

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067011.D
 Acq On : 02 Oct 2020 01:02
 Operator : VA/SY
 Sample : L4198-13
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-10

Quant Time: Oct 02 02:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

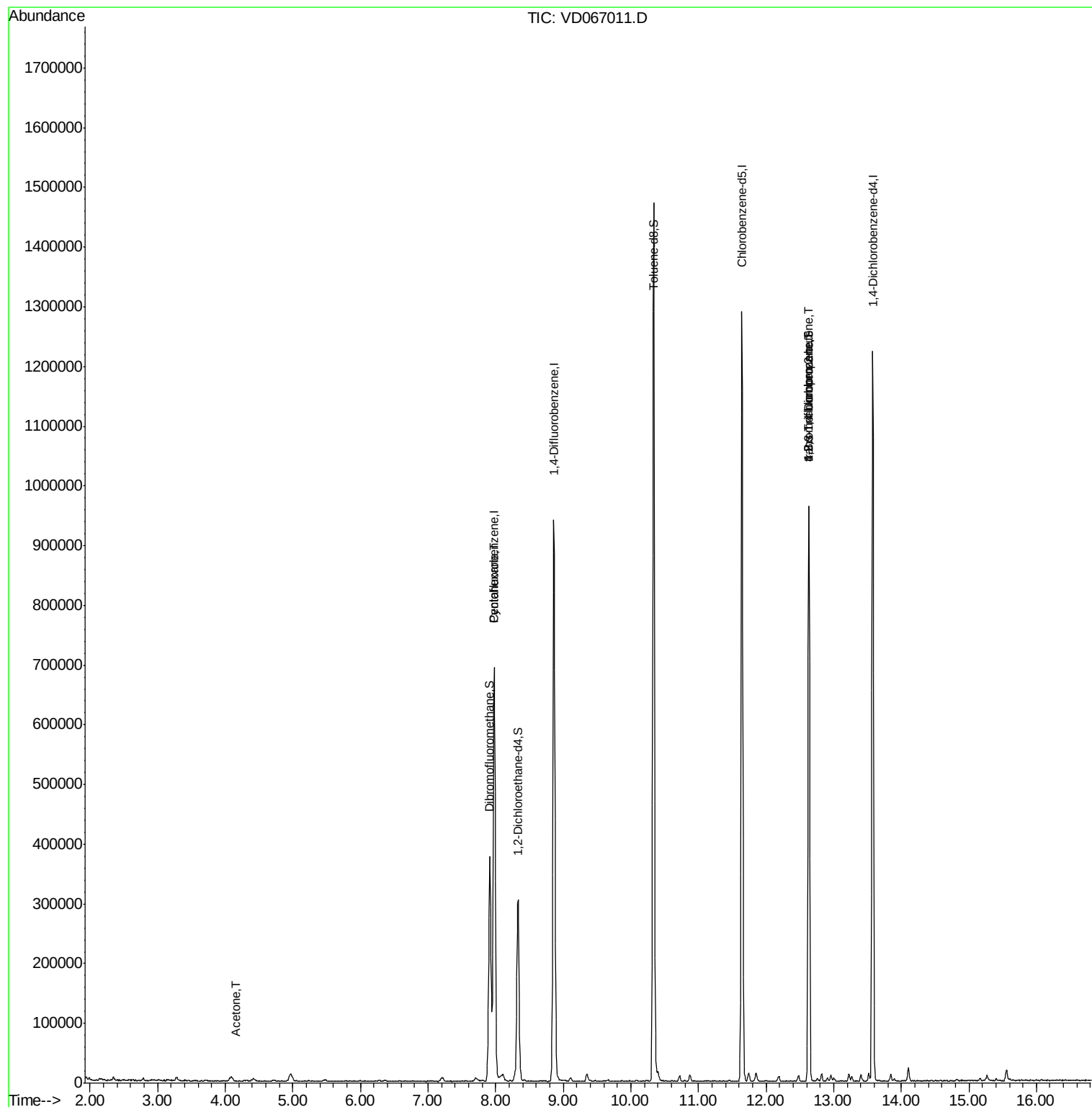
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	503383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	852923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	766344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	245204	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.91	113	273119	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.34	98	992247	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.64	95	312450	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	2929	Below Cal		93
5) Bromomethane	2.78	94	1868	Below Cal	#	68
11) Tert butyl alcohol	5.24	59	554	Below Cal	#	72
16) Acetone	4.16	43	812	1.097 ug/l	#	42
20) Methylene Chloride	4.96	84	10542	Below Cal	#	87
26) 2,2-Dichloropropane	7.20	77	2861	Below Cal		95
31) Cyclohexane	7.97	56	13143	1.805 ug/l	#	6
76) 1,2,3-Trichloropropane	12.64	75	155838	53.029 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	155838	132.209 ug/l	#	12

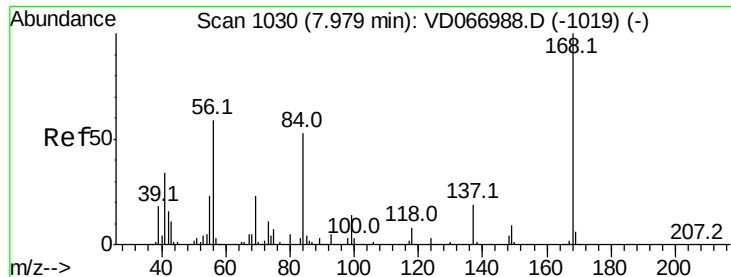
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Instrument :

MSVOA_D

ClientSampleId :

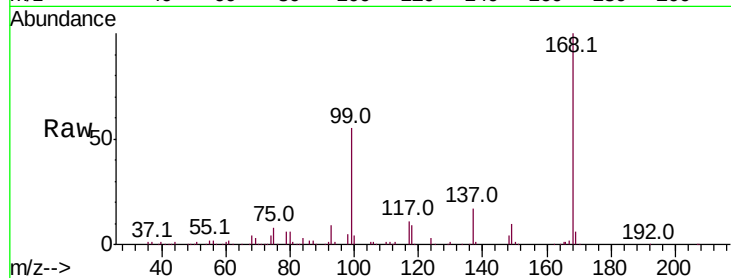
RO-10

Tot Ion:168 Resp: 503383

Ion Ratio Lower Upper

168 100

99 54.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

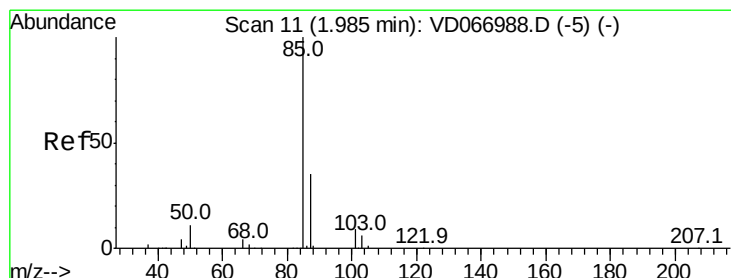
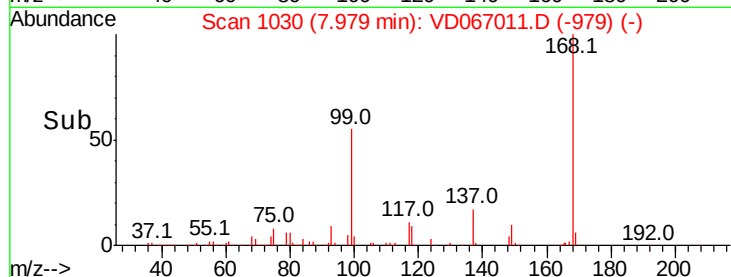
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067011.D

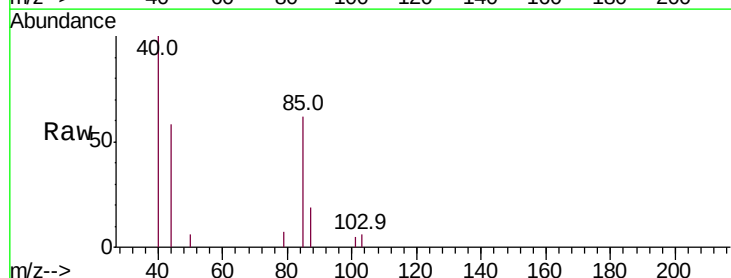
Acq: 02 Oct 2020 01:02

Tgt Ion: 85 Resp: 2929

Ion Ratio Lower Upper

85 100

87 30.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

2500

2000

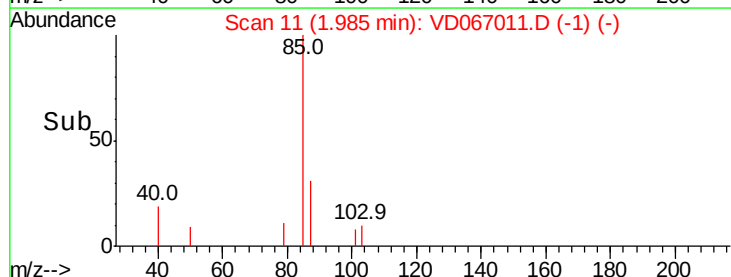
1500

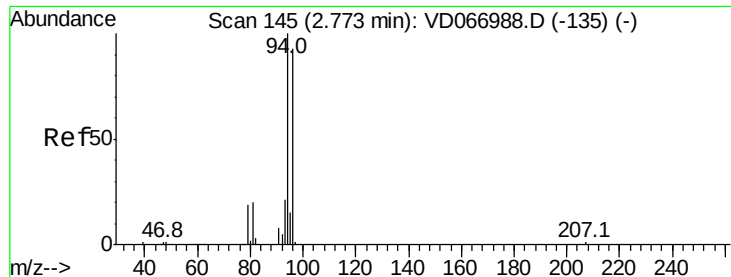
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Instrument :

MSVOA_D

ClientSampleId :

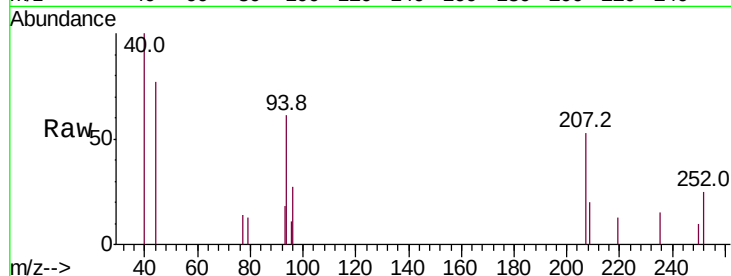
RO-10

Tot Ion: 94 Resp: 1868

Ion Ratio Lower Upper

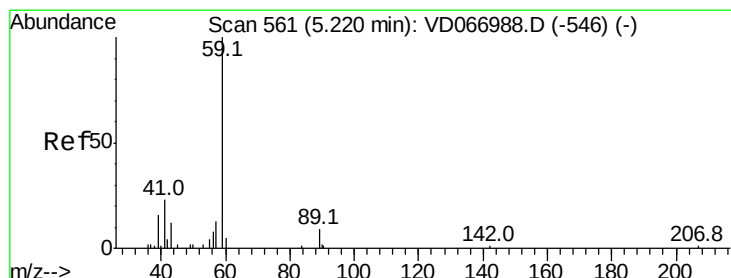
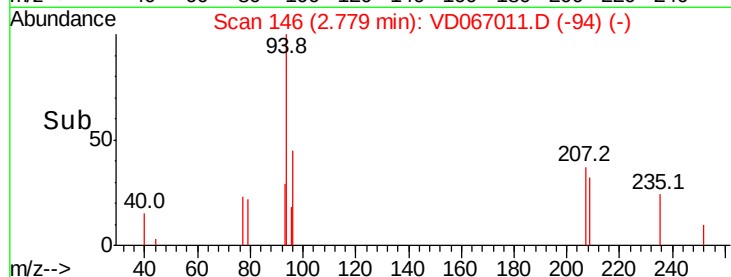
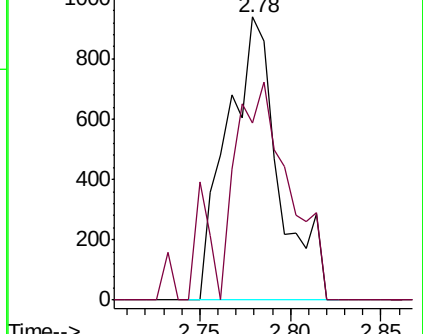
94 100

96 62.5 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 565

Delta R.T. 0.02 min

Lab File: VD067011.D

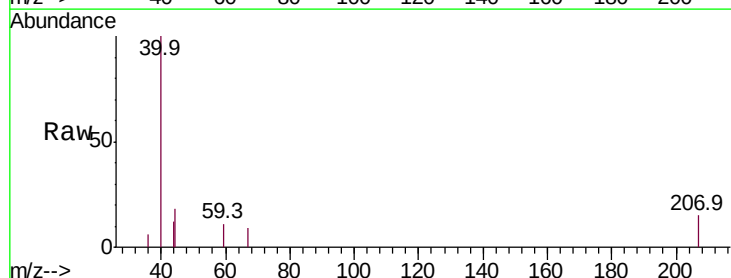
Acq: 02 Oct 2020 01:02

Tgt Ion: 59 Resp: 554

Ion Ratio Lower Upper

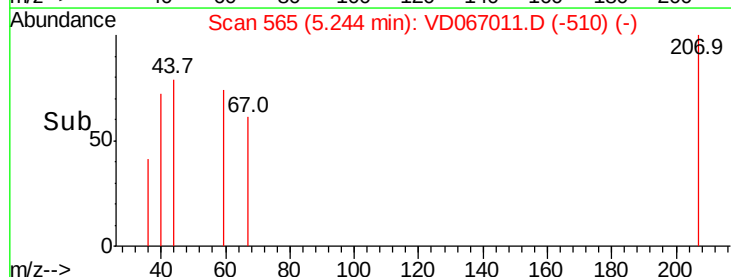
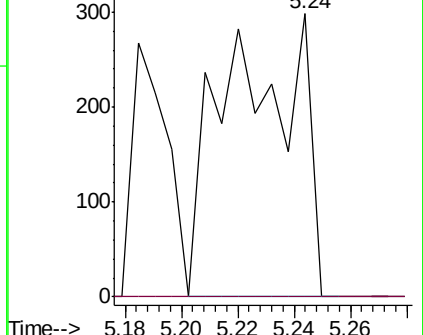
59 100

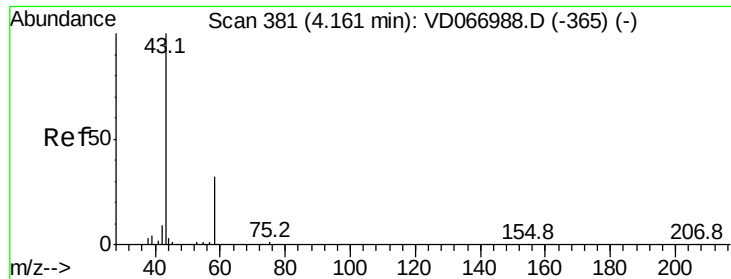
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 1.097 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Instrument :

MSVOA_D

ClientSampleId :

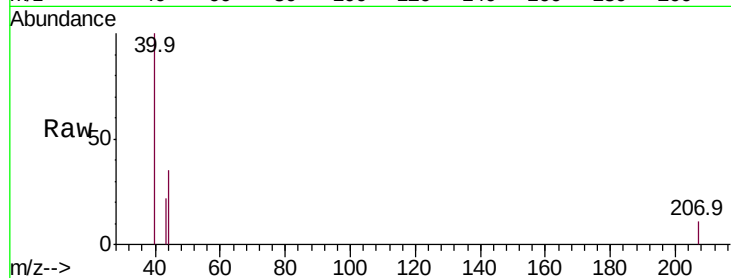
RO-10

Tot Ion: 43 Resp: 812

Ion Ratio Lower Upper

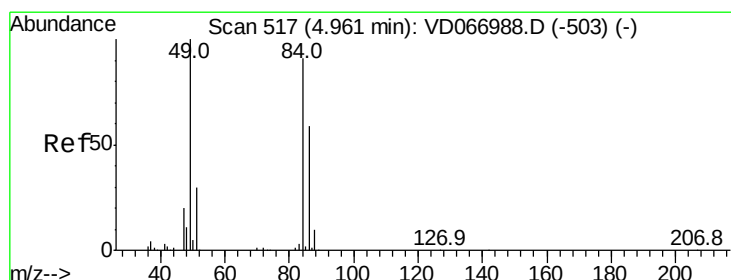
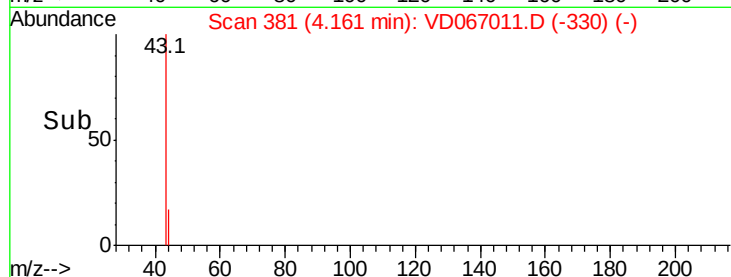
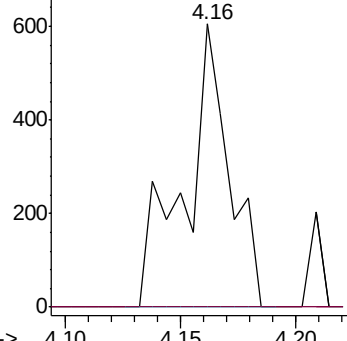
43 100

58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Tgt Ion: 84 Resp: 10542

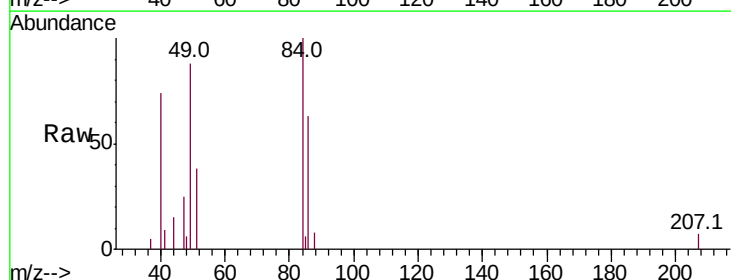
Ion Ratio Lower Upper

84 100

49 88.0 88.2 132.2#

51 38.3 26.6 39.8

86 63.0 52.1 78.1

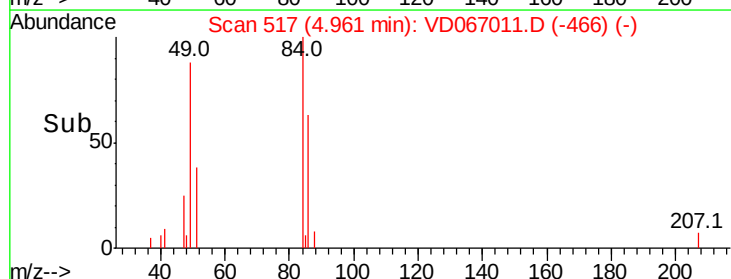
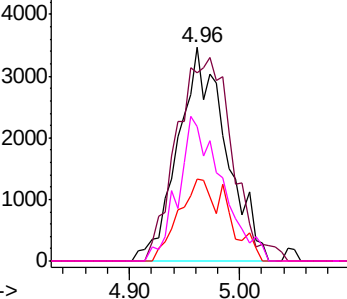


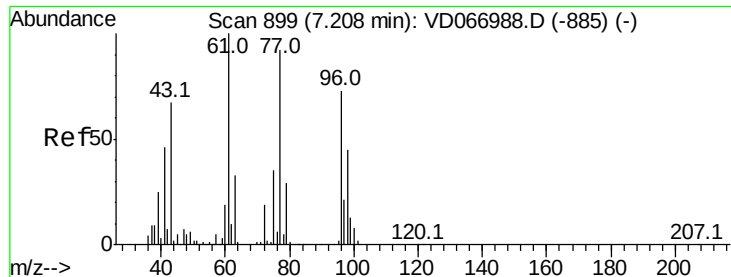
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

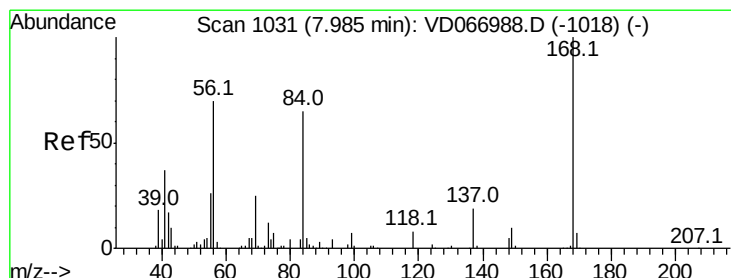
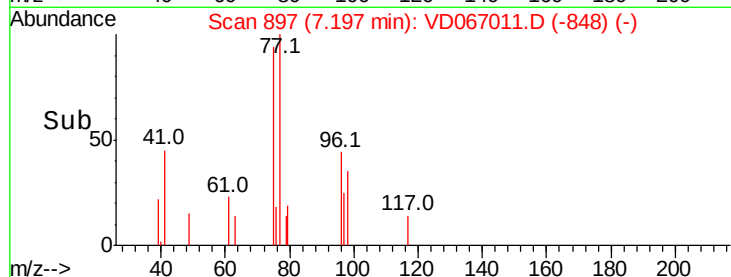
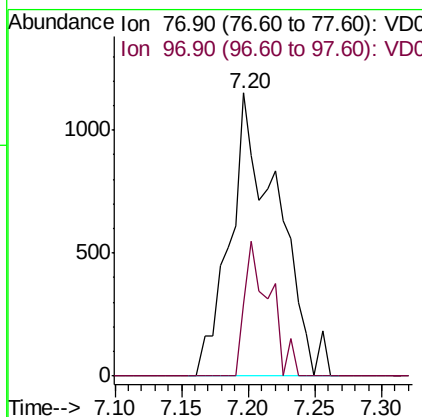
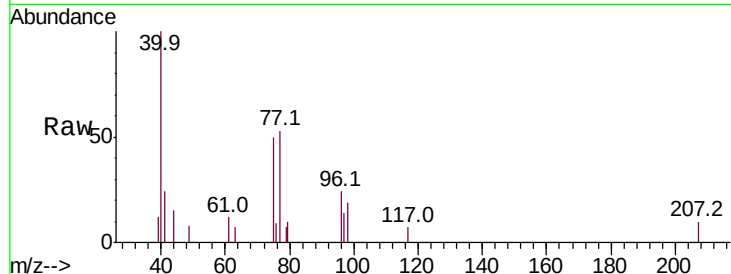




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

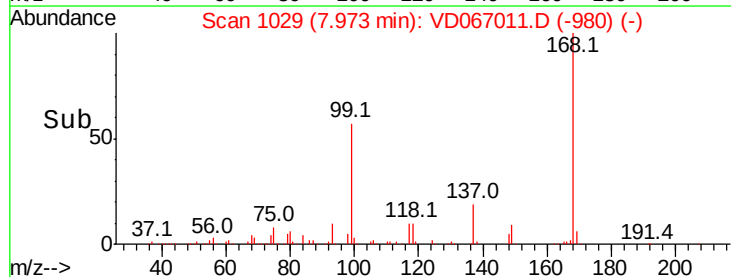
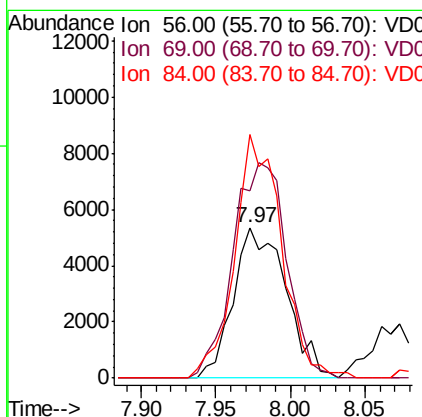
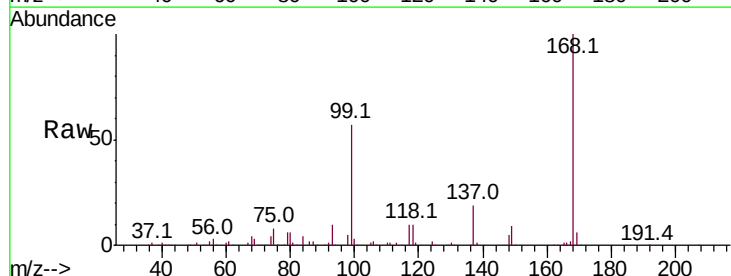
Instrument :
MSVOA_D
ClientSampled :
RO-10

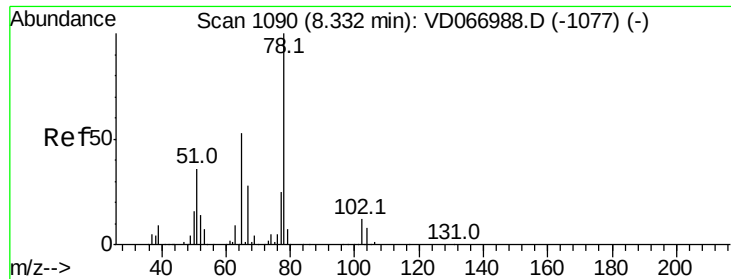
Tot Ion: 77 Resp: 2861
Ion Ratio Lower Upper
77 100
97 25.0 11.4 34.2



#31
Cyclohexane
Concen: 1.805 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

Tgt Ion: 56 Resp: 13143
Ion Ratio Lower Upper
56 100
69 124.5 29.0 43.6#
84 162.0 74.2 111.2#

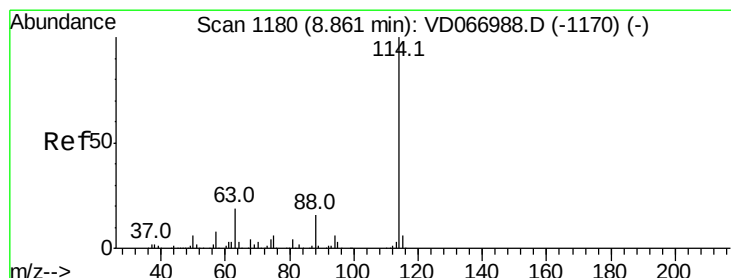
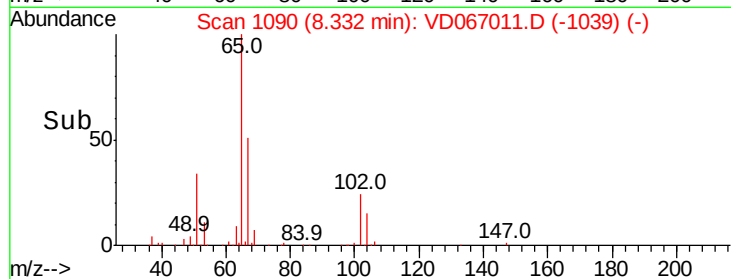
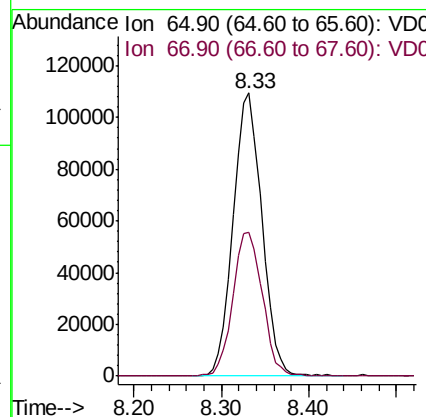
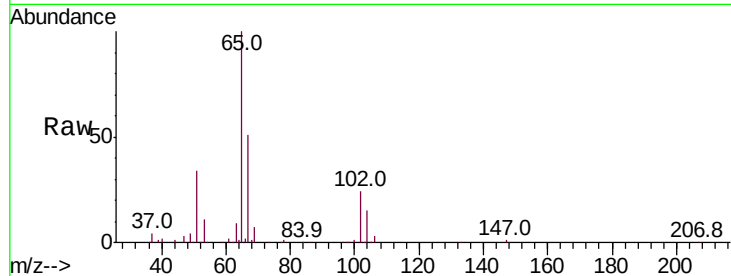




#33
 1,2-Dichloroethane-d4
 Concen: 50.573 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067011.D
 Acq: 02 Oct 2020 01:02

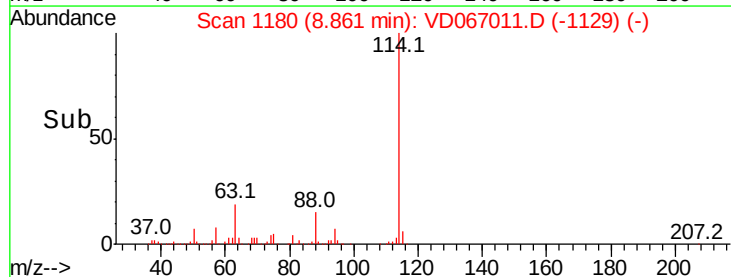
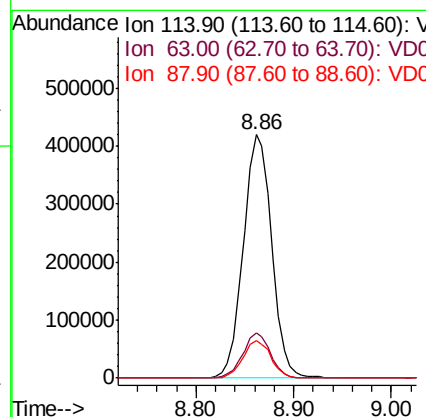
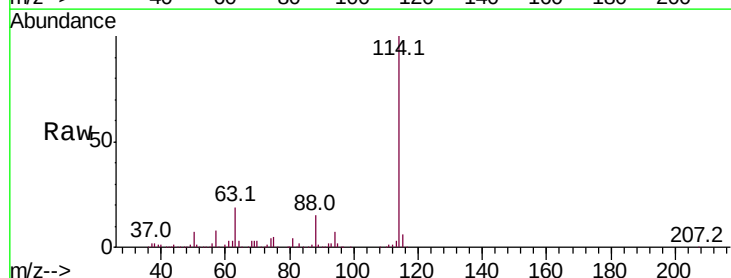
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-10

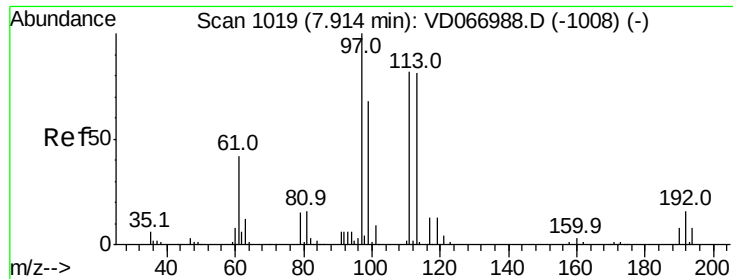
Tot Ion: 65 Resp: 245204
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067011.D
 Acq: 02 Oct 2020 01:02

Tgt Ion: 114 Resp: 852923
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 15.5 0.0 31.2

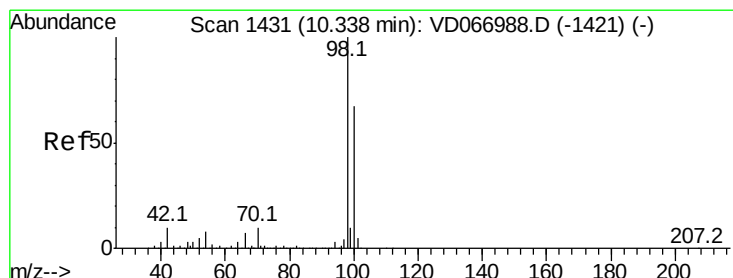
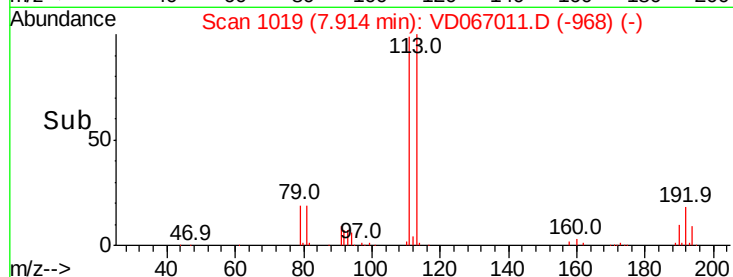
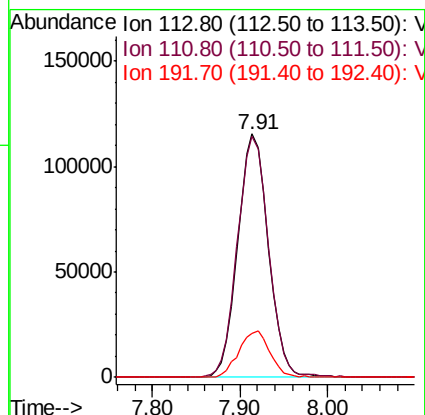
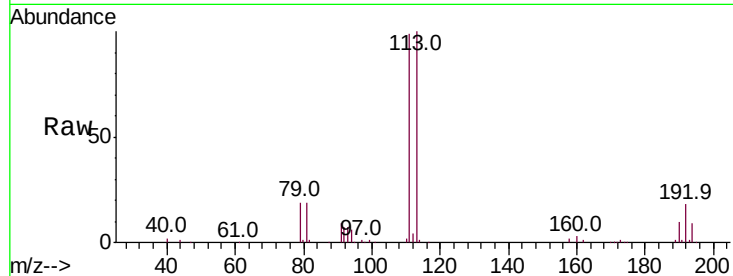




#35
 Dibromofluoromethane
 Concen: 48.912 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067011.D
 Acq: 02 Oct 2020 01:02

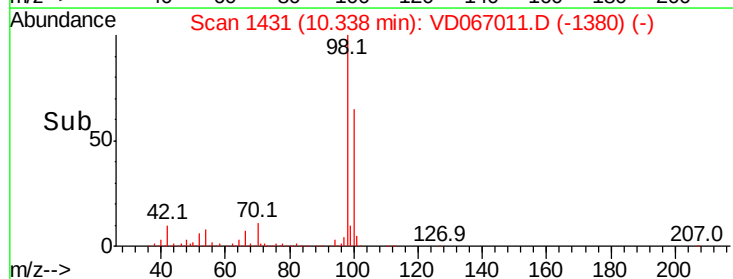
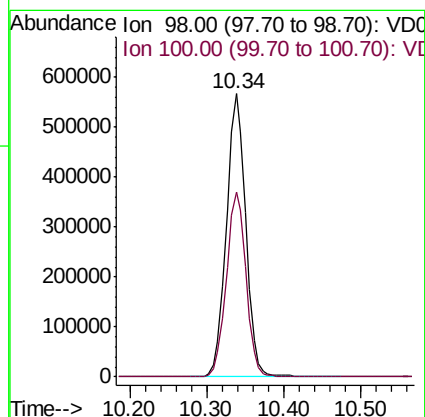
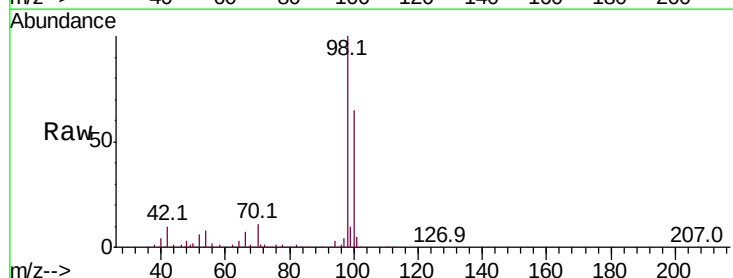
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-10

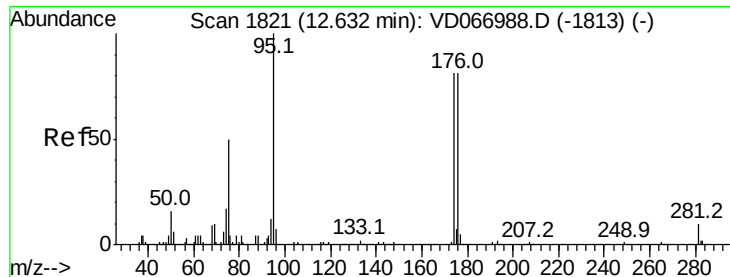
Tot Ion:113 Resp: 273119
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.0 124.4
 192 19.3 15.5 23.3



#50
 Toluene-d8
 Concen: 48.766 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067011.D
 Acq: 02 Oct 2020 01:02

Tgt Ion: 98 Resp: 992247
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.8 79.2

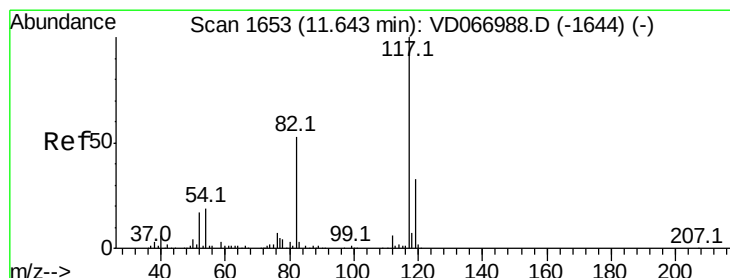
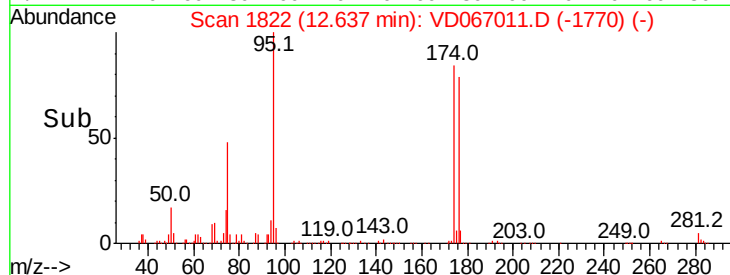
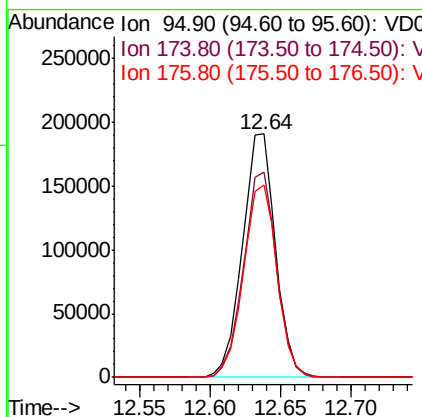
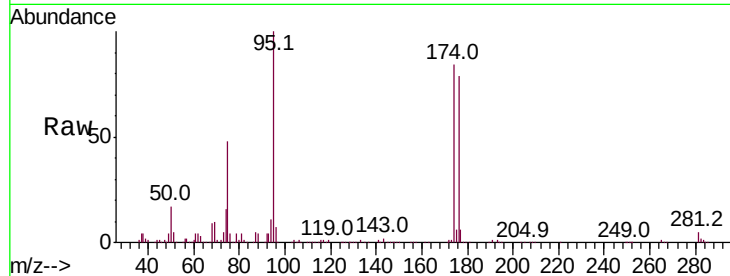




#62
4-Bromofluorobenzene
Concen: 45.234 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

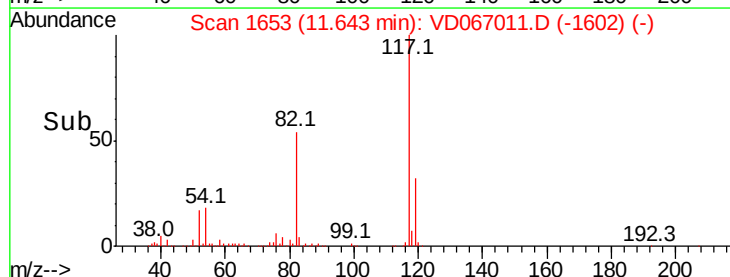
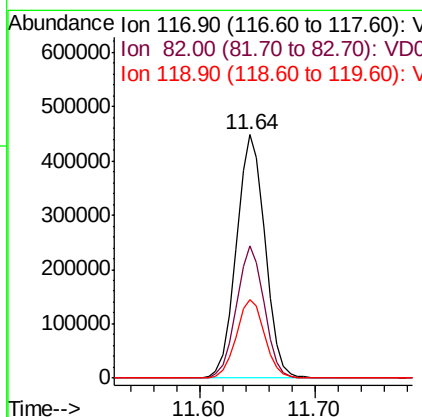
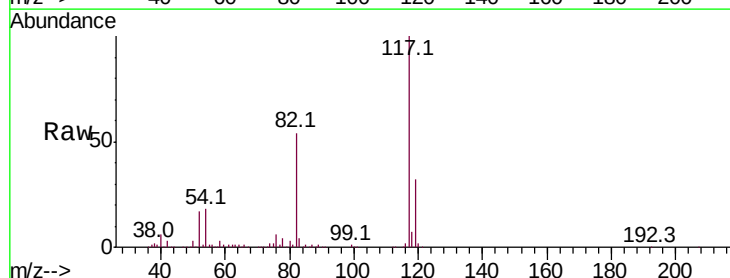
Instrument :
MSVOA_D
ClientSampled :
RO-10

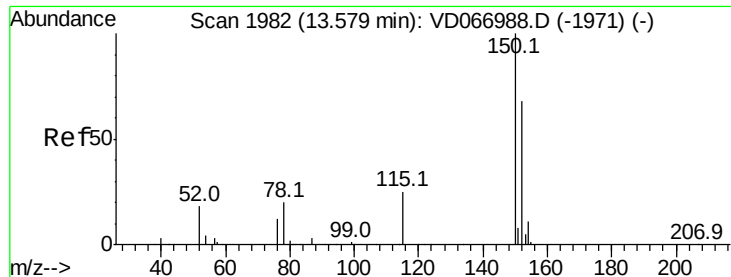
Tot Ion: 95 Resp: 312450
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 80.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067011.D
Acq: 02 Oct 2020 01:02

Tgt Ion: 117 Resp: 766344
Ion Ratio Lower Upper
117 100
82 54.5 42.6 63.8
119 32.0 26.3 39.5

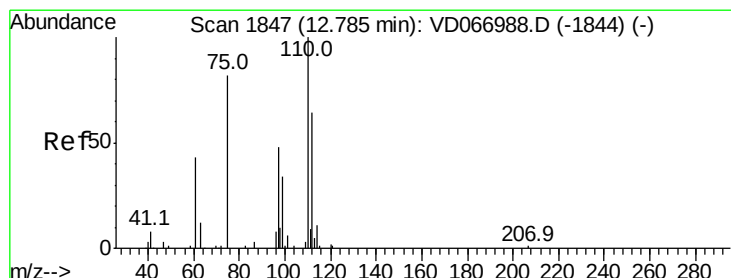
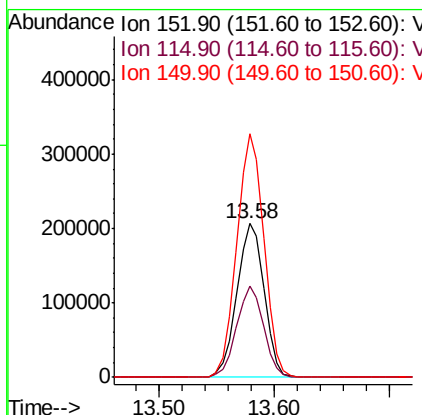
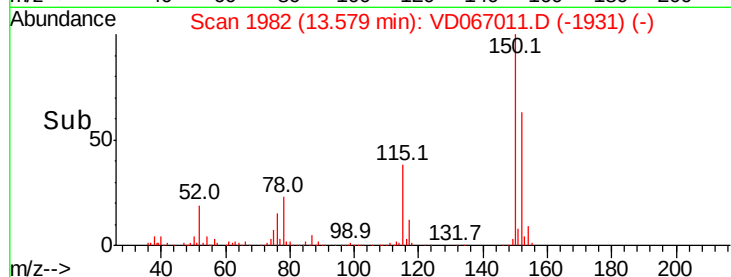
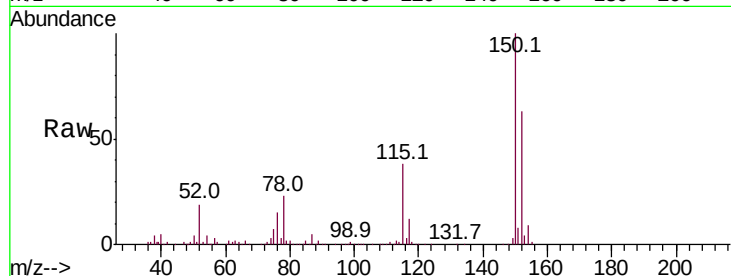




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD067011.D
 Acq: 02 Oct 2020 01:02

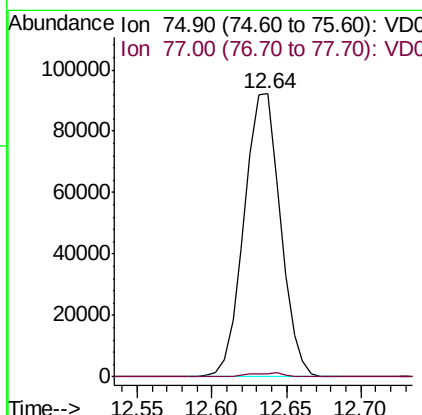
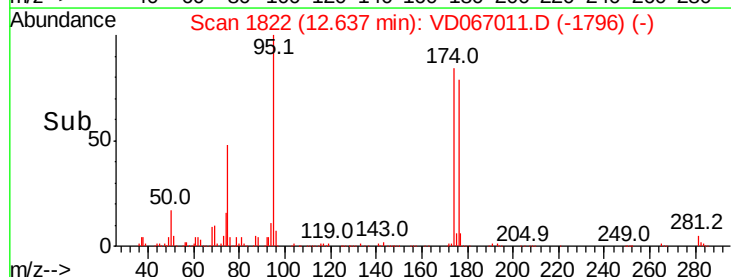
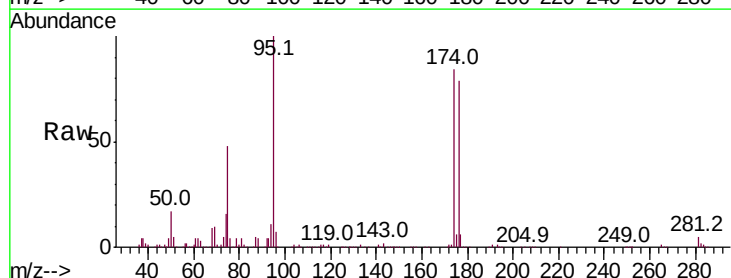
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-10

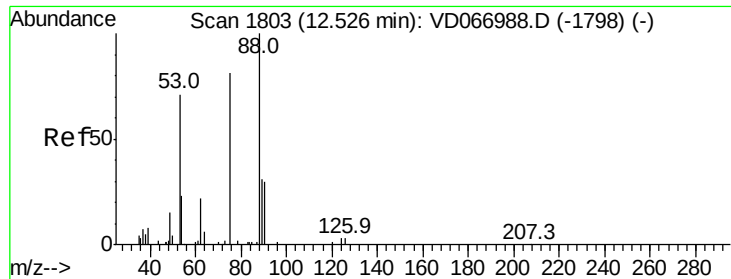
Tot Ion:152 Resp: 337382
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.6 88.8
 150 157.2 0.0 344.8



#76
 1,2,3-Trichloropropane
 Concen: 53.029 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067011.D
 Acq: 02 Oct 2020 01:02

Tgt Ion: 75 Resp: 155838
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 132.209 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067011.D

Acq: 02 Oct 2020 01:02

Instrument :

MSVOA_D

ClientSampleId :

RO-10

Tot Ion: 75 Resp: 155838

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 38.9 58.3#

