

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064362.D
 Acq On : 25 Nov 2019 16:01
 Operator : VA/SY
 Sample : K5999-04
 Misc : 5.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 26 05:36:28 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	786536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1181530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1049389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	492438	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	341588	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.92	113	360752	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.34	98	1395551	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
62) 4-Bromofluorobenzene	12.64	95	447643	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

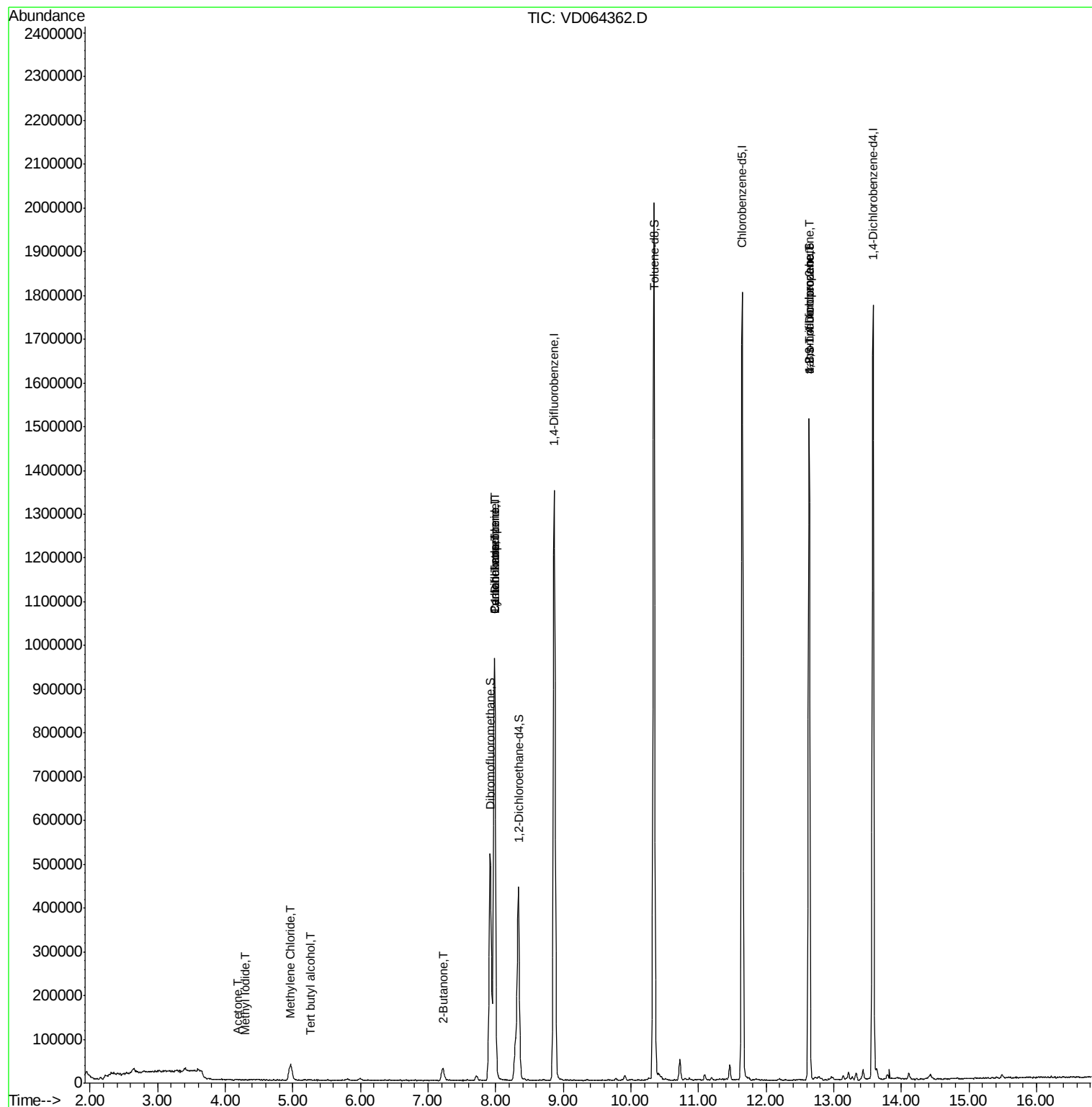
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	301	2.068	ug/l #	41
11) Tert butyl alcohol	5.26	59	481	1.065	ug/l	99
16) Acetone	4.18	43	1918	1.252	ug/l #	80
20) Methylene Chloride	4.96	84	28328	3.659	ug/l	95
25) 2-Butanone	7.22	43	2412	1.218	ug/l	91
31) Cyclohexane	7.98	56	15253	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	55330	5.074	ug/l #	48
38) Carbon Tetrachloride	7.98	117	72502	6.214	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	230876	58.207	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	230876	115.623	ug/l #	10

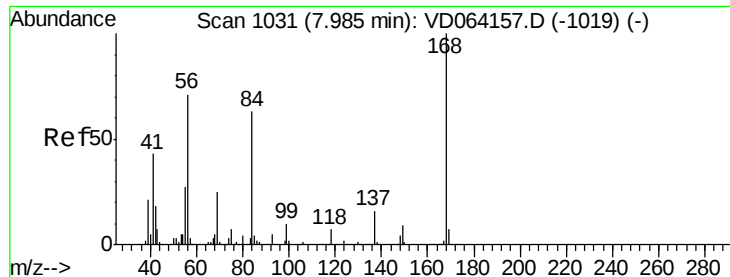
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112519\
Data File : VD064362.D
Acq On : 25 Nov 2019 16:01
Operator : VA/SY
Sample : K5999-04
Misc : 5.20G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 26 05:36:28 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: VD064362.D

Acq: 25 Nov 2019 16:01

Instrument :

MSVOA_D

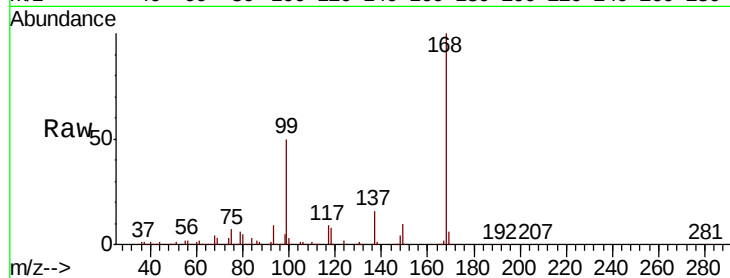
ClientSampleId :

Tot Ion:168 Resp: 786536

Ion Ratio Lower Upper

168 100

99 50.0 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

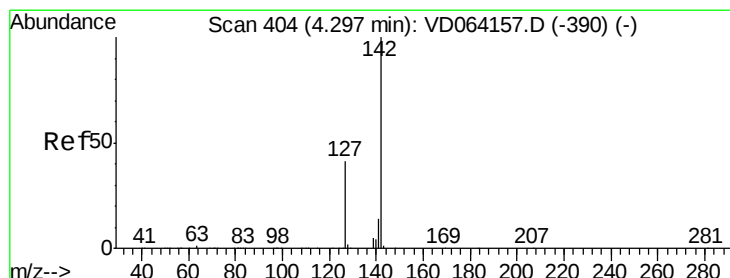
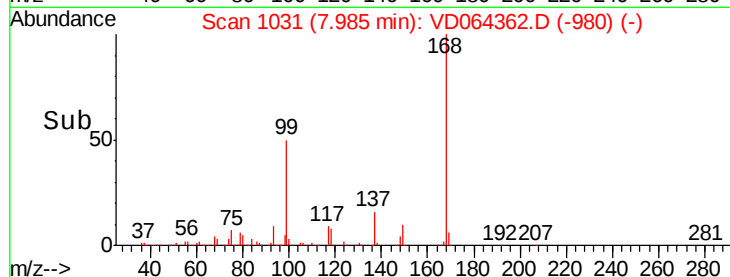
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.068 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064362.D

Acq: 25 Nov 2019 16:01

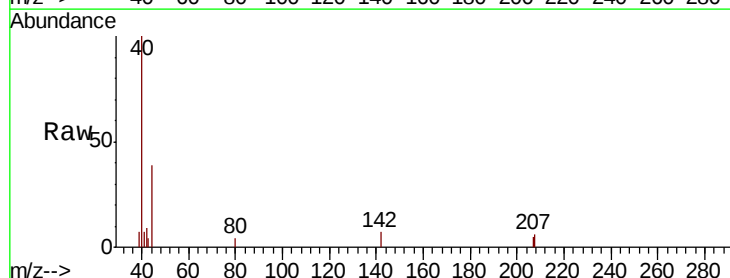
Tgt Ion:142 Resp: 301

Ion Ratio Lower Upper

142 100

127 0.0 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

4.29

400

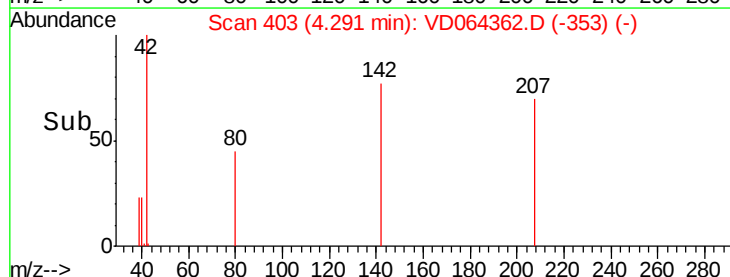
300

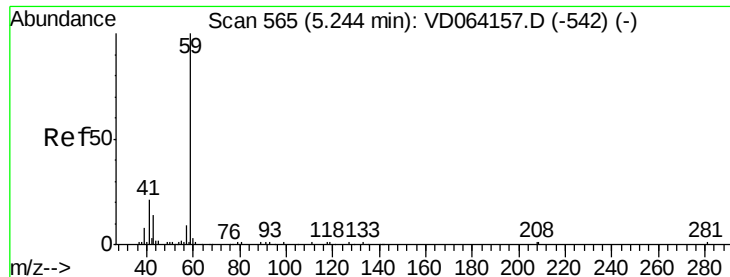
200

100

0

Time-->



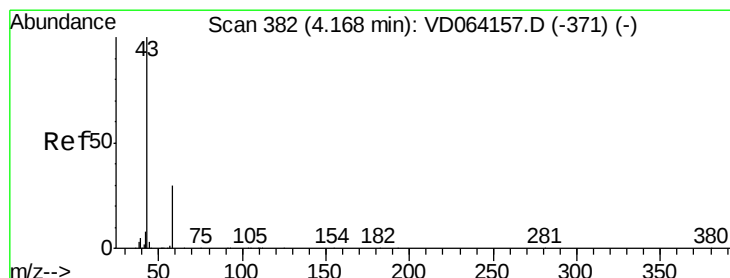
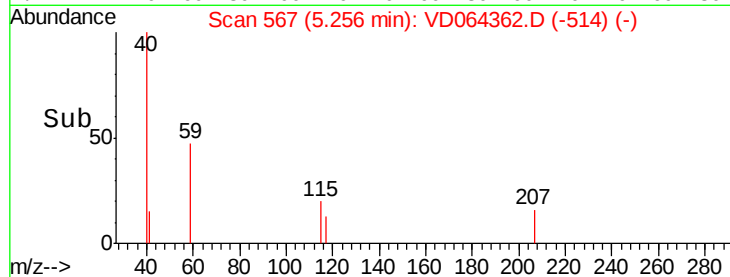
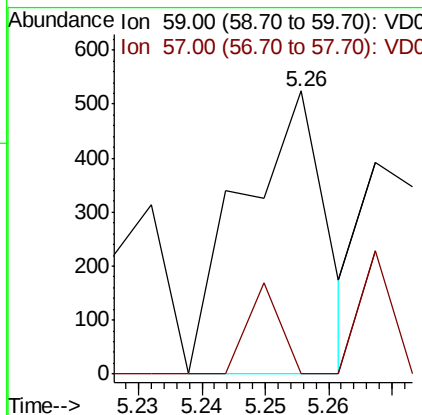
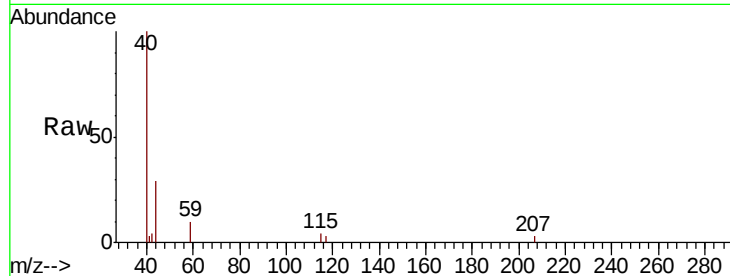


#11

Tert butyl alcohol
 Concen: 1.065 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064362.D
 Acq: 25 Nov 2019 16:01

Instrument :
 MSVOA_D
 ClientSampled :

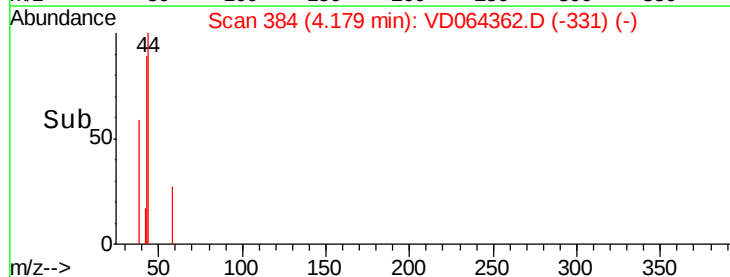
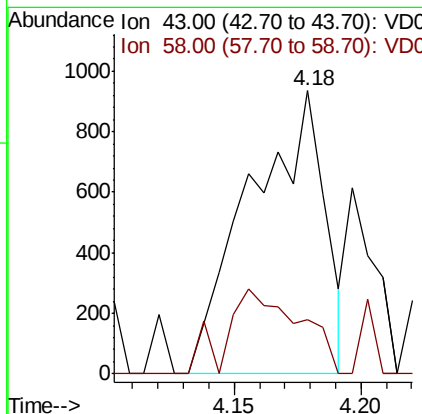
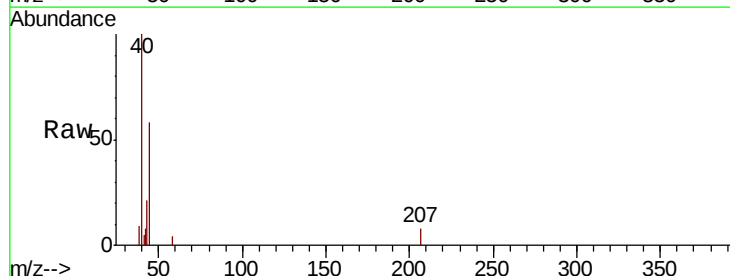
Tot Ion: 59 Resp: 481
 Ion Ratio Lower Upper
 59 100
 57 12.3 9.4 14.2

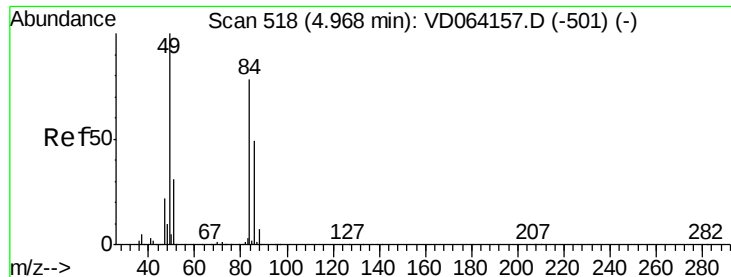


#16

Acetone
 Concen: 1.252 ug/l
 RT: 4.18 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VD064362.D
 Acq: 25 Nov 2019 16:01

Tgt Ion: 43 Resp: 1918
 Ion Ratio Lower Upper
 43 100
 58 19.4 24.1 36.1#

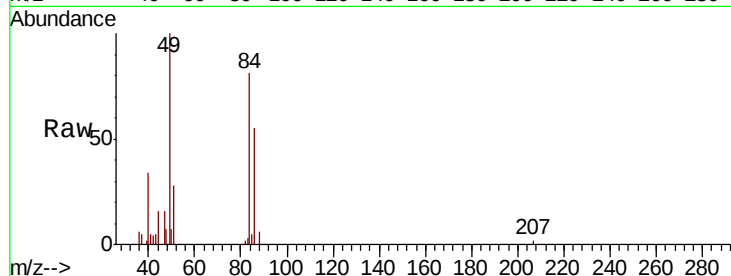




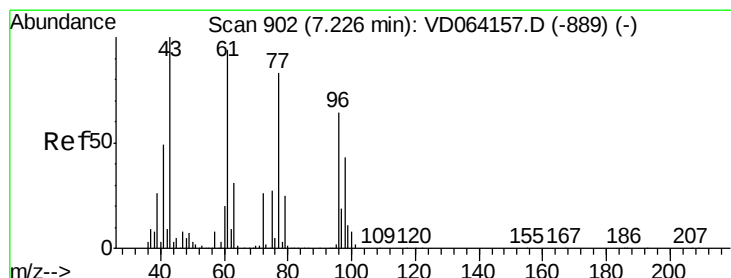
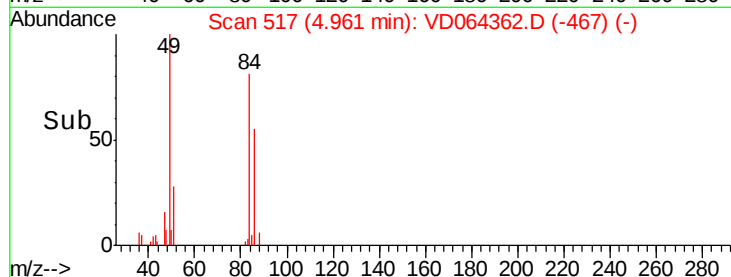
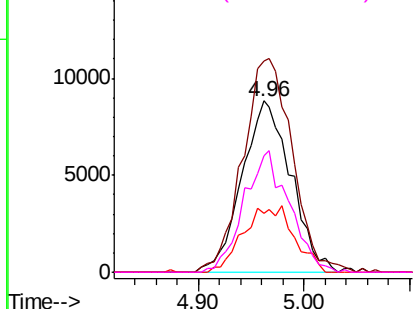
#20
Methvlene Chloride
Concen: 3.659 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 28328
Ion Ratio Lower Upper
84 100
49 123.5 102.1 153.1
51 34.4 32.2 48.2
86 67.8 49.9 74.9

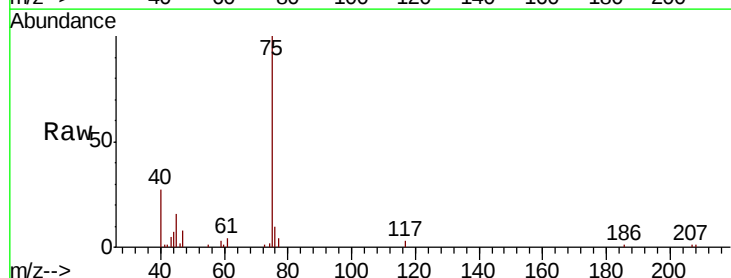


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

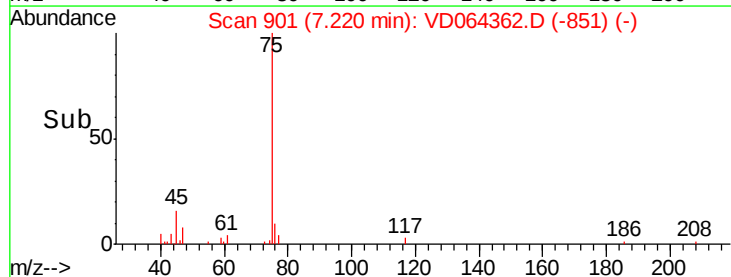
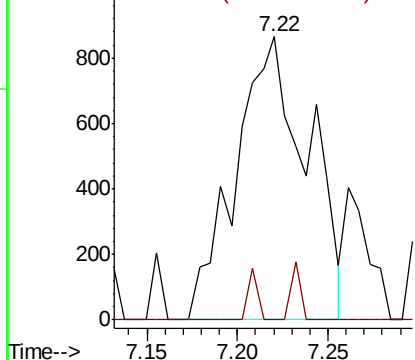


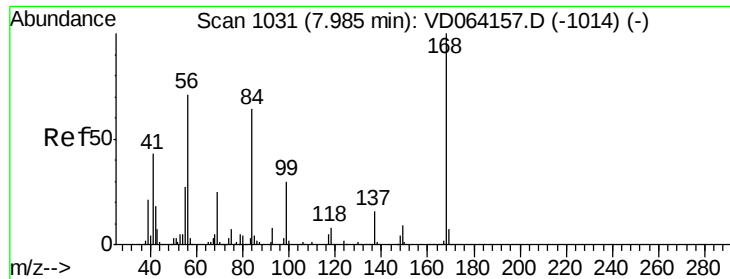
#25
2-Butanone
Concen: 1.218 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
72 21.0 20.6 30.8



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

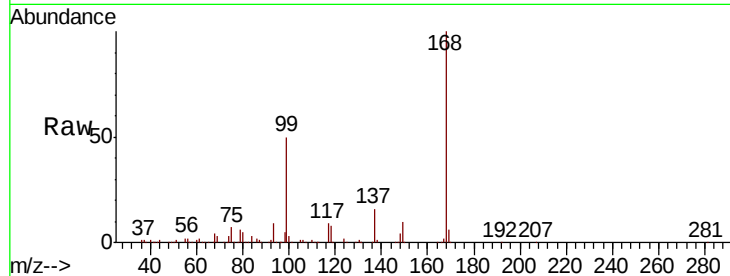




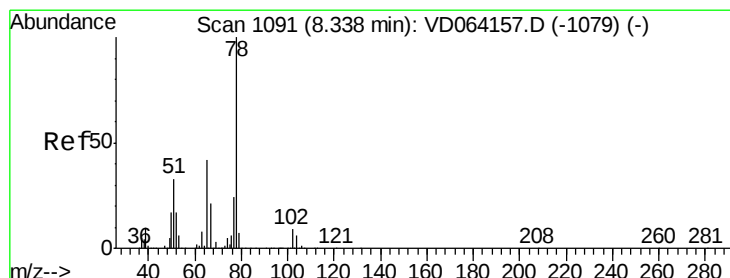
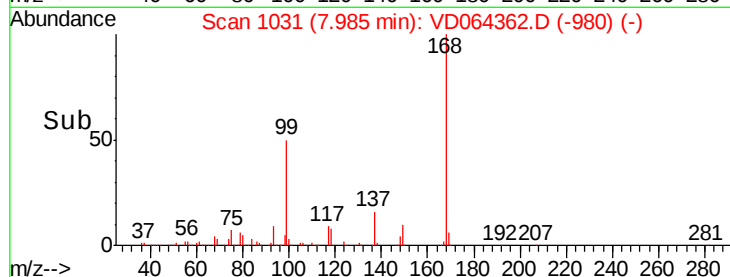
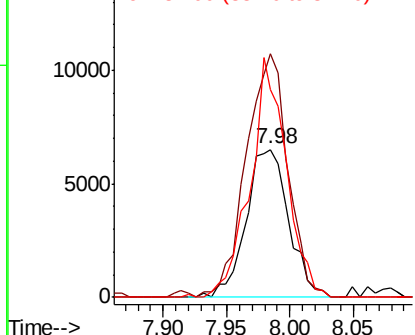
#31
Cvclohexane
Concen: 1.201 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 15253
Ion Ratio Lower Upper
56 100
69 164.8 28.2 42.4#
84 140.5 71.8 107.6#

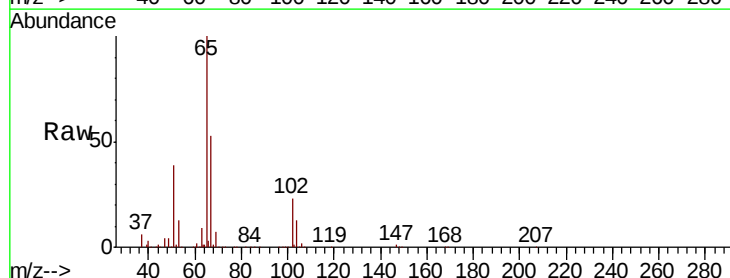


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

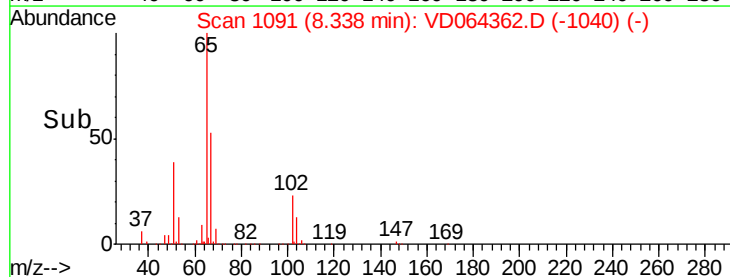
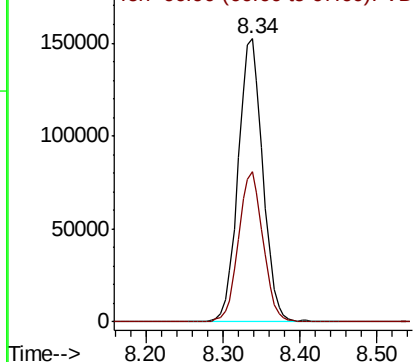


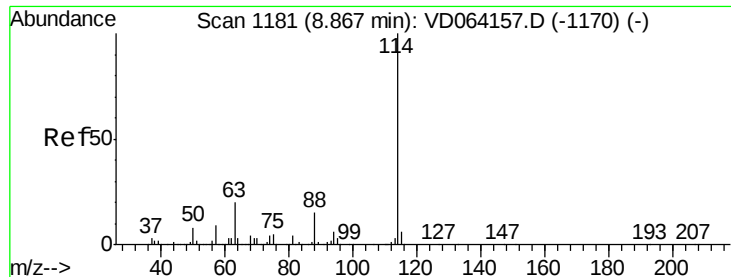
#33
1,2-Dichloroethane-d4
Concen: 52.806 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Tgt Ion: 65 Resp: 341588
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4



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

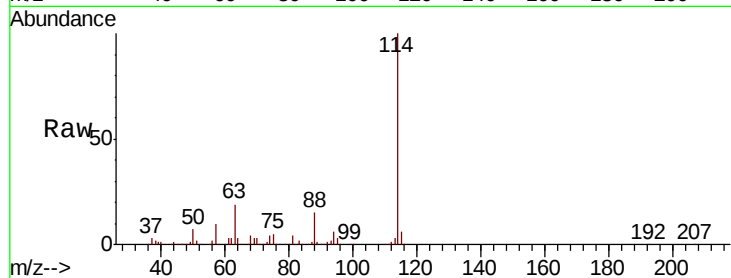




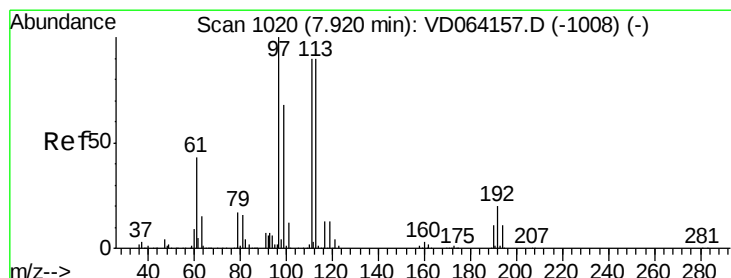
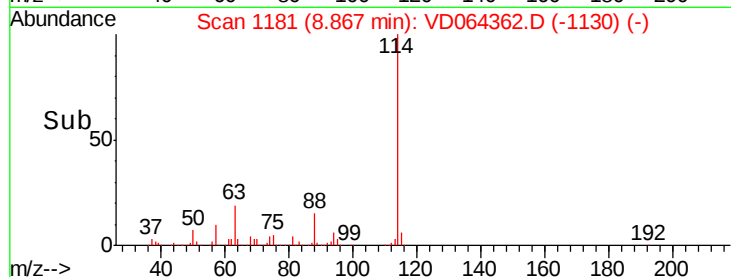
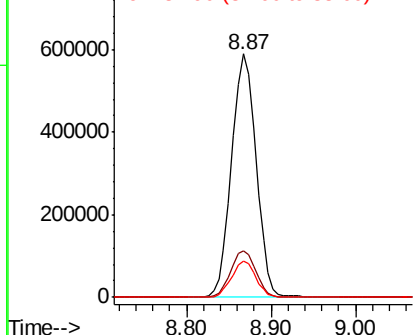
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064362.D
 Acq: 25 Nov 2019 16:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1181530
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.0 0.0 30.2

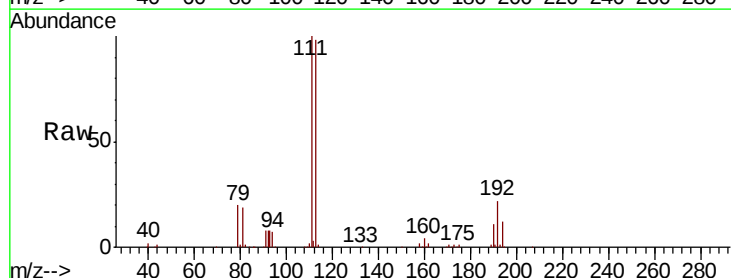


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

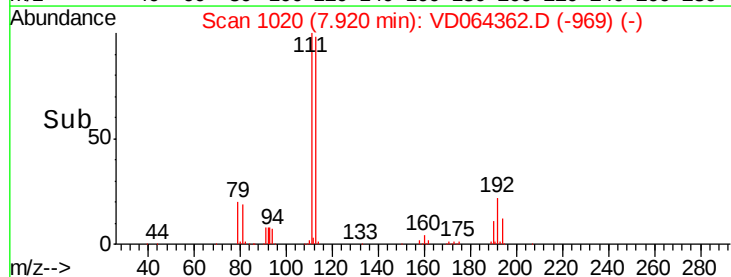
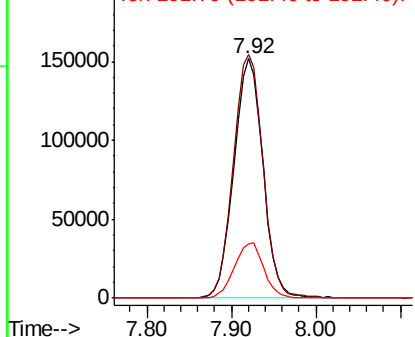


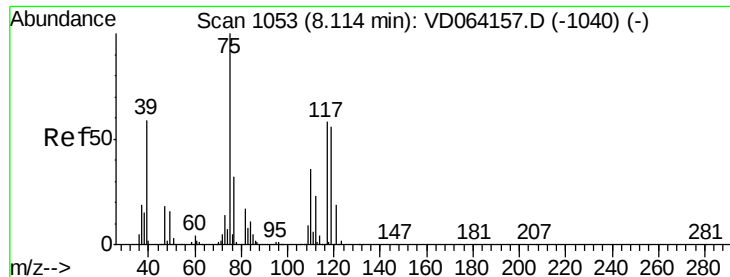
#35
 Dibromofluoromethane
 Concen: 53.191 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064362.D
 Acq: 25 Nov 2019 16:01

Tgt Ion:113 Resp: 360752
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 23.2 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





#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 7.98 min Scan# 1031

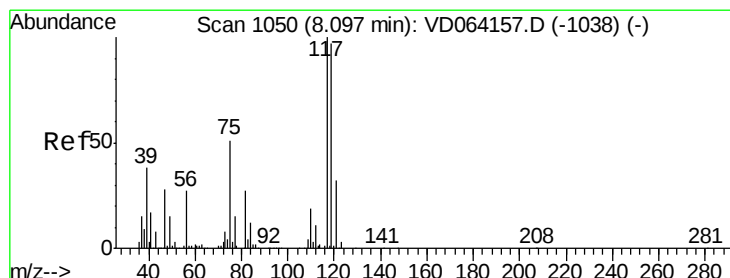
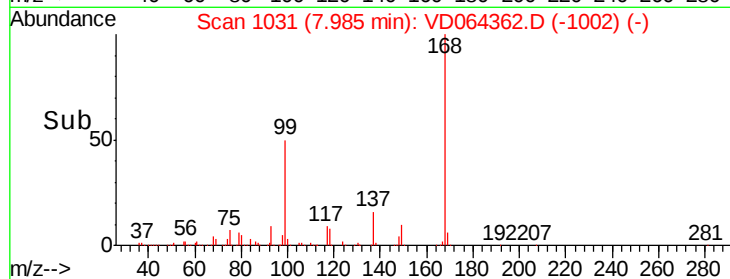
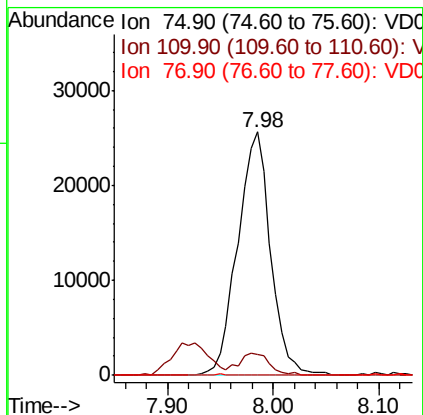
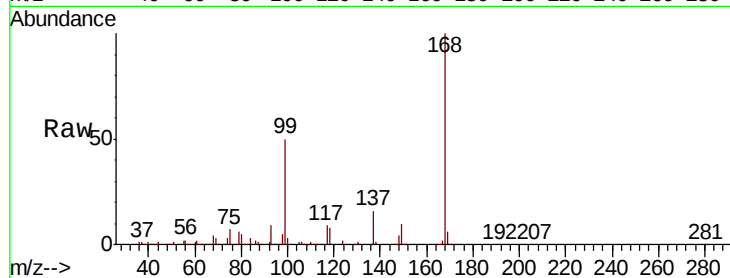
Delta R.T. -0.13 min

Lab File: VD064362.D

Acq: 25 Nov 2019 16:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	75	Resp:	55330
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.3	54.9#
77	0.0	25.0	37.6#



#38

Carbon Tetrachloride

Concen: 6.214 ug/l

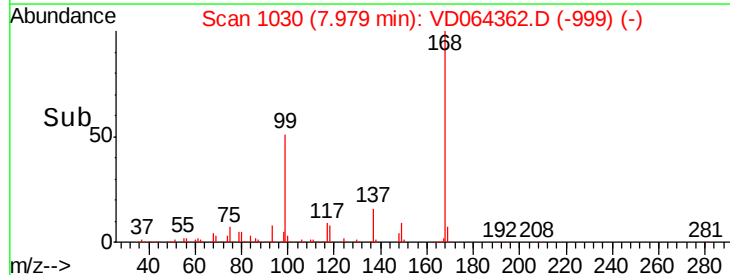
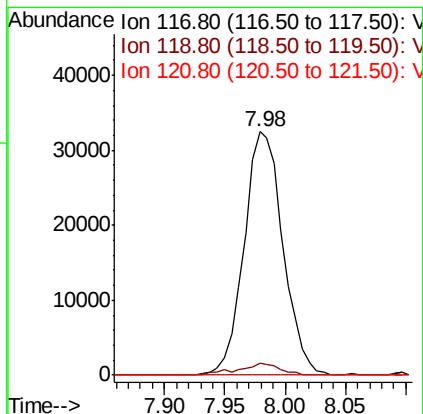
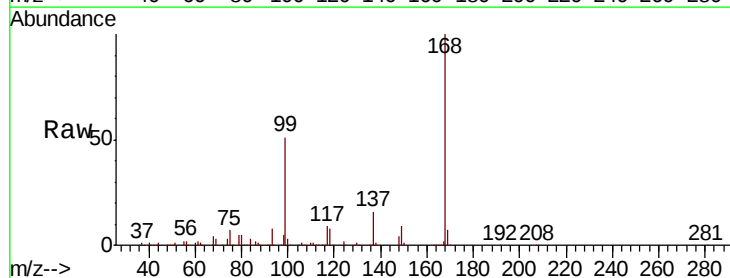
RT: 7.98 min Scan# 1030

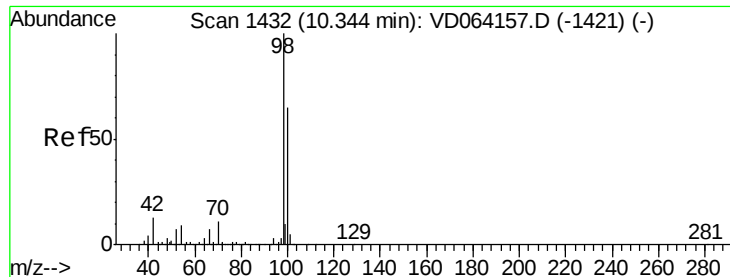
Delta R.T. -0.12 min

Lab File: VD064362.D

Acq: 25 Nov 2019 16:01

Tgt Ion:	117	Resp:	72502
Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.2	115.8#
121	0.0	25.5	38.3#

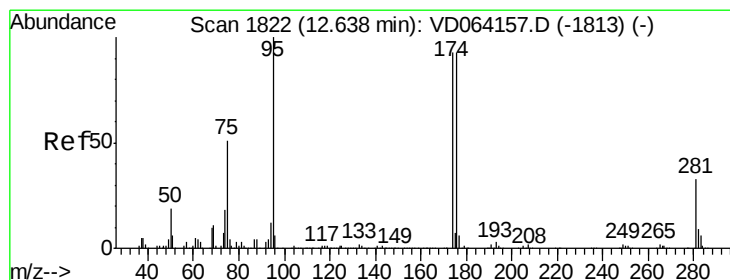
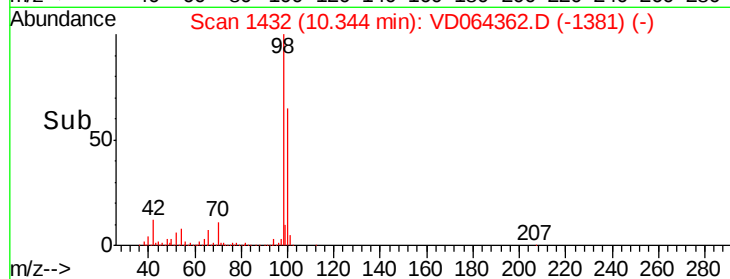
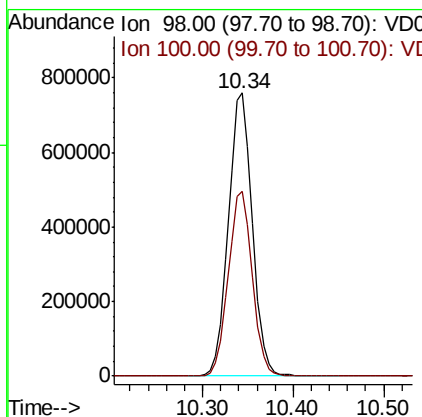
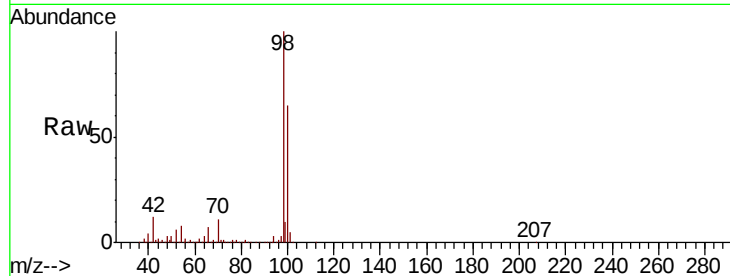




#50
Toluene-d8
Concen: 54.545 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

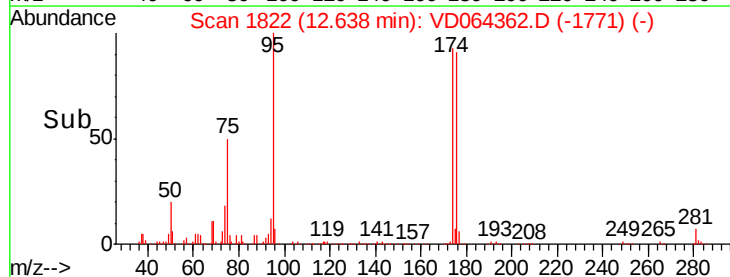
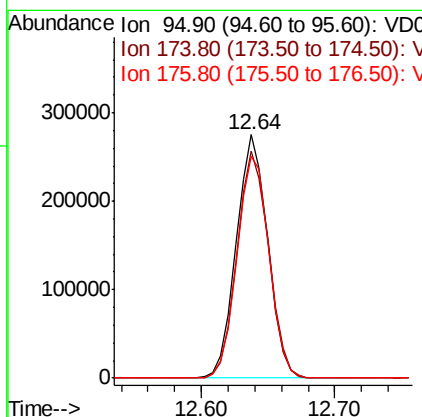
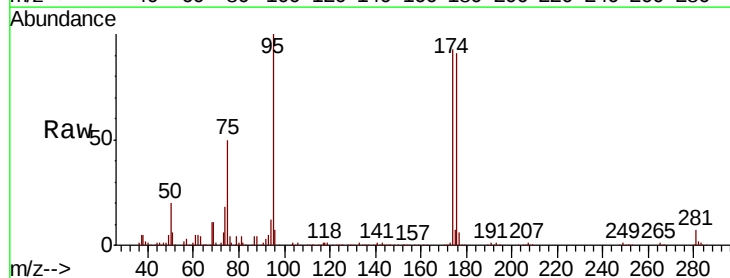
Instrument :
MSVOA_D
ClientSampleId :

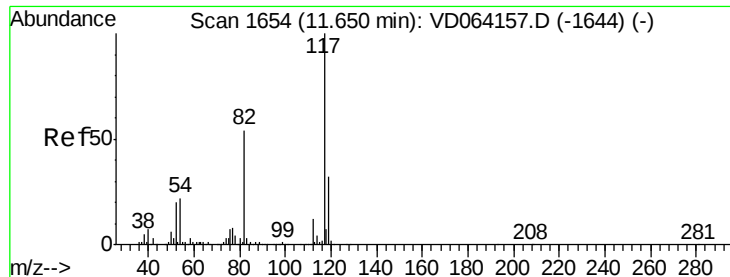
Tot Ion: 98 Resp: 1395551
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.522 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Tgt Ion: 95 Resp: 447643
Ion Ratio Lower Upper
95 100
174 93.9 0.0 183.6
176 92.8 0.0 180.2

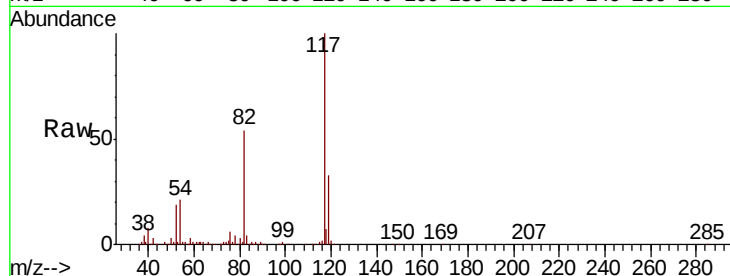




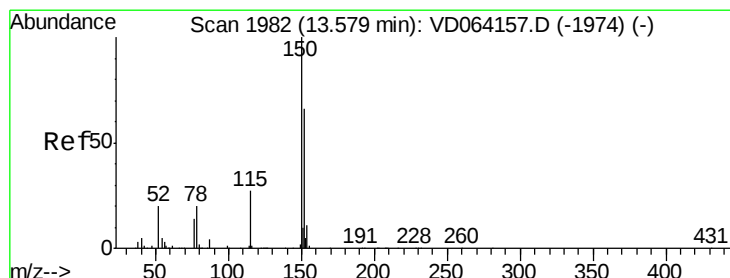
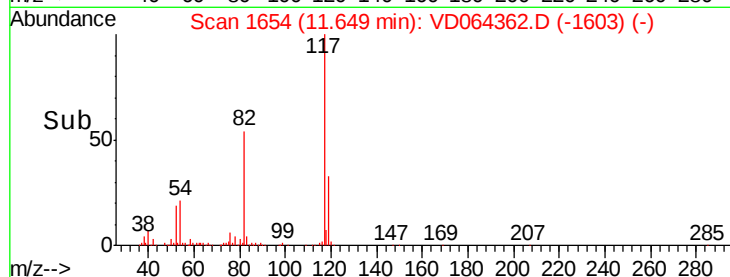
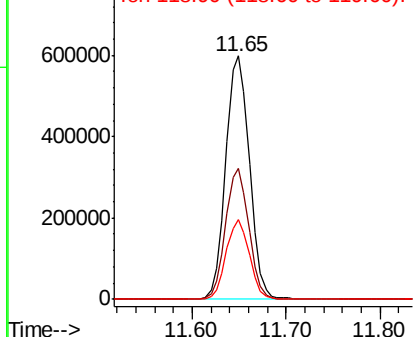
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1049389
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.8 25.6 38.4

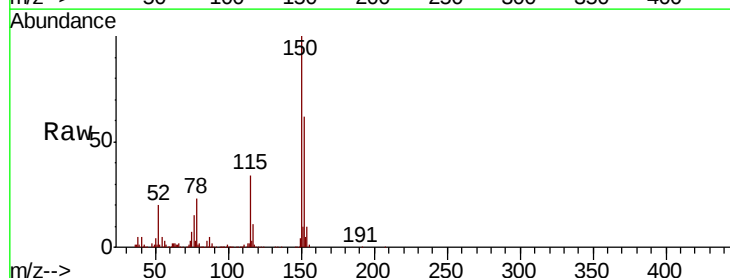


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

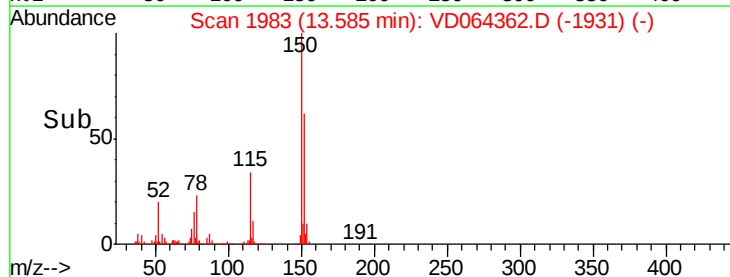
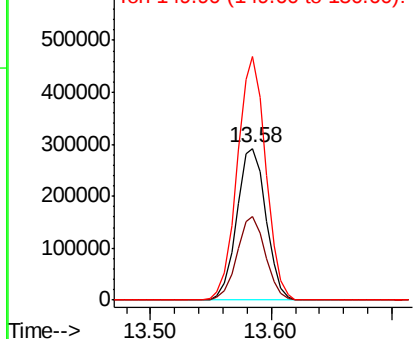


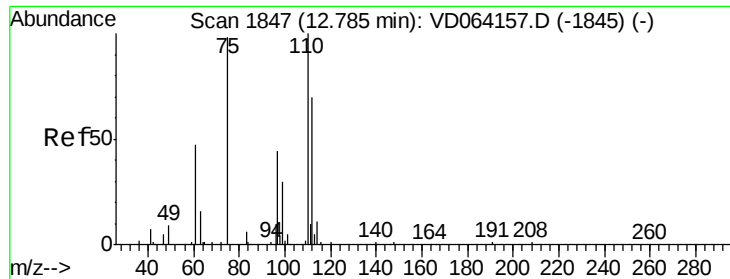
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064362.D
Acq: 25 Nov 2019 16:01

Tgt Ion:152 Resp: 492438
Ion Ratio Lower Upper
152 100
115 53.6 27.4 82.2
150 156.6 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: 58.207 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064362.D

Acq: 25 Nov 2019 16:01

Instrument :

MSVOA_D

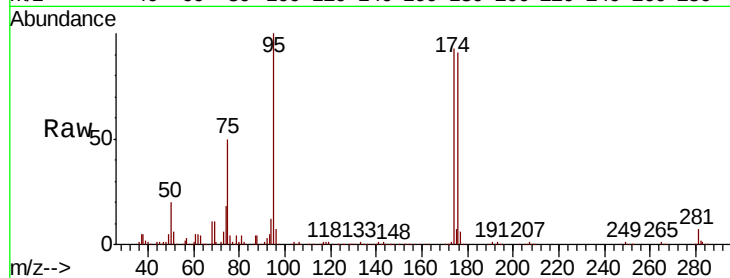
ClientSampleId :

Tot Ion: 75 Resp: 230876

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

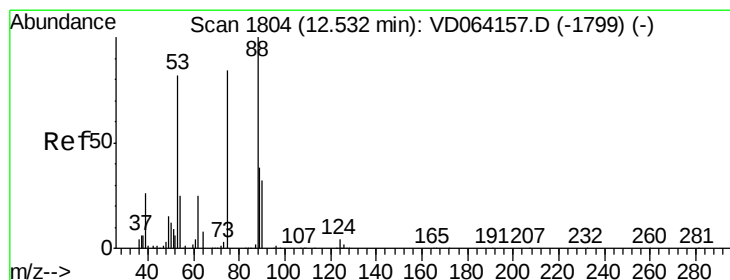
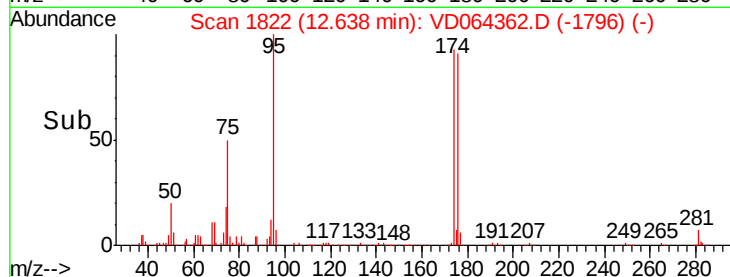
150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 115.623 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064362.D

Acq: 25 Nov 2019 16:01

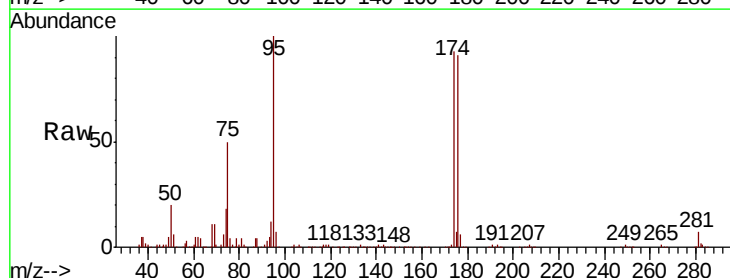
Tgt Ion: 75 Resp: 230876

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.64

150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70

