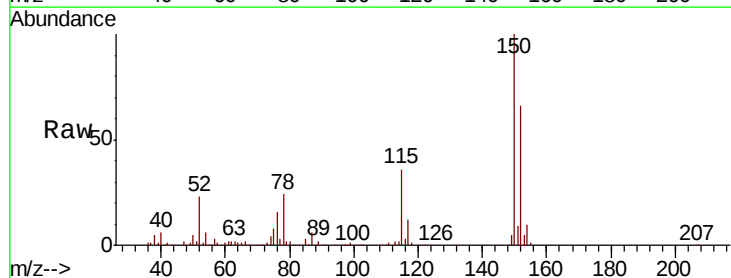
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBL01

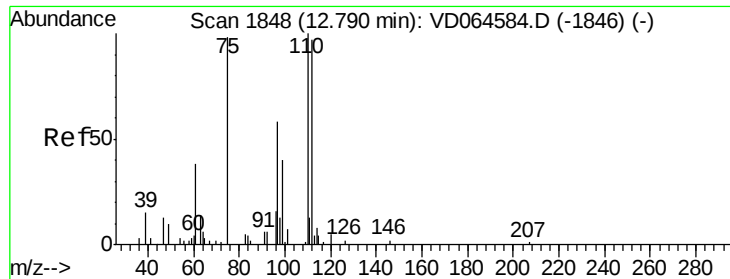
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	30.7	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064832.D
Acq: 10 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.4
150	154.4	0.0	351.4

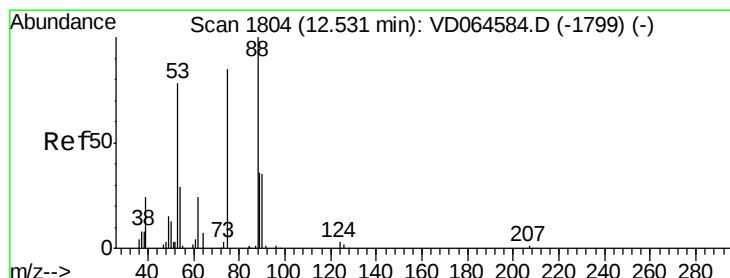
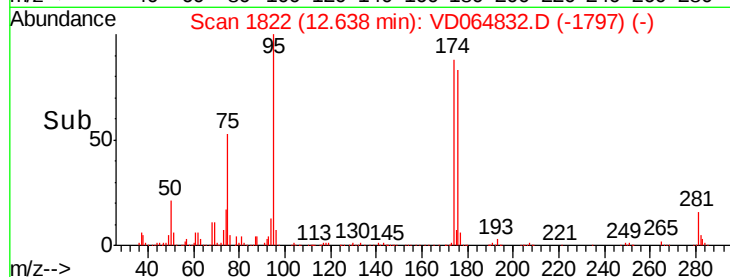
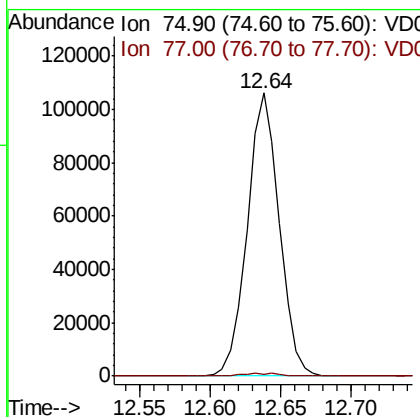
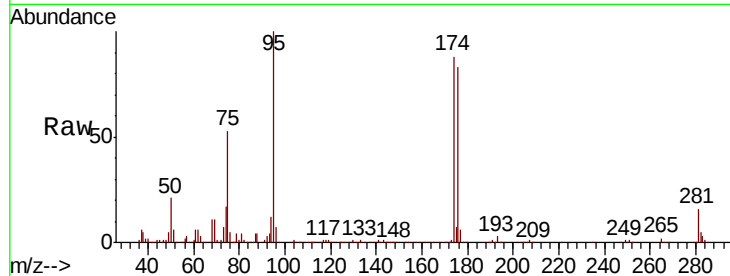




#76
 1,2,3-Trichloropropane
 Concen: 61.449 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064832.D
 Acq: 10 Jan 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBL01

Tot Ion: 75 Resp: 168380
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.518 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064832.D
 Acq: 10 Jan 2020 14:36

Tgt Ion: 75 Resp: 168380
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.8 118.2#
 89 0.0 38.3 57.5#

