

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064809.D
 Acq On : 09 Jan 2020 11:06
 Operator : VA/SY
 Sample : VD0109SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 13:06:25 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

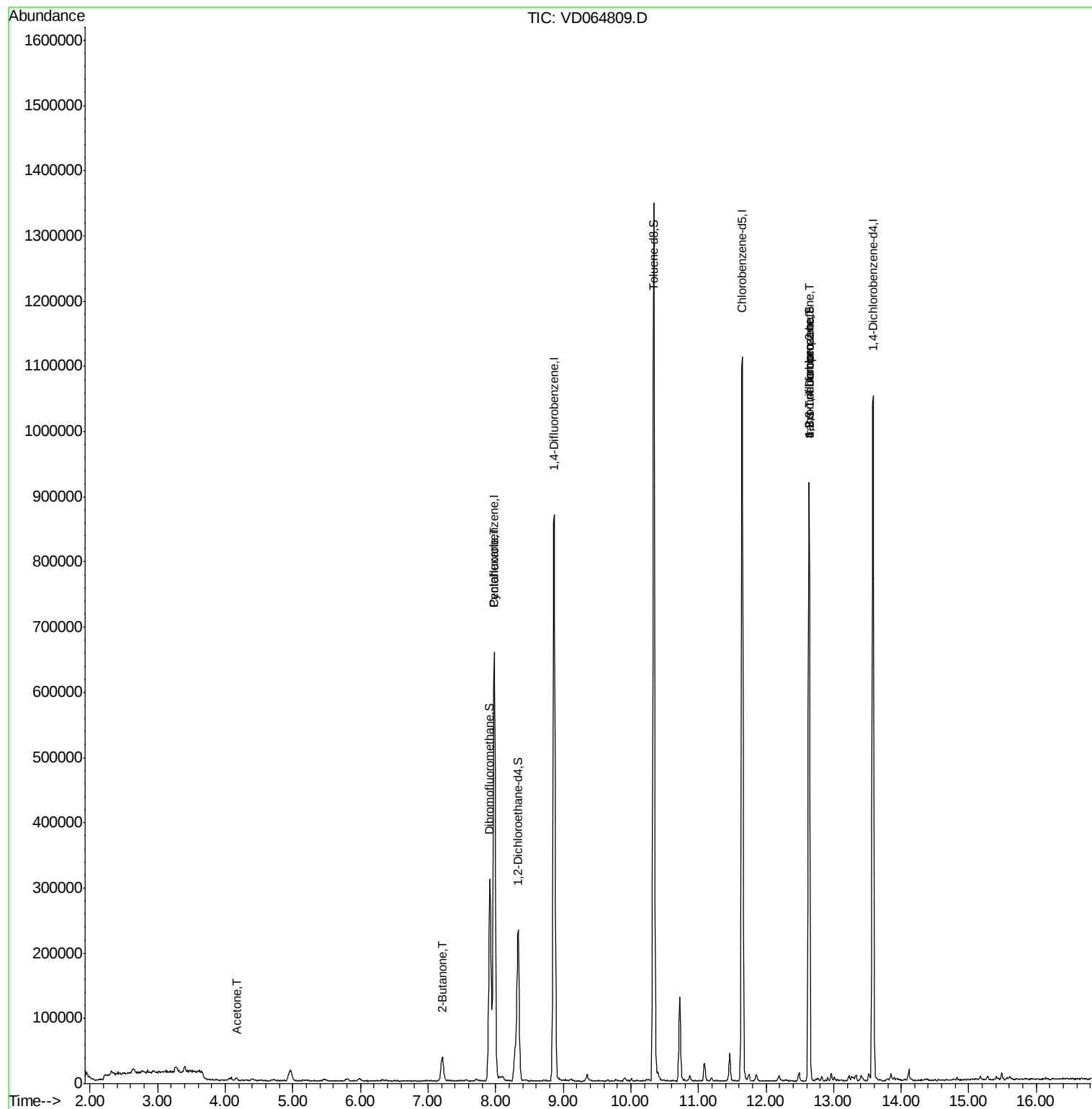
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	506235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	760646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	641411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	181157	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
35) Dibromofluoromethane	7.91	113	216917	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.34	98	912697	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.64	95	252906	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
16) Acetone	4.17	43	6897	10.650	ug/l #	67
20) Methylene Chloride	4.96	84	11841	Below Cal		90
25) 2-Butanone	7.22	43	3336	2.719	ug/l #	49
31) Cyclohexane	7.98	56	13901	1.670	ug/l #	53
76) 1,2,3-Trichloropropane	12.64	75	134595	59.478	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	134595	124.397	ug/l #	10

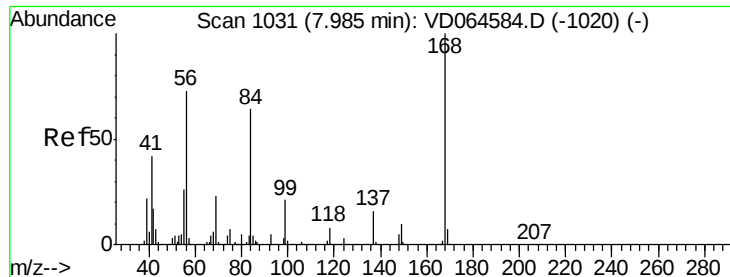
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010920\
Data File : VD064809.D
Acq On : 09 Jan 2020 11:06
Operator : VA/SY
Sample : VD0109SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 09 13:06:25 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: VD064809.D

Acq: 09 Jan 2020 11:06

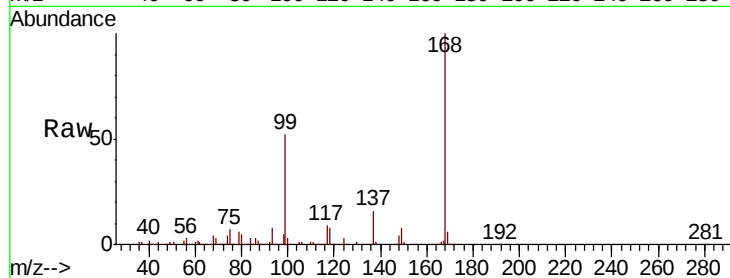
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 506235

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

250000

200000

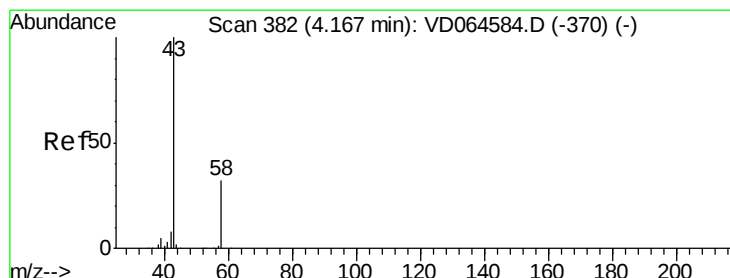
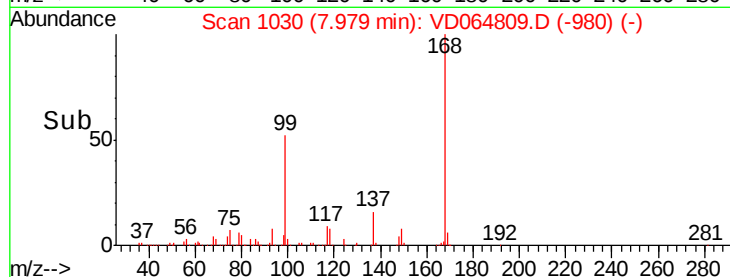
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.650 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064809.D

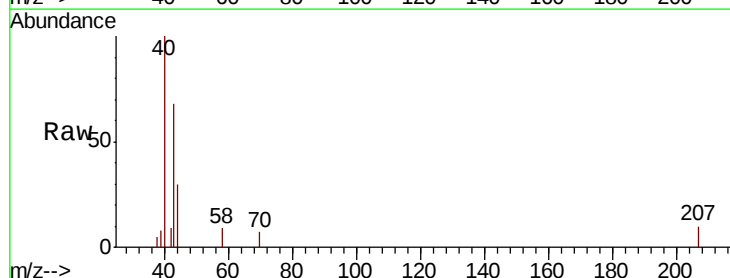
Acq: 09 Jan 2020 11:06

Tgt Ion: 43 Resp: 6897

Ion Ratio Lower Upper

43 100

58 13.6 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

2500

2000

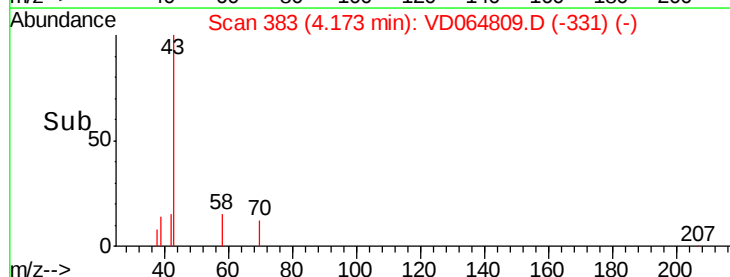
1500

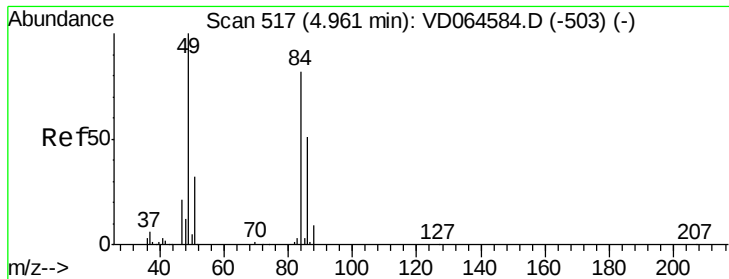
1000

500

0

Time-->

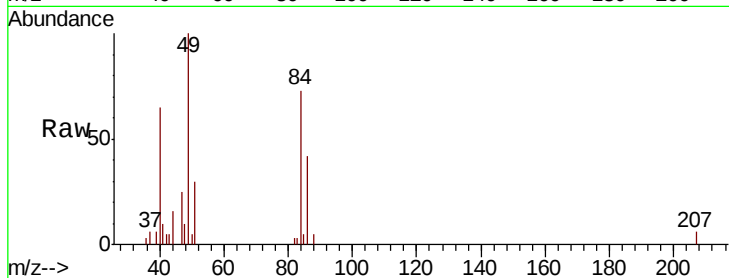




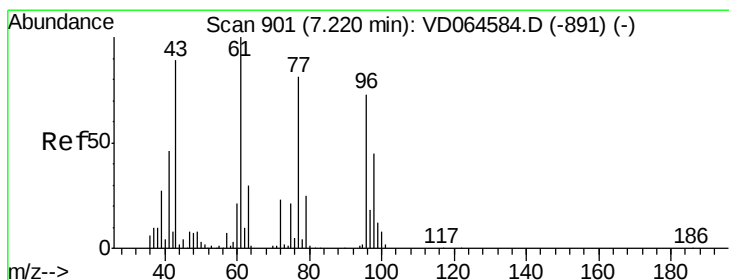
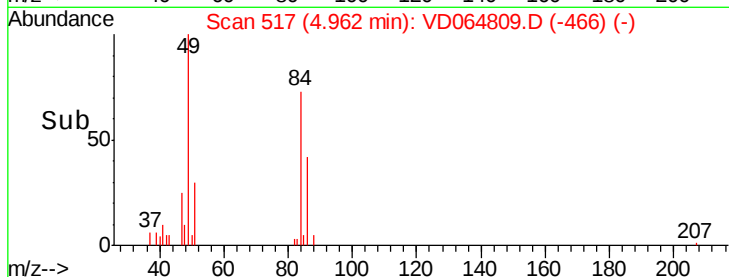
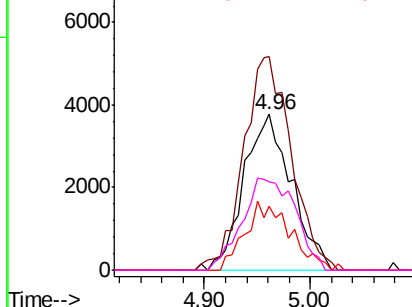
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 11841
Ion Ratio Lower Upper
84 100
49 136.9 97.2 145.8
51 41.1 31.4 47.0
86 57.0 49.3 73.9

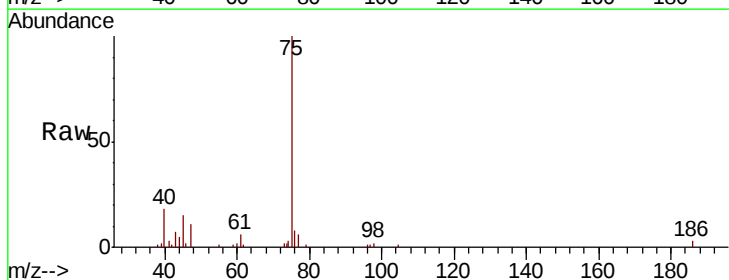


Abundance Ion 83.90 (83.60 to 84.60): VDC
8000 Ion 48.90 (48.60 to 49.60): VDC
6000 Ion 50.90 (50.60 to 51.60): VDC
4000 Ion 85.90 (85.60 to 86.60): VDC

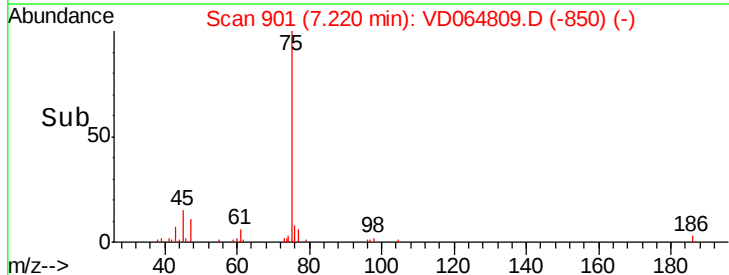
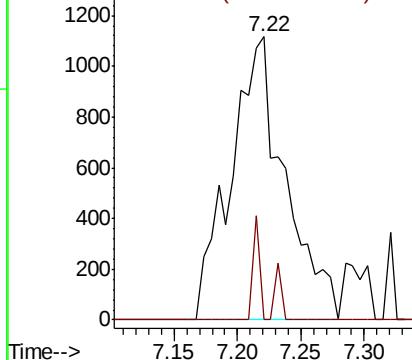


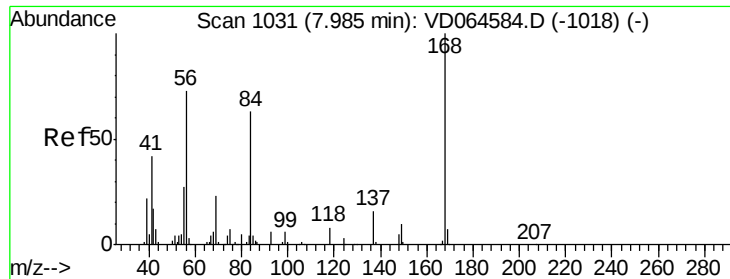
#25
2-Butanone
Concen: 2.719 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
1200 Ion 72.00 (71.70 to 72.70): VDC

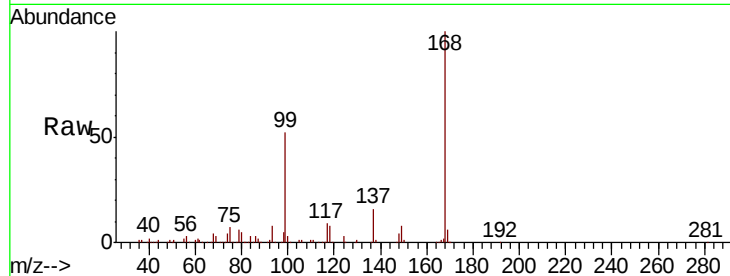




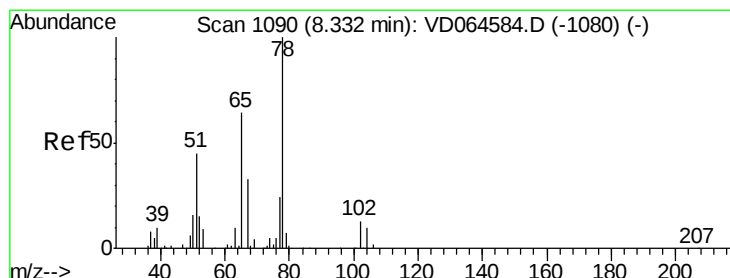
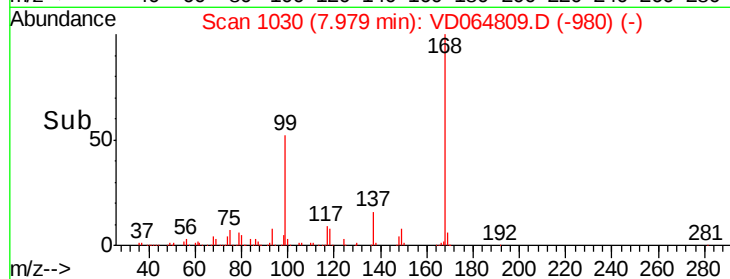
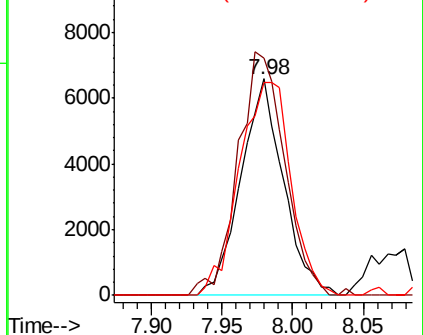
#31
Cvclohexane
Concen: 1.670 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 13901
Ion Ratio Lower Upper
56 100
69 110.0 24.7 37.1#
84 98.4 69.4 104.2

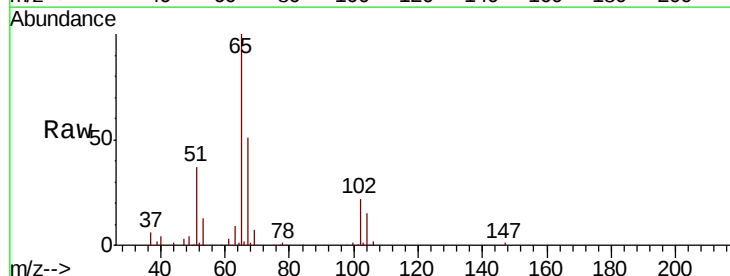


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

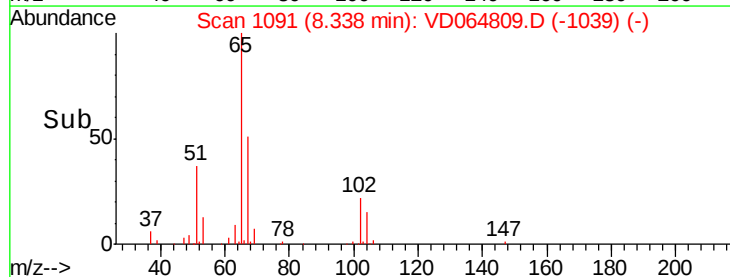
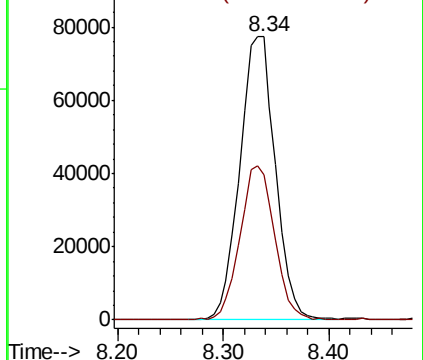


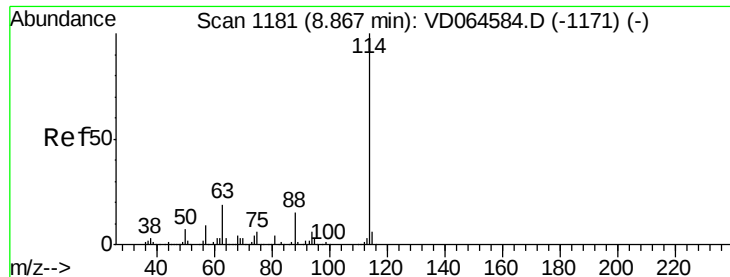
#33
1,2-Dichloroethane-d4
Concen: 40.582 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Tgt Ion: 65 Resp: 181157
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

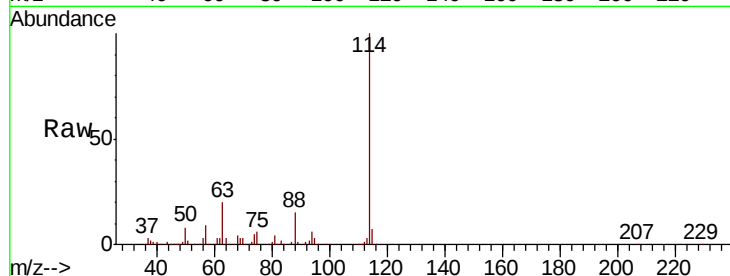




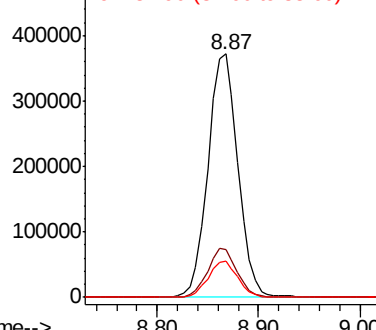
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064809.D
 Acq: 09 Jan 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :

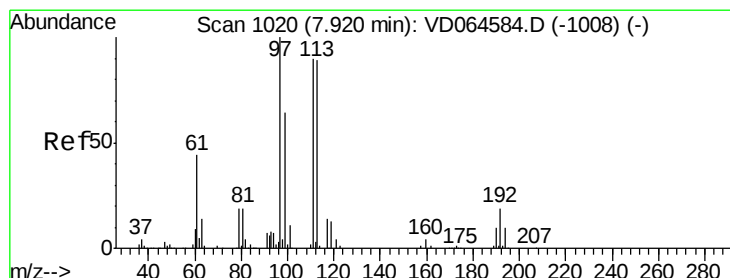
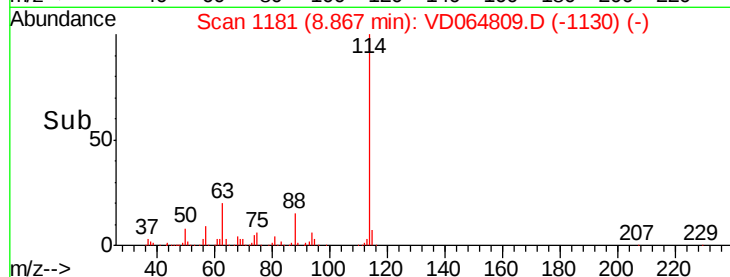
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	14.7	0.0	29.2



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

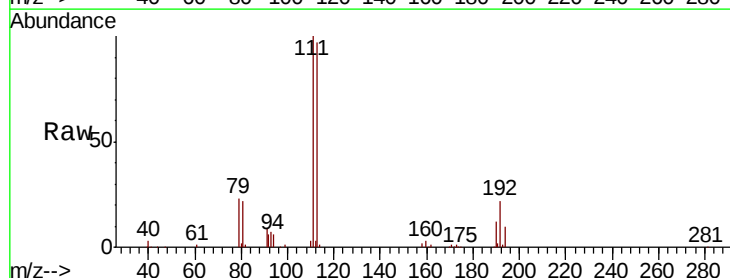


Time-->

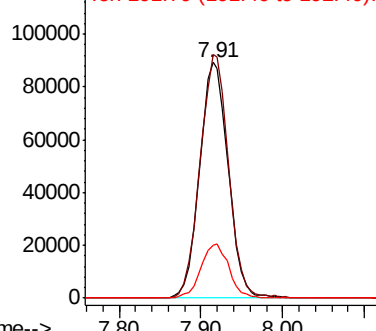


#35
 Dibromofluoromethane
 Concen: 46.482 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064809.D
 Acq: 09 Jan 2020 11:06

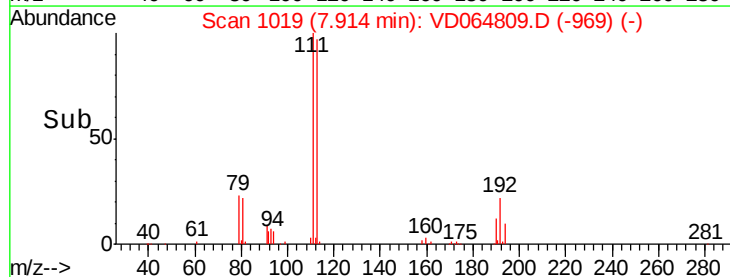
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.4	17.9	26.9

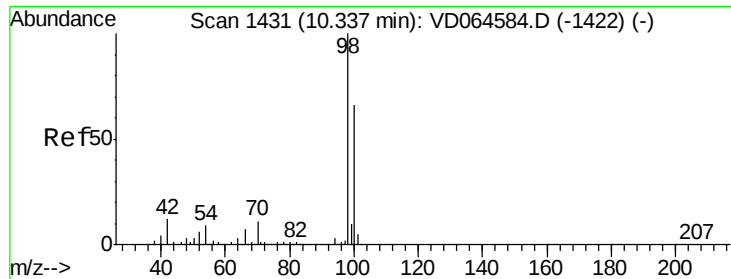


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

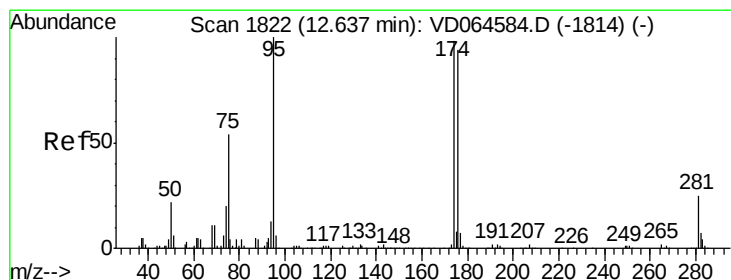
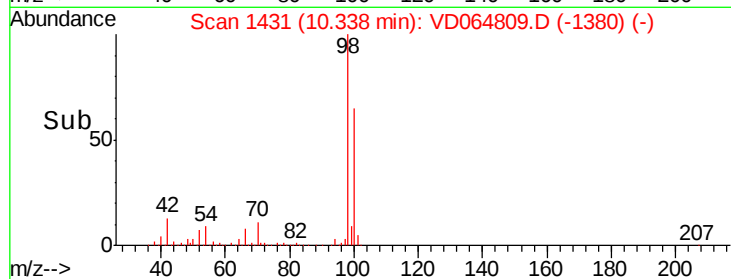
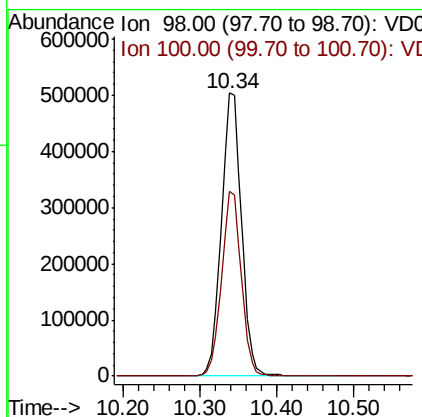
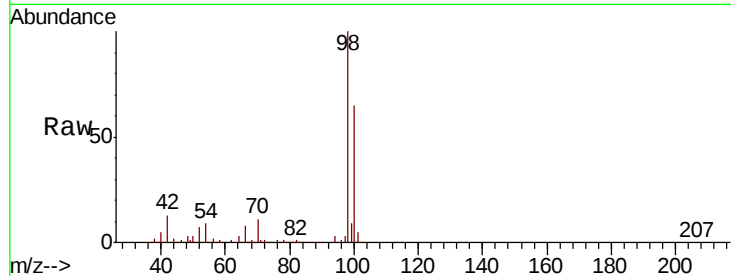




#50
Toluene-d8
Concen: 51.066 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

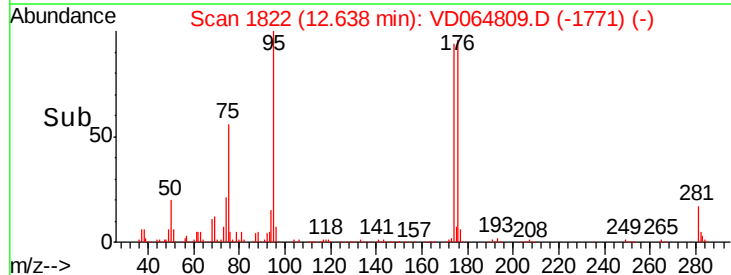
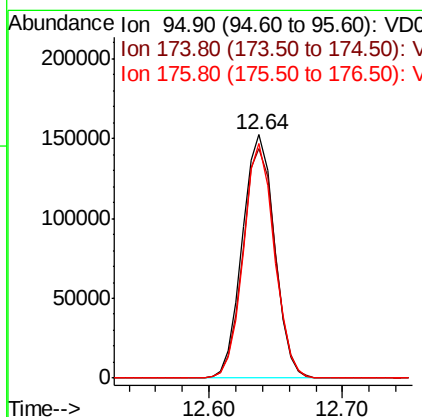
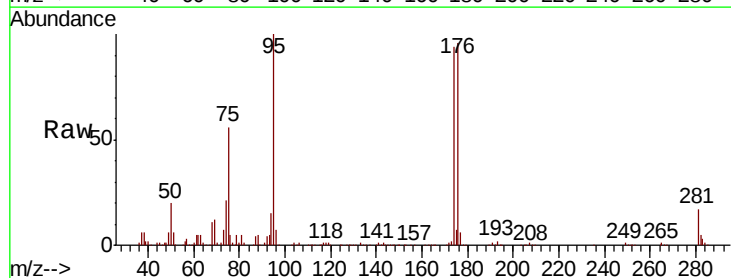
Instrument :
MSVOA_D
ClientSampleId :

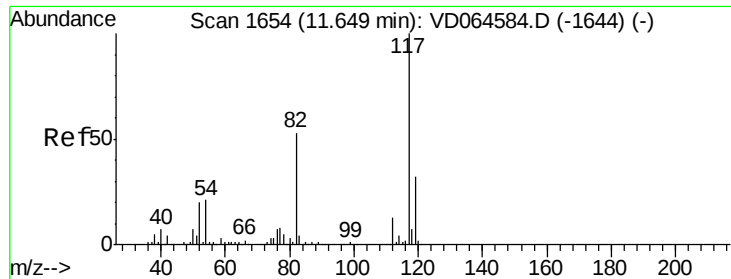
Tot Ion: 98 Resp: 912697
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.749 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Tgt Ion: 95 Resp: 252906
Ion Ratio Lower Upper
95 100
174 94.6 0.0 193.2
176 92.6 0.0 184.2

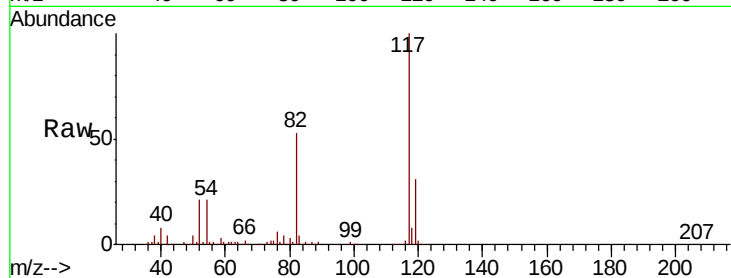




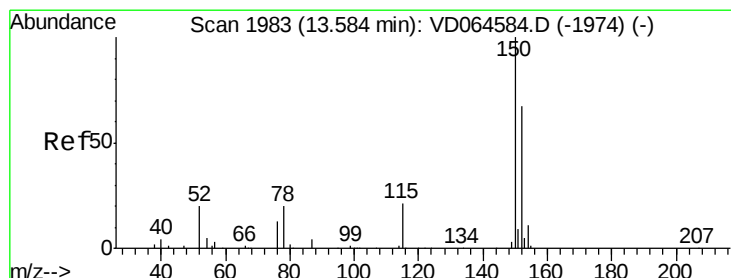
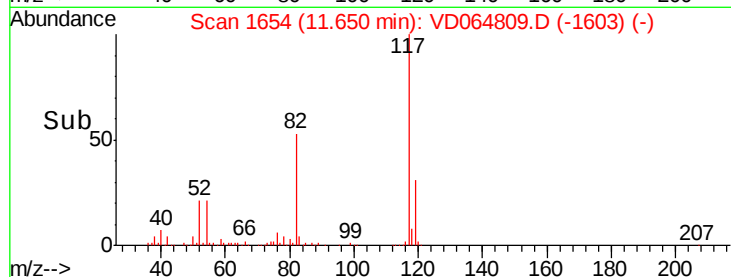
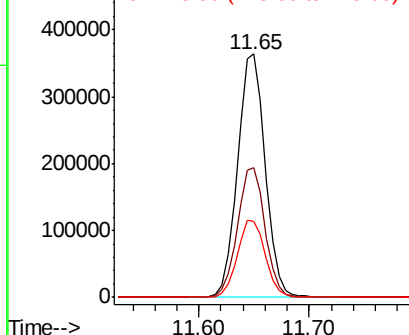
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 641411
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.2 26.0 39.0

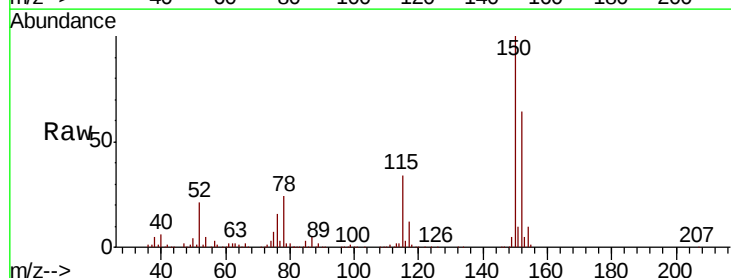


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

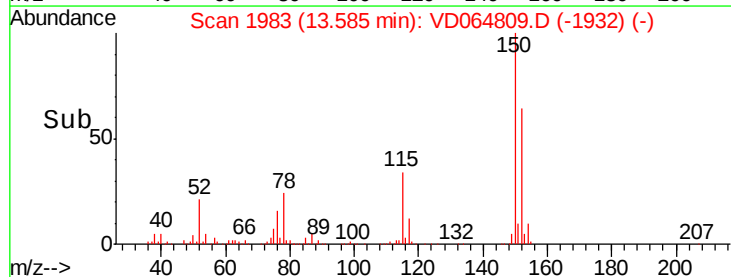
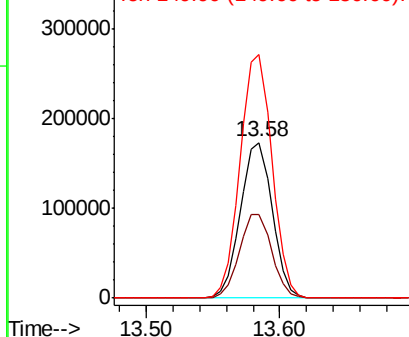


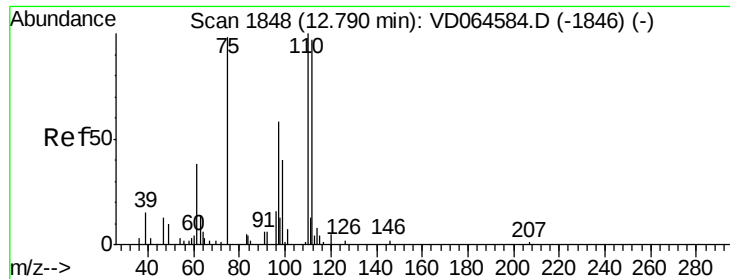
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064809.D
Acq: 09 Jan 2020 11:06

Tgt Ion:152 Resp: 286570
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 156.8 0.0 351.4



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

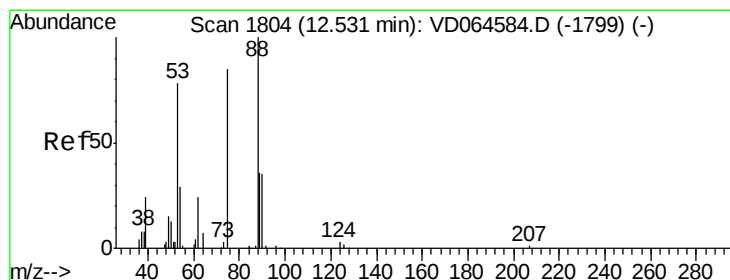
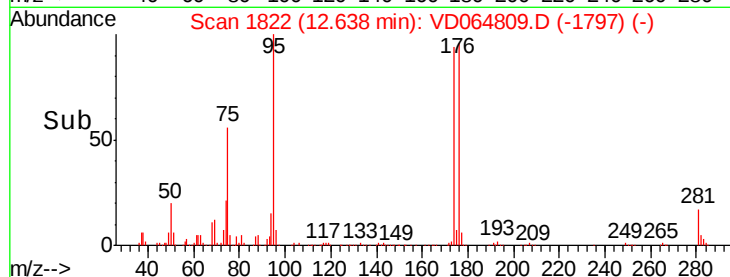
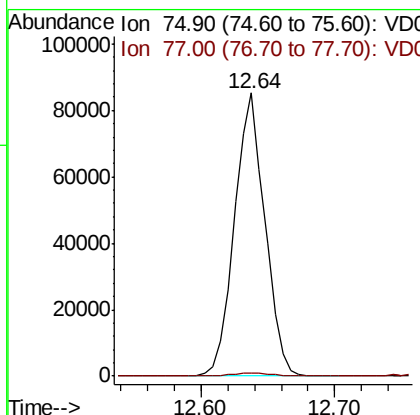
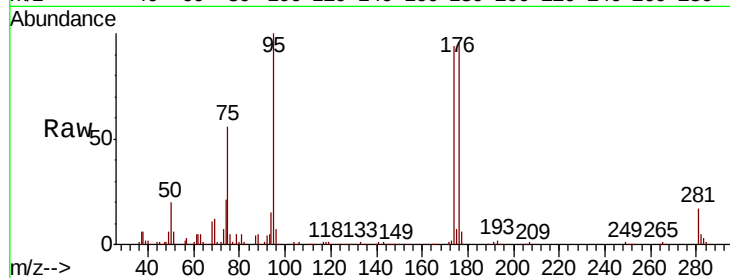




#76
 1,2,3-Trichloropropane
 Concen: 59.478 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064809.D
 Acq: 09 Jan 2020 11:06

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 134595
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.397 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064809.D
 Acq: 09 Jan 2020 11:06

Tgt Ion: 75 Resp: 134595
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.8 118.2#
 89 0.2 38.3 57.5#

