

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064937.D
 Acq On : 24 Jan 2020 12:09
 Operator : VA/SY
 Sample : VD0124SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 02:37:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

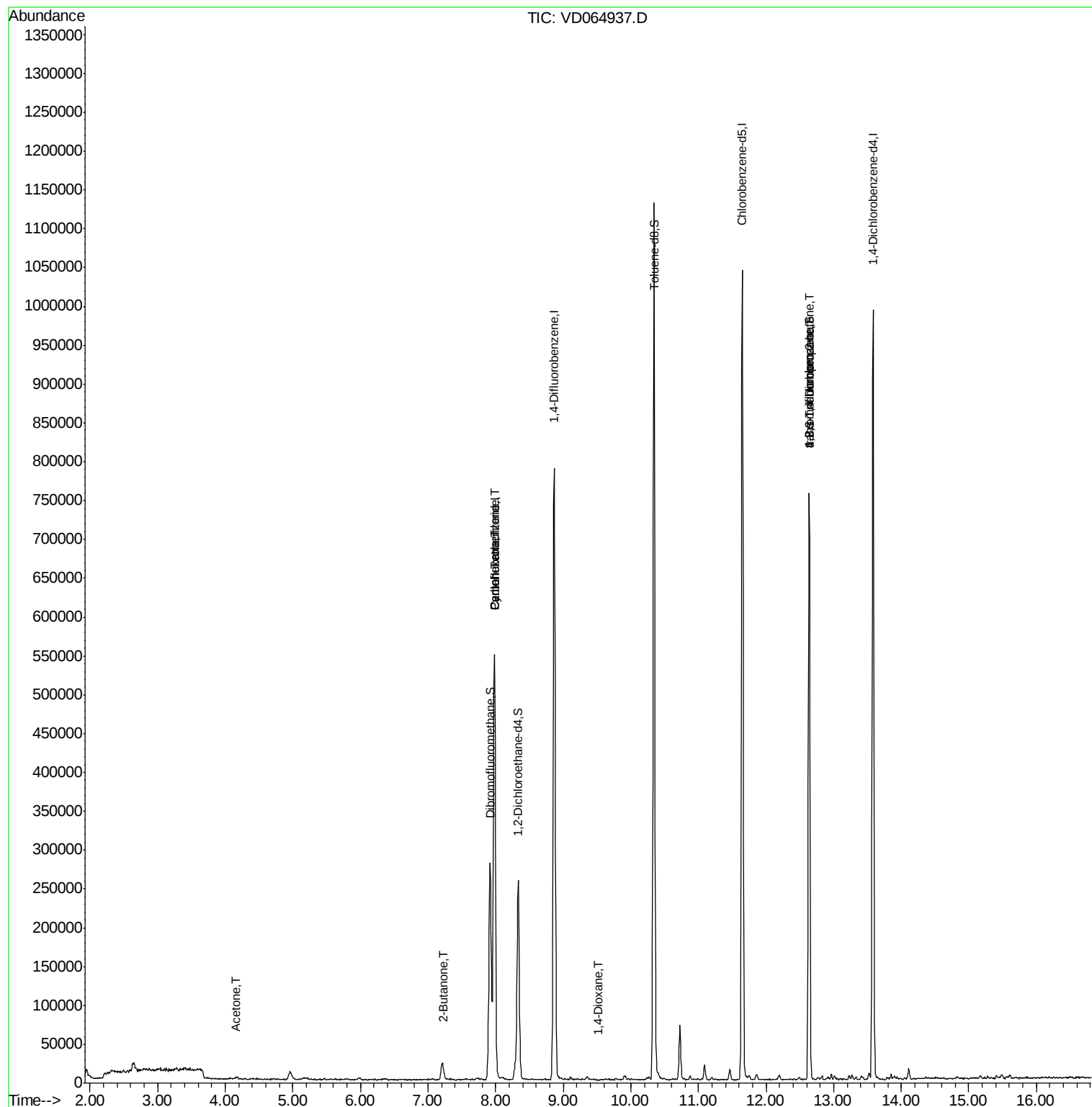
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	426115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	670687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	204720	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.92	113	200763	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.34	98	738662	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	12.64	95	213716	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	6200	18.949	ug/l #	87
20) Methylene Chloride	4.96	84	6930	Below Cal		91
25) 2-Butanone	7.23	43	1870	1.693	ug/l #	49
31) Cyclohexane	7.99	56	10808	1.518	ug/l #	18
38) Carbon Tetrachloride	7.98	117	42081	6.156	ug/l #	18
49) 1,4-Dioxane	9.51	88	71	2.597	ug/l #	12
76) 1,2,3-Trichloropropane	12.64	75	118099	54.992	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	118099	117.421	ug/l #	9

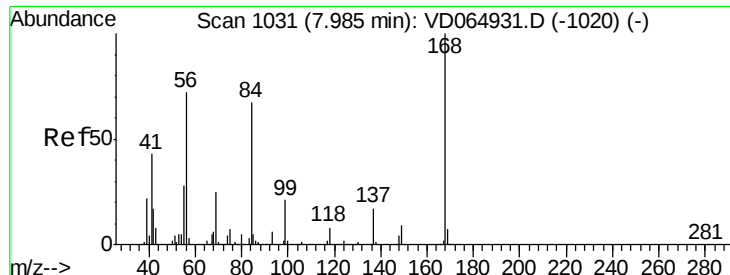
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012420\
Data File : VD064937.D
Acq On : 24 Jan 2020 12:09
Operator : VA/SY
Sample : VD0124SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 25 02:37:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064937.D

Acq: 24 Jan 2020 12:09

Instrument :

MSVOA_D

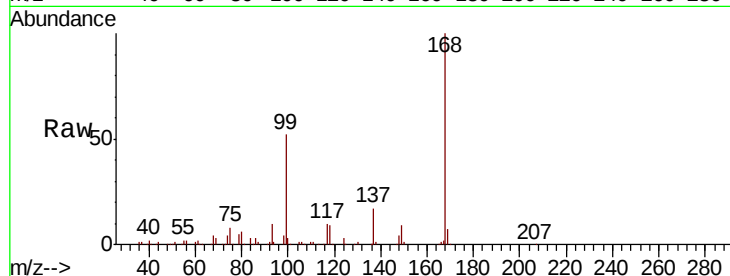
ClientSampleId :

Tot Ion:168 Resp: 426115

Ion Ratio Lower Upper

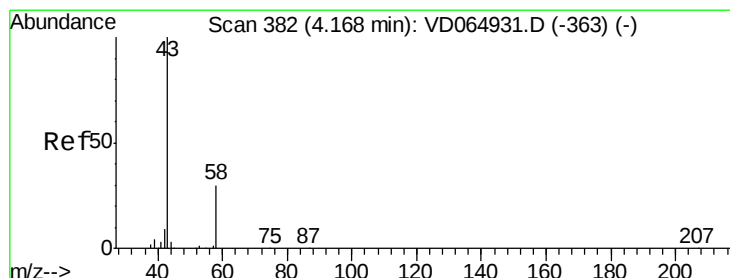
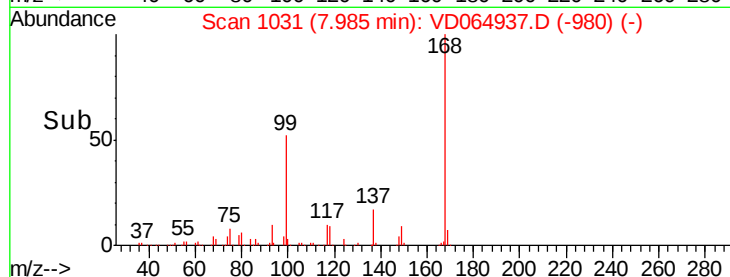
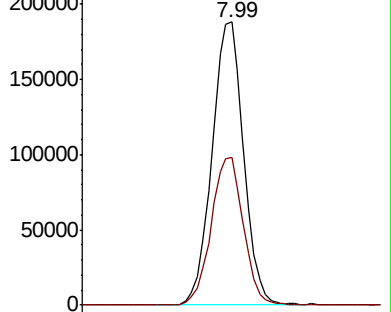
168 100

99 51.9 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 18.949 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064937.D

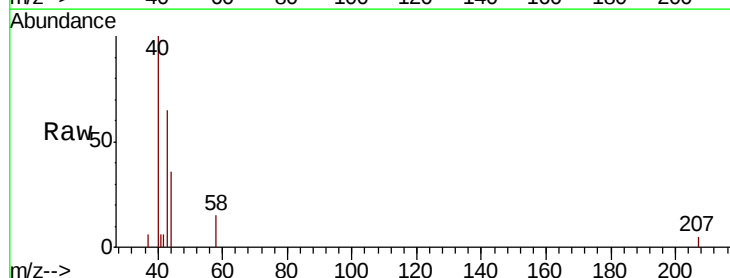
Acq: 24 Jan 2020 12:09

Tgt Ion: 43 Resp: 6200

Ion Ratio Lower Upper

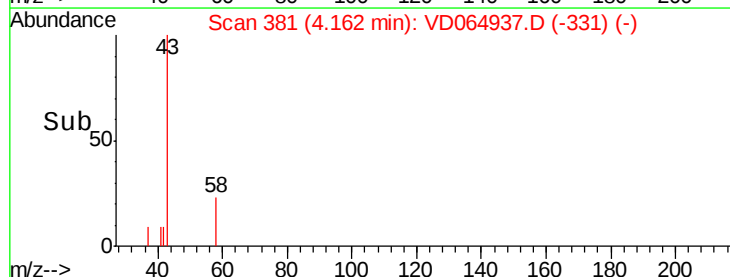
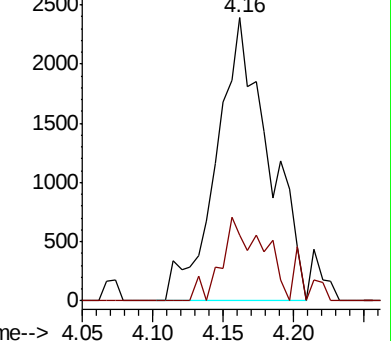
43 100

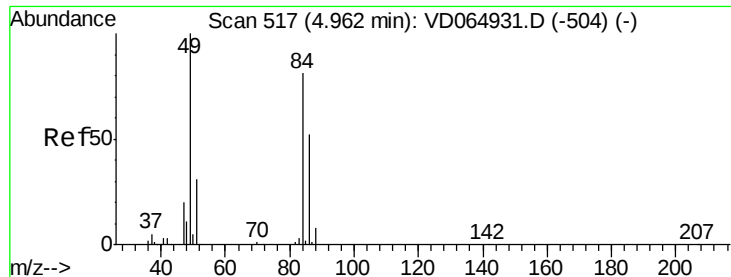
58 23.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

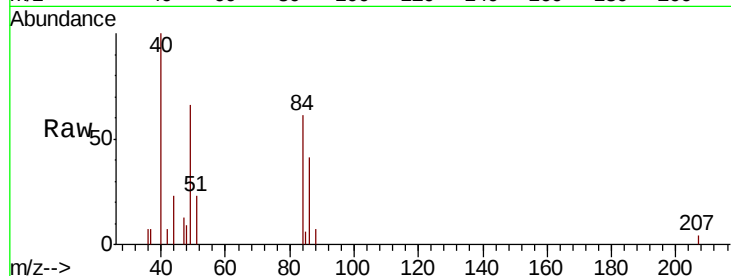




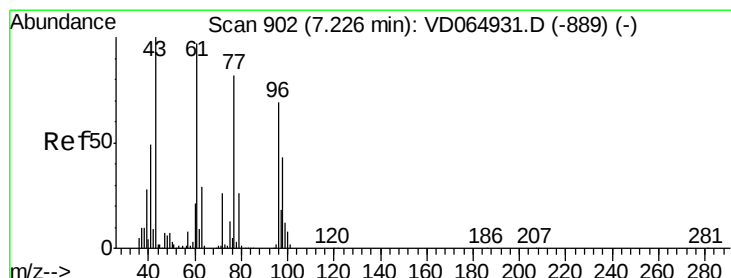
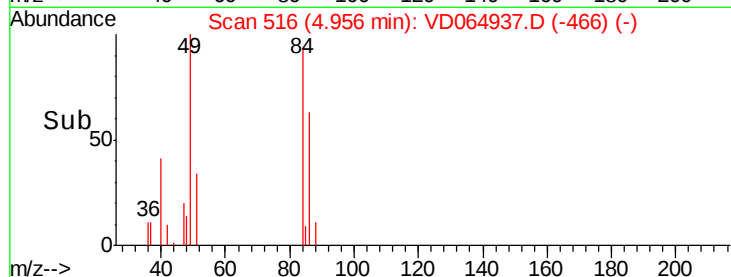
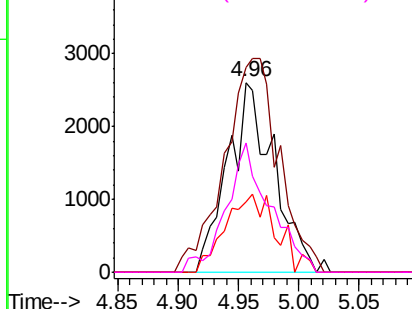
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 6930
Ion Ratio Lower Upper
84 100
49 108.1 98.4 147.6
51 37.1 30.8 46.2
86 68.0 51.0 76.6

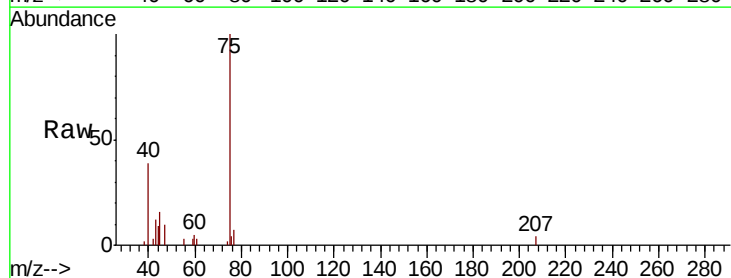


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

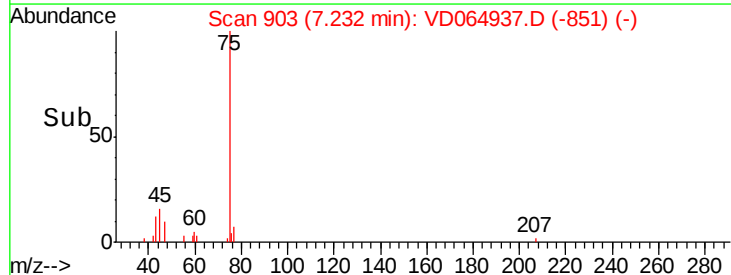
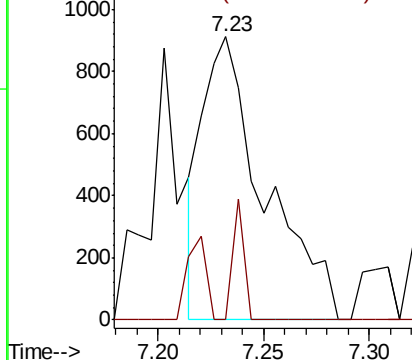


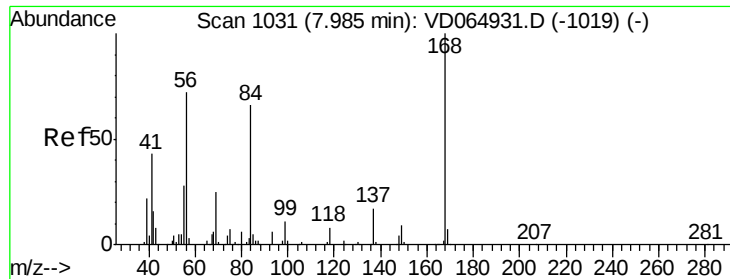
#25
2-Butanone
Concen: 1.693 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Tgt Ion: 43 Resp: 1870
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



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

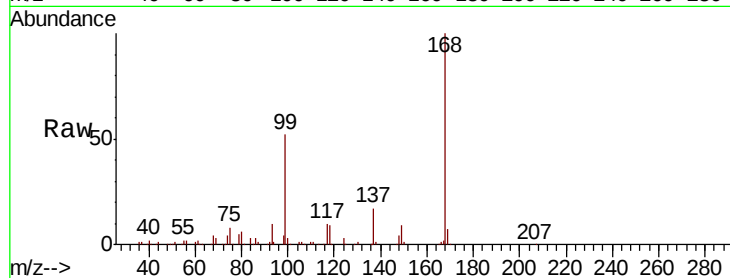




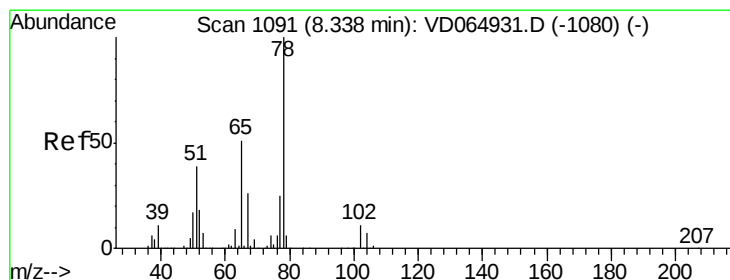
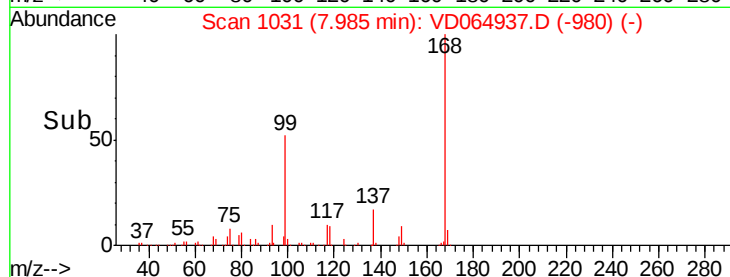
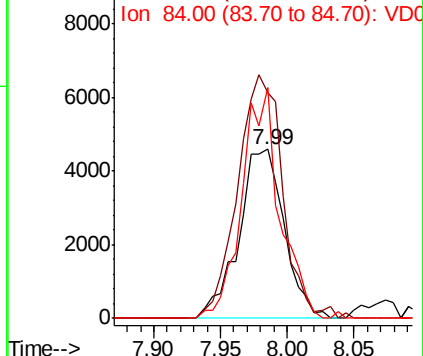
#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 10808
Ion Ratio Lower Upper
56 100
69 133.3 27.9 41.9#
84 136.3 72.8 109.2#

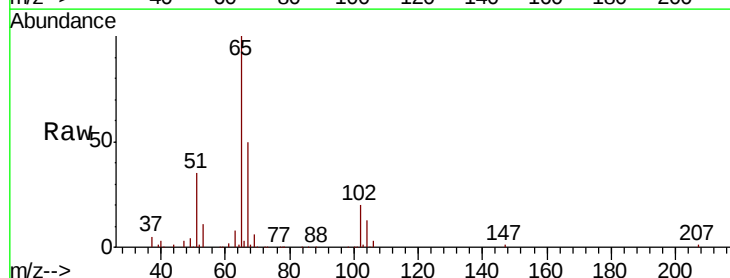


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

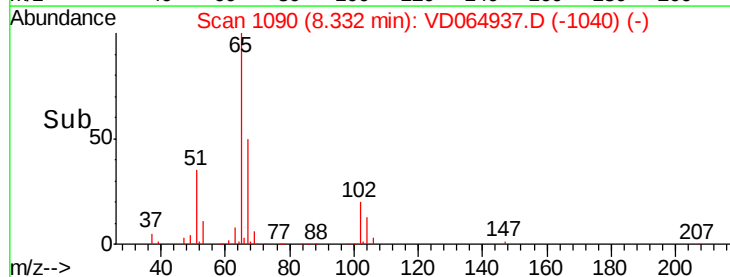
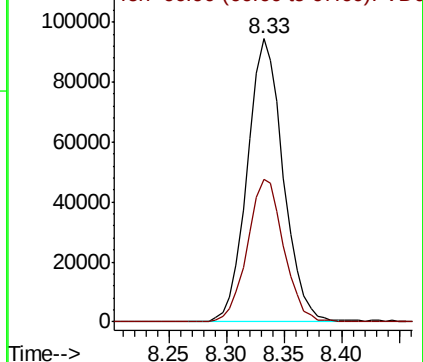


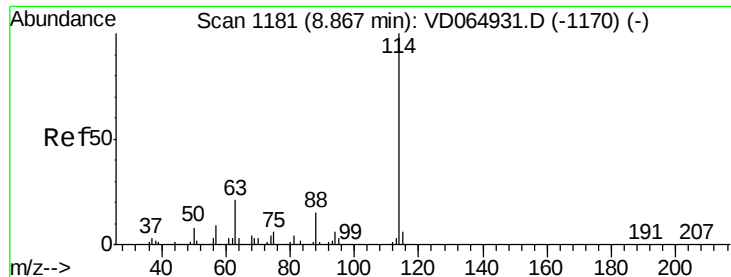
#33
1,2-Dichloroethane-d4
Concen: 50.086 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Tgt Ion: 65 Resp: 204720
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.6



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: VD064937.D

Acq: 24 Jan 2020 12:09

Instrument :

MSVOA_D

ClientSampleId :

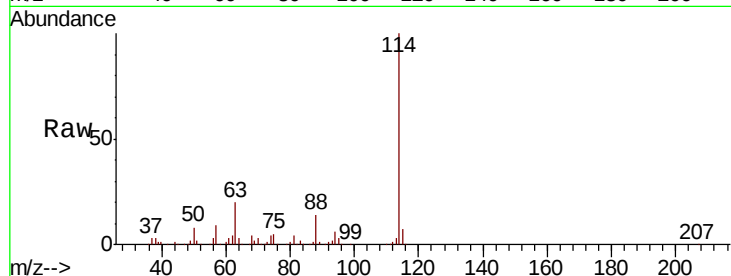
Tot Ion:114 Resp: 670687

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.0

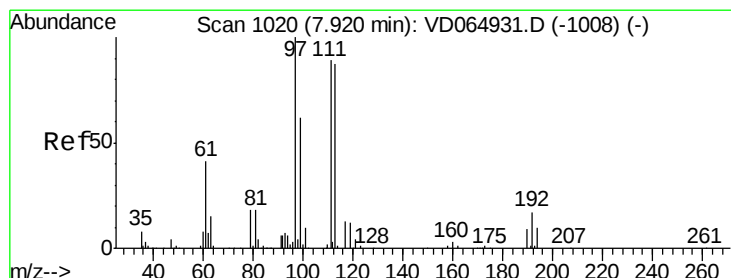
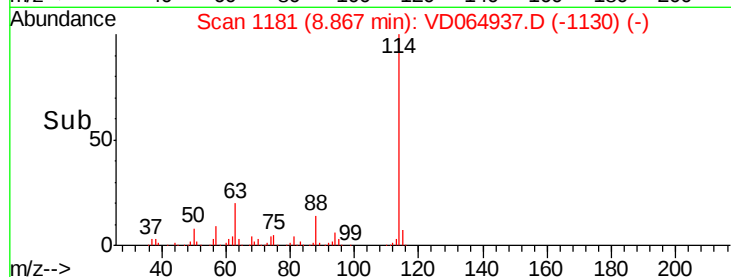
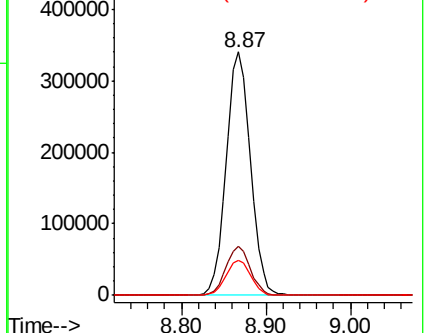
88 14.2 0.0 29.4



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: 47.634 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064937.D

Acq: 24 Jan 2020 12:09

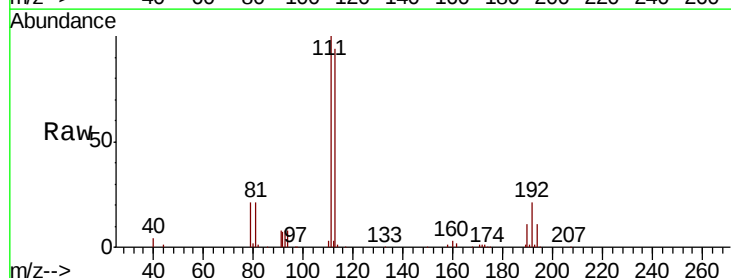
Tgt Ion:113 Resp: 200763

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

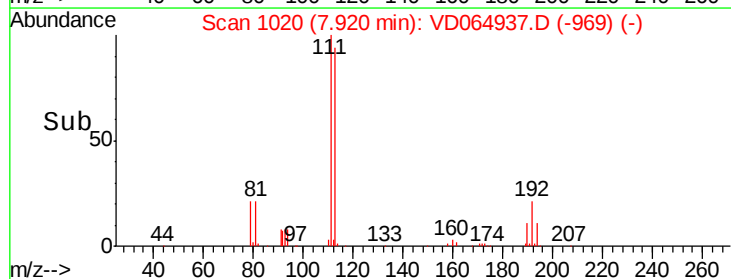
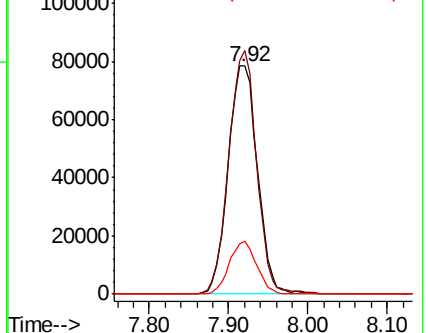
192 21.5 16.9 25.3

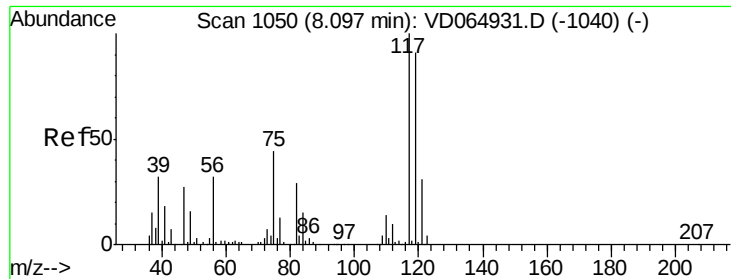


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

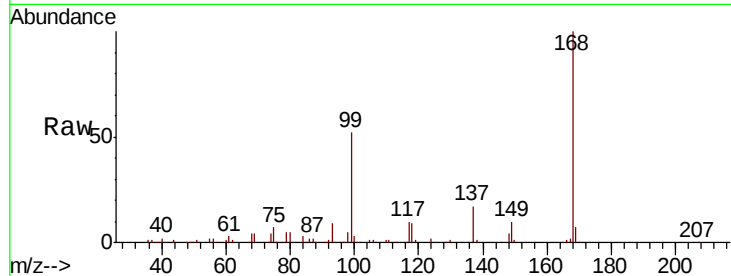




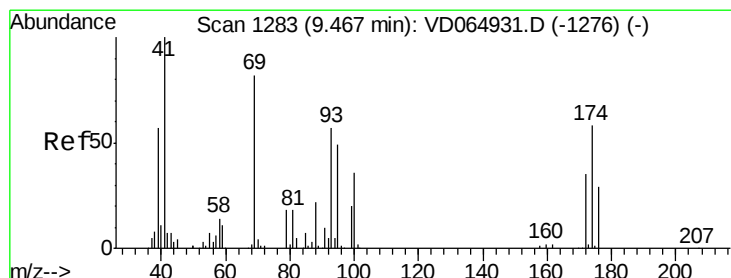
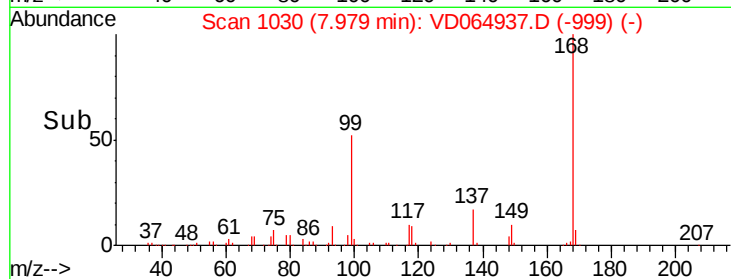
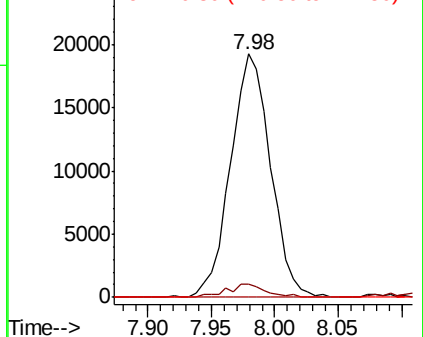
#38
Carbon Tetrachloride
Concen: 6.156 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 42081
Ion Ratio Lower Upper
117 100
119 5.2 73.2 109.8#
121 0.0 24.4 36.6#

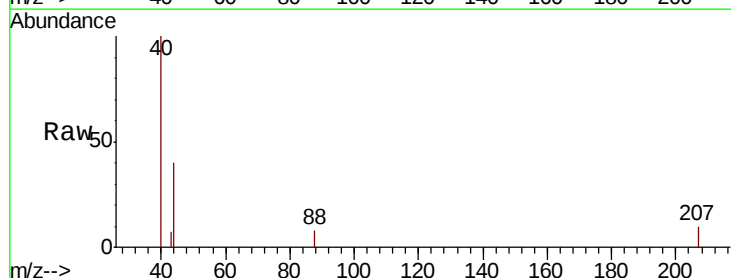


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

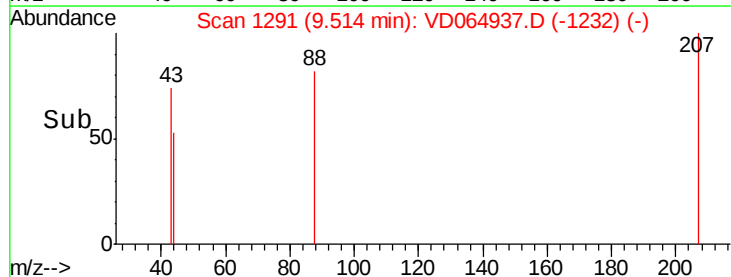
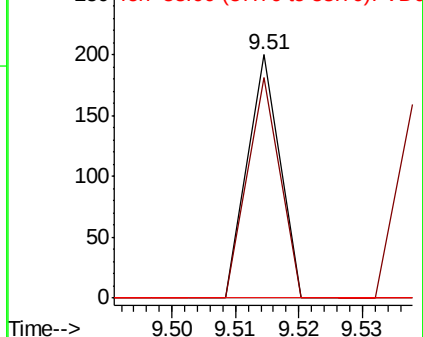


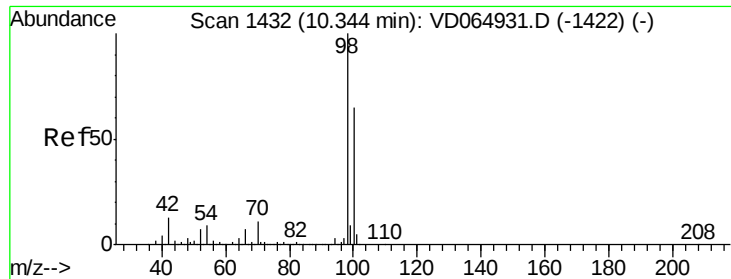
#49
1,4-Dioxane
Concen: 2.597 ug/l
RT: 9.51 min Scan# 1291
Delta R.T. 0.05 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Tgt Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 90.1 26.2 39.4#
58 0.0 50.3 75.5#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

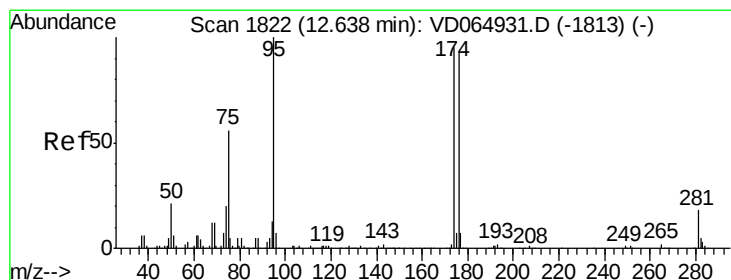
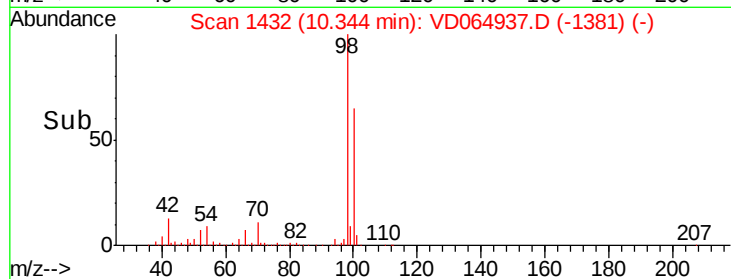
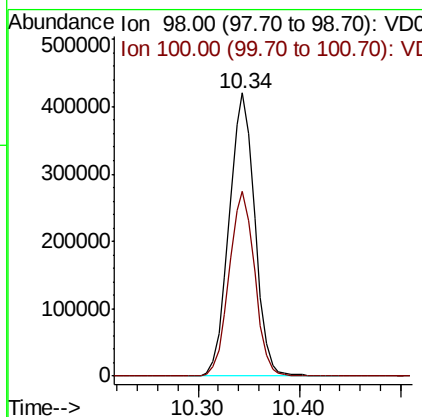
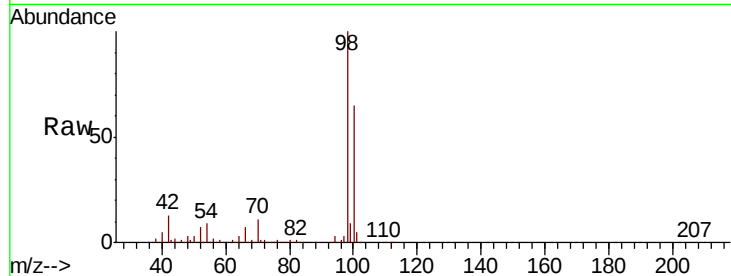




#50
Toluene-d8
Concen: 45.408 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

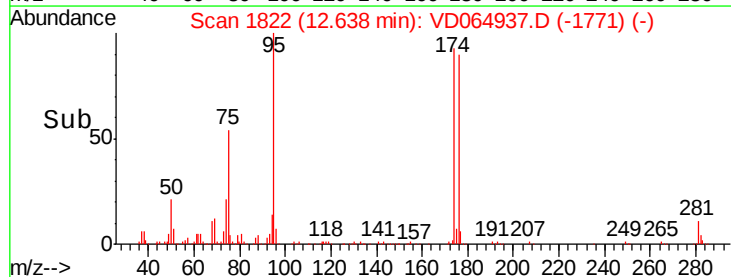
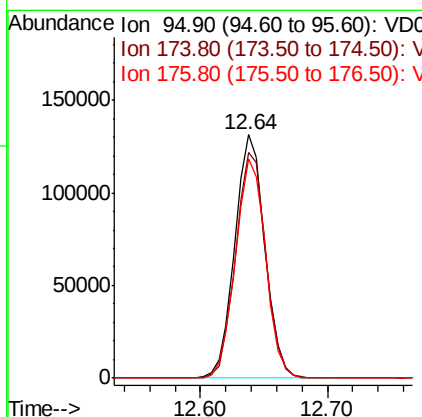
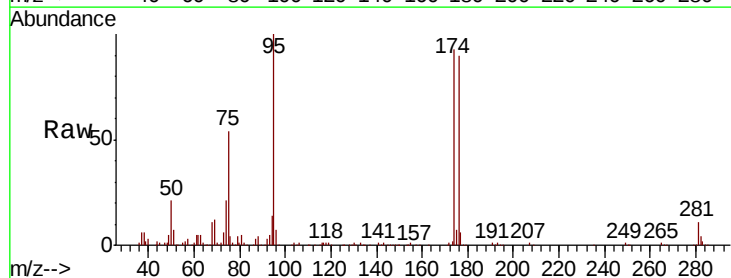
Instrument :
MSVOA_D
ClientSampleId :

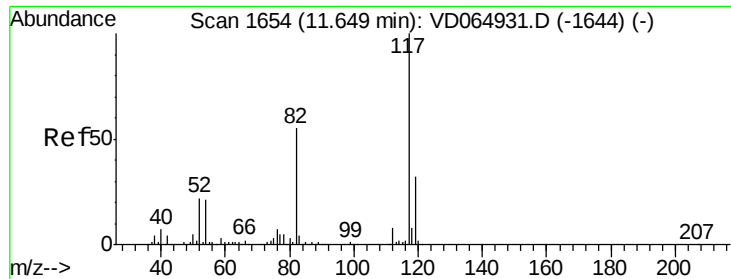
Tot Ion: 98 Resp: 738662
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.931 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Tgt Ion: 95 Resp: 213716
Ion Ratio Lower Upper
95 100
174 94.2 0.0 186.8
176 90.8 0.0 183.4

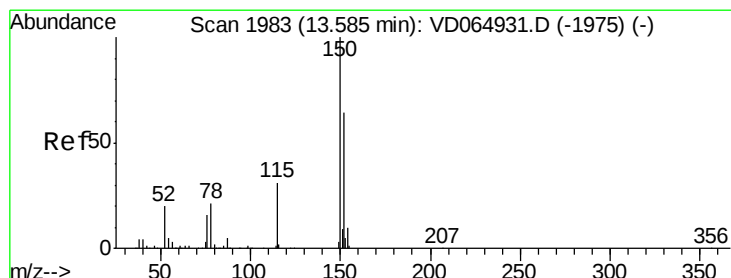
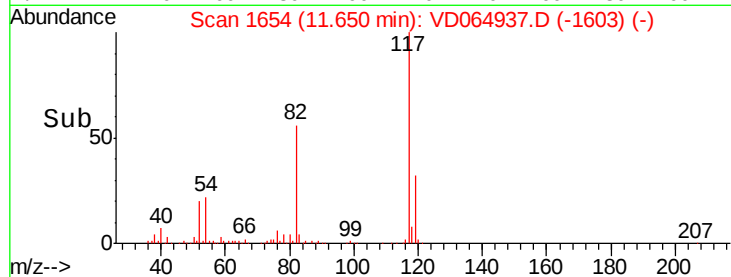
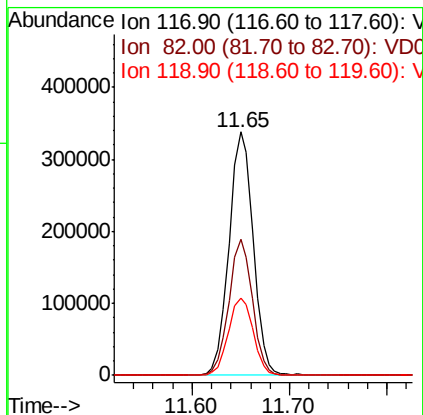
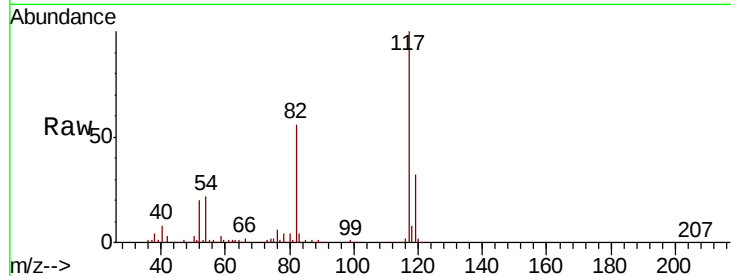




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

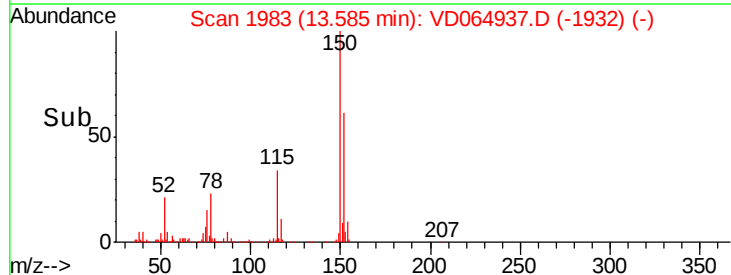
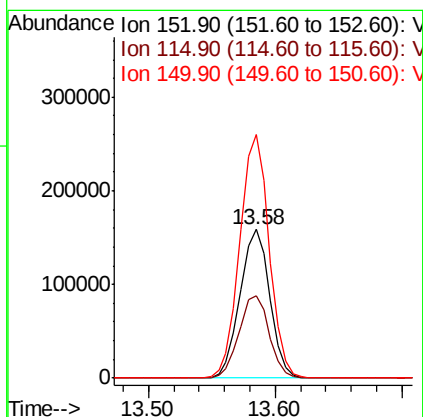
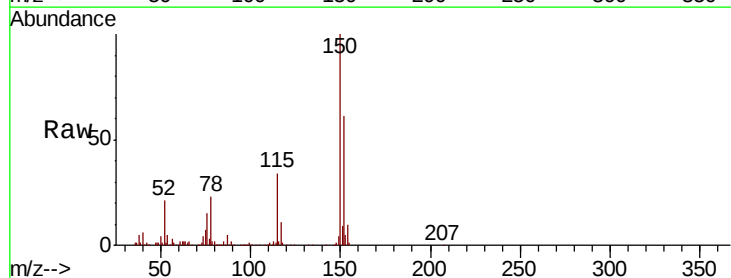
Instrument :
MSVOA_D
ClientSampleId :

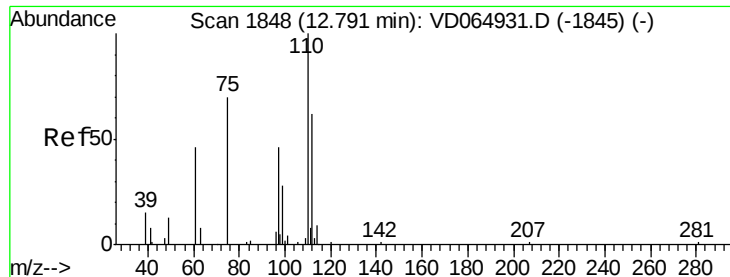
Tot Ion:117 Resp: 581342
Ion Ratio Lower Upper
117 100
82 55.8 43.6 65.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064937.D
Acq: 24 Jan 2020 12:09

Tgt Ion:152 Resp: 258740
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.4
150 160.9 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 54.992 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064937.D

Acq: 24 Jan 2020 12:09

Instrument :

MSVOA_D

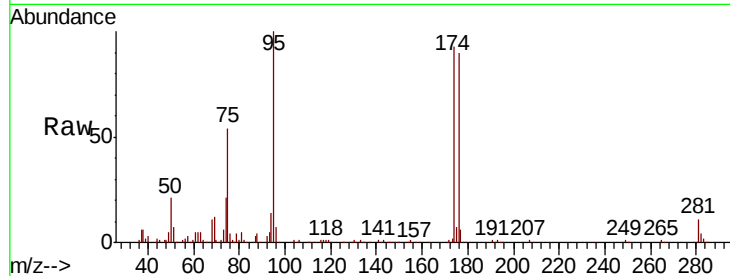
ClientSampleId :

Tot Ion: 75 Resp: 118099

Ion Ratio Lower Upper

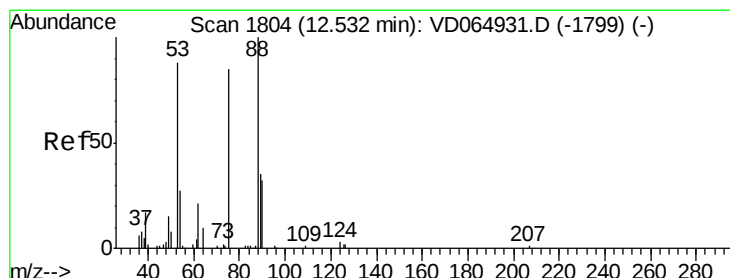
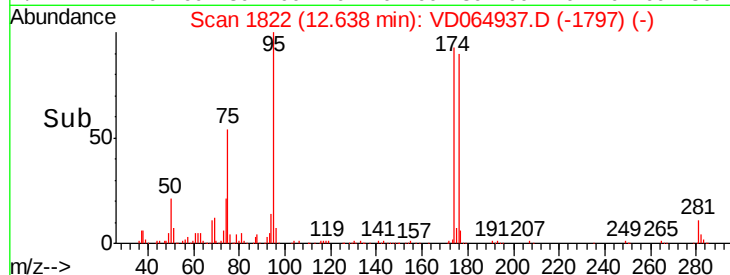
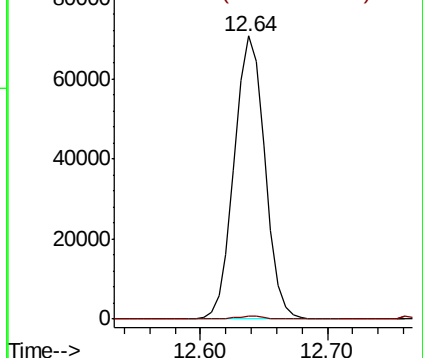
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 117.421 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064937.D

Acq: 24 Jan 2020 12:09

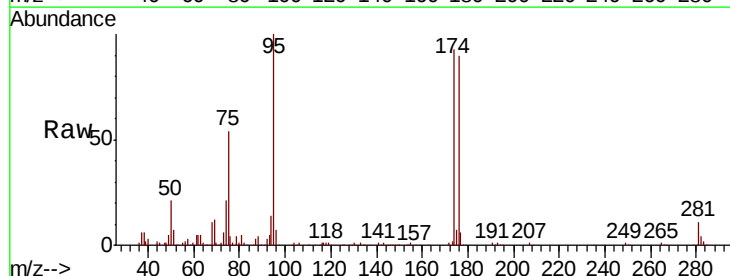
Tgt Ion: 75 Resp: 118099

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.0 36.2 54.4#



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

