

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103119\
 Data File : VD064136.D
 Acq On : 31 Oct 2019 16:50
 Operator : VA/SY
 Sample : K5602-01RE
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

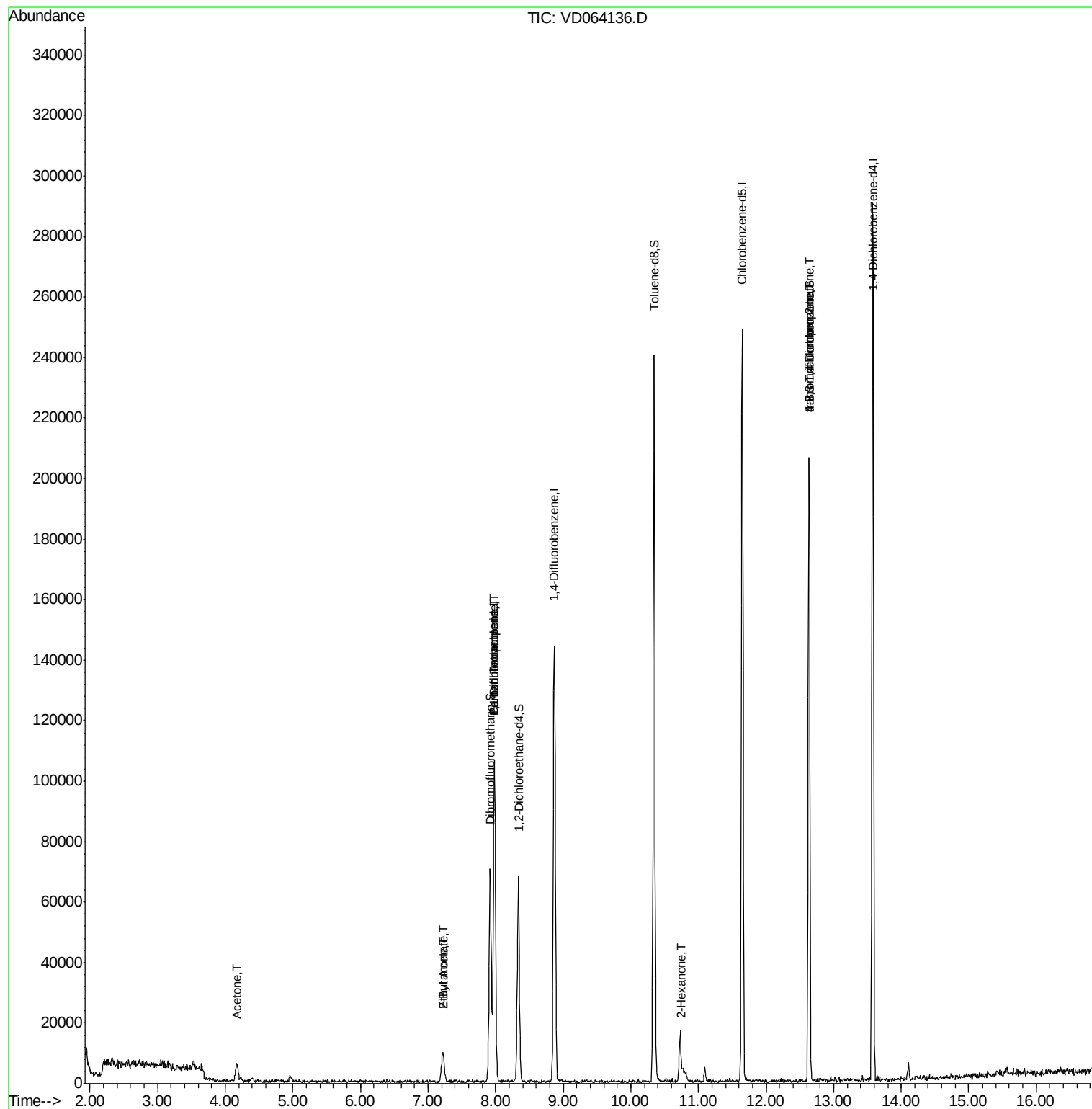
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	84376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	130066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	148352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	79173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	50318	74.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.96%	
35) Dibromofluoromethane	7.91	113	49327	61.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.28%	
50) Toluene-d8	10.34	98	161260	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.64	95	61059	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.10%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	10219	80.036	ug/l #	85
20) Methylene Chloride	4.95	84	1027	Below Cal	#	53
25) 2-Butanone	7.23	43	3384	19.171	ug/l #	58
36) 1,1-Dichloropropene	7.98	75	6661	5.465	ug/l #	43
37) Ethyl Acetate	7.23	43	3384	9.021	ug/l #	73
38) Carbon Tetrachloride	7.98	117	7226	5.434	ug/l #	24
59) 2-Hexanone	10.76	43	71	9.226	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	31723	59.630	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	31723	121.780	ug/l #	15

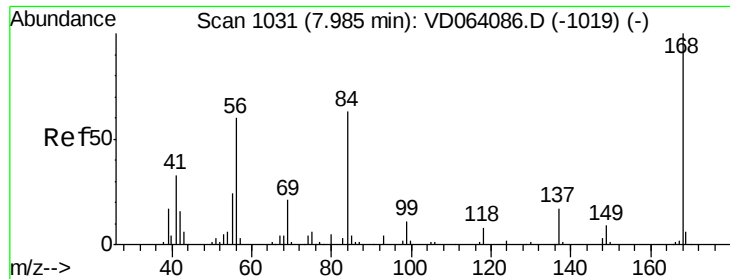
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103119\
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MSVOA_D
ClientSampleId :

Quant Time: Nov 01 06:05:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 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: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

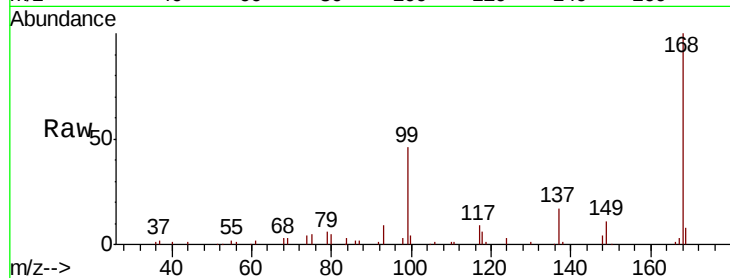
ClientSampleId :

Tot Ion:168 Resp: 84376

Ion Ratio Lower Upper

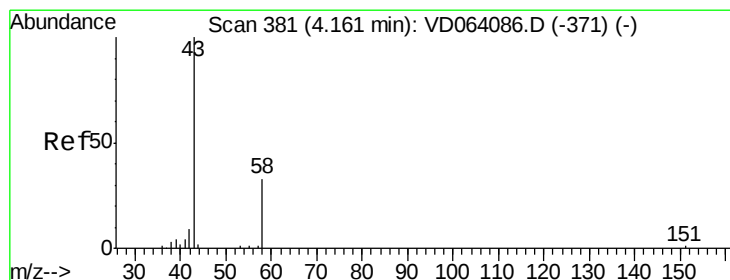
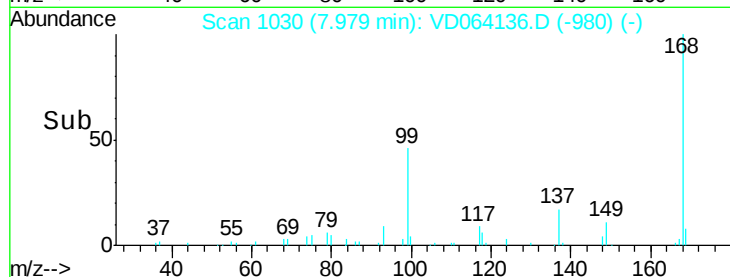
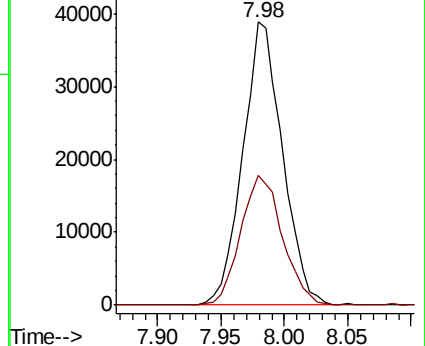
168 100

99 45.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 80.036 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064136.D

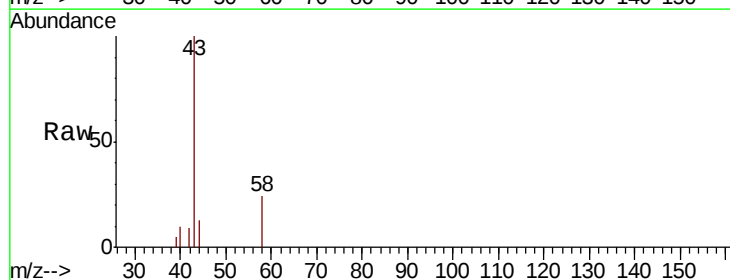
Acq: 31 Oct 2019 16:50

Tgt Ion: 43 Resp: 10219

Ion Ratio Lower Upper

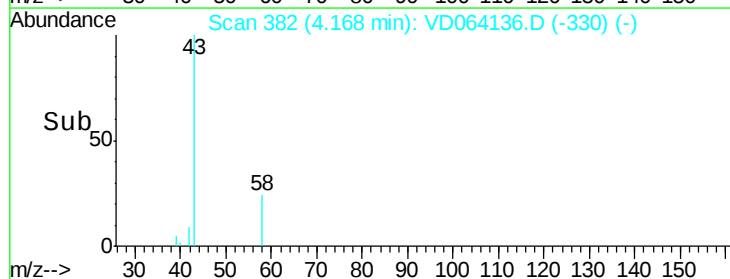
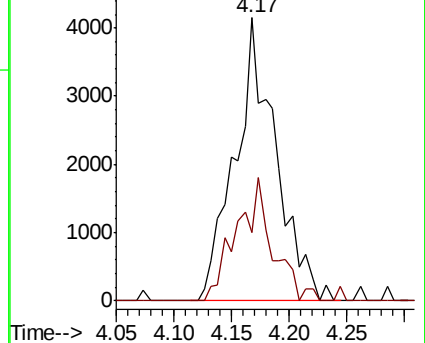
43 100

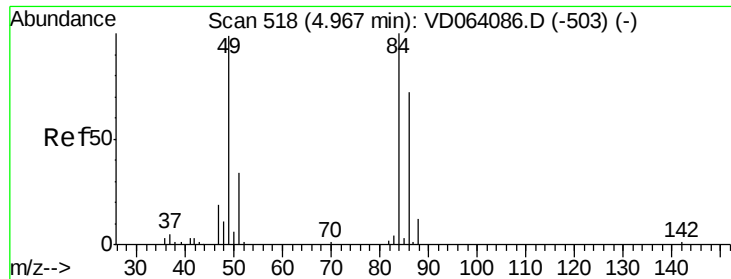
58 24.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

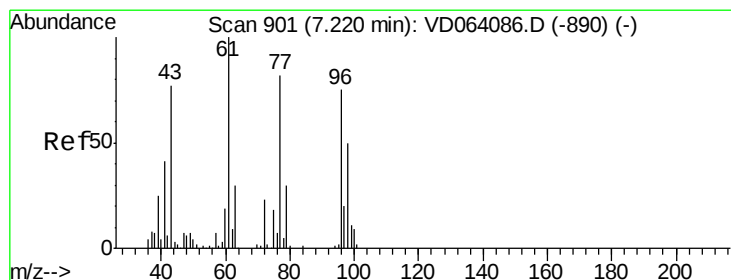
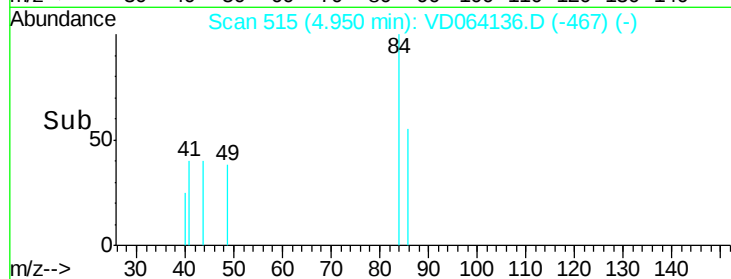
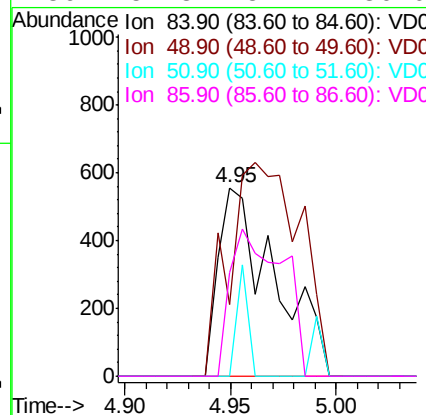
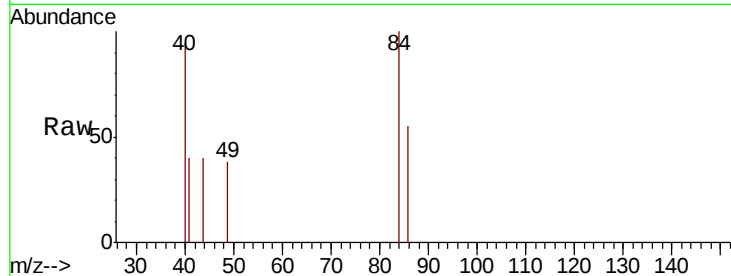




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.02 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

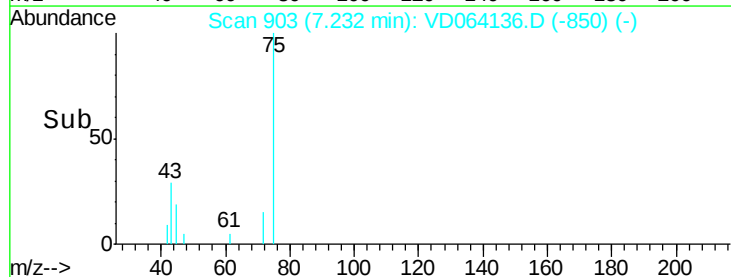
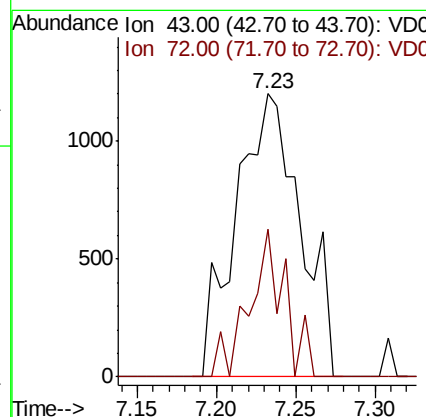
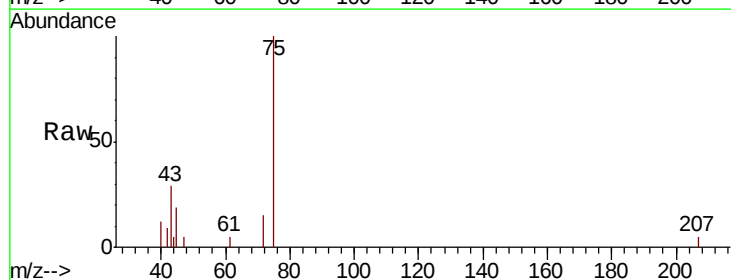
Instrument :
MSVOA_D
ClientSampled :

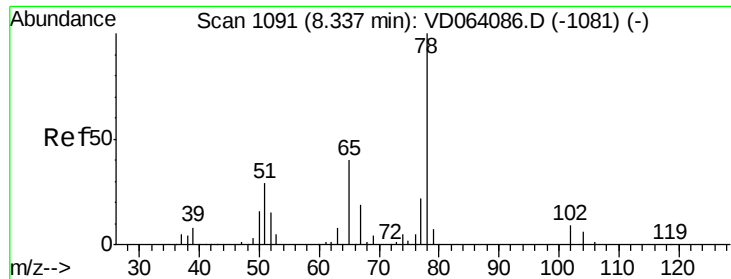
Tot Ion: 84 Resp: 1027
Ion Ratio Lower Upper
84 100
49 38.0 79.4 119.0#
51 0.0 27.4 41.2#
86 54.8 57.4 86.0#



#25
2-Butanone
Concen: 19.171 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

Tgt Ion: 43 Resp: 3384
Ion Ratio Lower Upper
43 100
72 52.0 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 74.984 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

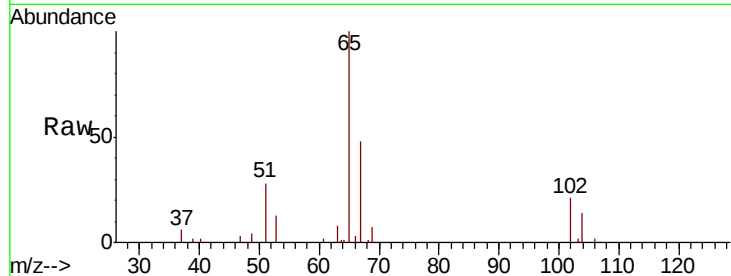
ClientSampled :

Tot Ion: 65 Resp: 50318

Ion Ratio Lower Upper

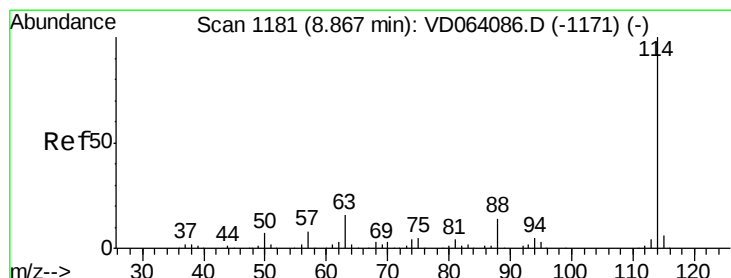
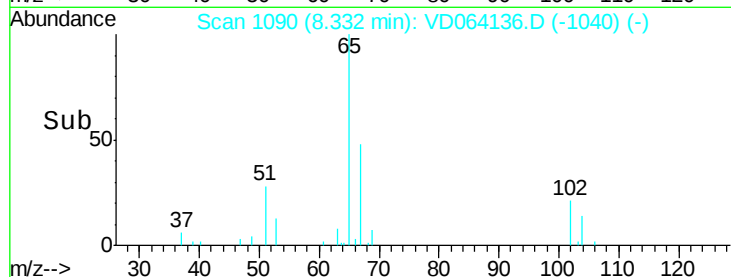
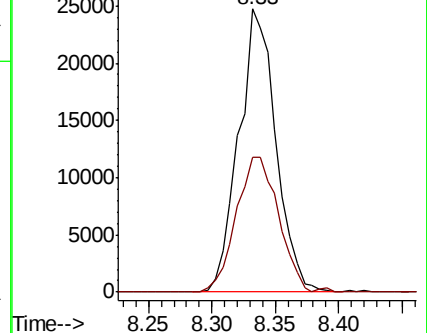
65 100

67 54.0 0.0 104.6



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: VD064136.D

Acq: 31 Oct 2019 16:50

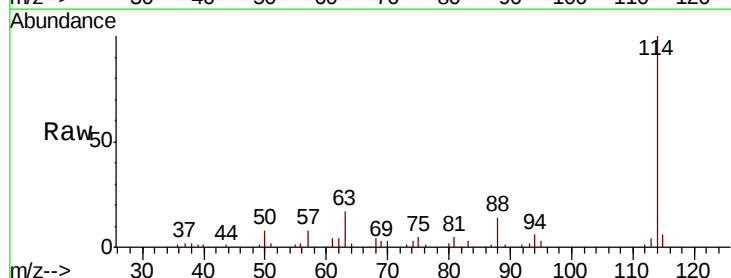
Tgt Ion: 114 Resp: 130066

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.8

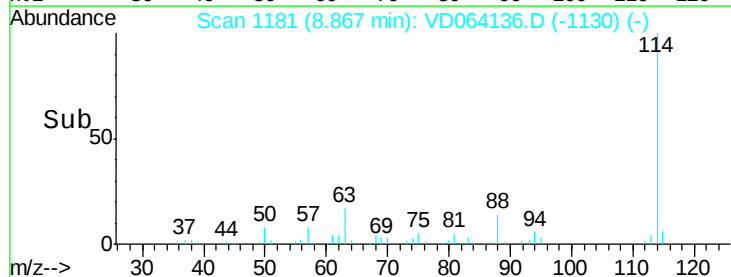
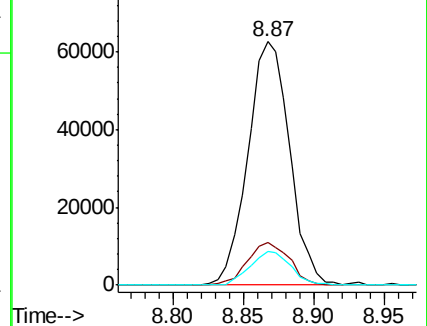
88 13.9 0.0 27.6

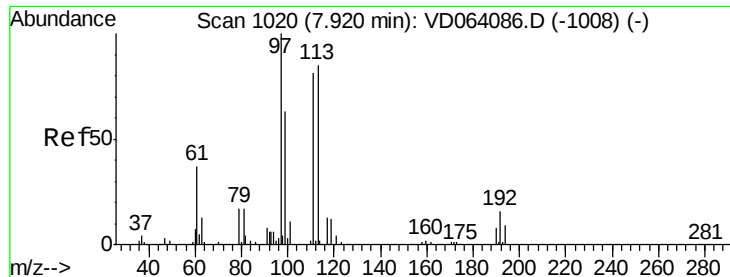


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

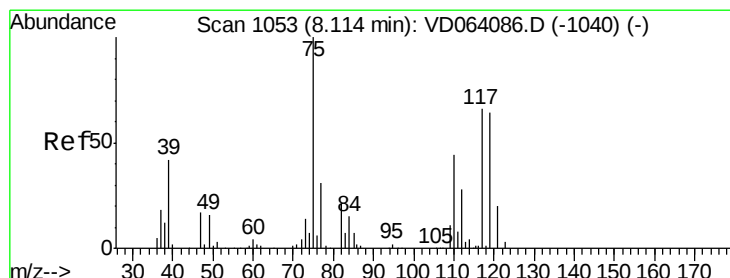
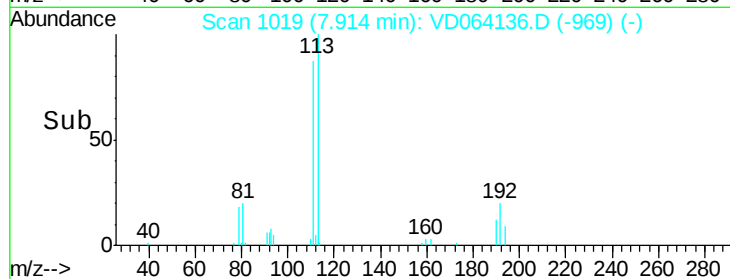
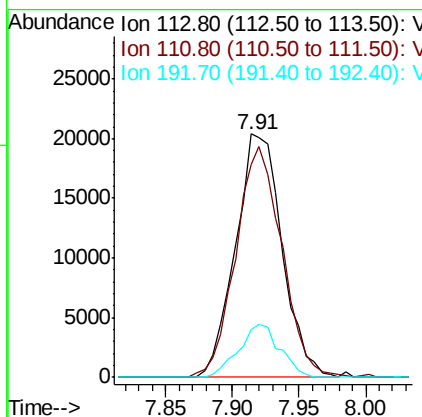
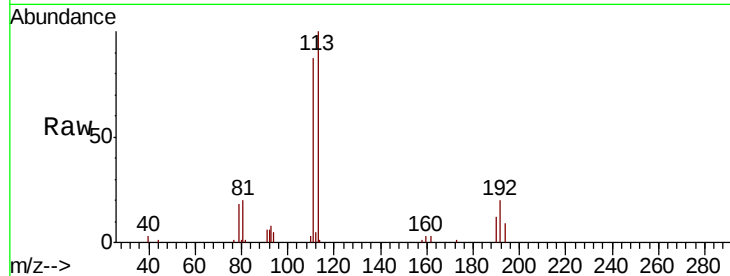




#35
Dibromofluoromethane
Concen: 61.643 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

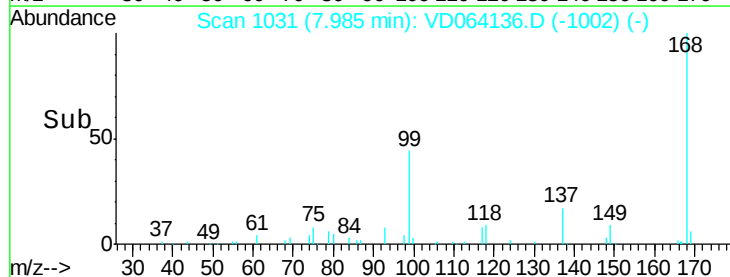
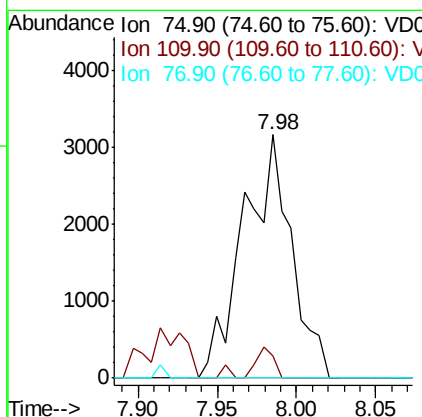
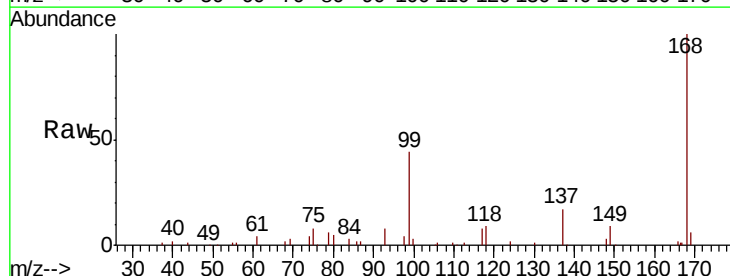
Instrument :
MSVOA_D
ClientSampleId :

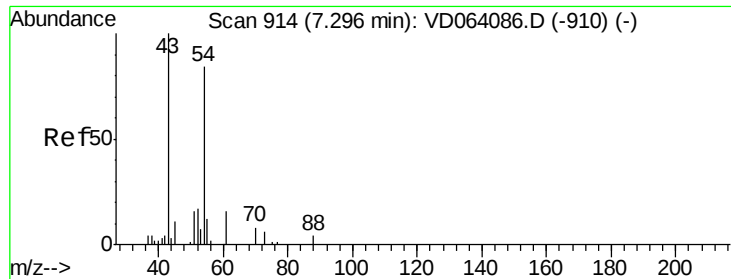
Tot Ion:113 Resp: 49327
Ion Ratio Lower Upper
113 100
111 94.0 79.3 118.9
192 19.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.465 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

Tgt Ion: 75 Resp: 6661
Ion Ratio Lower Upper
75 100
110 4.7 20.0 59.9#
77 0.0 24.7 37.1#

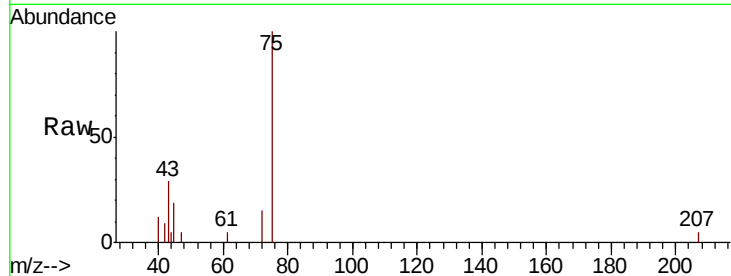




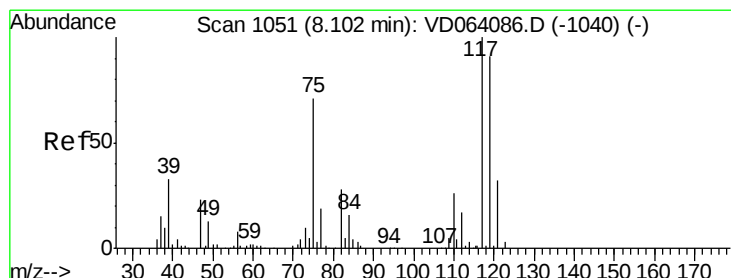
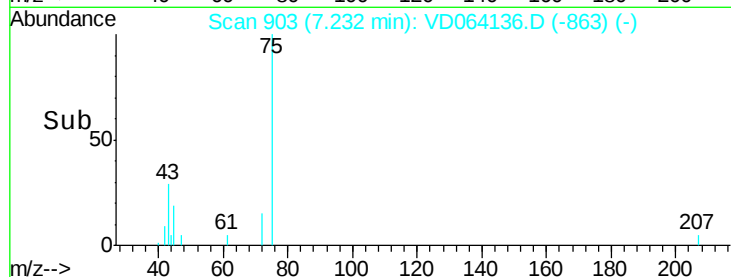
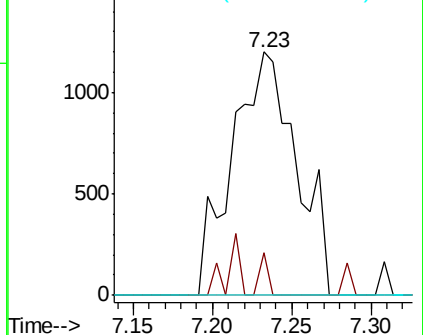
#37
Ethyl Acetate
Concen: 9.021 ug/l
RT: 7.23 min Scan# 903
Delta R.T. -0.06 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 3384
Ion Ratio Lower Upper
43 100
61 2.2 12.0 18.0#
70 0.0 3.8 5.6#

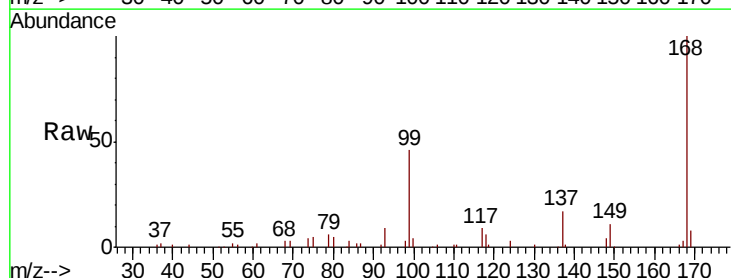


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

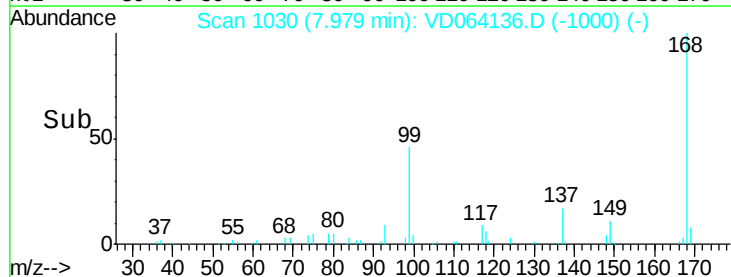
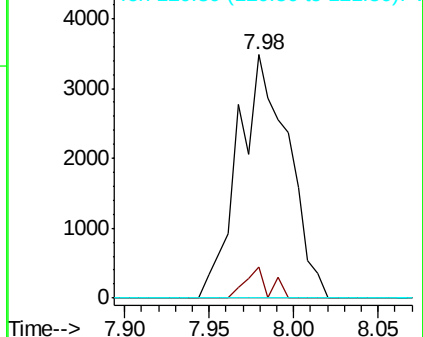


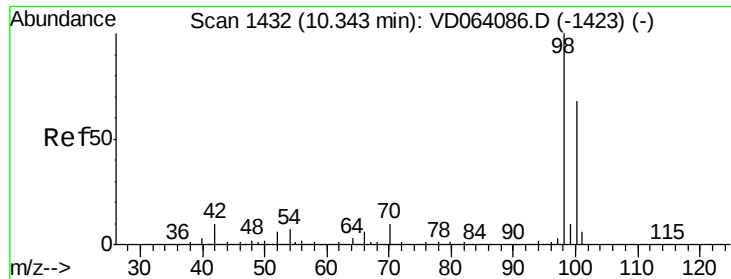
#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

Tgt Ion: 117 Resp: 7226
Ion Ratio Lower Upper
117 100
119 12.7 72.6 108.8#
121 0.0 25.8 38.6#



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





#50

Toluene-d8

Concen: 50.391 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

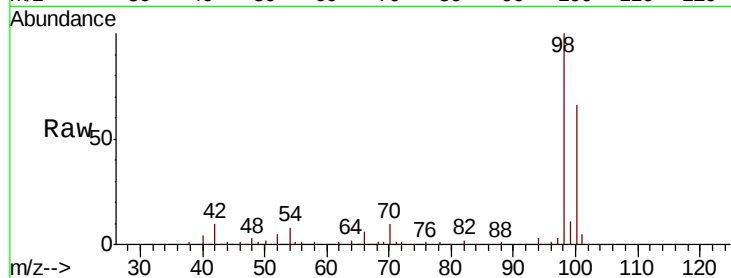
ClientSampleId :

Tot Ion: 98 Resp: 161260

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

80000

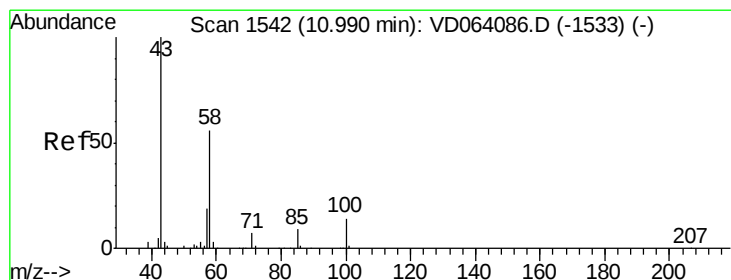
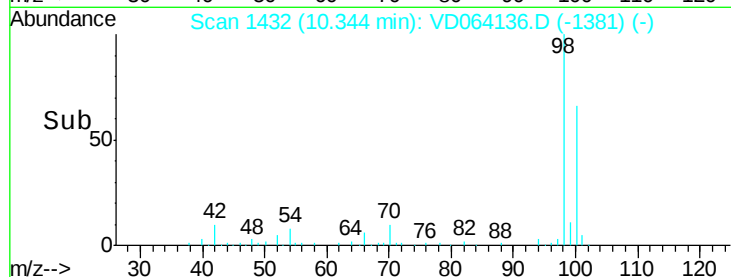
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 9.226 ug/l

RT: 10.76 min Scan# 1502

Delta R.T. -0.23 min

Lab File: VD064136.D

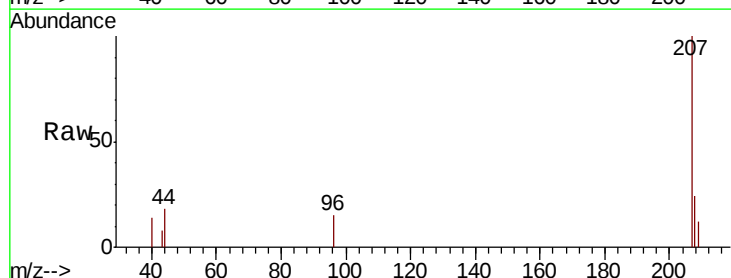
Acq: 31 Oct 2019 16:50

Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

43 100

58 0.0 29.2 87.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.76

200

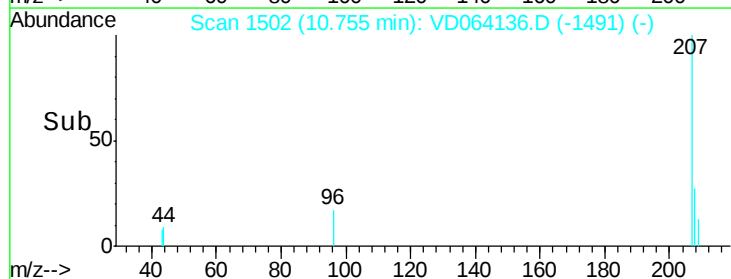
150

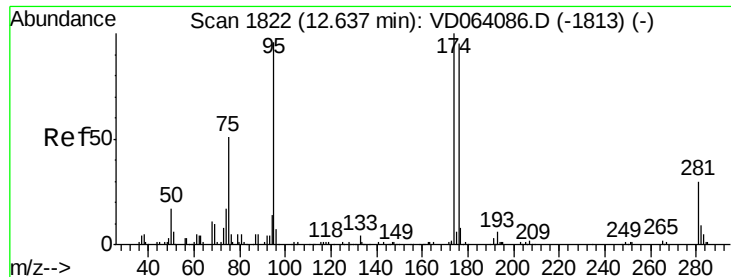
100

50

0

Time-->

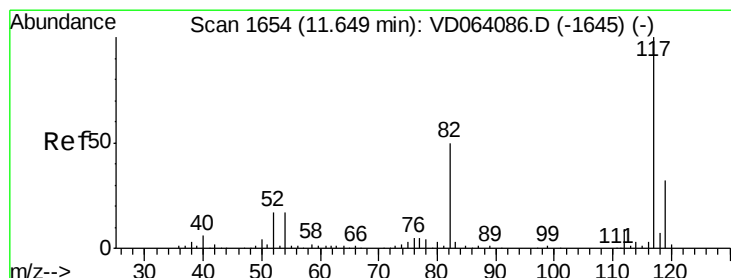
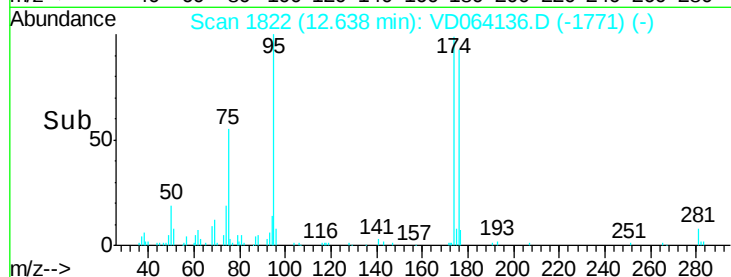
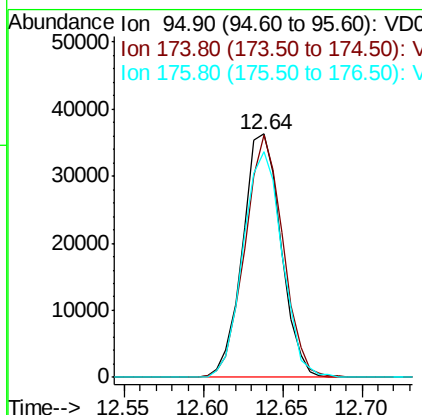
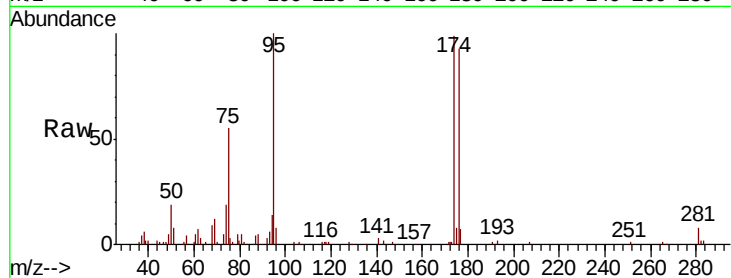




#62
4-Bromofluorobenzene
Concen: 57.552 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

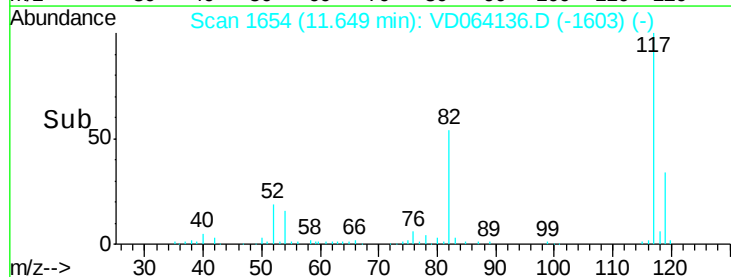
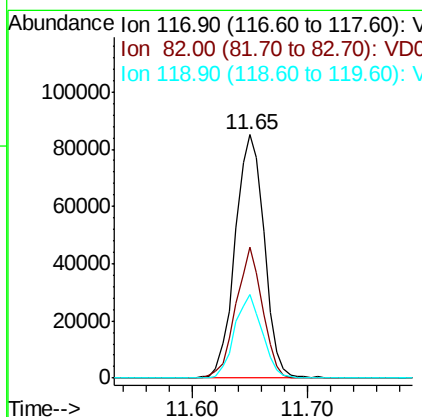
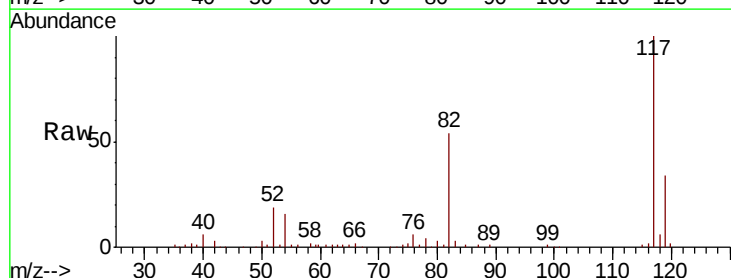
Instrument :
MSVOA_D
ClientSampleId :

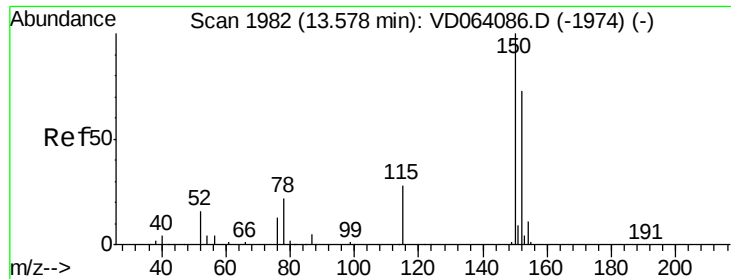
Tot Ion: 95 Resp: 61059
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.6
176 94.4 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

Tgt Ion: 117 Resp: 148352
Ion Ratio Lower Upper
117 100
82 53.6 40.2 60.4
119 34.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

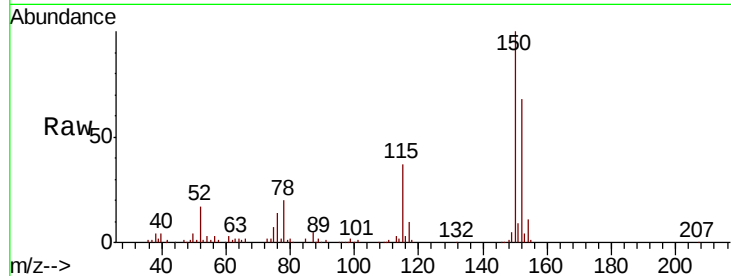
Tot Ion:152 Resp: 79173

Ion Ratio Lower Upper

152 100

115 54.2 26.2 78.6

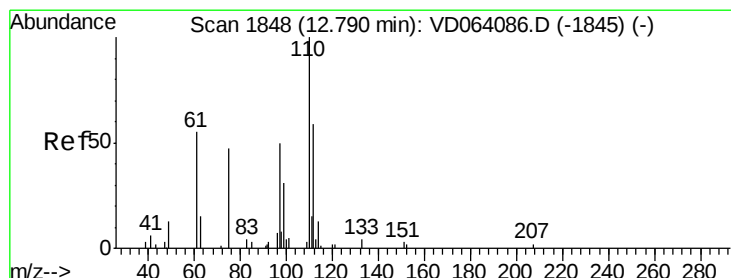
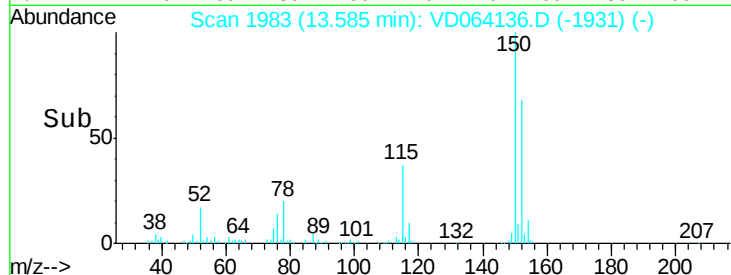
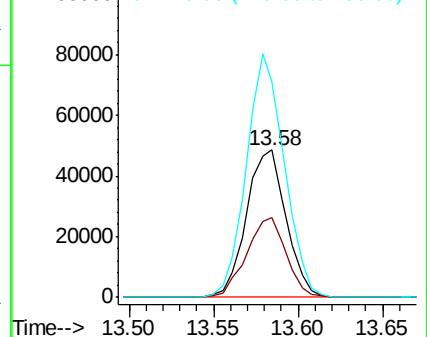
150 158.2 0.0 338.8



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: 59.630 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064136.D

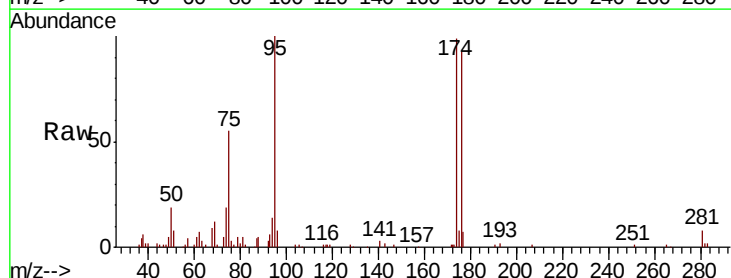
Acq: 31 Oct 2019 16:50

Tgt Ion: 75 Resp: 31723

Ion Ratio Lower Upper

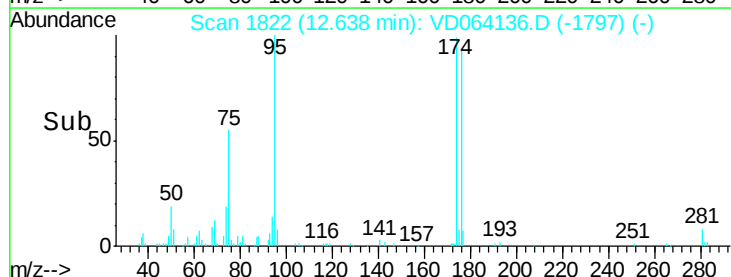
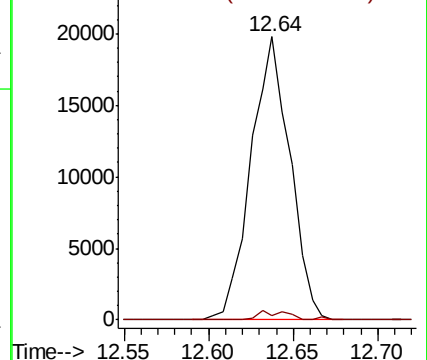
75 100

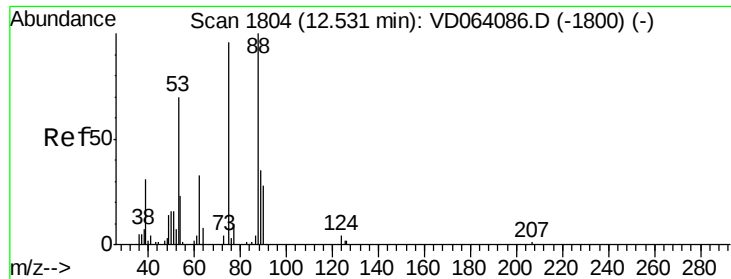
77 2.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 121.780 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

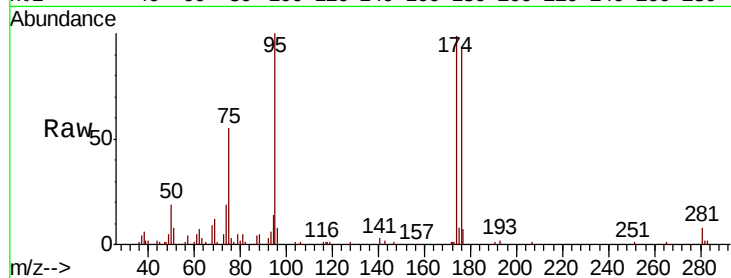
Tot Ion: 75 Resp: 31723

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 36.9 55.3#



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

