

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064885.D
 Acq On : 20 Jan 2020 12:43
 Operator : VA/SY
 Sample : I.BLK
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:09:23 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

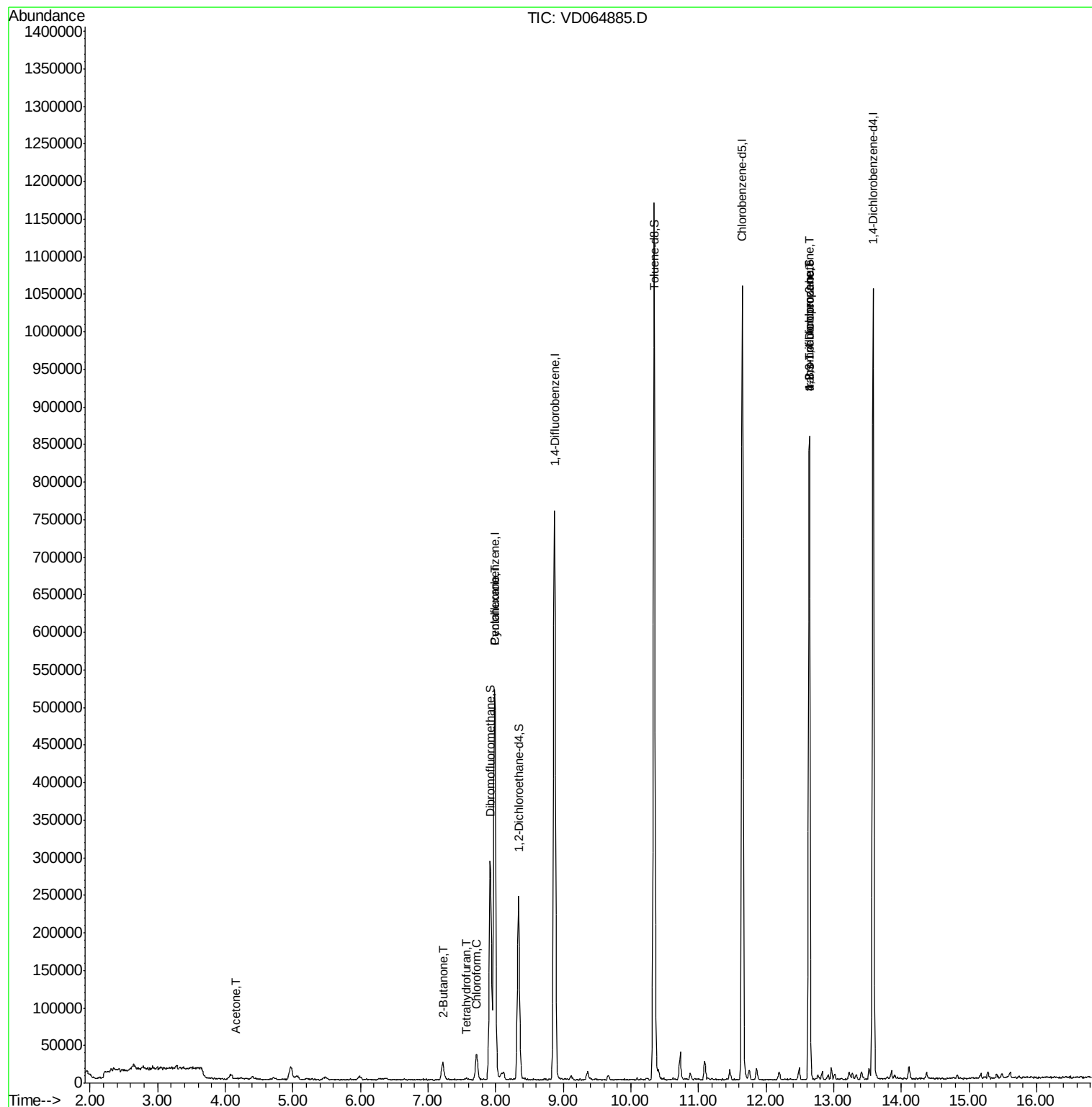
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	650669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	594424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	194108	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	7.92	113	202881	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.34	98	784008	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.64	95	248477	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
Target Compounds						
16) Acetone	4.17	43	1664	6.164	ug/l	96
20) Methylene Chloride	4.97	84	13613	Below Cal		86
25) 2-Butanone	7.22	43	1669	1.723	ug/l #	59
29) Tetrahydrofuran	7.58	42	781	1.296	ug/l #	56
30) Chloroform	7.72	83	32124	4.665	ug/l	98
31) Cyclohexane	7.98	56	11656	1.774	ug/l #	32
76) 1,2,3-Trichloropropane	12.64	75	130575	58.846	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	130575	123.074	ug/l #	10

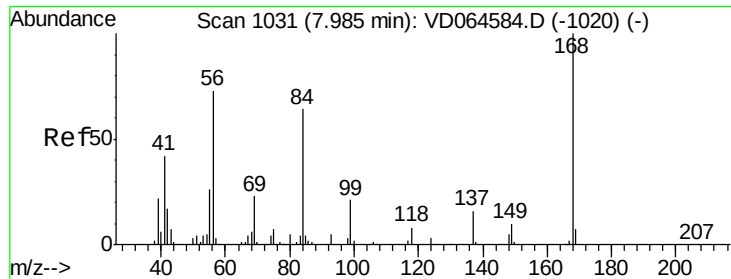
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
Data File : VD064885.D
Acq On : 20 Jan 2020 12:43
Operator : VA/SY
Sample : I.BLK
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 21 04:09:23 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# 1031

Delta R.T. 0.00 min

Lab File: VD064885.D

Acq: 20 Jan 2020 12:43

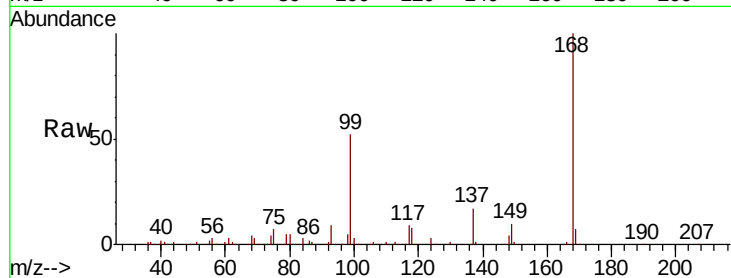
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 399646

Ion Ratio Lower Upper

168 100

99 52.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

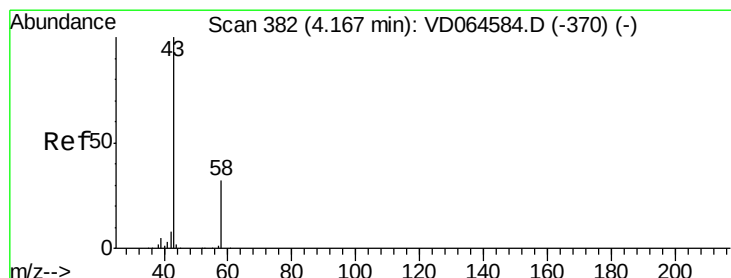
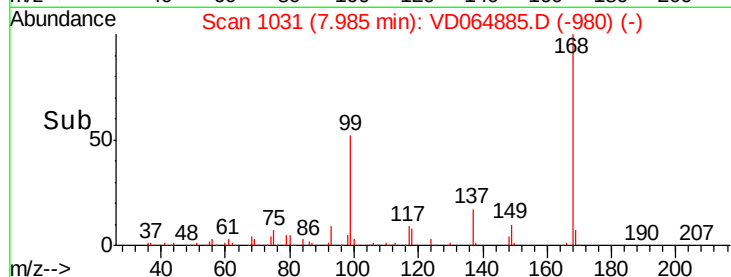
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.164 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064885.D

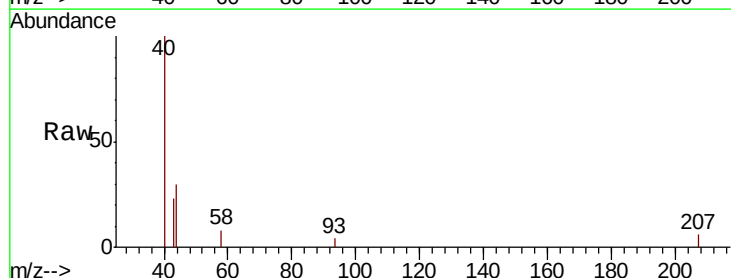
Acq: 20 Jan 2020 12:43

Tgt Ion: 43 Resp: 1664

Ion Ratio Lower Upper

43 100

58 34.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1000

800

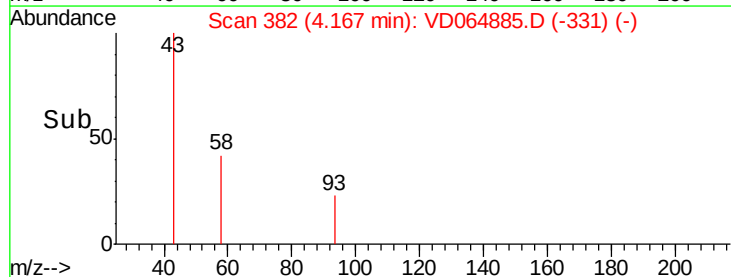
600

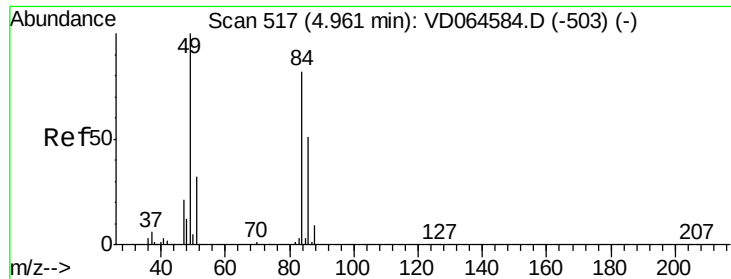
400

200

0

Time-->

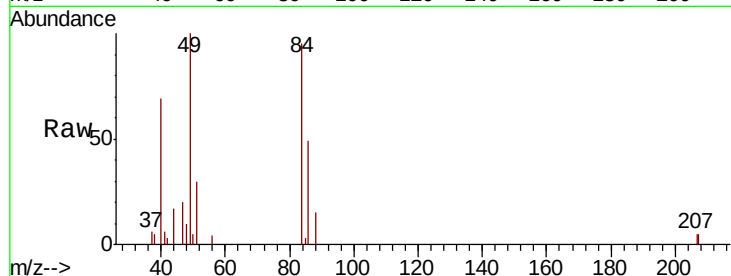




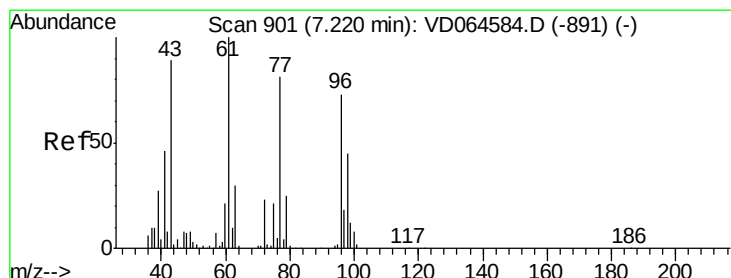
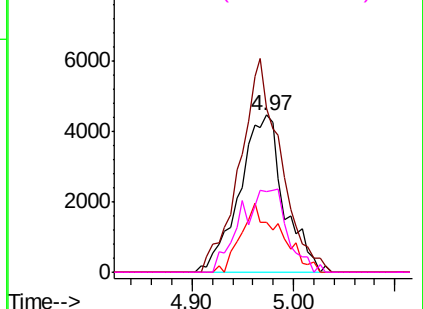
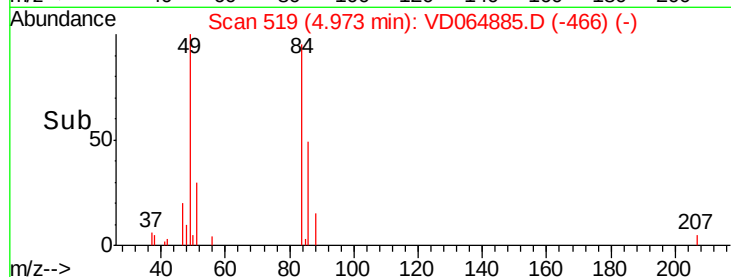
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 13613
Ion Ratio Lower Upper
84 100
49 104.8 97.2 145.8
51 31.7 31.4 47.0
86 51.7 49.3 73.9

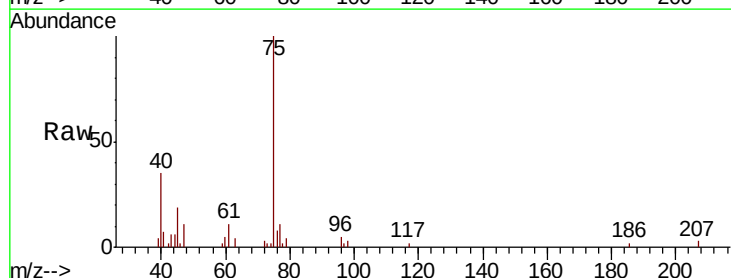


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

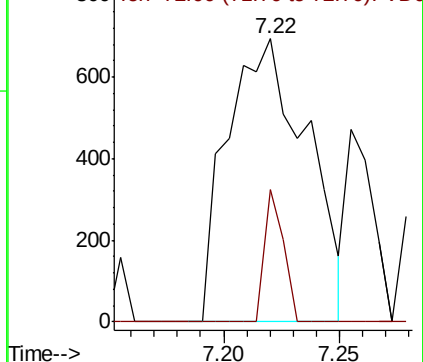
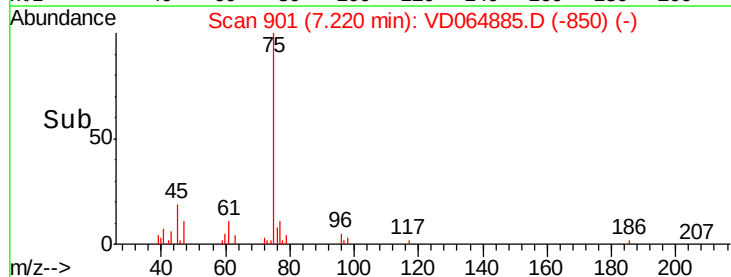


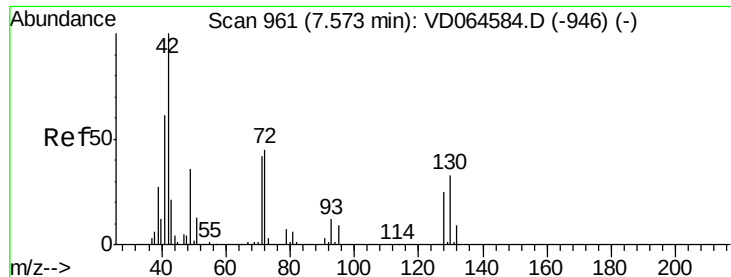
#25
2-Butanone
Concen: 1.723 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
72 46.6 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

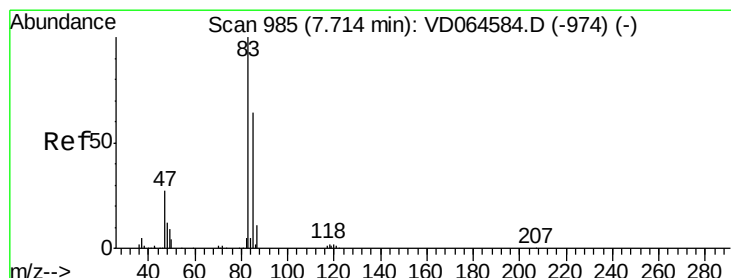
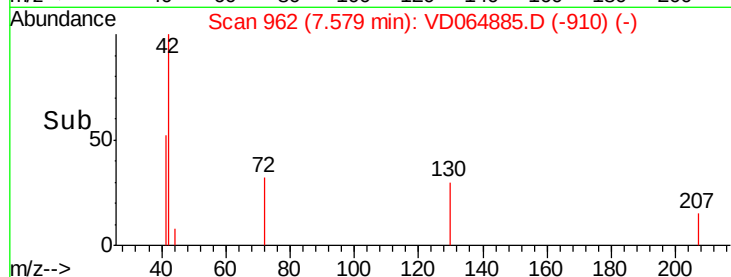
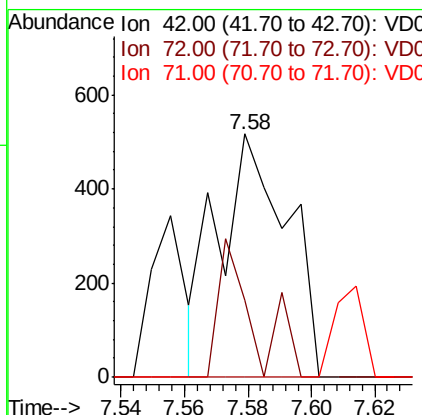
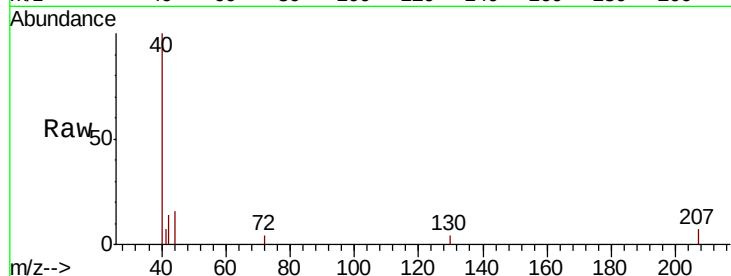




#29
Tetrahydrofuran
Concen: 1.296 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

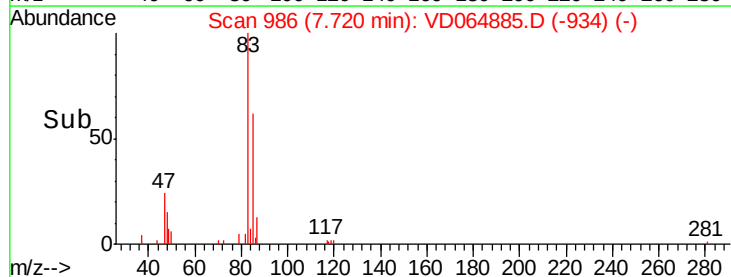
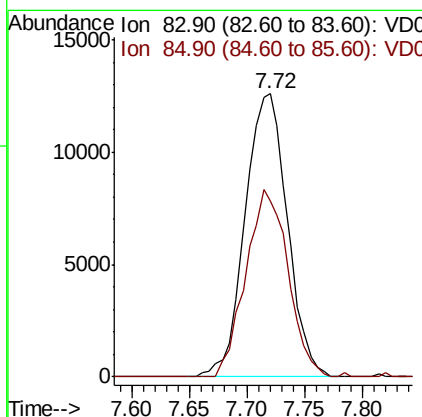
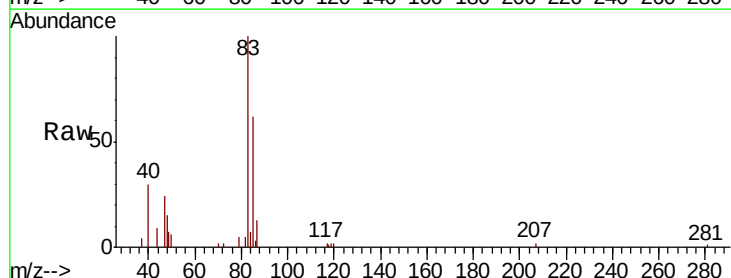
Instrument :
MSVOA_D
ClientSampled :

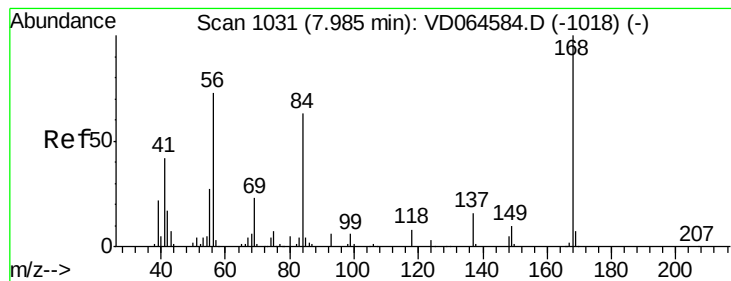
Tot Ion: 42 Resp: 781
Ion Ratio Lower Upper
42 100
72 28.8 35.0 52.4#
71 0.0 32.9 49.3#



#30
Chloroform
Concen: 4.665 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

Tgt Ion: 83 Resp: 32124
Ion Ratio Lower Upper
83 100
85 62.2 51.1 76.7





#31

Cyclohexane

Concen: 1.774 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064885.D

Acq: 20 Jan 2020 12:43

Instrument :
MSVOA_D
ClientSampled :

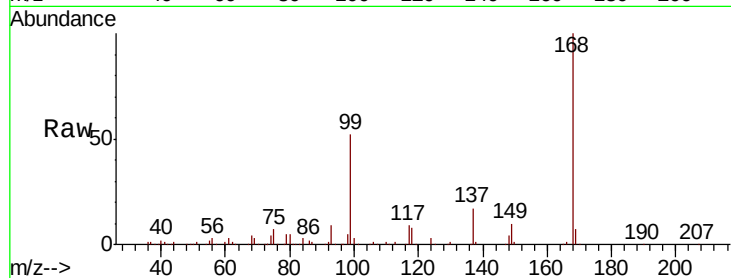
Tot Ion: 56 Resp: 11656

Ion Ratio Lower Upper

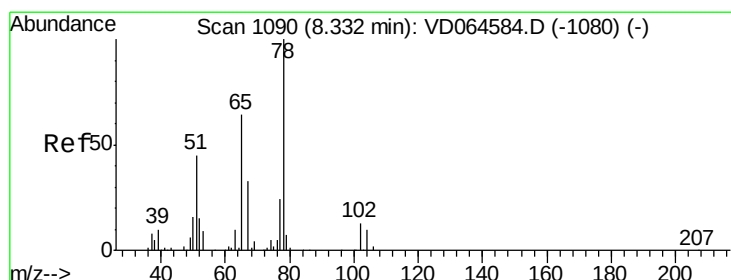
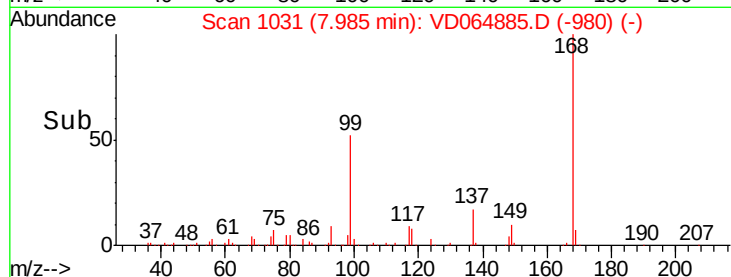
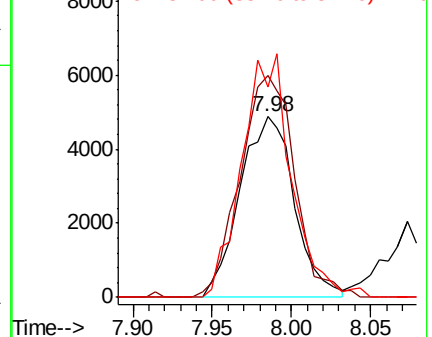
56 100

69 122.8 24.7 37.1#

84 116.4 69.4 104.2#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.081 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064885.D

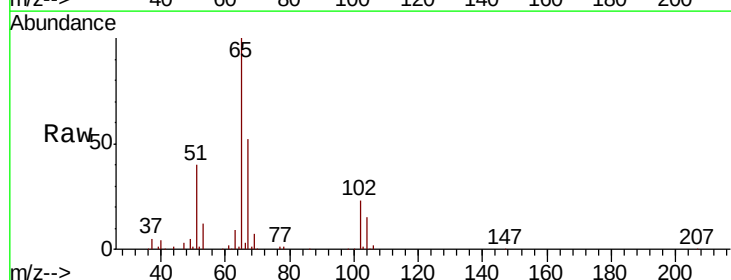
Acq: 20 Jan 2020 12:43

Tgt Ion: 65 Resp: 194108

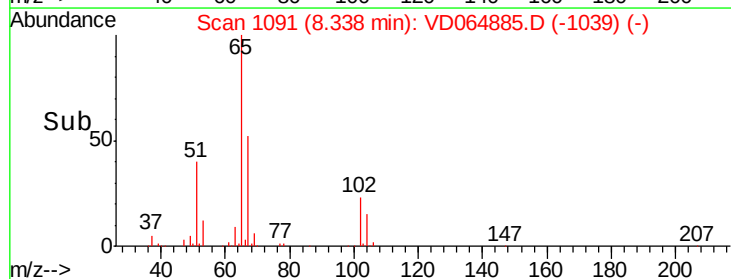
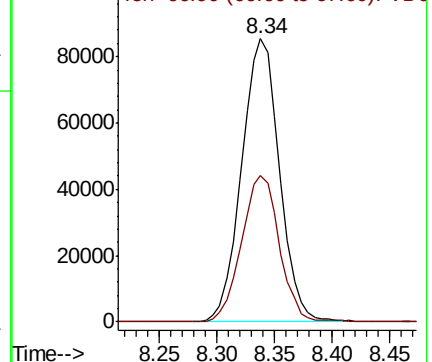
Ion Ratio Lower Upper

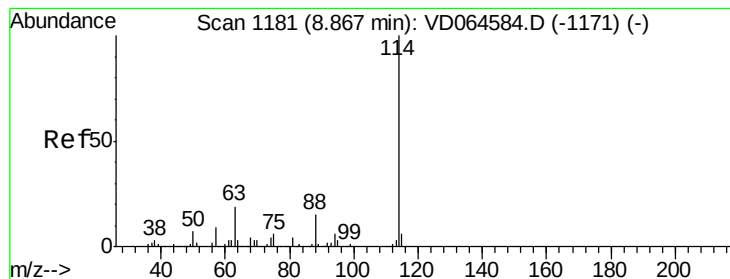
65 100

67 51.7 0.0 106.2



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: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD064885.D

Acq: 20 Jan 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

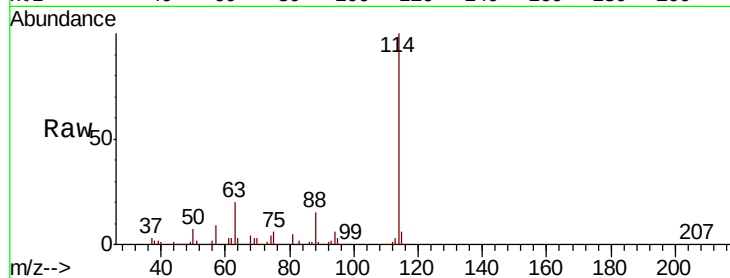
Tot Ion:114 Resp: 650669

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

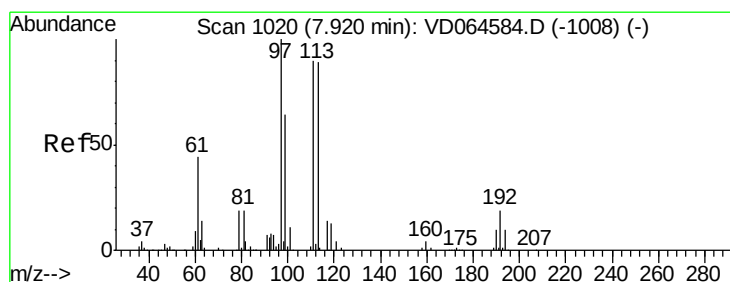
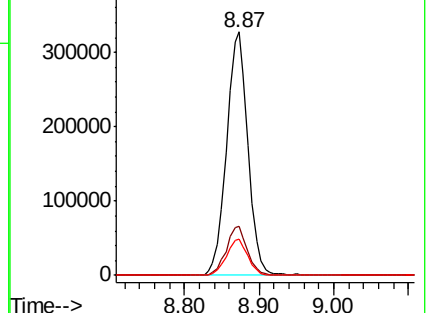
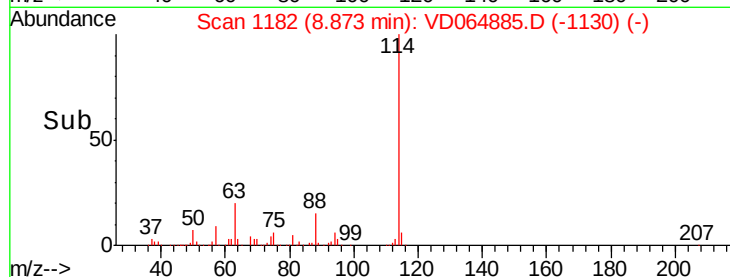
88 14.6 0.0 29.2



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: 50.822 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064885.D

Acq: 20 Jan 2020 12:43

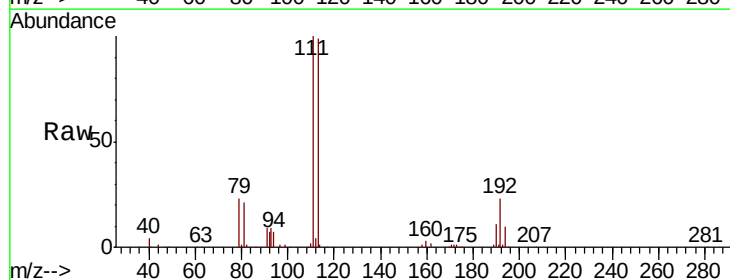
Tgt Ion:113 Resp: 202881

Ion Ratio Lower Upper

113 100

111 102.0 80.6 121.0

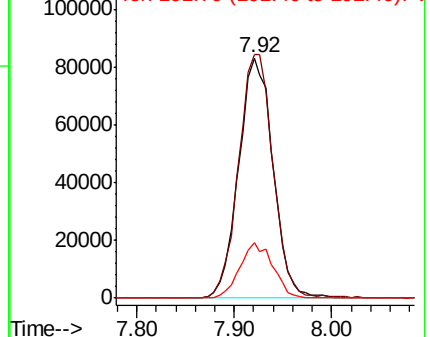
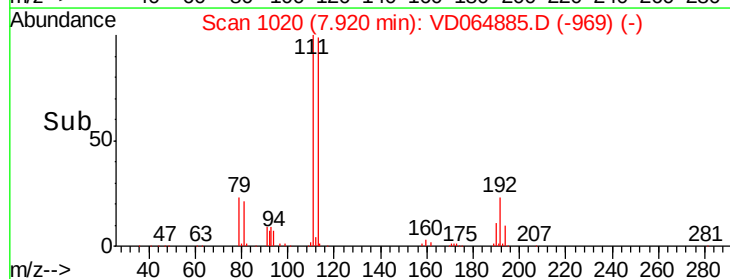
192 22.1 17.9 26.9

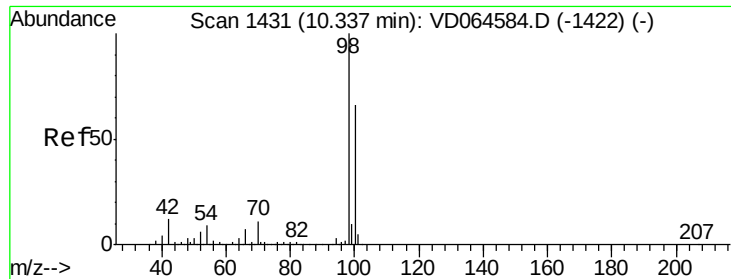


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

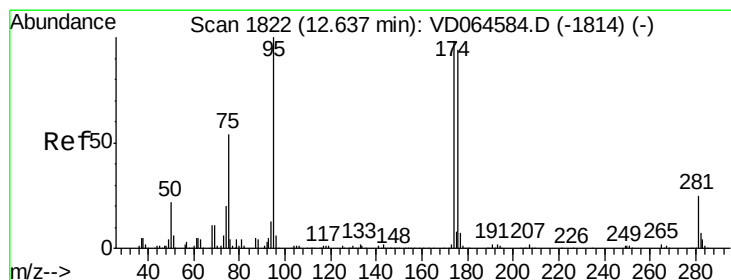
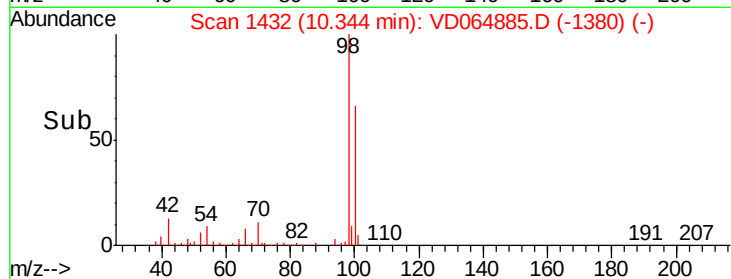
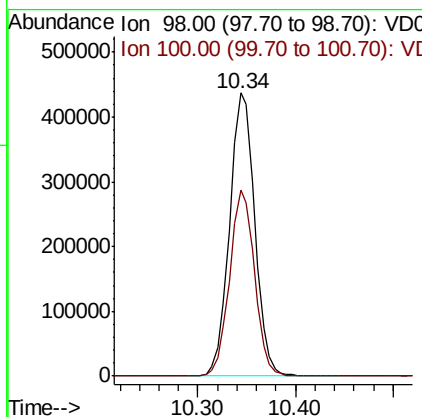
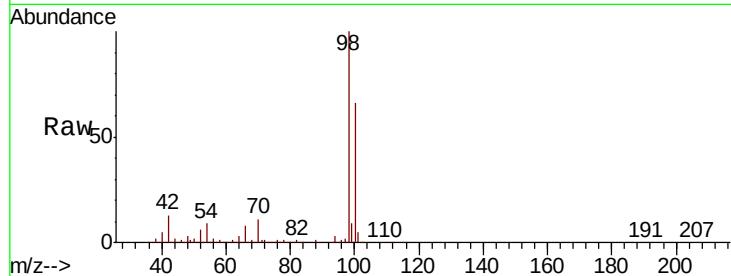




#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

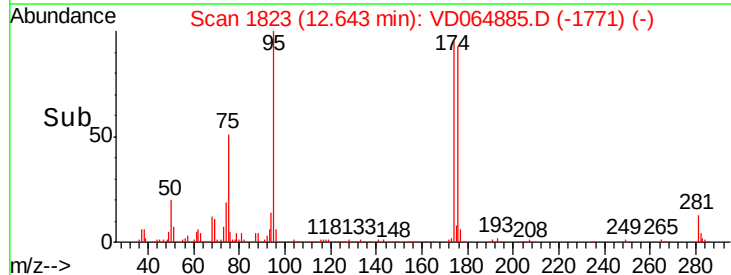
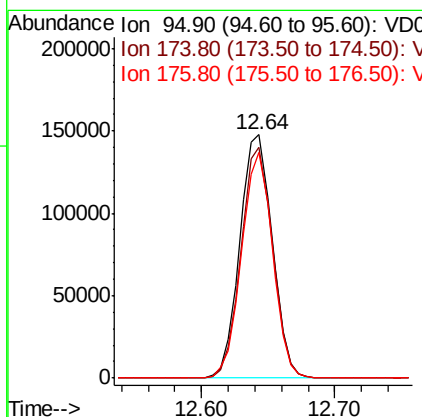
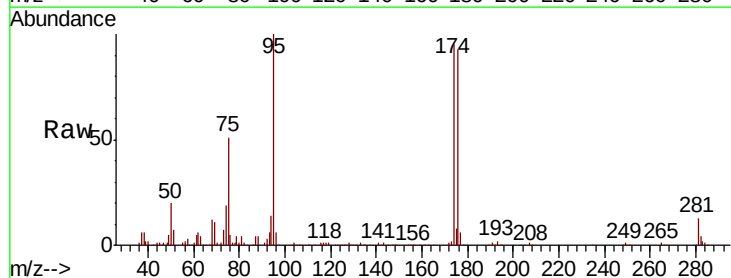
Instrument :
MSVOA_D
ClientSampleId :

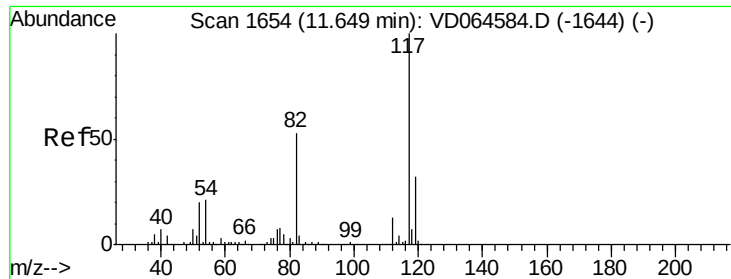
Tot Ion: 98 Resp: 784008
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.397 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

Tgt Ion: 95 Resp: 248477
Ion Ratio Lower Upper
95 100
174 92.4 0.0 193.2
176 88.6 0.0 184.2

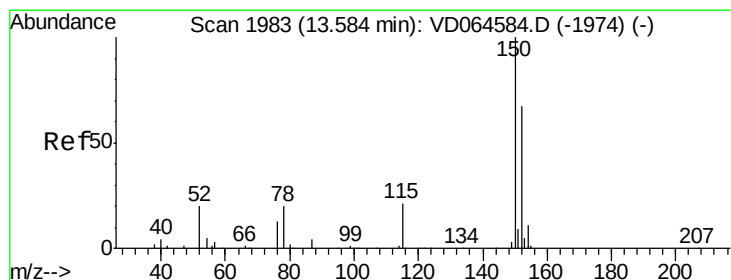
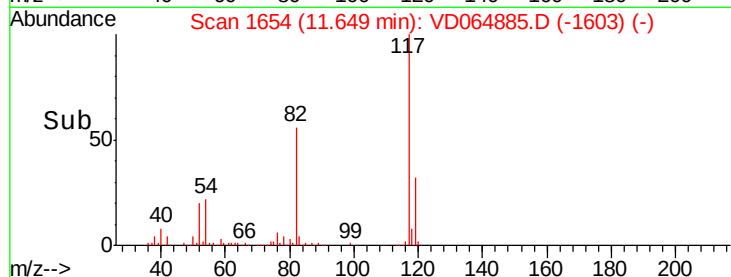
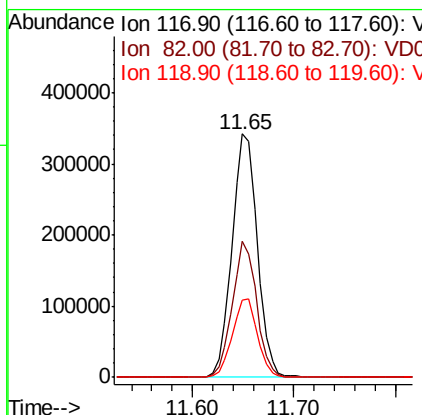
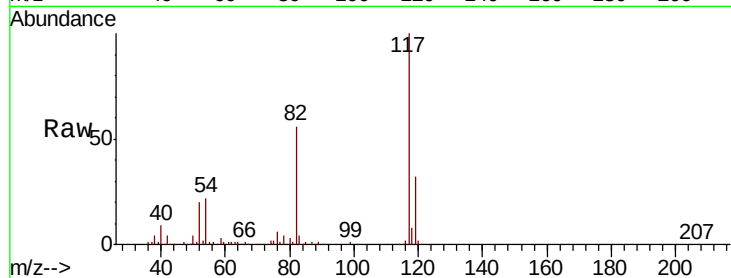




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

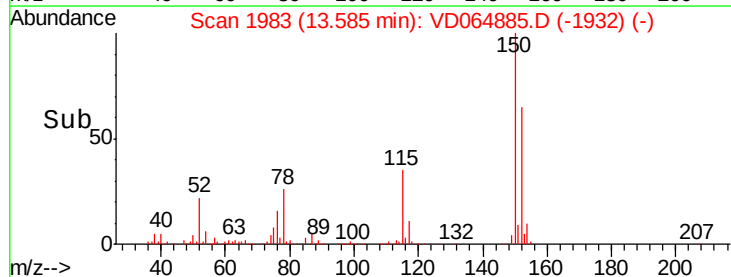
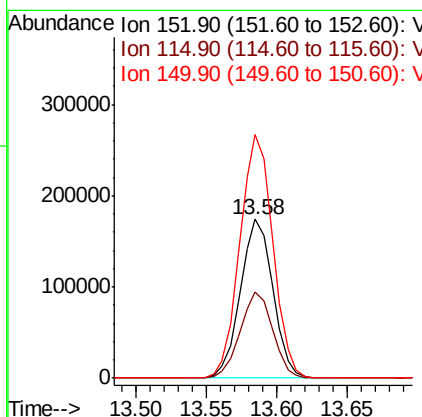
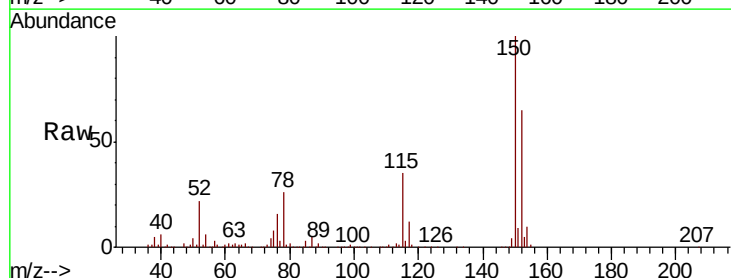
Instrument :
MSVOA_D
ClientSampleId :

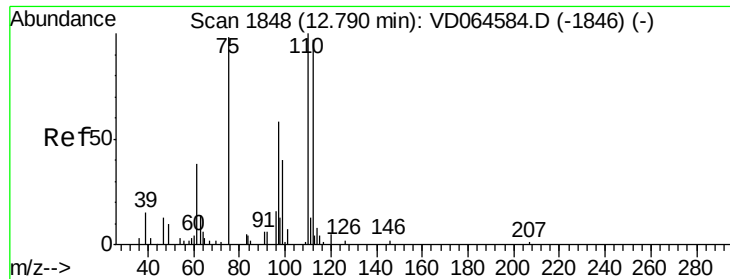
Tot Ion:117 Resp: 594424
Ion Ratio Lower Upper
117 100
82 55.9 42.2 63.4
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064885.D
Acq: 20 Jan 2020 12:43

Tgt Ion:152 Resp: 280998
Ion Ratio Lower Upper
152 100
115 54.0 27.8 83.4
150 155.5 0.0 351.4

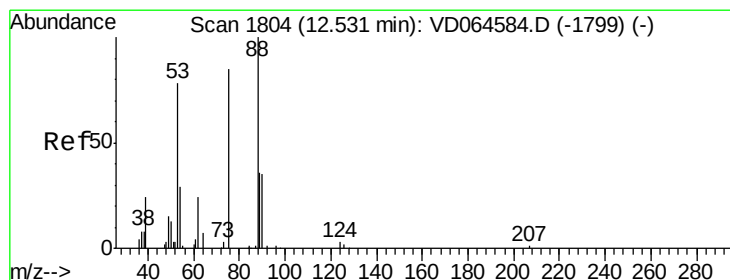
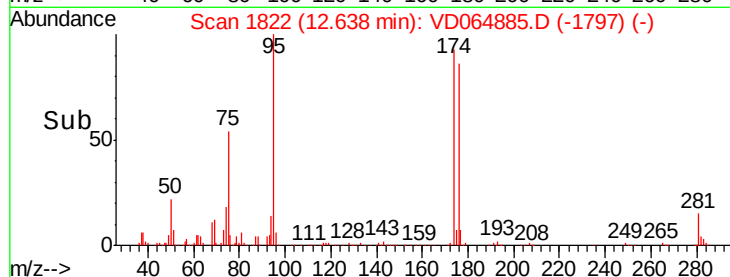
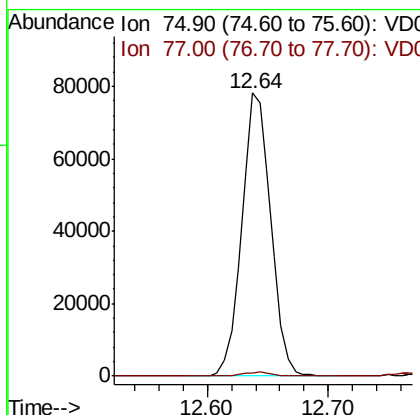
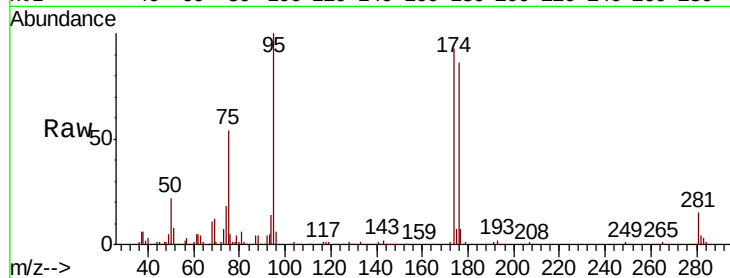




#76
 1,2,3-Trichloropropane
 Concen: 58.846 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064885.D
 Acq: 20 Jan 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 130575
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.074 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064885.D
 Acq: 20 Jan 2020 12:43

Tgt Ion: 75 Resp: 130575
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.8 118.2#
 89 0.1 38.3 57.5#

