

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103119\
 Data File : VD064141.D
 Acq On : 31 Oct 2019 19:12
 Operator : VA/SY
 Sample : K5603-01RE
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:06:34 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

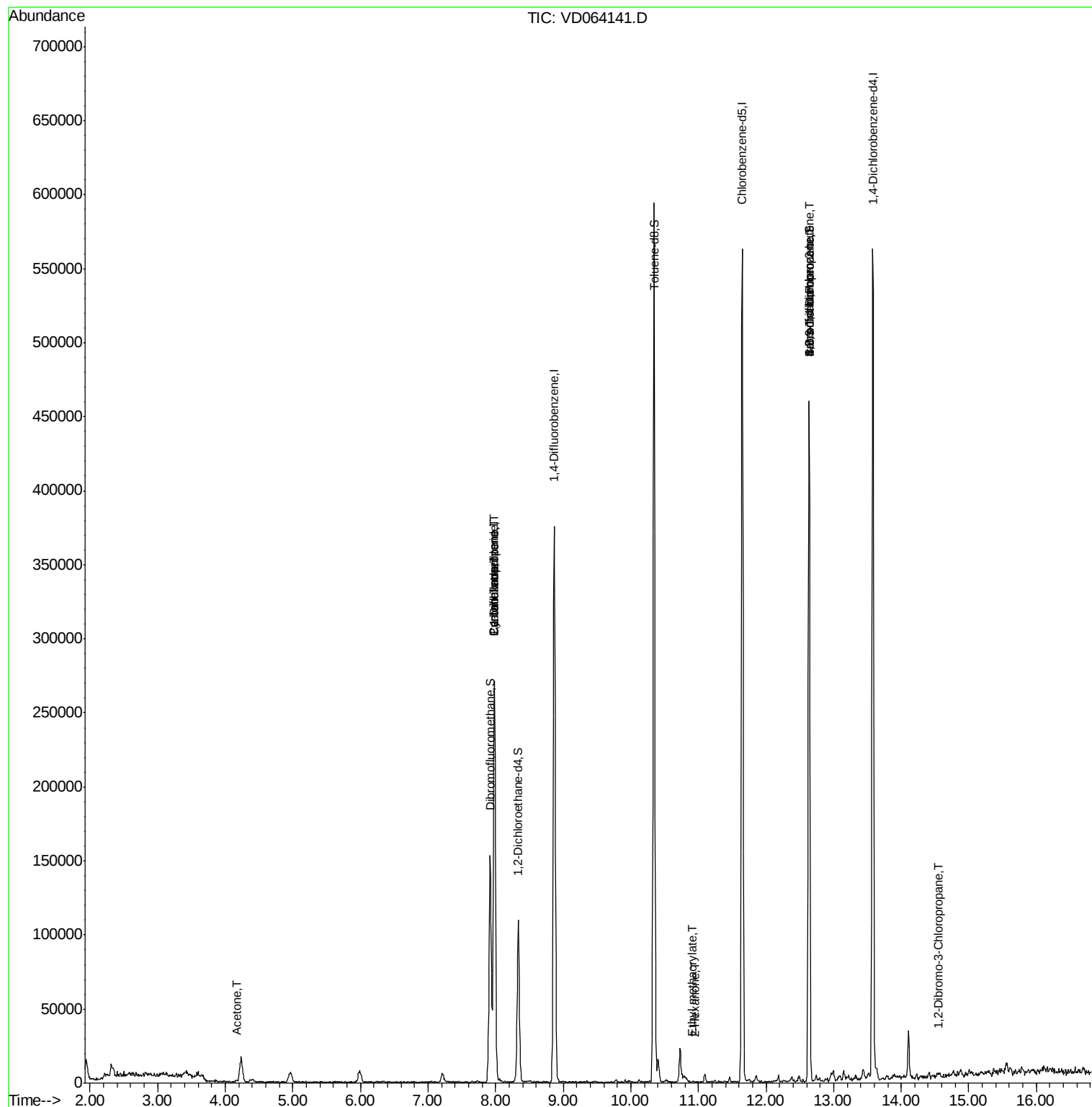
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	210671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	338951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	339002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	84694	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.92	113	103449	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.34	98	405889	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.64	95	130953	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	789	2.475	ug/l #	61
20) Methylene Chloride	4.97	84	5413	Below Cal	#	77
31) Cyclohexane	7.98	56	4145	1.330	ug/l #	43
36) 1,1-Dichloropropene	7.98	75	14932	4.701	ug/l #	47
38) Carbon Tetrachloride	7.98	117	19657	5.673	ug/l #	18
56) Ethyl methacrylate	10.91	69	91	3.060	ug/l #	43
59) 2-Hexanone	10.94	43	92	9.119	ug/l #	22
71) Bromoform	12.64	173	1530	1.093	ug/l #	28
76) 1,2,3-Trichloropropane	12.64	75	69659	64.180	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	69659	131.072	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.55	75	344	1.331	ug/l #	1

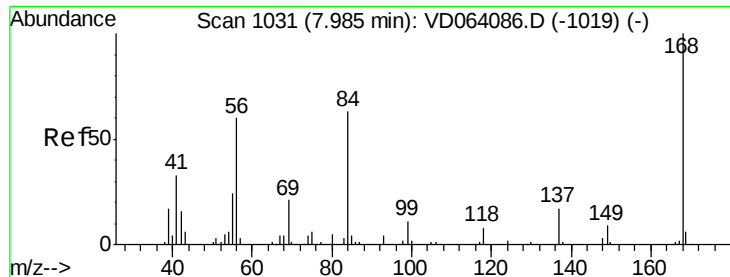
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103119\
Data File : VD064141.D
Acq On : 31 Oct 2019 19:12
Operator : VA/SY
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Misc : 5.07G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 01 06:06:34 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: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

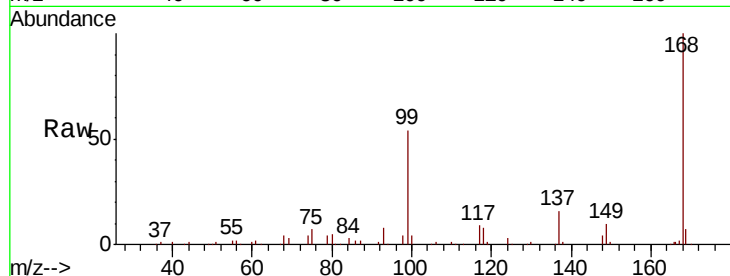
ClientSampleId :

Tot Ion:168 Resp: 210671

Ion Ratio Lower Upper

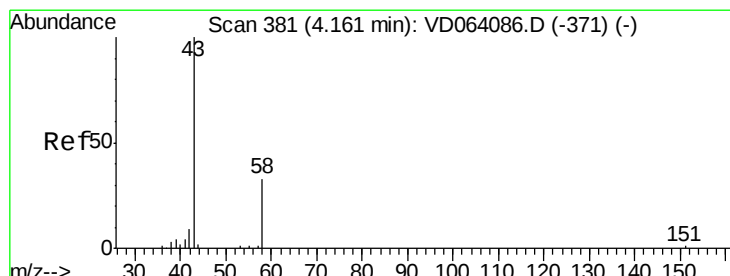
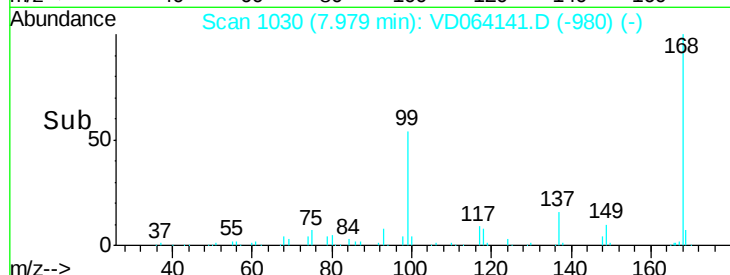
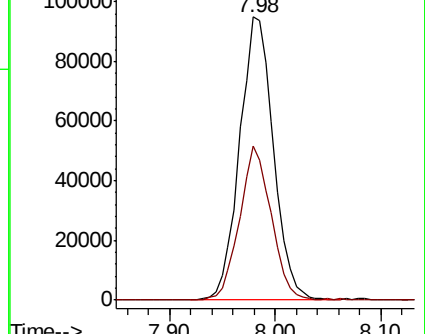
168 100

99 54.3 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: 2.475 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD064141.D

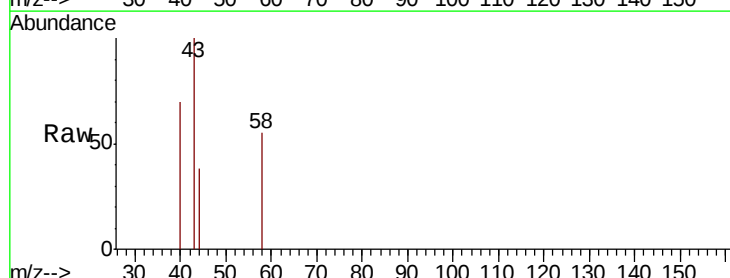
Acq: 31 Oct 2019 19:12

Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

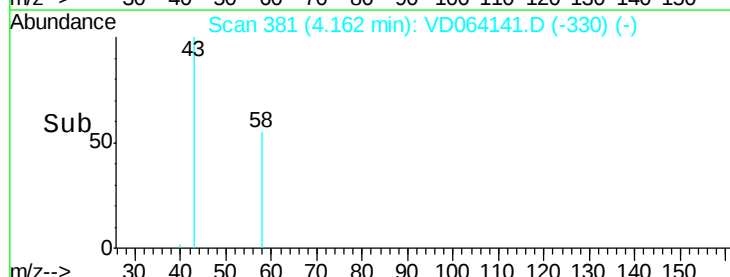
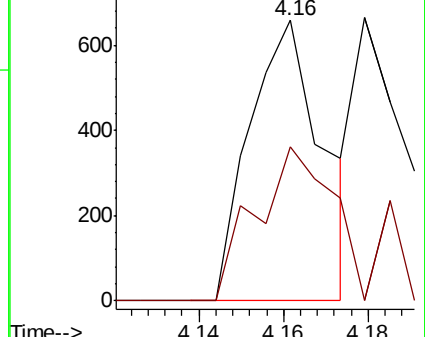
43 100

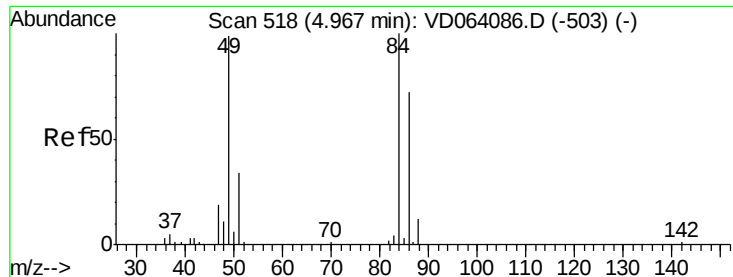
58 55.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

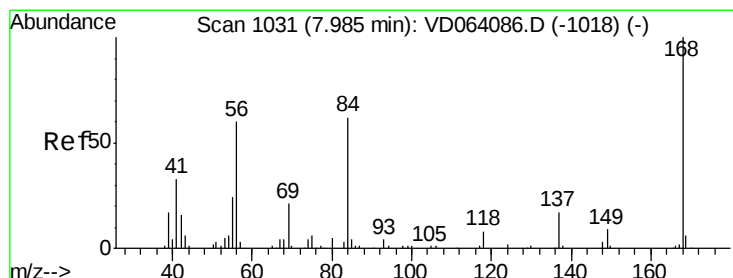
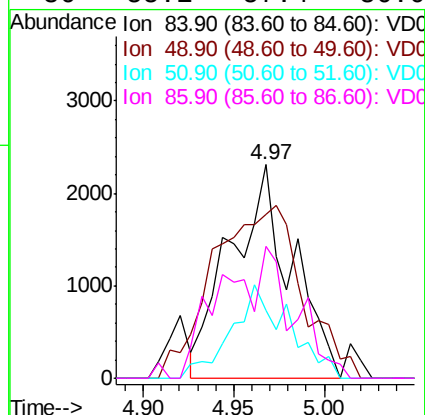
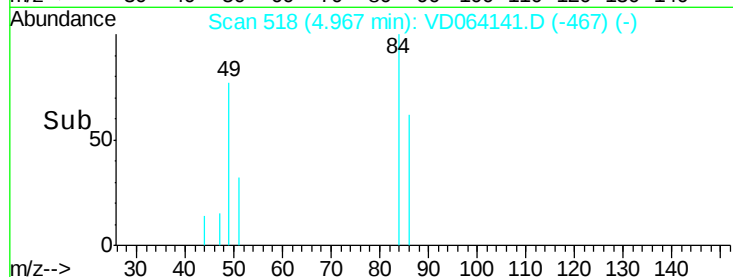
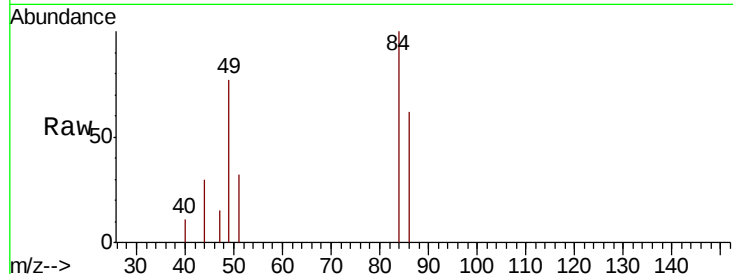




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD064141.D
Acq: 31 Oct 2019 19:12

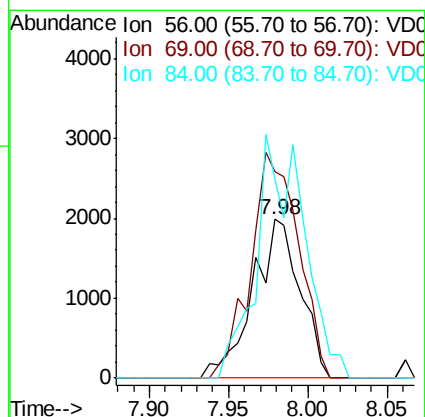
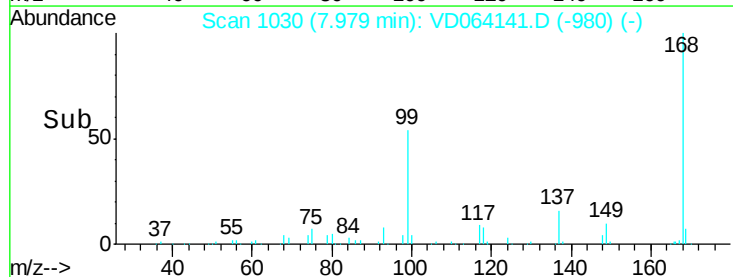
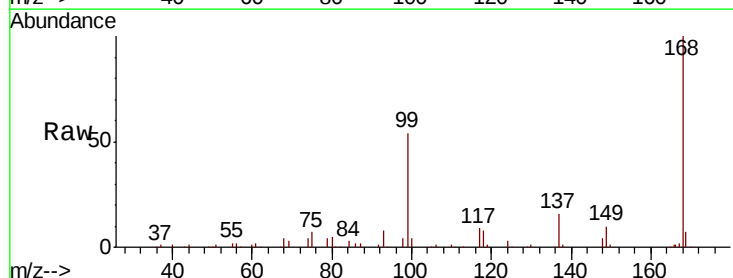
Instrument :
MSVOA_D
ClientSampleId :

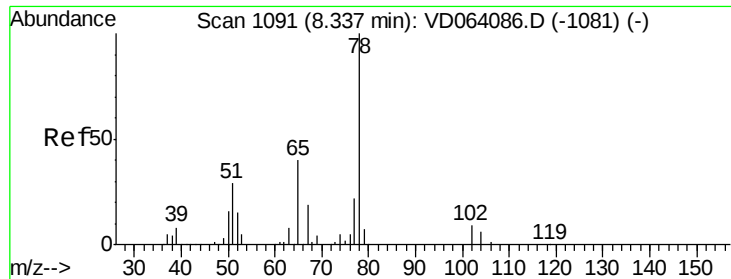
Tot Ion: 84 Resp: 5413
Ion Ratio Lower Upper
84 100
49 67.6 79.4 119.0#
51 31.7 27.4 41.2
86 55.1 57.4 86.0#



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064141.D
Acq: 31 Oct 2019 19:12

Tgt Ion: 56 Resp: 4145
Ion Ratio Lower Upper
56 100
69 129.8 27.7 41.5#
84 125.1 83.1 124.7#





#33

1,2-Dichloroethane-d4

Concen: 50.549 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

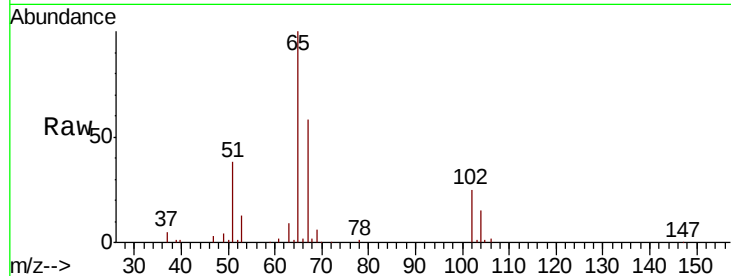
ClientSampleId :

Tot Ion: 65 Resp: 84694

Ion Ratio Lower Upper

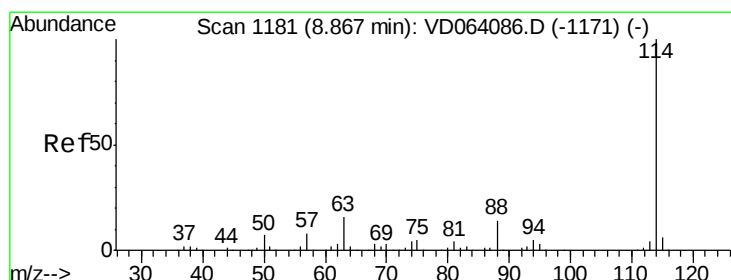
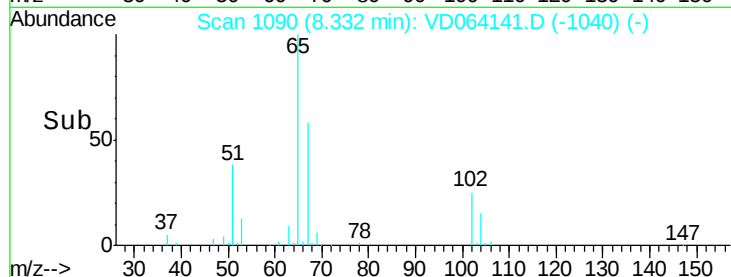
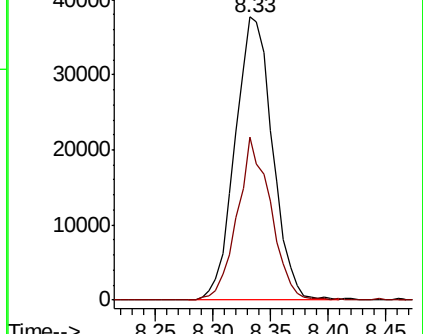
65 100

67 51.7 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: VD064141.D

Acq: 31 Oct 2019 19:12

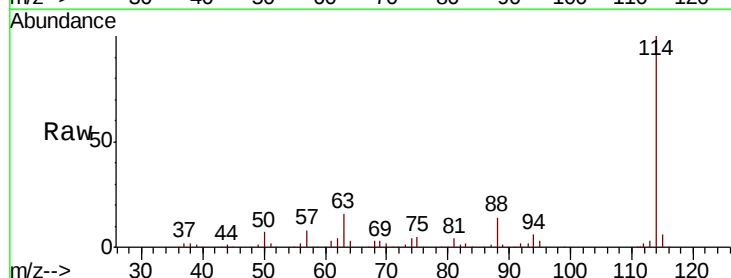
Tgt Ion: 114 Resp: 338951

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.8

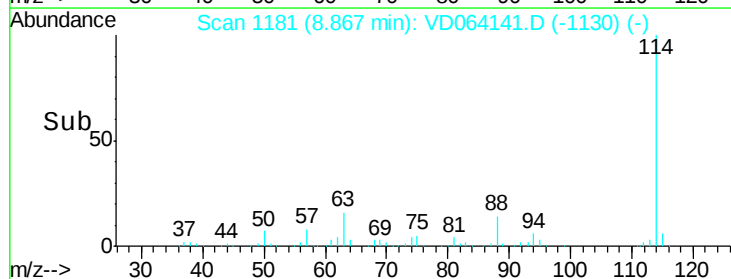
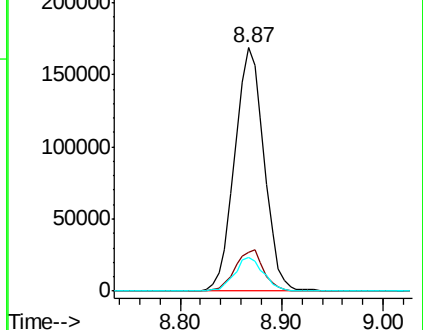
88 14.1 0.0 27.6

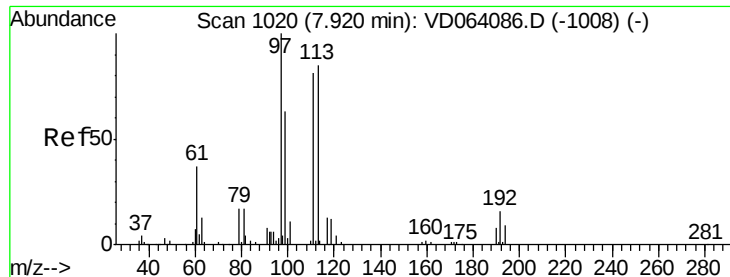


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

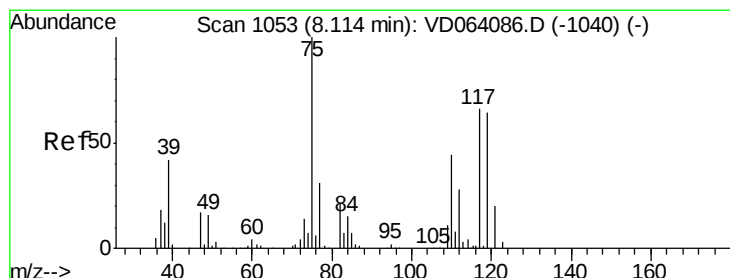
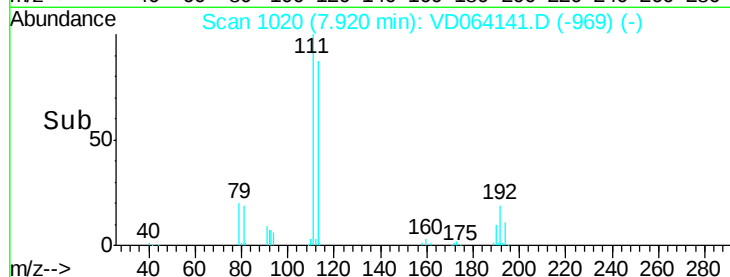
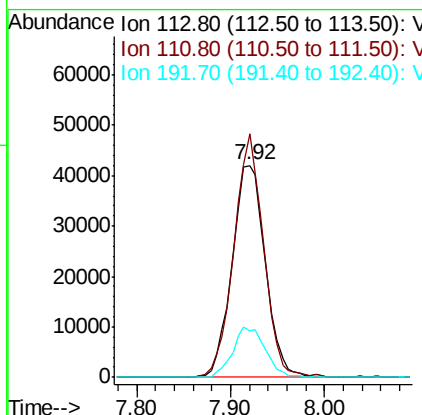
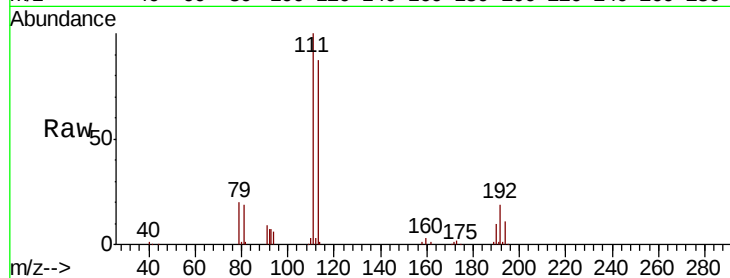




#35
 Dibromofluoromethane
 Concen: 49.608 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064141.D
 Acq: 31 Oct 2019 19:12

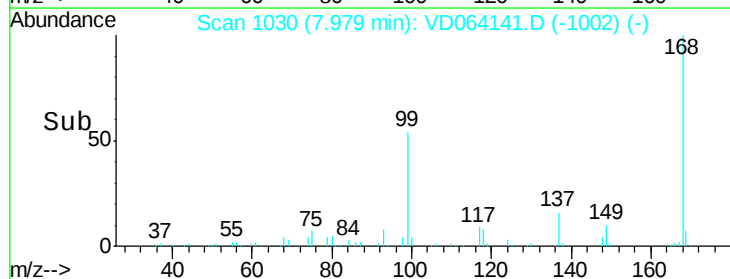
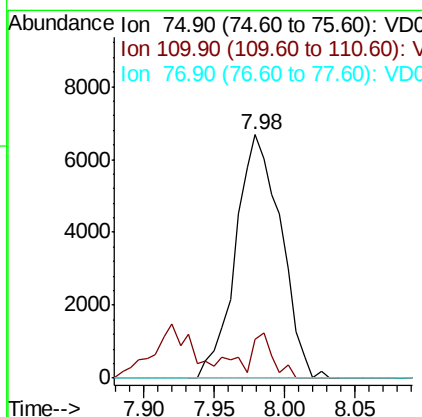
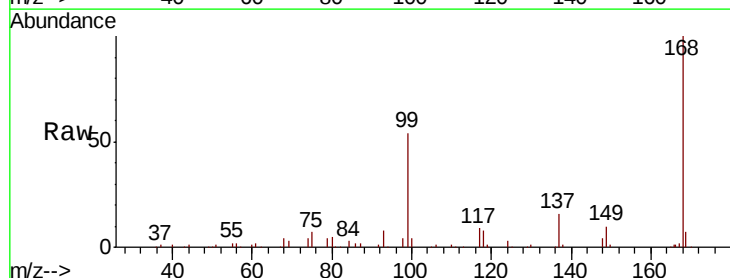
Instrument :
 MSVOA_D
 ClientSampleId :

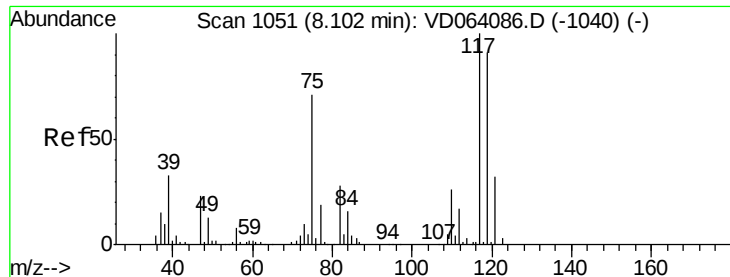
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.3	118.9
192	23.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.701 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064141.D
 Acq: 31 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	20.0	59.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.673 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

ClientSampleId :

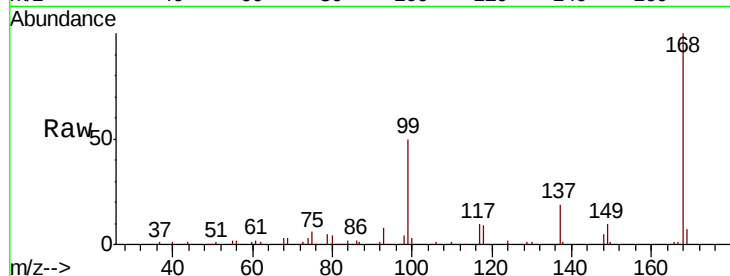
Tot Ion:117 Resp: 19657

Ion Ratio Lower Upper

117 100

119 4.6 72.6 108.8#

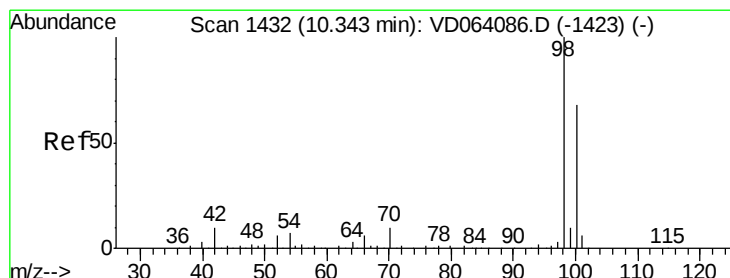
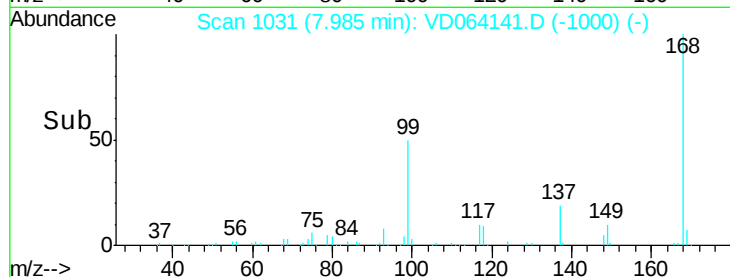
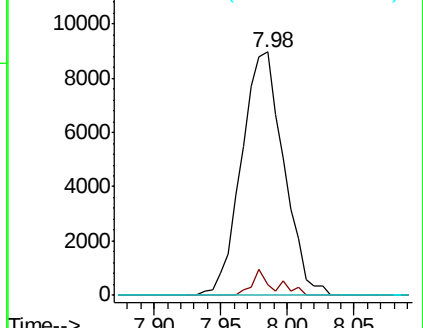
121 0.0 25.8 38.6#



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: 48.670 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064141.D

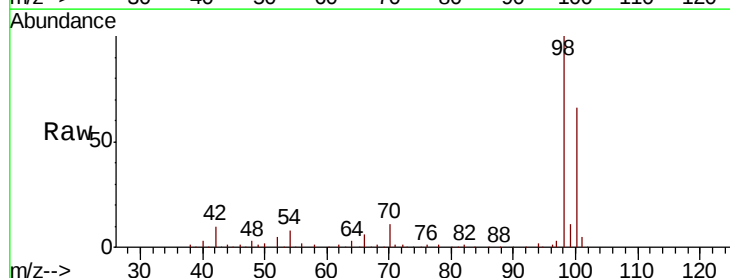
Acq: 31 Oct 2019 19:12

Tgt Ion: 98 Resp: 405889

Ion Ratio Lower Upper

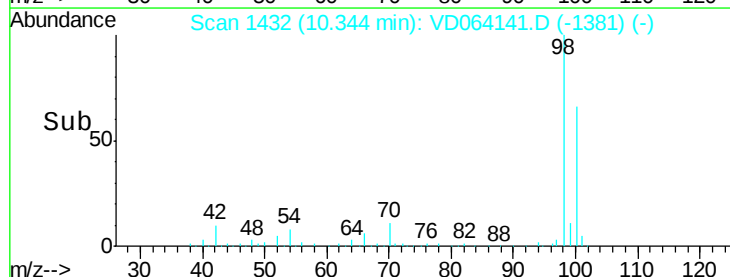
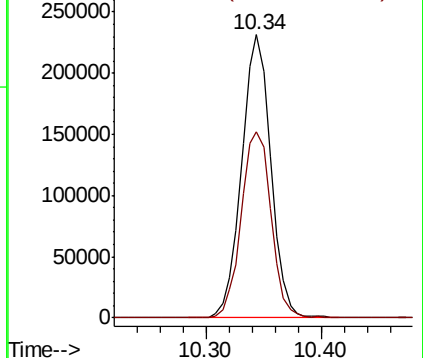
98 100

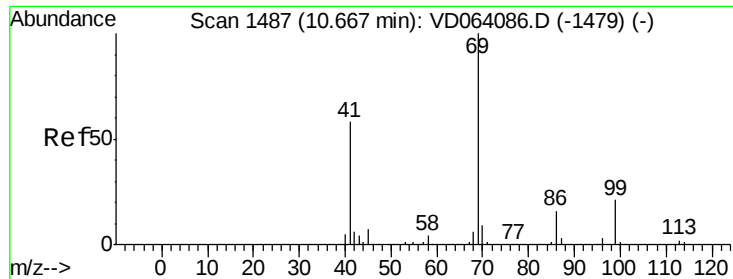
100 67.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#56

Ethyl methacrylate

Concen: 3.060 ug/l

RT: 10.91 min Scan# 1528

Delta R.T. 0.24 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

ClientSampleId :

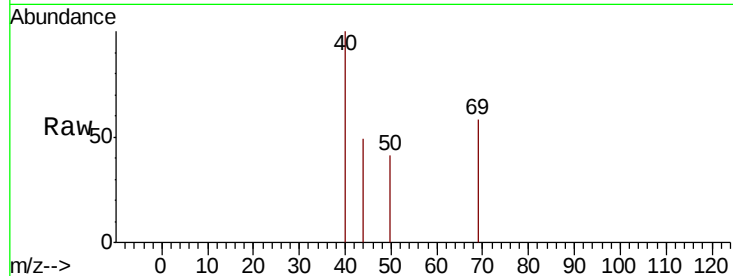
Tot Ion: 69 Resp: 91

Ion Ratio Lower Upper

69 100

41 100.0 46.9 70.3#

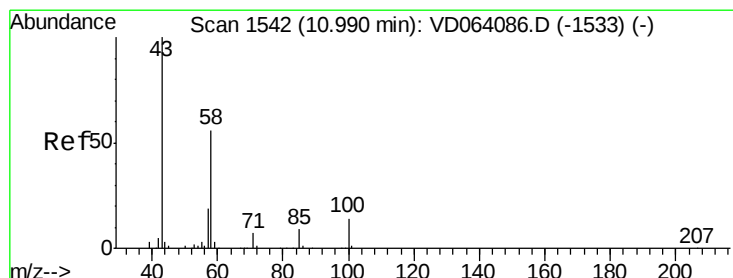
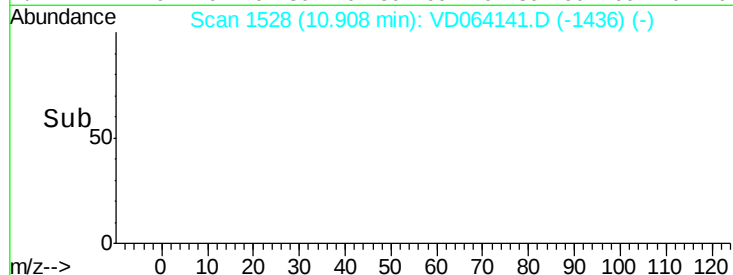
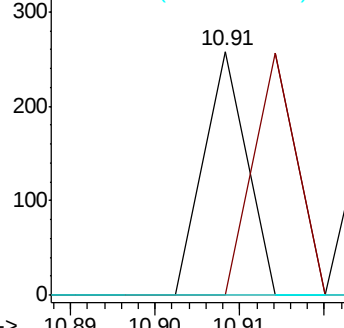
39 0.0 27.3 40.9#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC



#59

2-Hexanone

Concen: 9.119 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.05 min

Lab File: VD064141.D

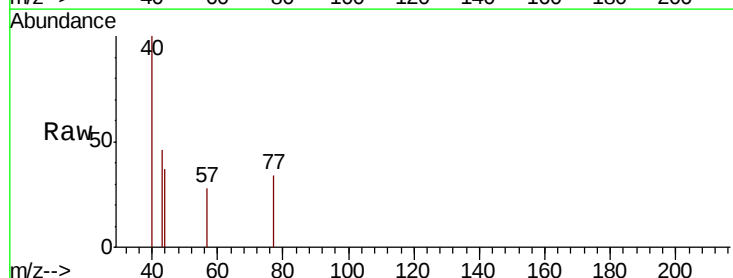
Acq: 31 Oct 2019 19:12

Tgt Ion: 43 Resp: 92

Ion Ratio Lower Upper

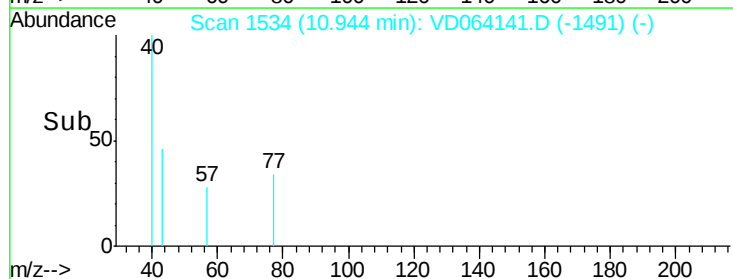
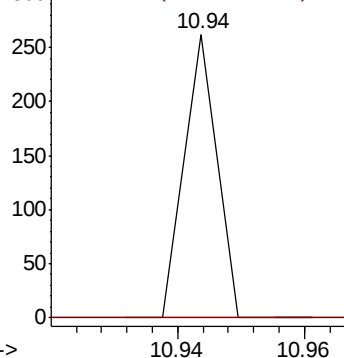
43 100

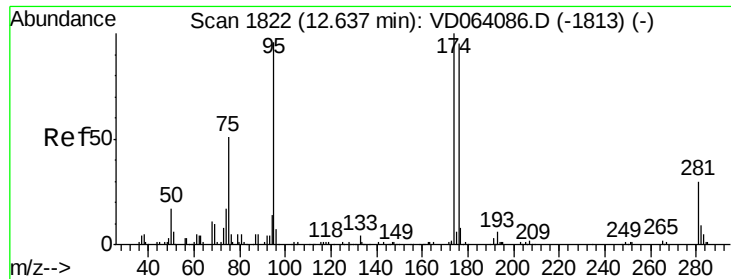
58 0.0 29.2 87.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

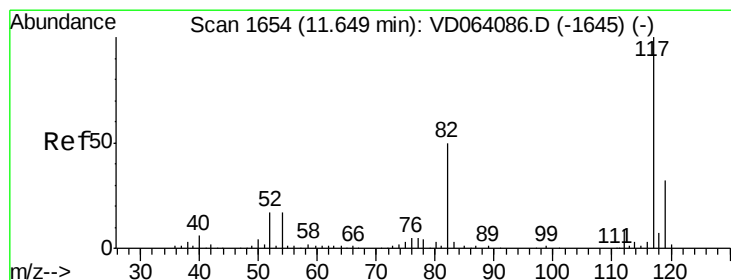
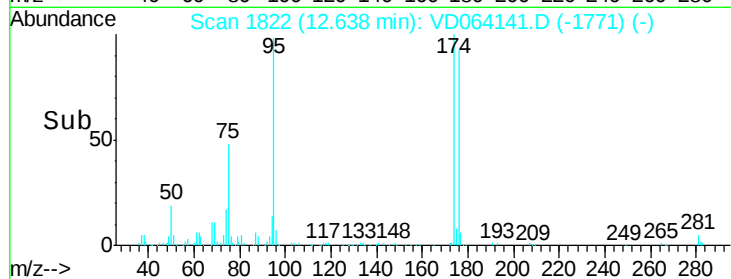
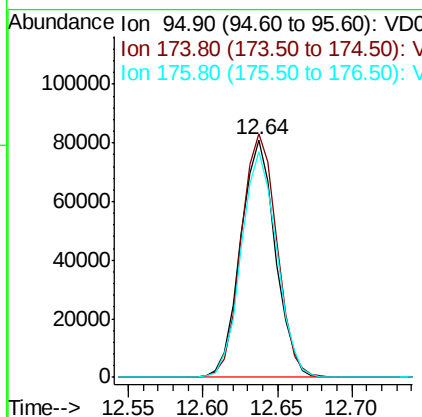
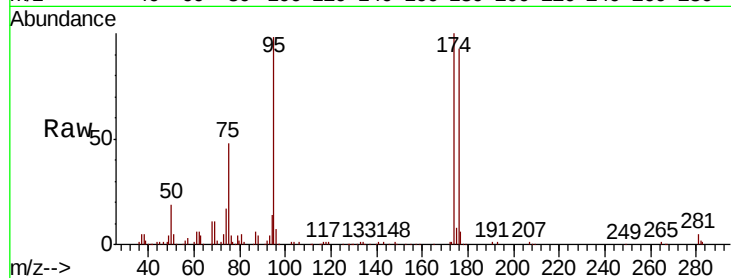




#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064141.D
Acq: 31 Oct 2019 19:12

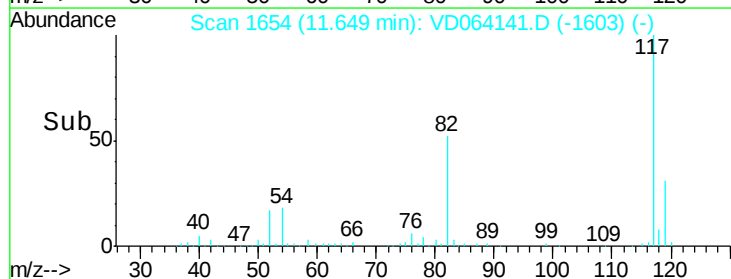
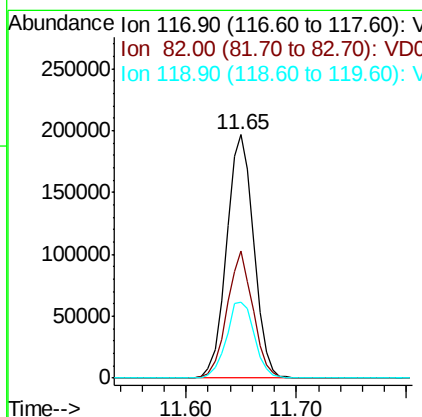
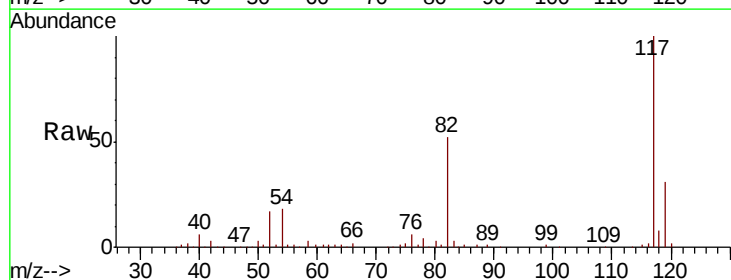
Instrument :
MSVOA_D
ClientSampleId :

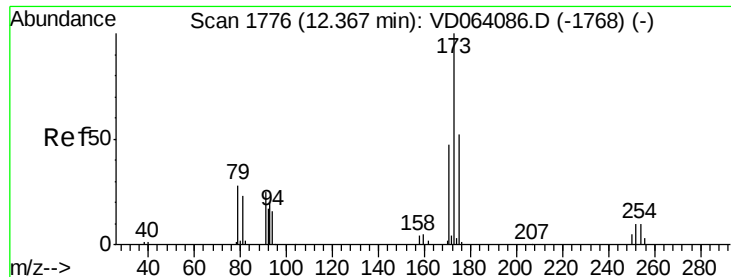
Tot Ion: 95 Resp: 130953
Ion Ratio Lower Upper
95 100
174 104.2 0.0 201.6
176 97.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064141.D
Acq: 31 Oct 2019 19:12

Tgt Ion: 117 Resp: 339002
Ion Ratio Lower Upper
117 100
82 52.2 40.2 60.4
119 31.3 26.0 39.0





#71

Bromoform

Concen: 1.093 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

ClientSampled :

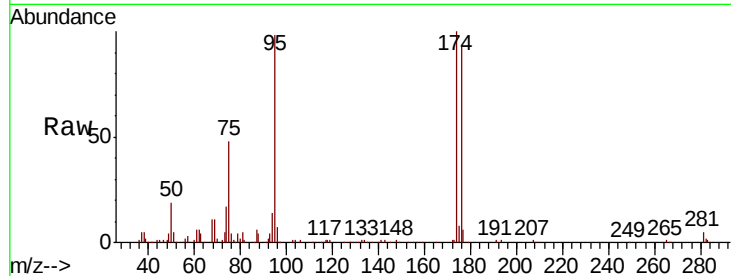
Tot Ion:173 Resp: 1530

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.9#

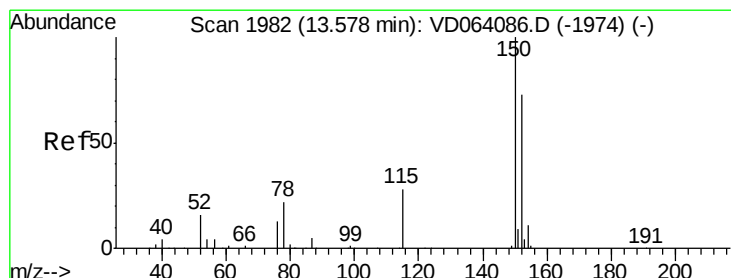
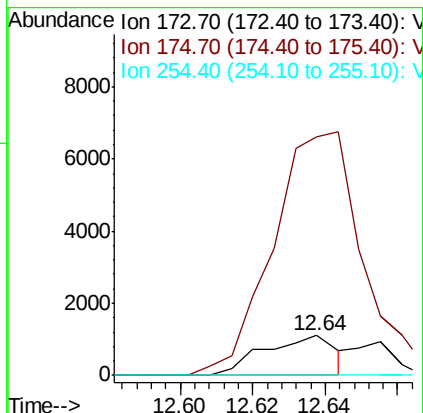
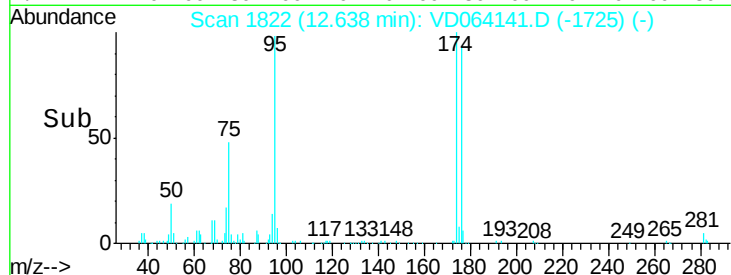
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

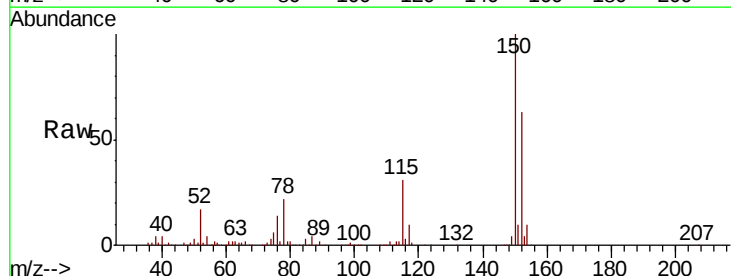
Tgt Ion:152 Resp: 161527

Ion Ratio Lower Upper

152 100

115 51.1 26.2 78.6

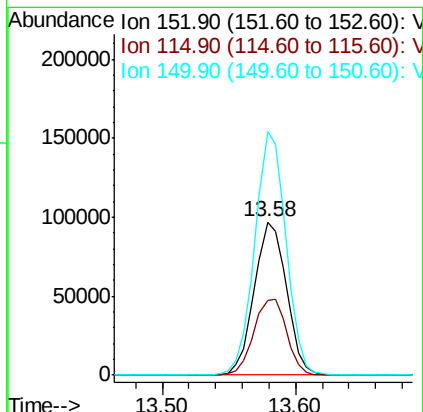
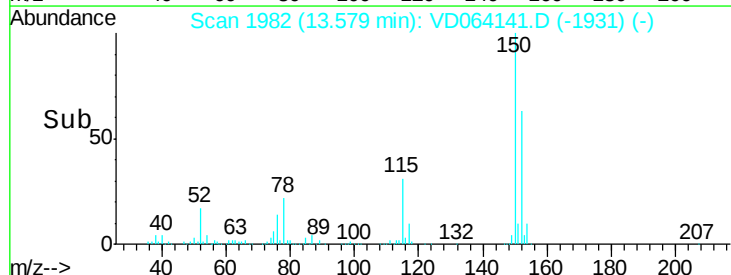
150 153.5 0.0 338.8

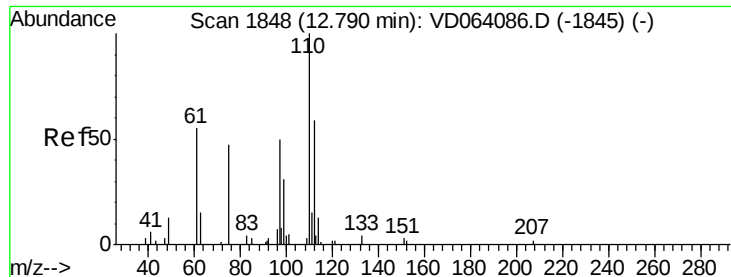


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 64.180 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

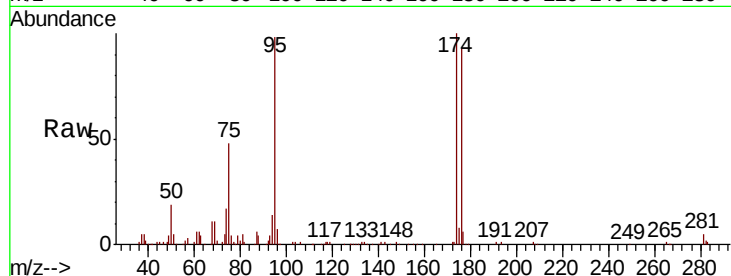
ClientSampleId :

Tot Ion: 75 Resp: 69659

Ion Ratio Lower Upper

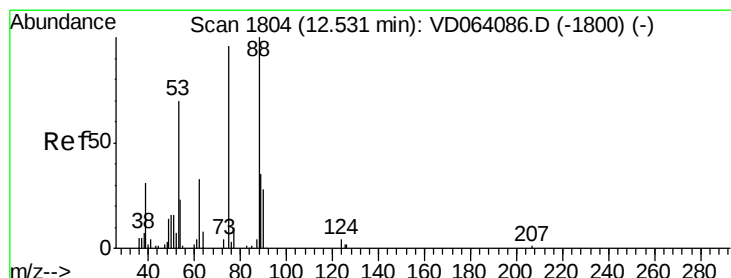
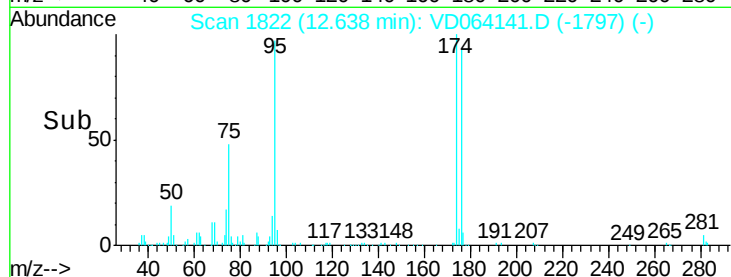
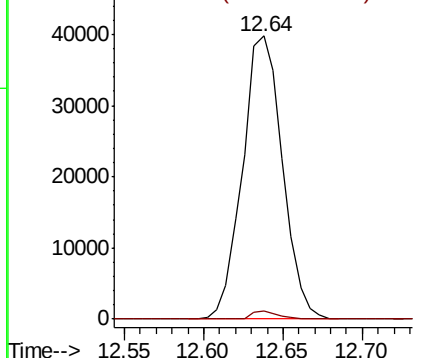
75 100

77 1.8 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: 131.072 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

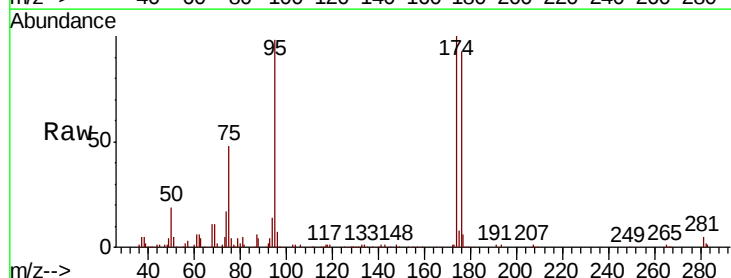
Tgt Ion: 75 Resp: 69659

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

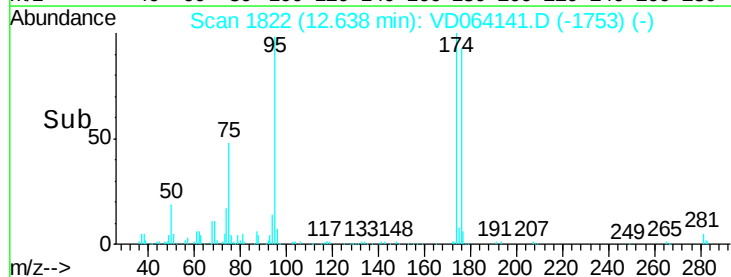
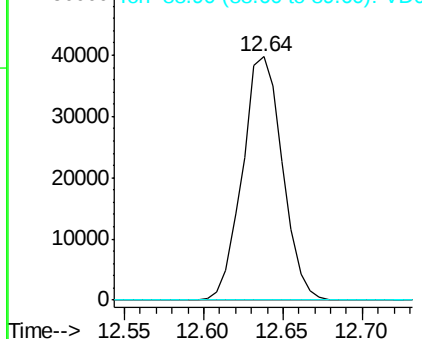
89 0.0 36.9 55.3#

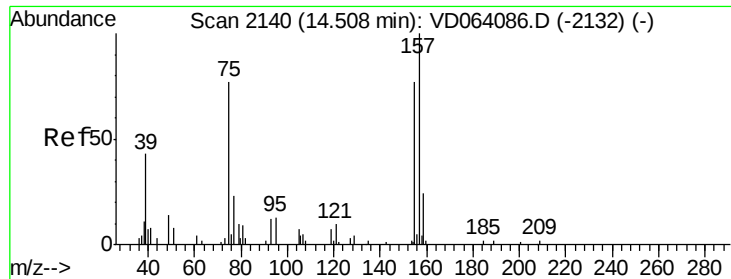


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

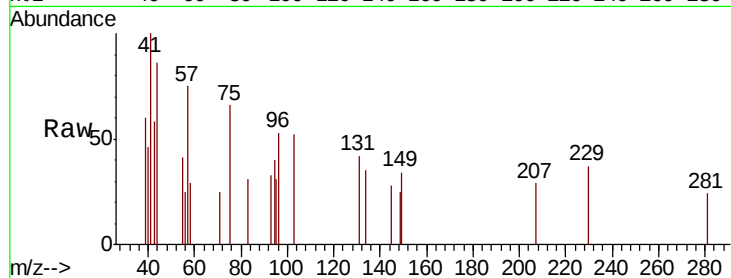




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.331 ug/l
 RT: 14.55 min Scan# 2147
 Delta R.T. 0.04 min
 Lab File: VD064141.D
 Acq: 31 Oct 2019 19:12

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 344
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.3 168.9#
 157 0.0 72.2 216.6#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

