

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103119\
 Data File : VD064132.D
 Acq On : 31 Oct 2019 14:56
 Operator : VA/SY
 Sample : K5614-01
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:04:49 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	137164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	229554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	234348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122876	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	67250	61.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.30%	
35) Dibromofluoromethane	7.92	113	74892	53.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.06%	
50) Toluene-d8	10.34	98	277441	49.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.64	95	94323	50.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.74%	

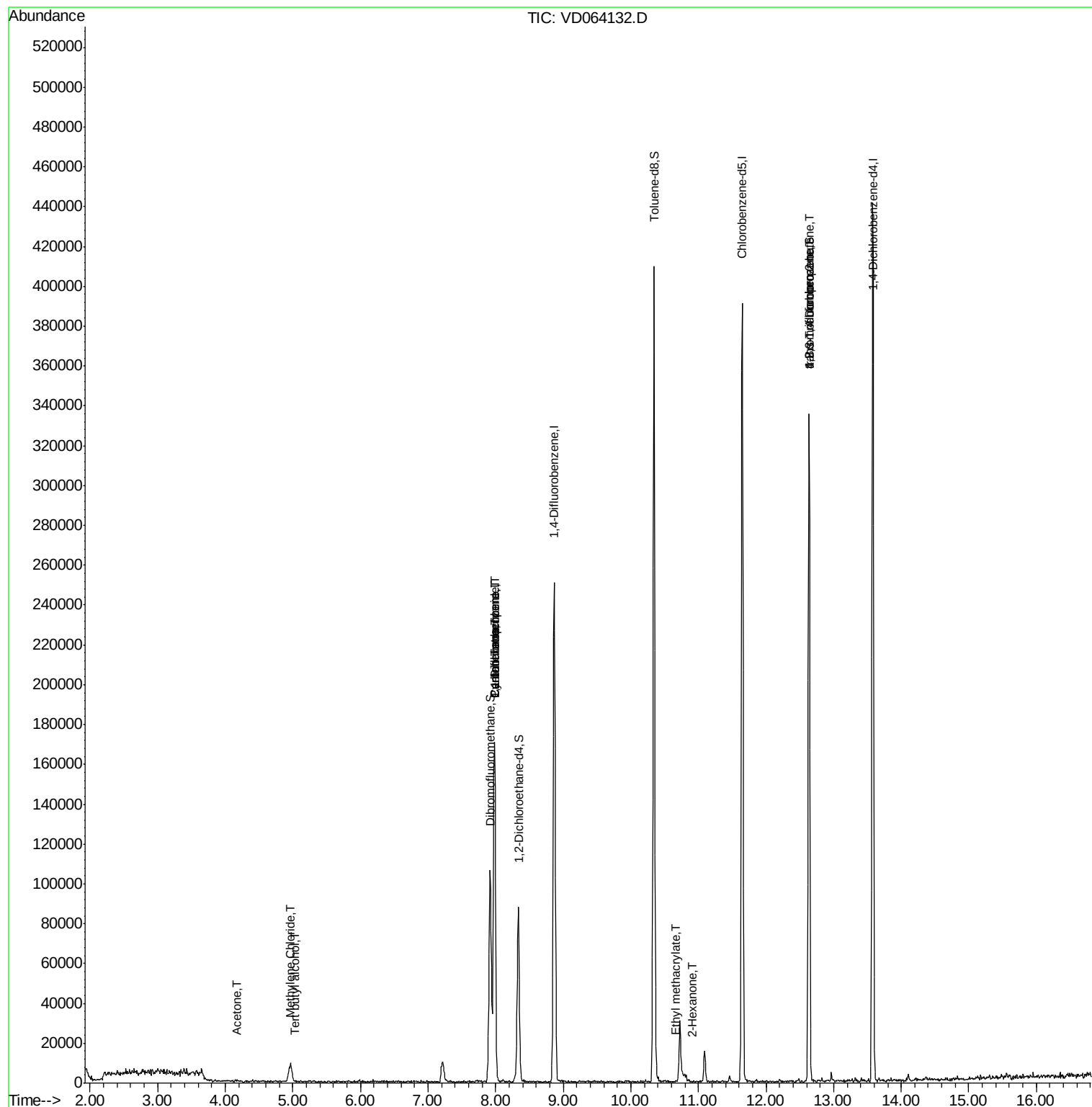
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.04	59	70	7.278	ug/l #	71
16) Acetone	4.17	43	737	3.551	ug/l #	42
20) Methylene Chloride	4.97	84	8139	2.243	ug/l #	69
31) Cyclohexane	7.98	56	2549	1.256	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	9459	4.398	ug/l #	46
38) Carbon Tetrachloride	7.98	117	14243	6.069	ug/l #	17
56) Ethyl methacrylate	10.67	69	65	3.062	ug/l #	1
59) 2-Hexanone	10.90	43	56	9.109	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	46920	56.827	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	46920	116.056	ug/l #	15

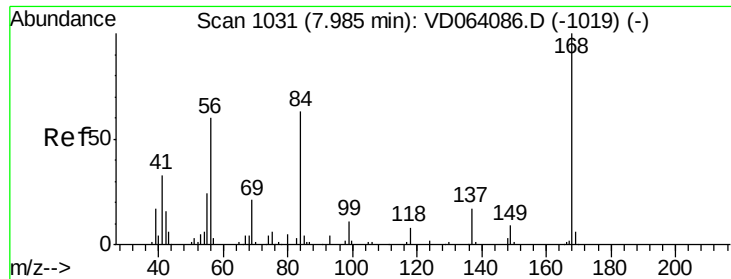
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103119\
Data File : VD064132.D
Acq On : 31 Oct 2019 14:56
Operator : VA/SY
Sample : K5614-01
Misc : 1.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 01 06:04:49 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# 1031

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

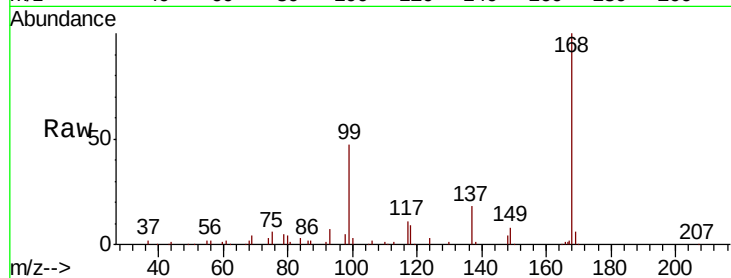
ClientSampleId :

Tot Ion:168 Resp: 137164

Ion Ratio Lower Upper

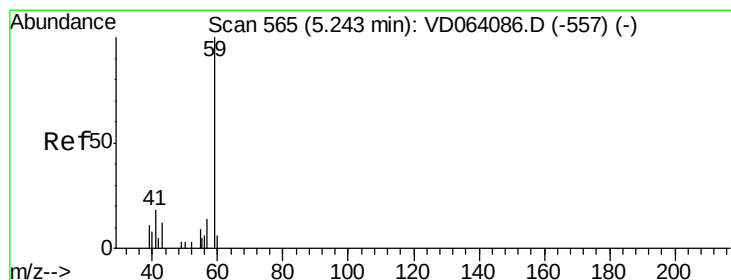
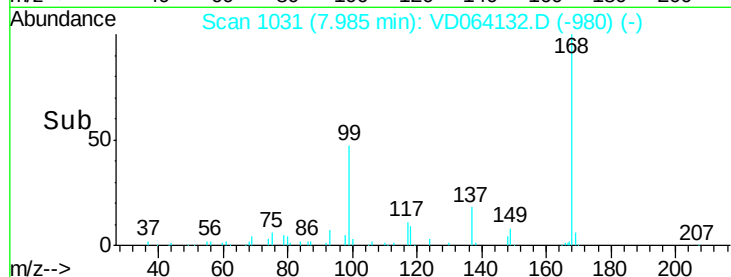
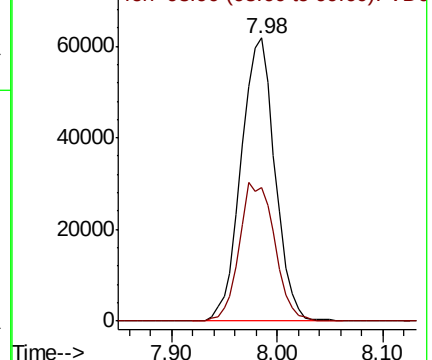
168 100

99 47.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 7.278 ug/l

RT: 5.04 min Scan# 530

Delta R.T. -0.20 min

Lab File: VD064132.D

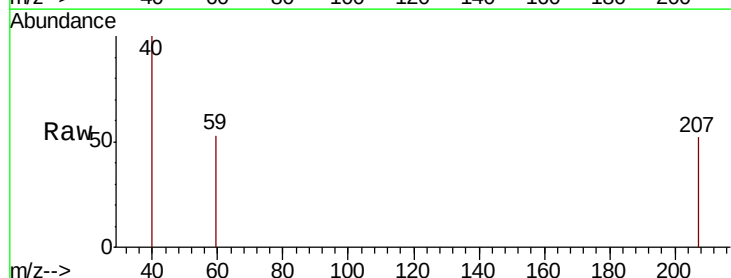
Acq: 31 Oct 2019 14:56

Tgt Ion: 59 Resp: 70

Ion Ratio Lower Upper

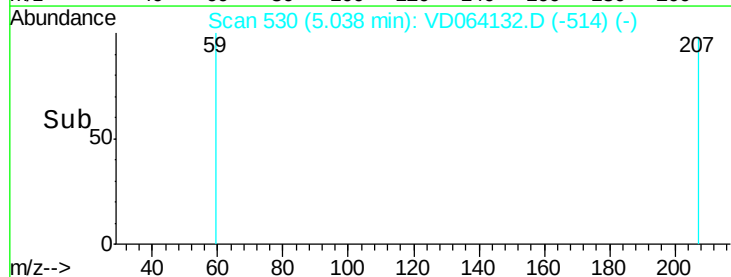
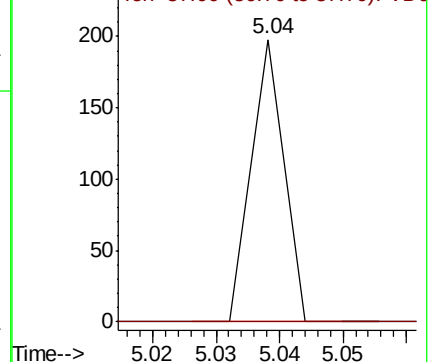
59 100

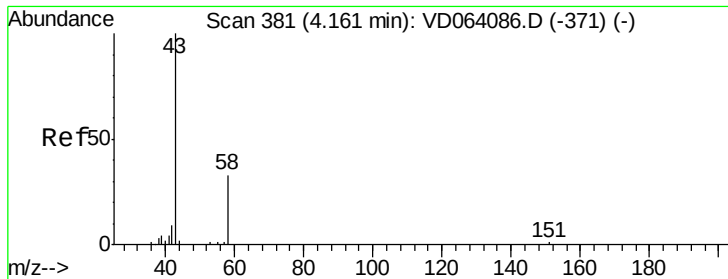
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 3.551 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

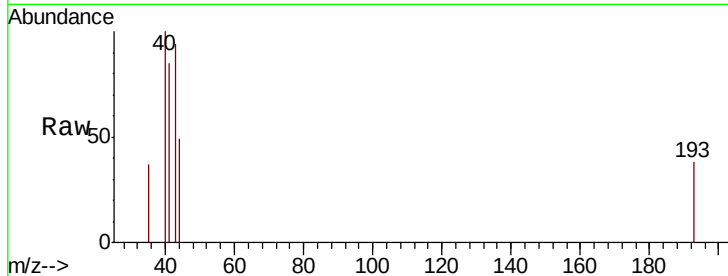
ClientSampleId :

Tot Ion: 43 Resp: 737

Ion Ratio Lower Upper

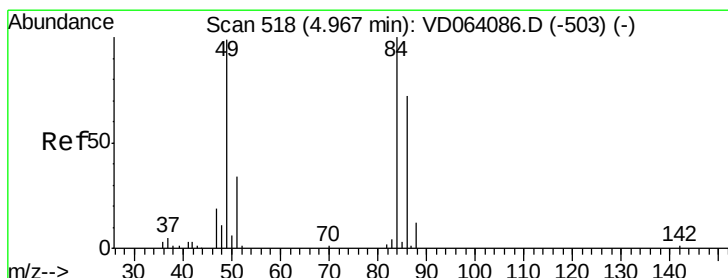
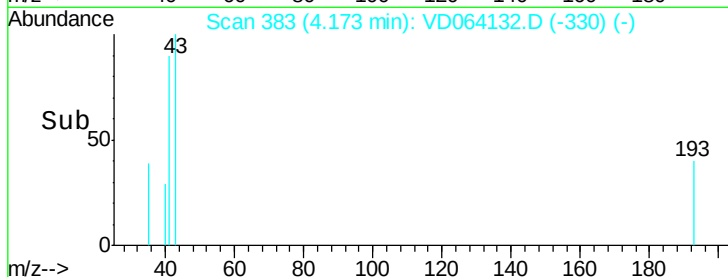
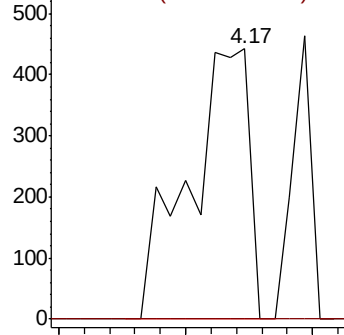
43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 2.243 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Tgt Ion: 84 Resp: 8139

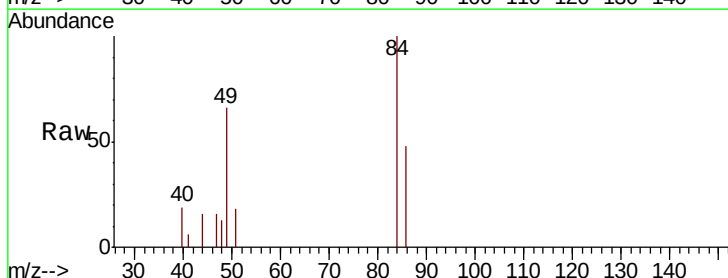
Ion Ratio Lower Upper

84 100

49 65.8 79.4 119.0#

51 17.6 27.4 41.2#

86 48.2 57.4 86.0#

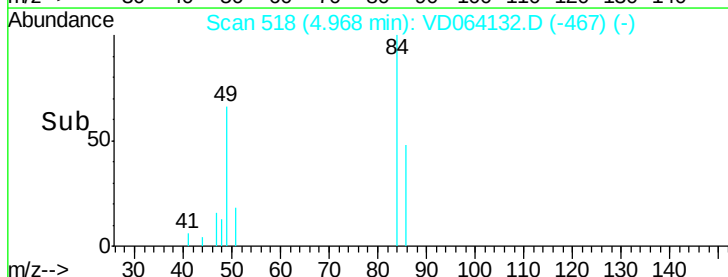
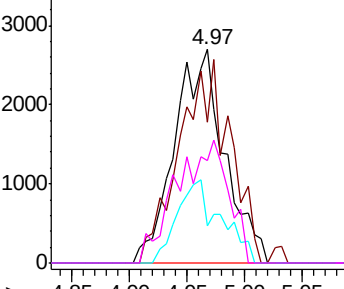


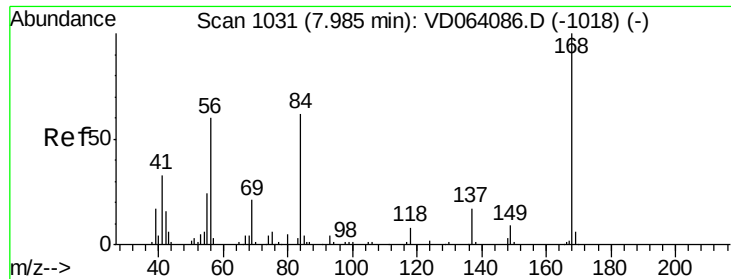
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

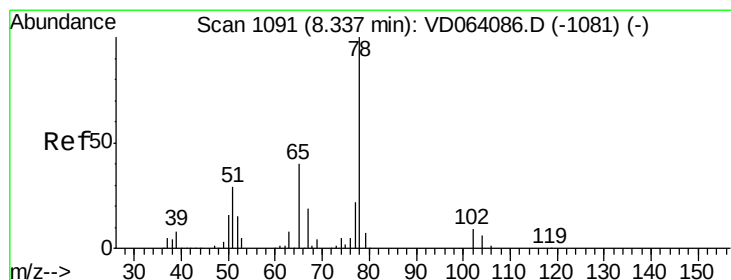
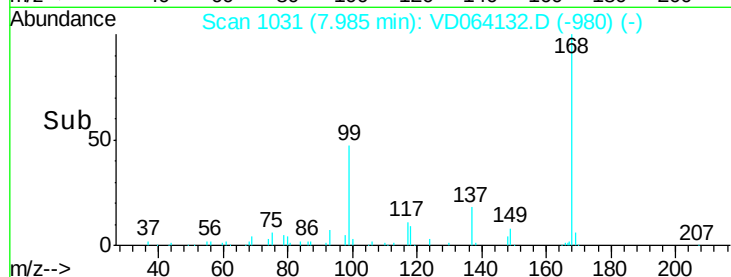
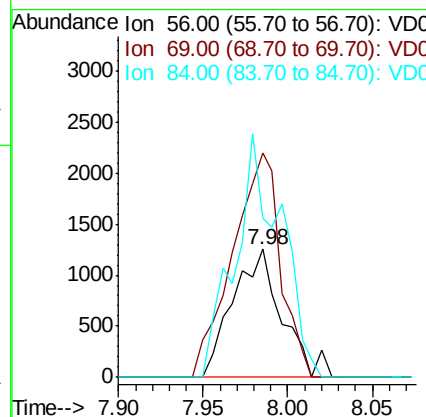
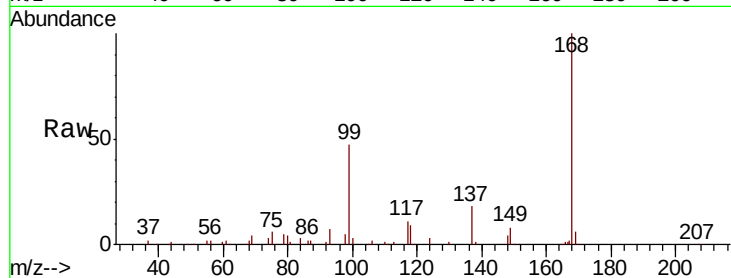




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

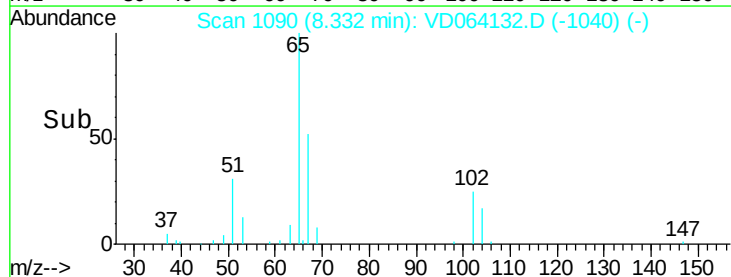
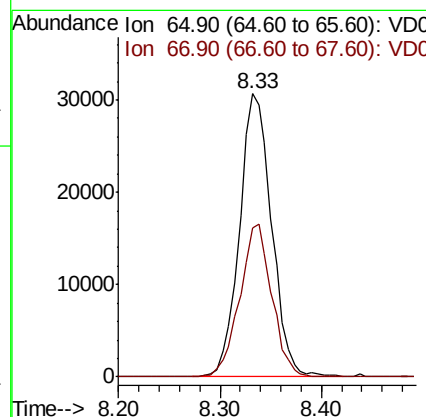
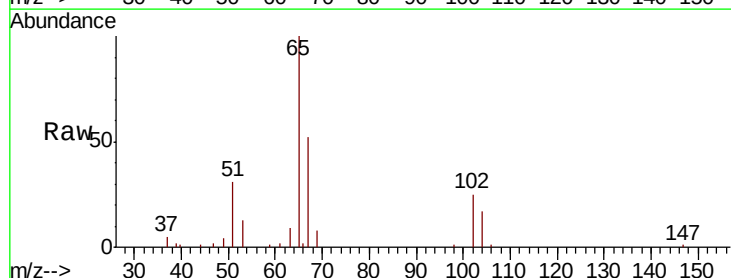
Instrument :
MSVOA_D
ClientSampled :

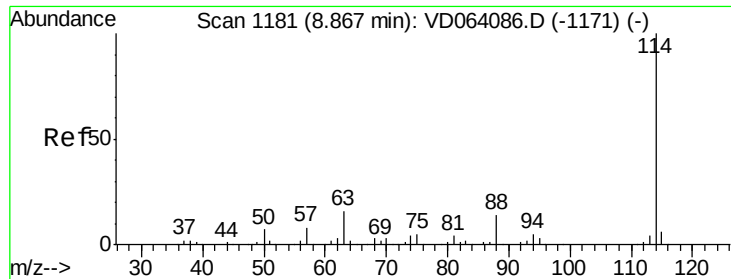
Tot Ion: 56 Resp: 2549
Ion Ratio Lower Upper
56 100
69 175.7 27.7 41.5#
84 124.5 83.1 124.7



#33
1,2-Dichloroethane-d4
Concen: 61.648 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Tgt Ion: 65 Resp: 67250
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

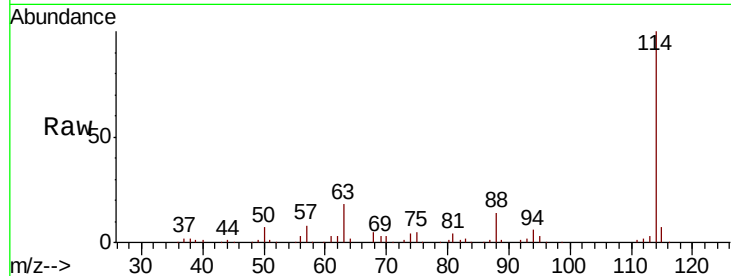
Tot Ion:114 Resp: 229554

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.8

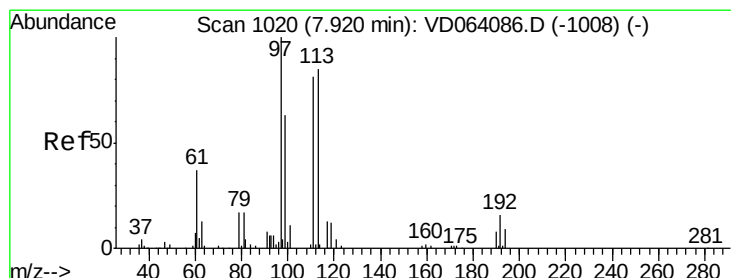
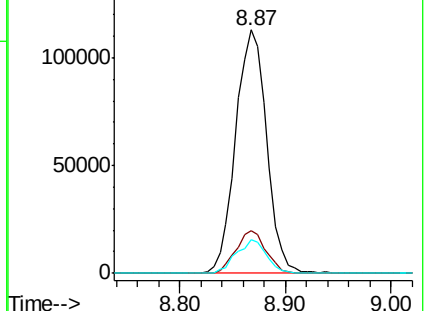
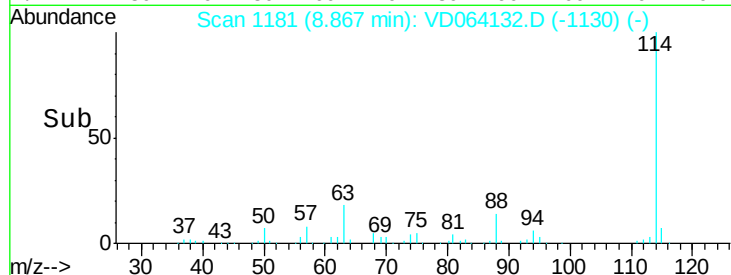
88 13.6 0.0 27.6



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: 53.029 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

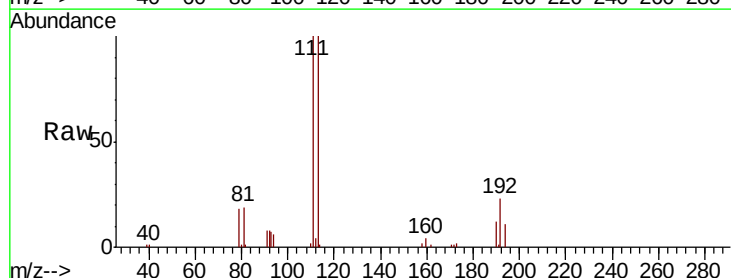
Tgt Ion:113 Resp: 74892

Ion Ratio Lower Upper

113 100

111 102.5 79.3 118.9

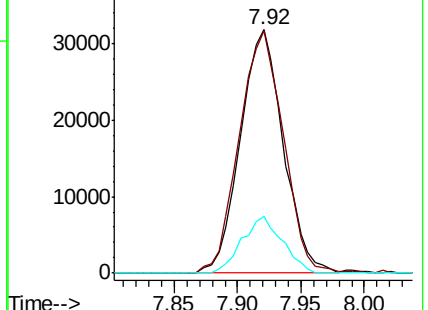
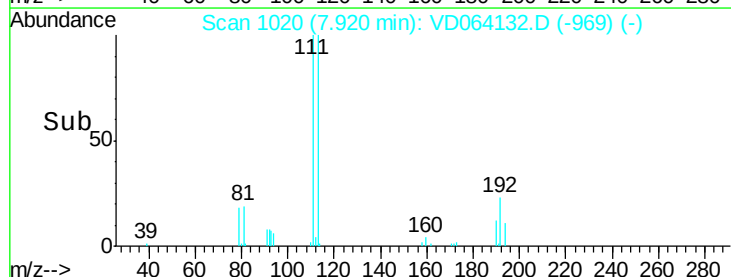
192 21.7 16.2 24.2

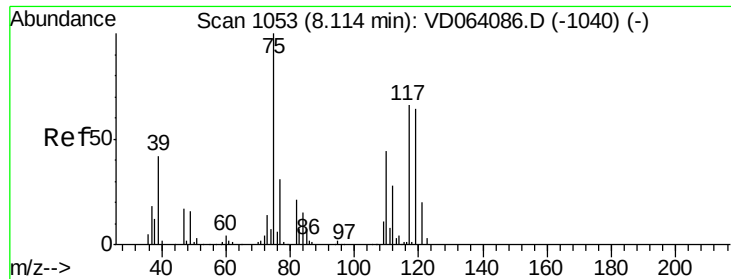


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

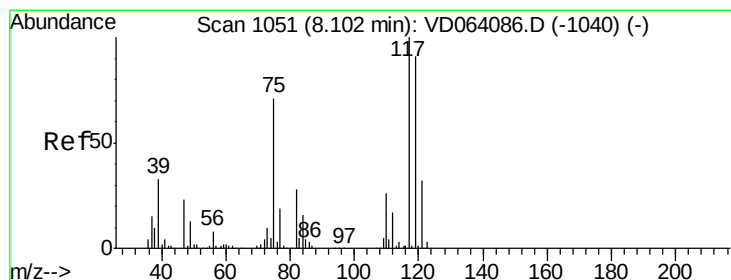
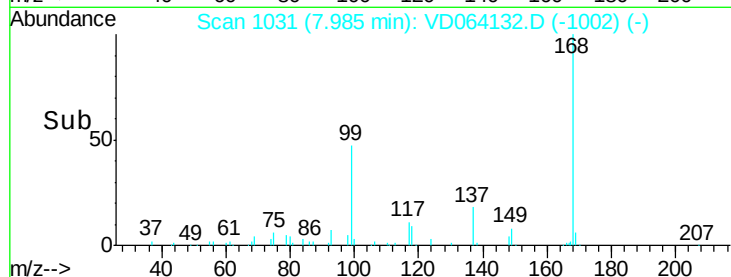
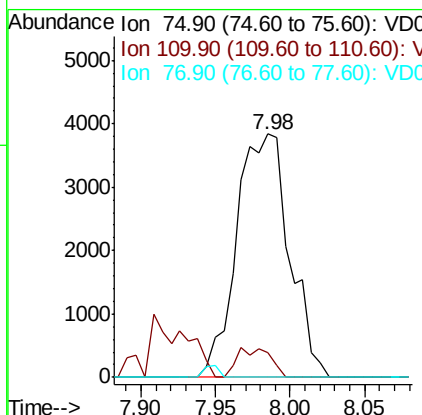
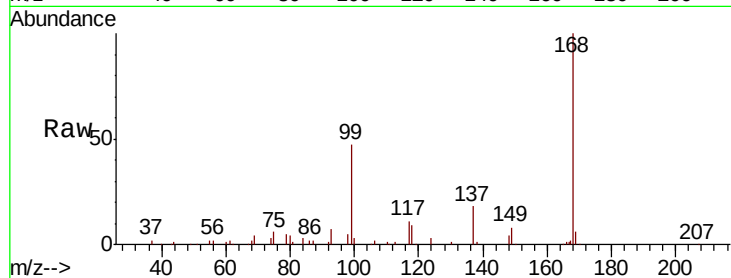




#36
 1,1-Dichloropropene
 Concen: 4.398 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064132.D
 Acq: 31 Oct 2019 14:56

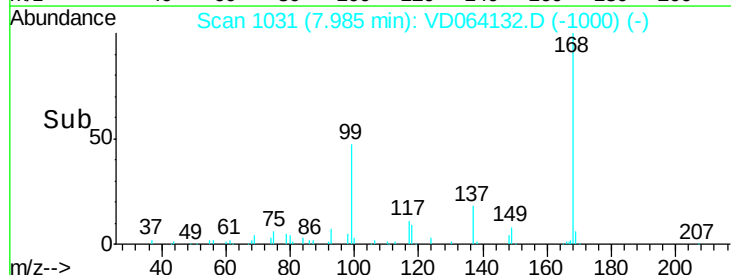
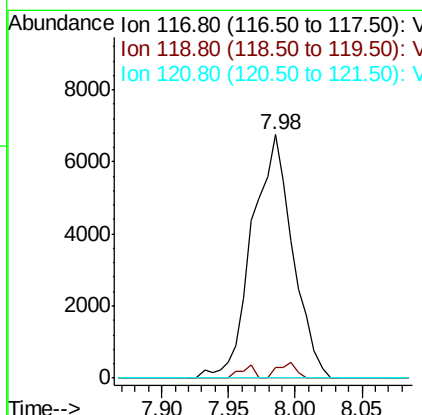
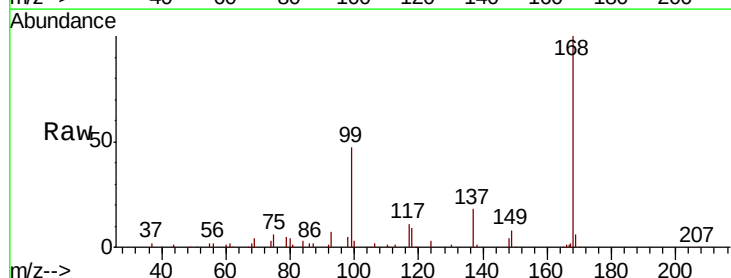
Instrument :
 MSVOA_D
 ClientSampled :

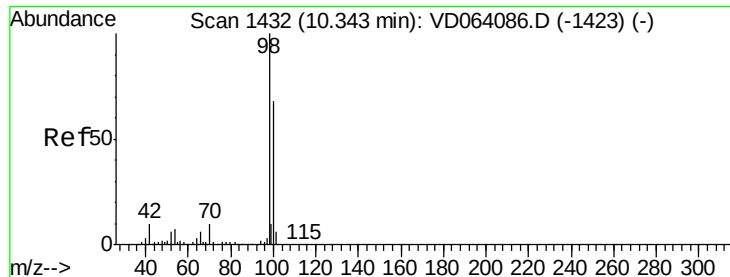
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.069 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD064132.D
 Acq: 31 Oct 2019 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	72.6	108.8#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 49.122 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

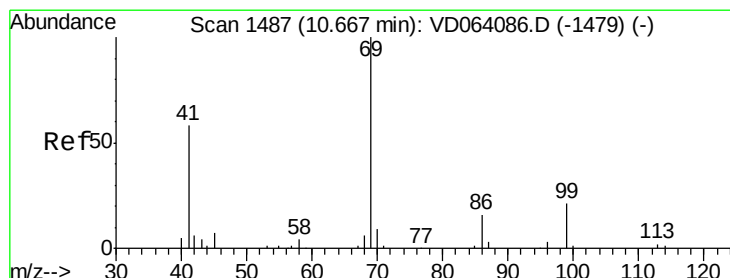
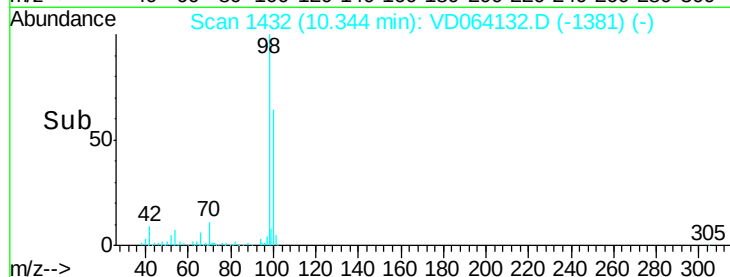
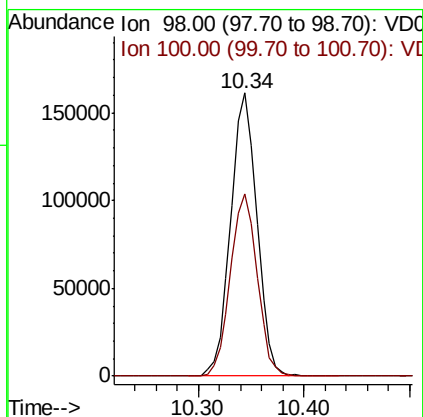
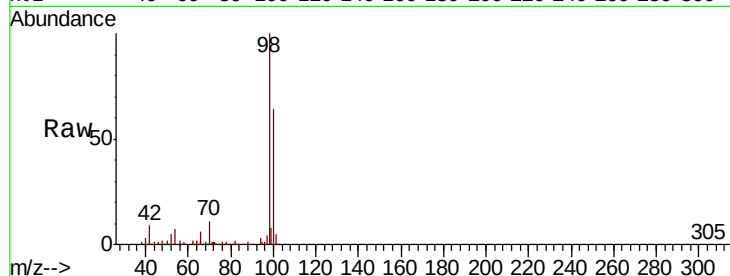
ClientSampleId :

Tot Ion: 98 Resp: 277441

Ion Ratio Lower Upper

98 100

100 65.6 53.4 80.0



#56

Ethyl methacrylate

Concen: 3.062 ug/l

RT: 10.67 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

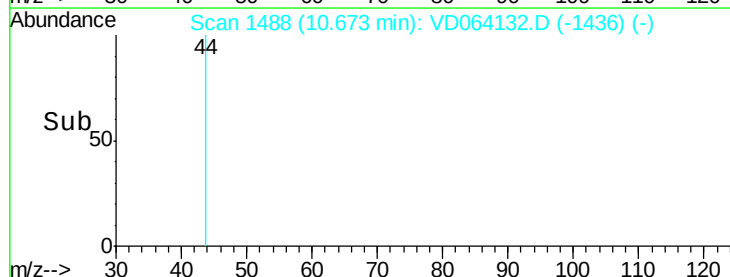
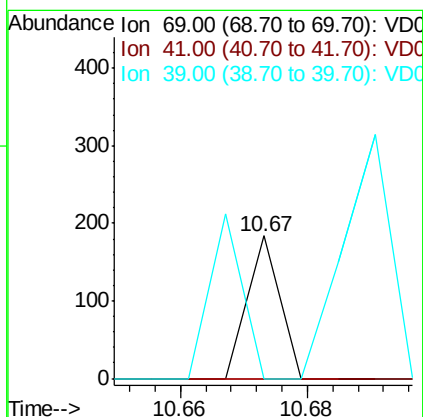
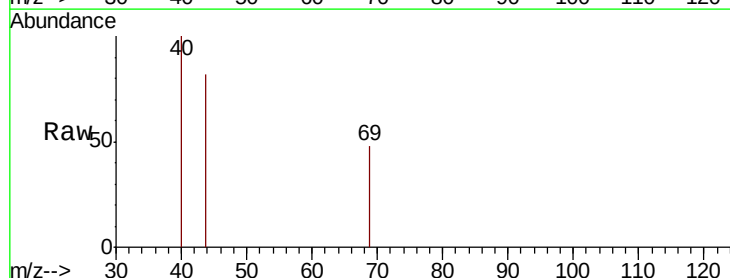
Tgt Ion: 69 Resp: 65

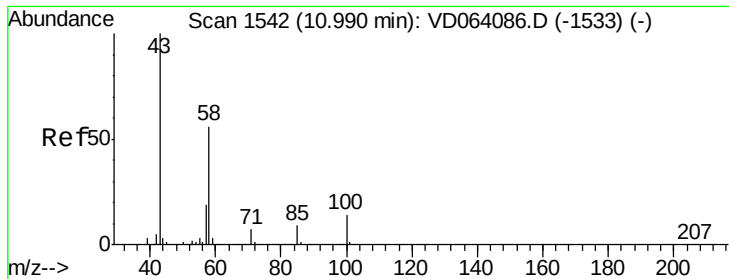
Ion Ratio Lower Upper

69 100

41 0.0 46.9 70.3#

39 115.4 27.3 40.9#

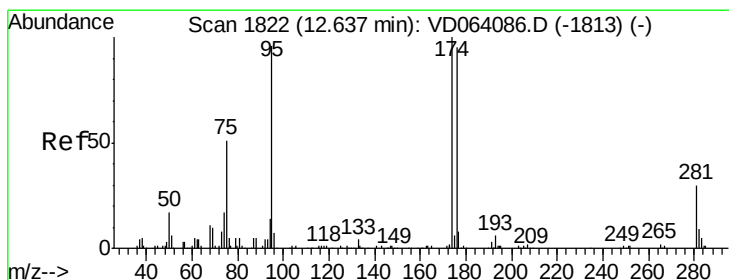
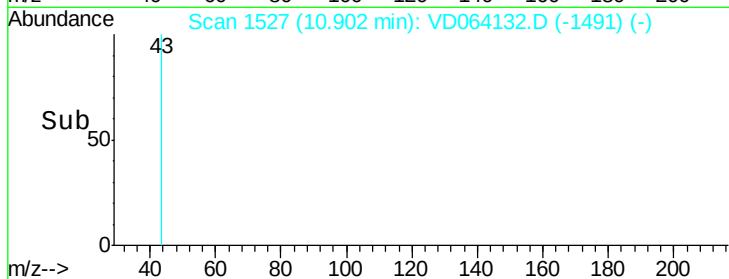
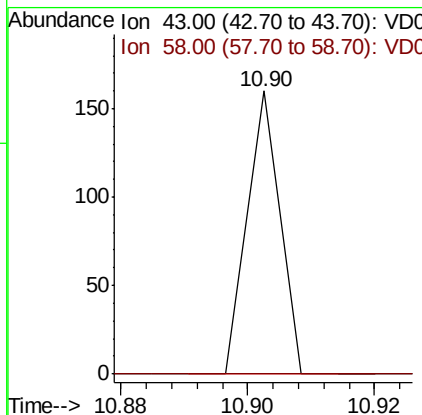
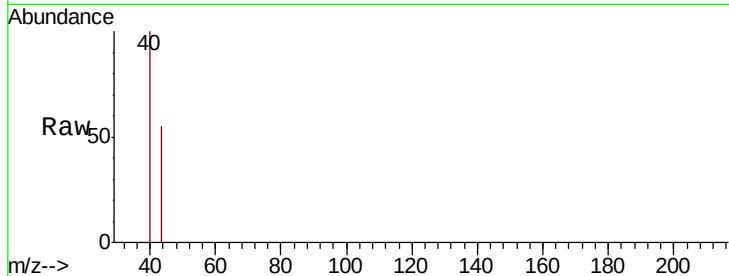




#59
2-Hexanone
Concen: 9.109 ug/l
RT: 10.90 min Scan# 1527
Delta R.T. -0.09 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

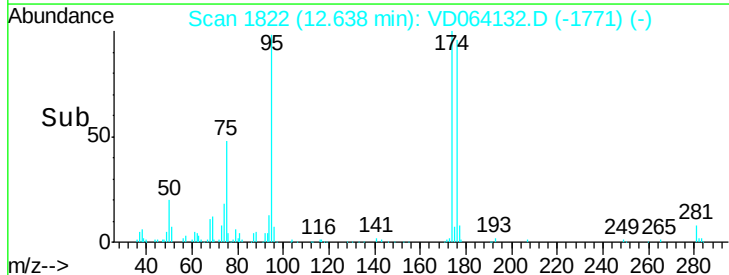
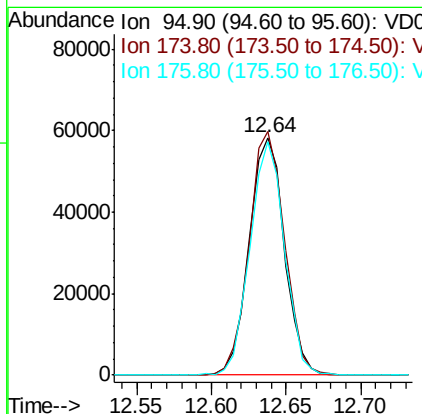
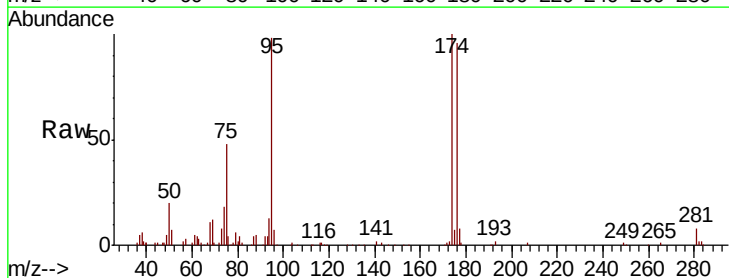
Instrument :
MSVOA_D
ClientSampleId :

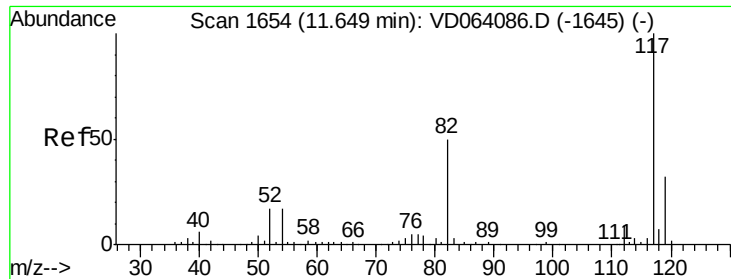
Tot Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 50.374 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Tgt Ion: 95 Resp: 94323
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.6
176 96.8 0.0 192.6

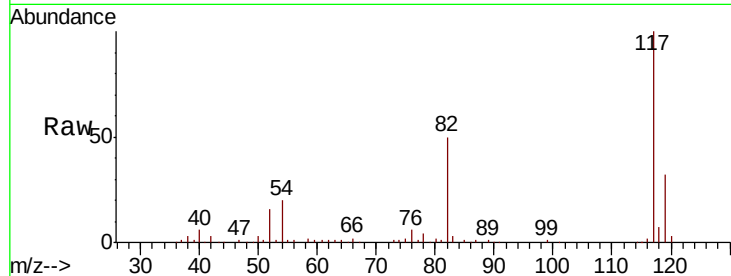




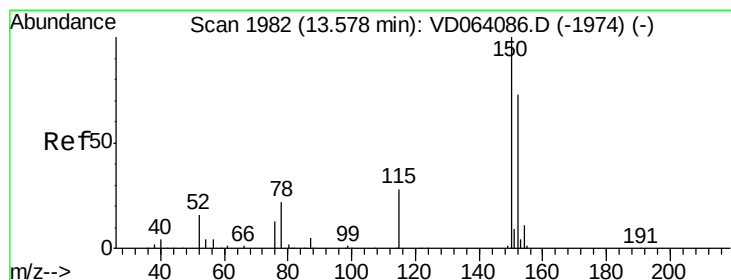
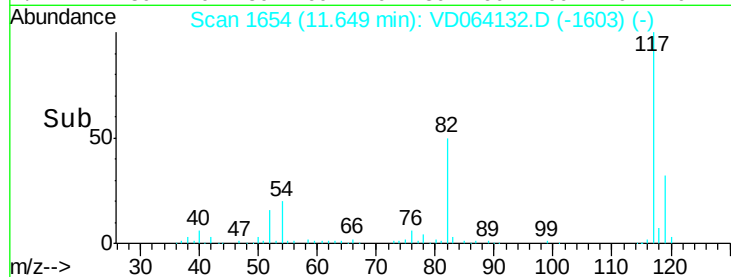
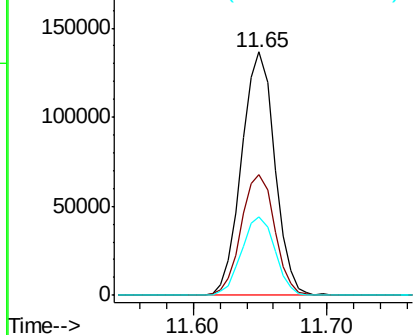
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 234348
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 32.4 26.0 39.0

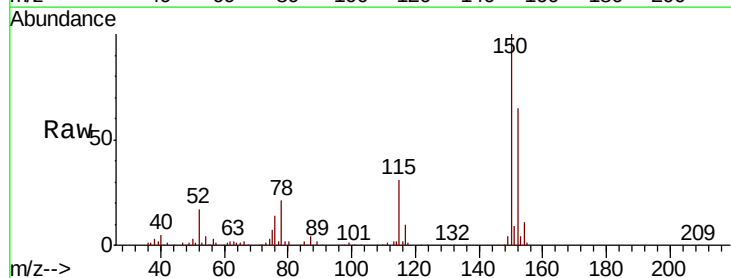


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

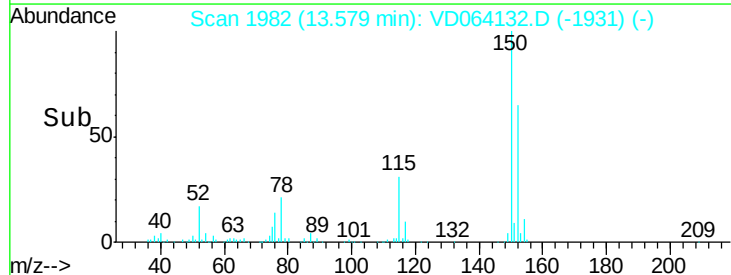
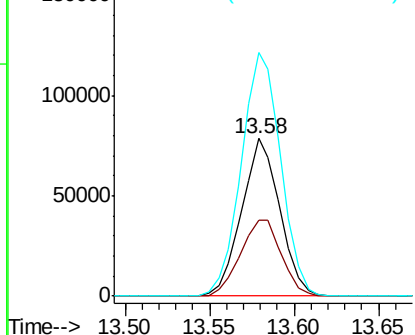


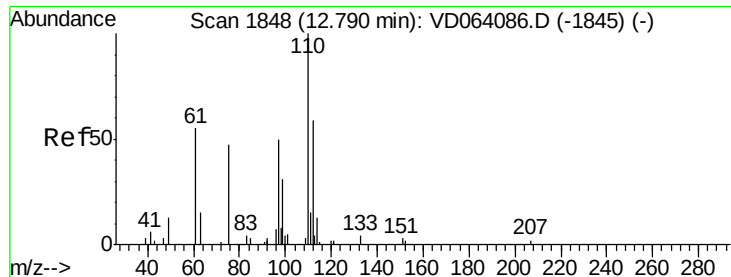
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Tgt Ion:152 Resp: 122876
Ion Ratio Lower Upper
152 100
115 52.1 26.2 78.6
150 160.4 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: 56.827 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

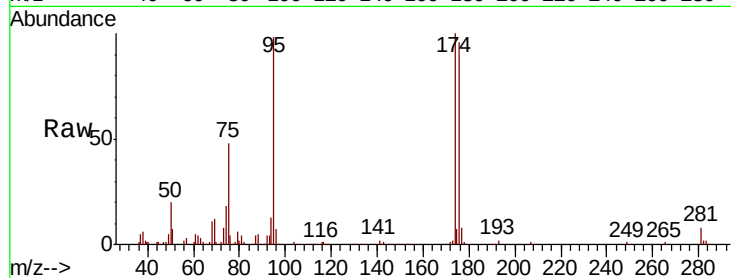
ClientSampleId :

Tot Ion: 75 Resp: 46920

Ion Ratio Lower Upper

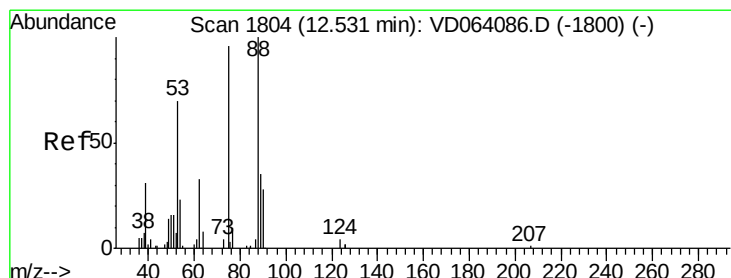
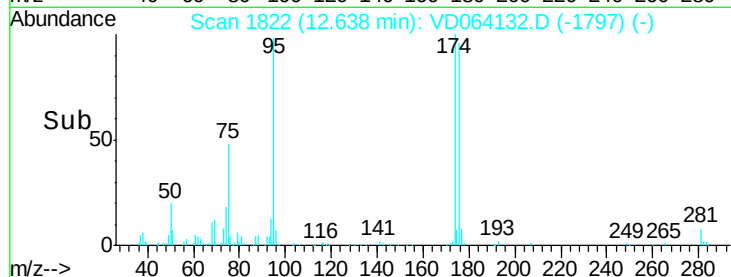
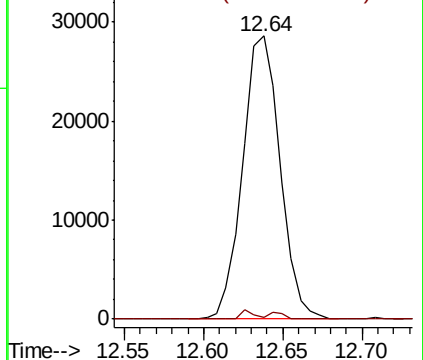
75 100

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: 116.056 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

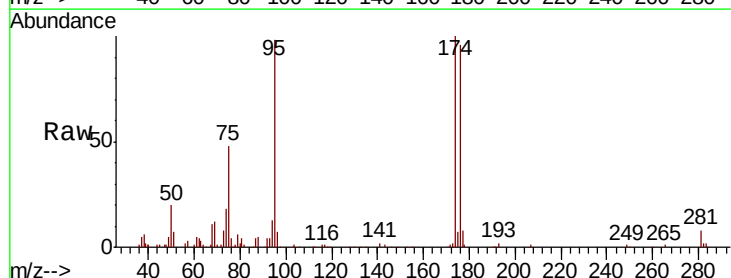
Tgt Ion: 75 Resp: 46920

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.1 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

