

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064244.D
 Acq On : 16 Nov 2019 01:03
 Operator : VA/SY
 Sample : K5840-02
 Misc : 4.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:43:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

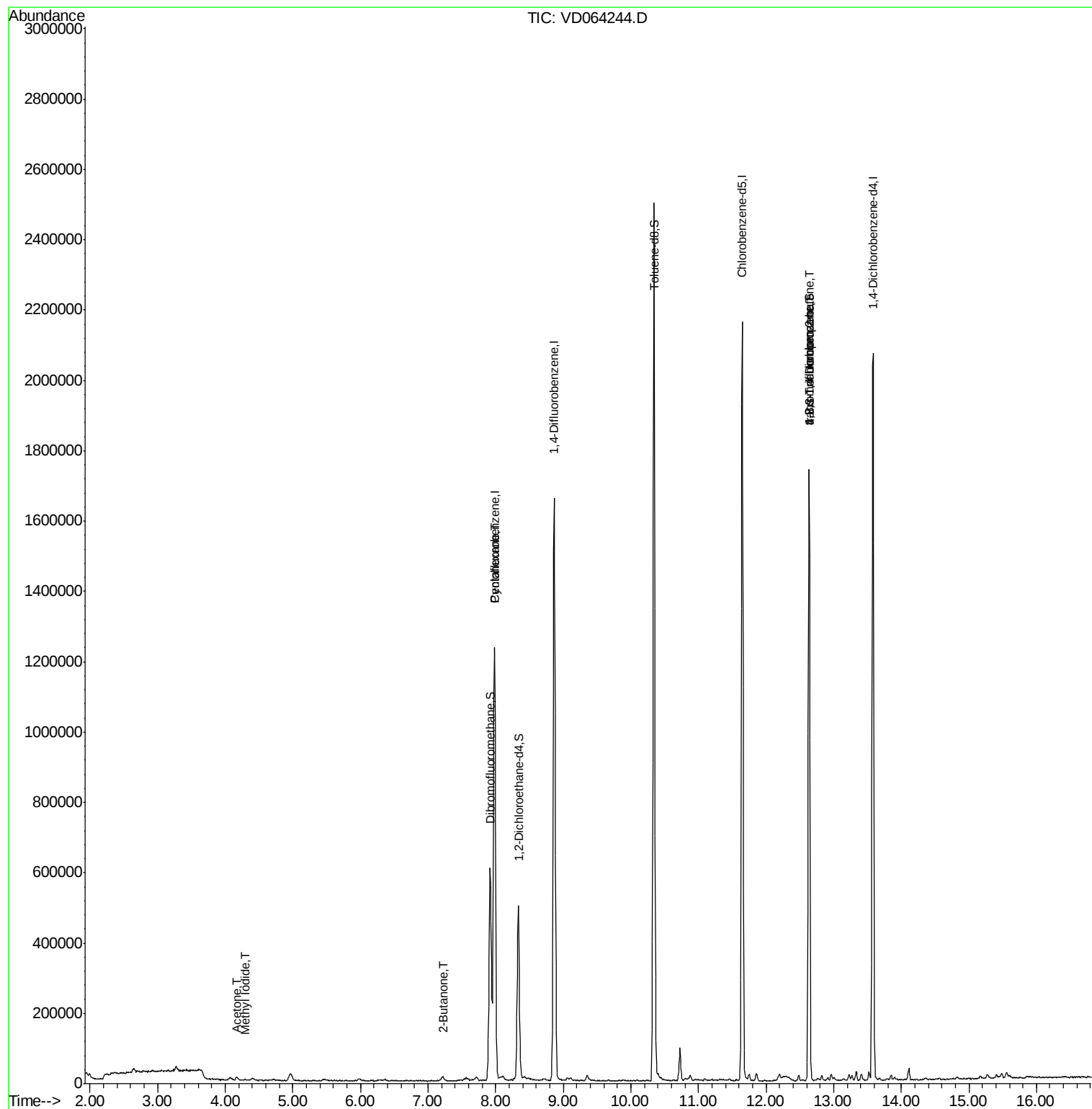
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1010050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1443192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1217222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	580813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	388081	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	7.92	113	422481	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	10.34	98	1666704	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.64	95	512420	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1020	2.128	ug/l #	75
16) Acetone	4.17	43	16632	8.451	ug/l	99
25) 2-Butanone	7.23	43	2602	1.023	ug/l #	80
31) Cyclohexane	7.98	56	24004	1.472	ug/l #	45
76) 1,2,3-Trichloropropane	12.64	75	260623	55.709	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	260623	110.660	ug/l #	10

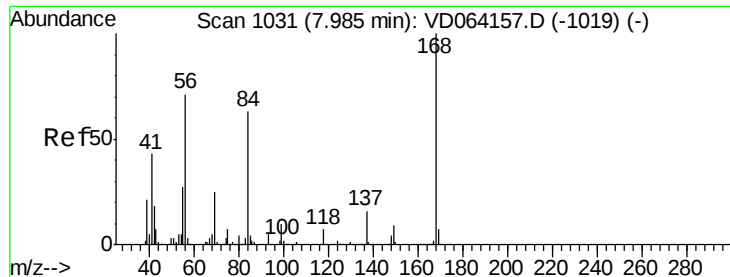
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064244.D
Acq On : 16 Nov 2019 01:03
Operator : VA/SY
Sample : K5840-02
Misc : 4.21G/5.00ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 18 00:43:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 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: VD064244.D

Acq: 16 Nov 2019 01:03

Instrument :

MSVOA_D

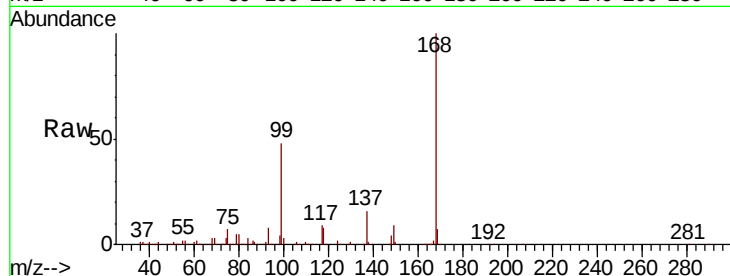
ClientSampled :

Tot Ion:168 Resp: 1010050

Ion Ratio Lower Upper

168 100

99 47.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

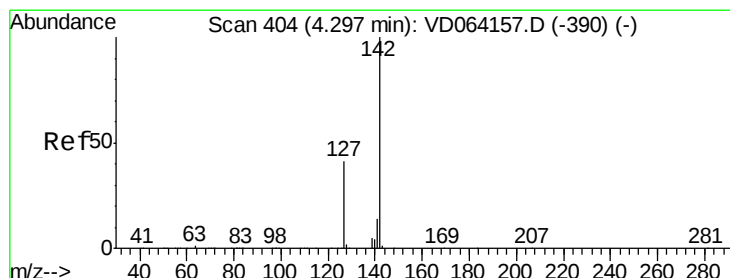
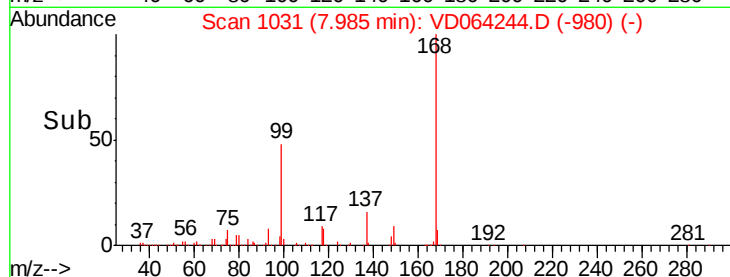
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.128 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064244.D

Acq: 16 Nov 2019 01:03

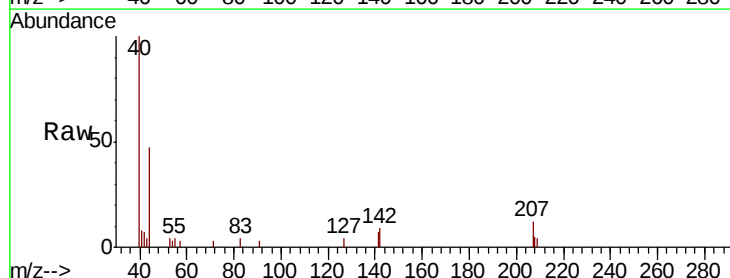
Tgt Ion:142 Resp: 1020

Ion Ratio Lower Upper

142 100

127 56.9 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

800

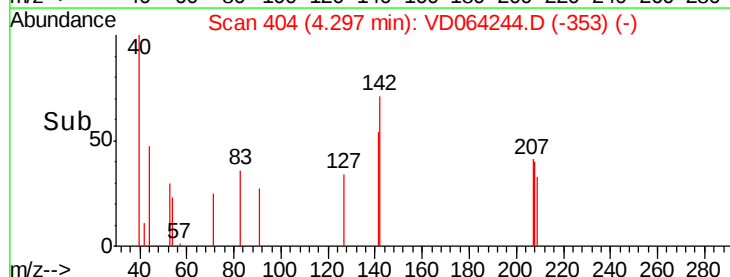
600

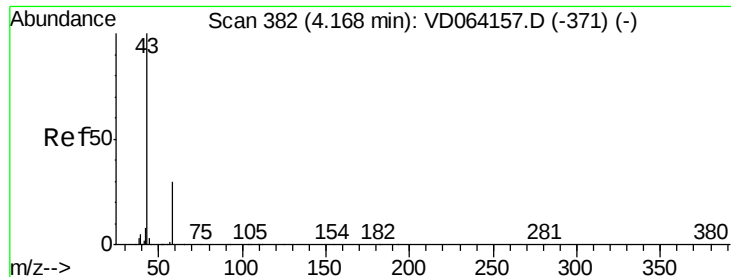
400

200

0

Time-->

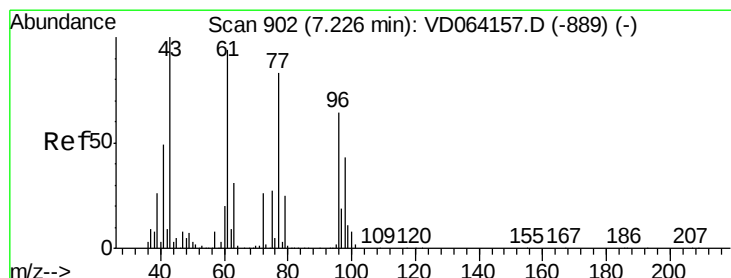
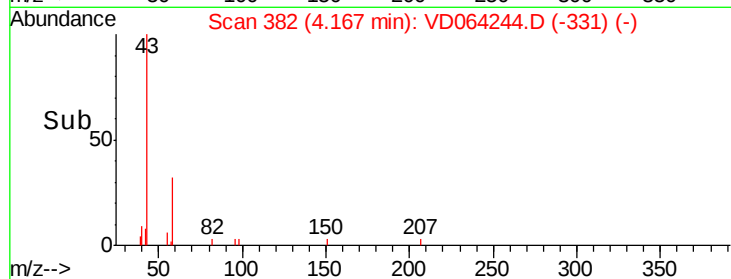
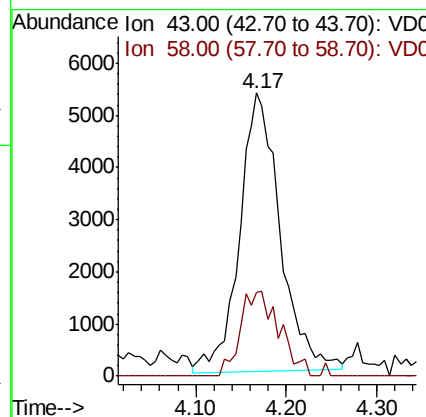
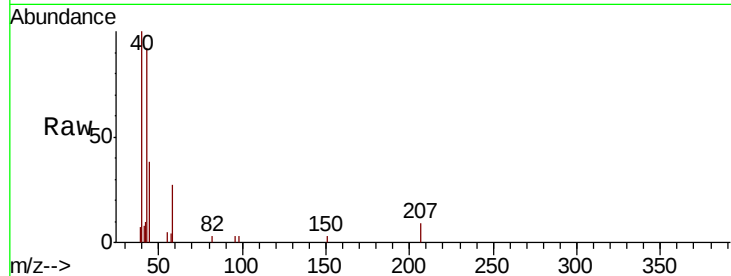




#16
Acetone
Concen: 8.451 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064244.D
Acq: 16 Nov 2019 01:03

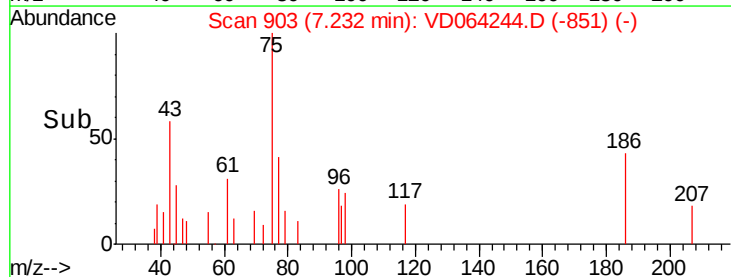
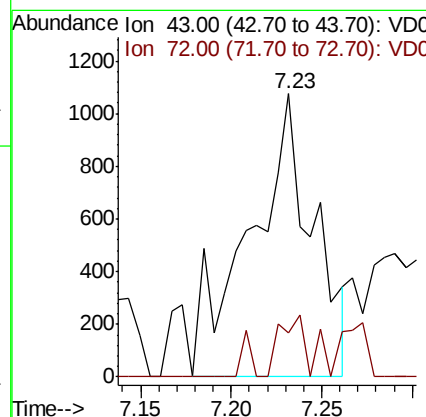
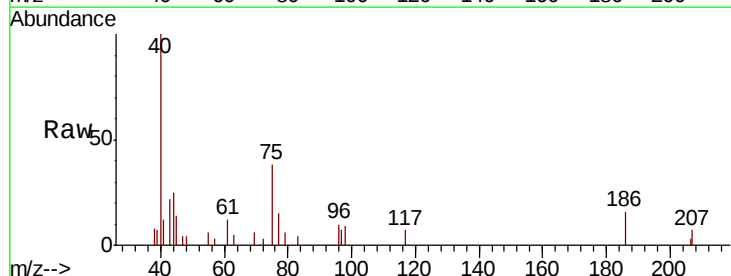
Instrument :
MSVOA_D
ClientSampleId :

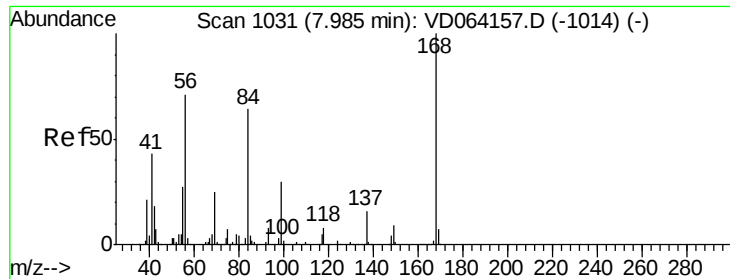
Tot Ion: 43 Resp: 16632
Ion Ratio Lower Upper
43 100
58 30.6 24.1 36.1



#25
2-Butanone
Concen: 1.023 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064244.D
Acq: 16 Nov 2019 01:03

Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
72 15.4 20.6 30.8#

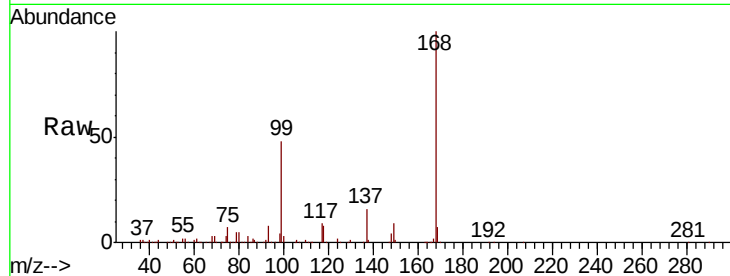




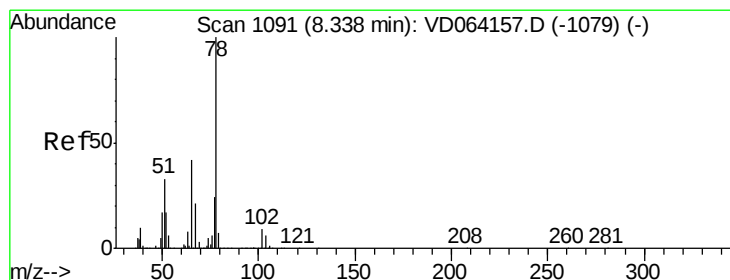
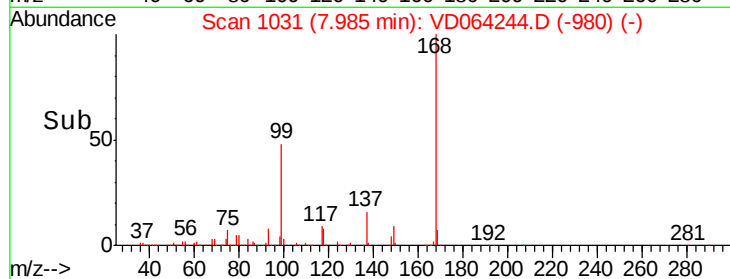
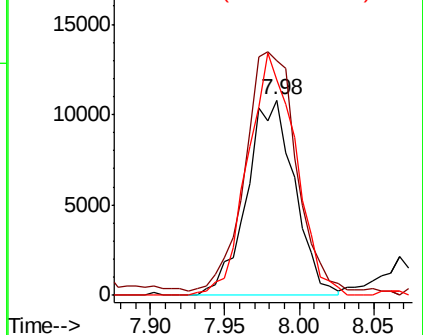
#31
Cyclohexane
Concen: 1.472 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064244.D
Acq: 16 Nov 2019 01:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 24004
Ion Ratio Lower Upper
56 100
69 117.6 28.2 42.4#
84 110.1 71.8 107.6#

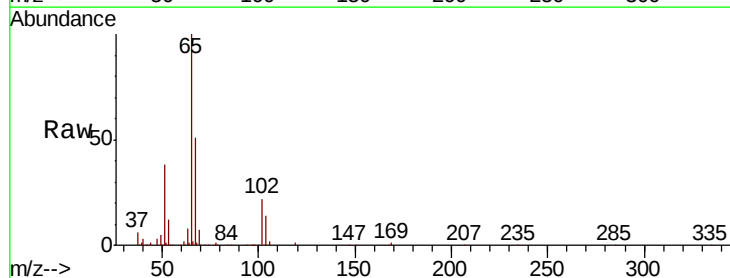


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

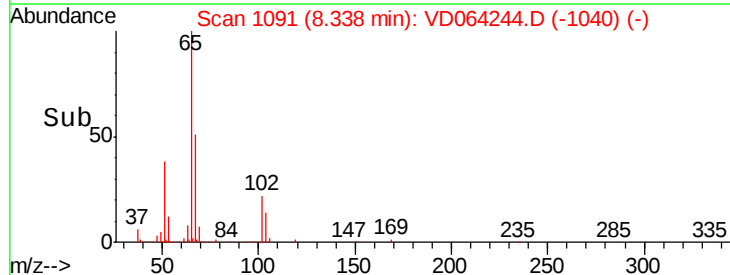
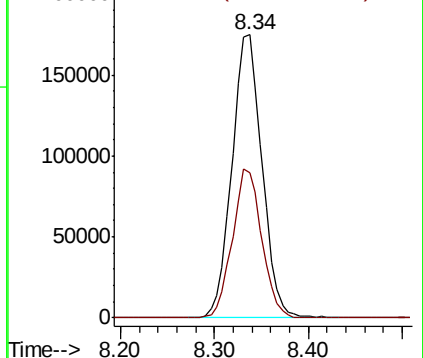


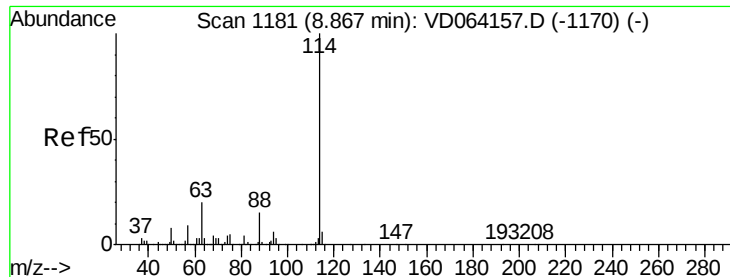
#33
1,2-Dichloroethane-d4
Concen: 46.717 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064244.D
Acq: 16 Nov 2019 01:03

Tgt Ion: 65 Resp: 388081
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



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

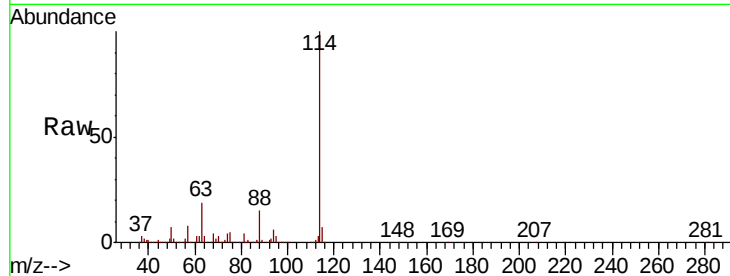




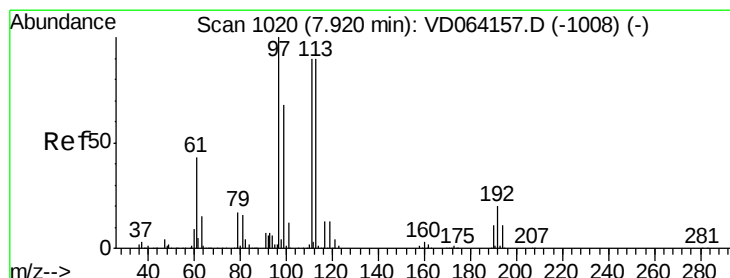
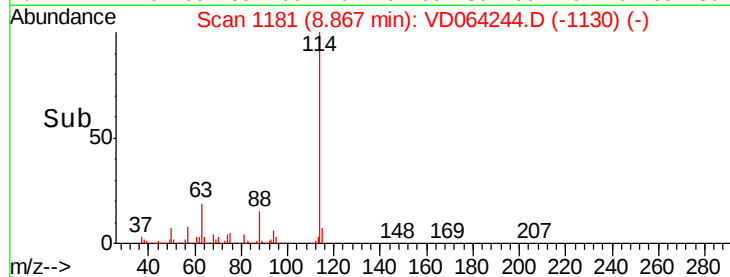
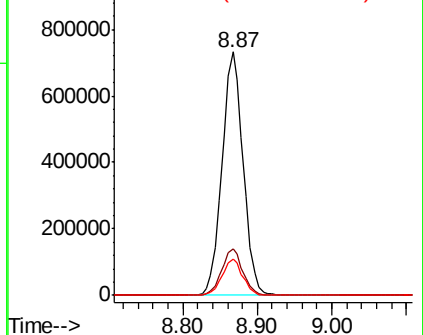
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064244.D
 Acq: 16 Nov 2019 01:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1443192
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.9 0.0 30.2

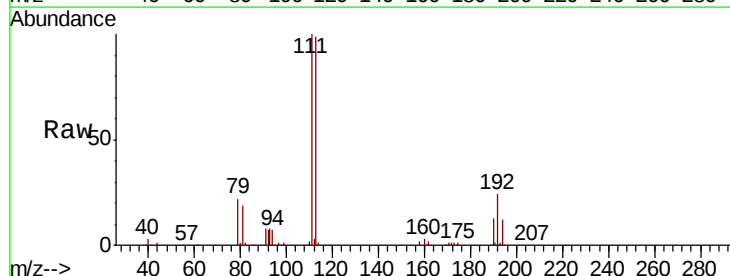


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

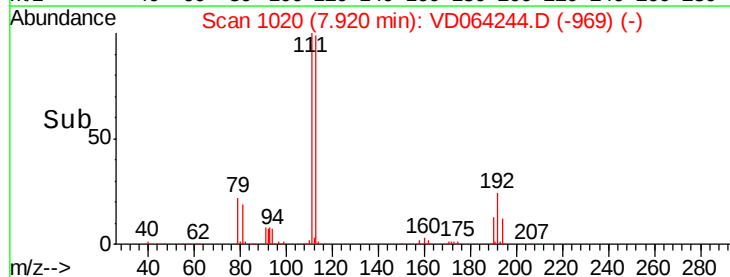
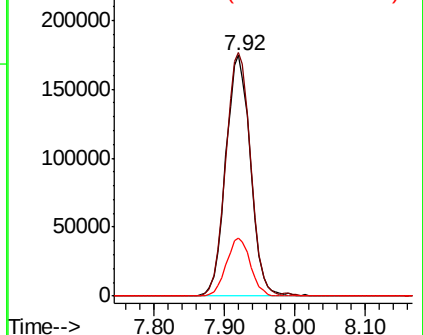


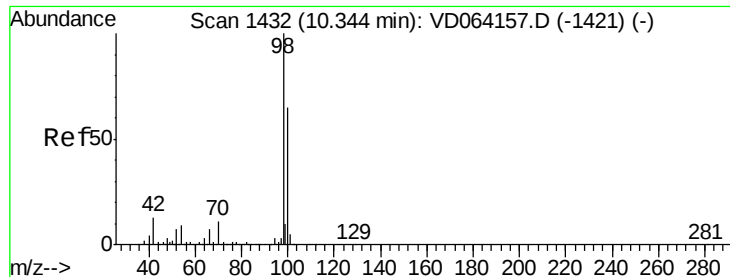
#35
 Dibromofluoromethane
 Concen: 50.999 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064244.D
 Acq: 16 Nov 2019 01:03

Tgt Ion:113 Resp: 422481
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 23.7 18.8 28.2



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: 53.332 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064244.D

Acq: 16 Nov 2019 01:03

Instrument :

MSVOA_D

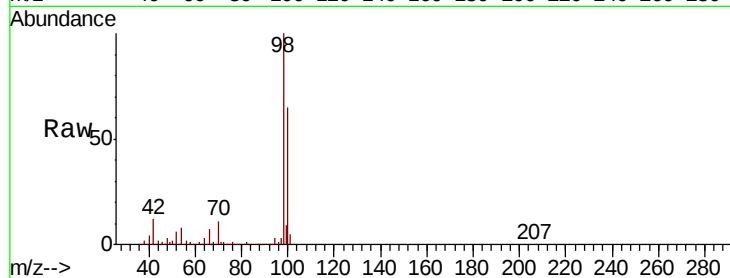
ClientSampleId :

Tot Ion: 98 Resp: 1666704

Ion Ratio Lower Upper

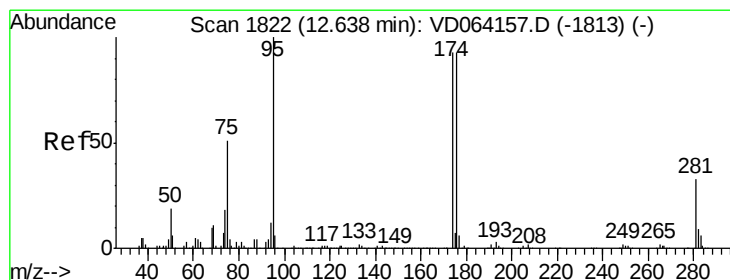
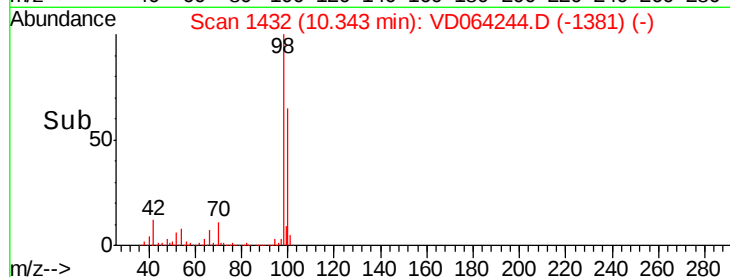
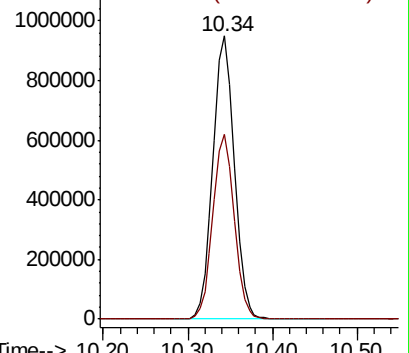
98 100

100 65.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.347 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064244.D

Acq: 16 Nov 2019 01:03

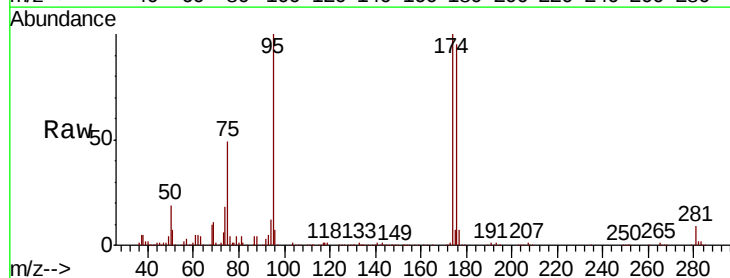
Tgt Ion: 95 Resp: 512420

Ion Ratio Lower Upper

95 100

174 98.4 0.0 183.6

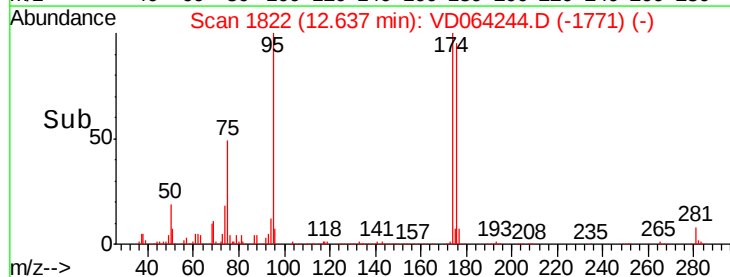
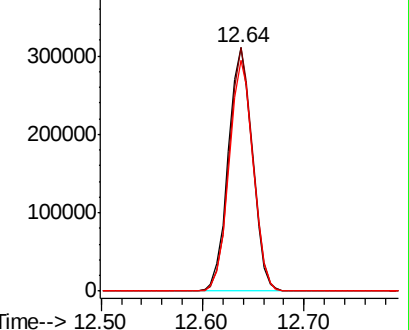
176 94.2 0.0 180.2

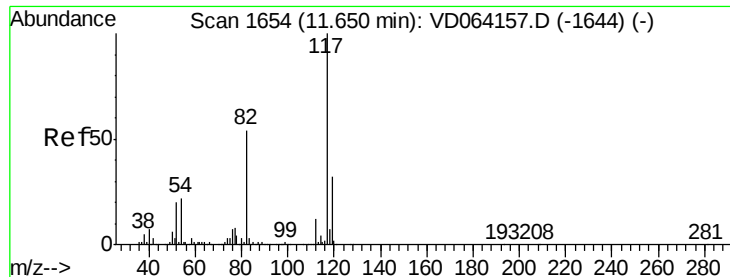


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

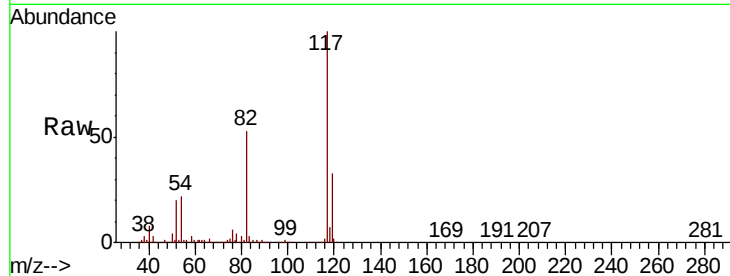




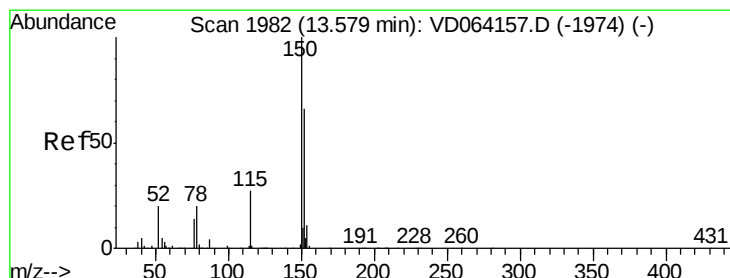
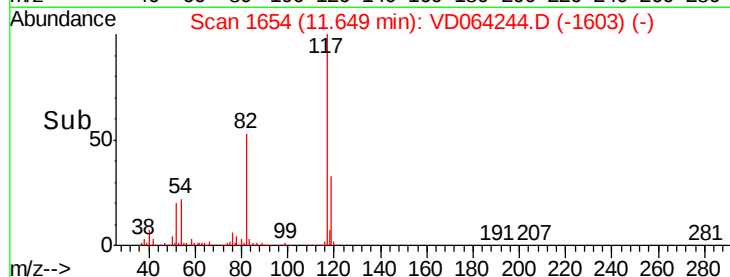
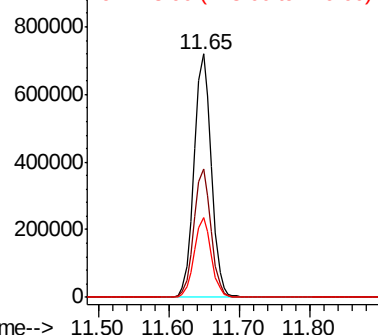
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064244.D
Acq: 16 Nov 2019 01:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1217222
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.8 25.6 38.4

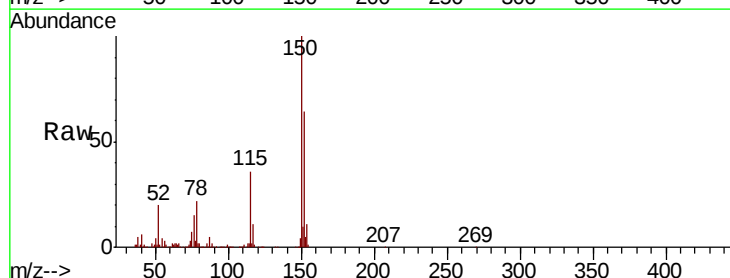


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

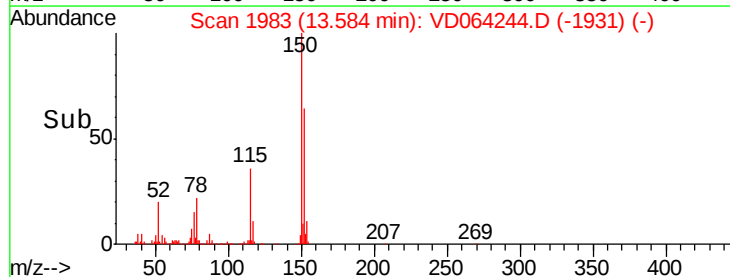
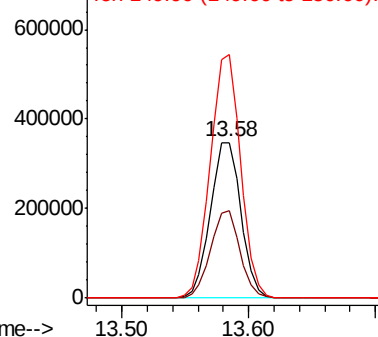


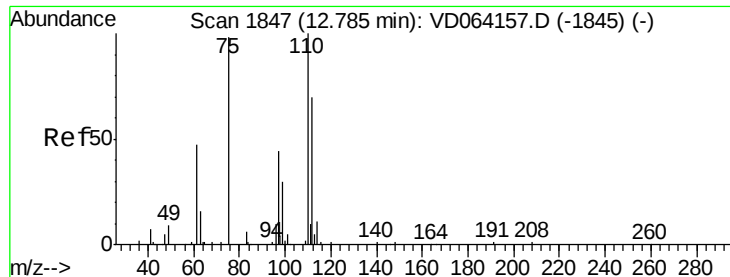
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064244.D
Acq: 16 Nov 2019 01:03

Tgt Ion:152 Resp: 580813
Ion Ratio Lower Upper
152 100
115 54.1 27.4 82.2
150 155.4 0.0 351.6



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

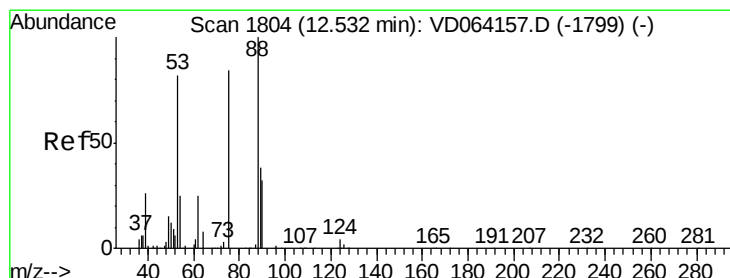
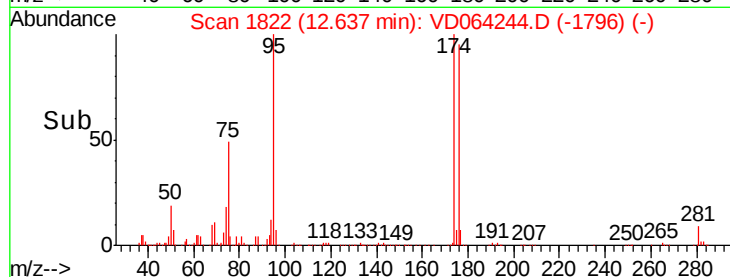
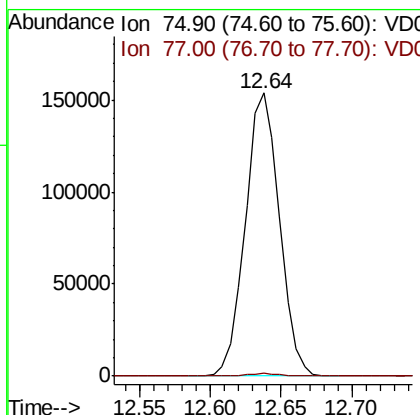
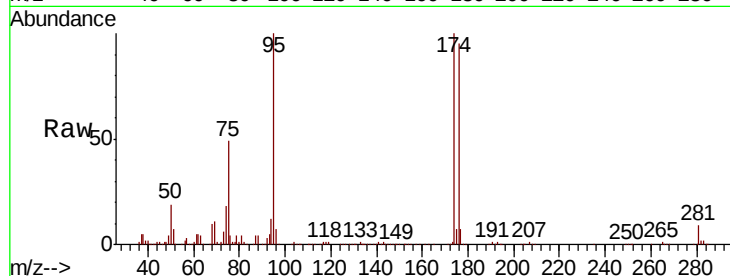




#76
 1,2,3-Trichloropropane
 Concen: 55.709 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064244.D
 Acq: 16 Nov 2019 01:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 260623
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.660 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064244.D
 Acq: 16 Nov 2019 01:03

Tgt Ion: 75 Resp: 260623
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.0#
 89 0.0 36.6 55.0#

