

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067121.D
 Acq On : 06 Oct 2020 22:39
 Operator : VA/SY
 Sample : VD1006SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBL02

Quant Time: Oct 07 01:59:06 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	307923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	540111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	504635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231165	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	178611	60.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.44%	
35) Dibromofluoromethane	7.92	113	184468	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.34	98	625025	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.64	95	208497	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	

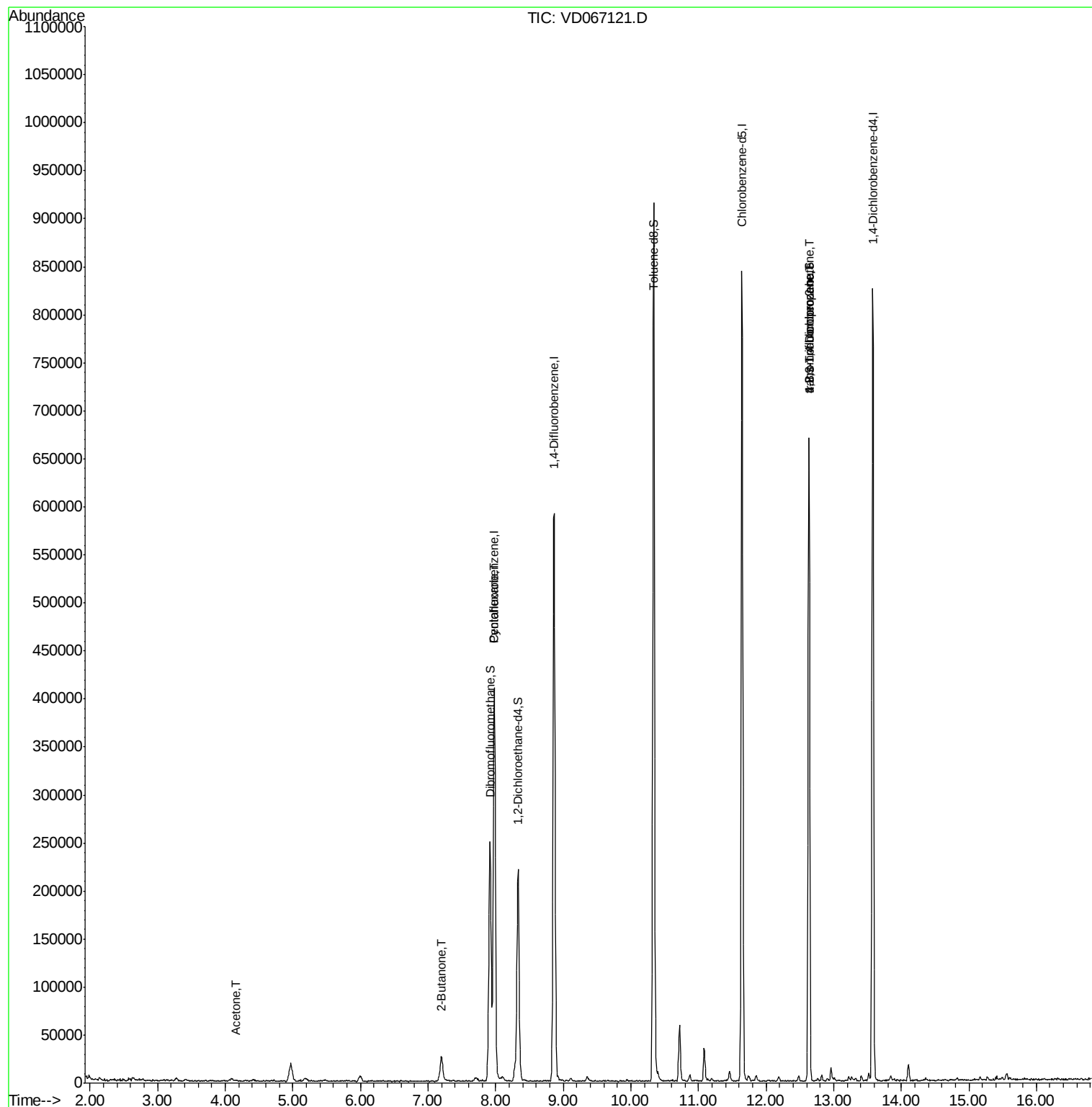
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	2096	Below Cal		94
5) Bromomethane	2.77	94	771	Below Cal	#	38
11) Tert butyl alcohol	5.17	59	2496	Below Cal	#	72
16) Acetone	4.16	43	777	1.716	ug/l #	42
20) Methylene Chloride	4.97	84	14879	Below Cal		94
25) 2-Butanone	7.19	43	1371	2.136	ug/l #	46
26) 2,2-Dichloropropane	7.20	77	2996	Below Cal	#	70
31) Cyclohexane	7.98	56	7433	1.669	ug/l #	13
76) 1,2,3-Trichloropropane	12.64	75	107383	53.331	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	107383	132.961	ug/l #	12

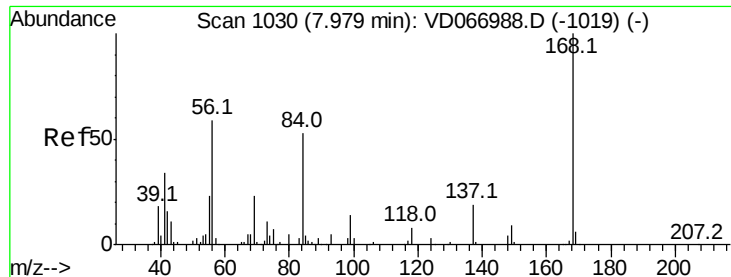
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
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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: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

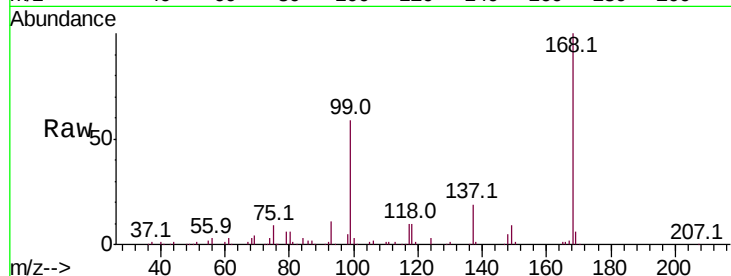
VD1006SBL02

Tot Ion:168 Resp: 307923

Ion Ratio Lower Upper

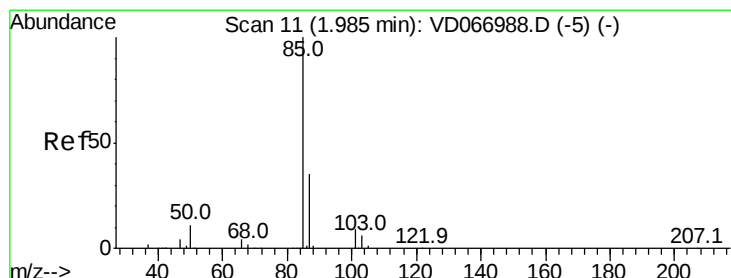
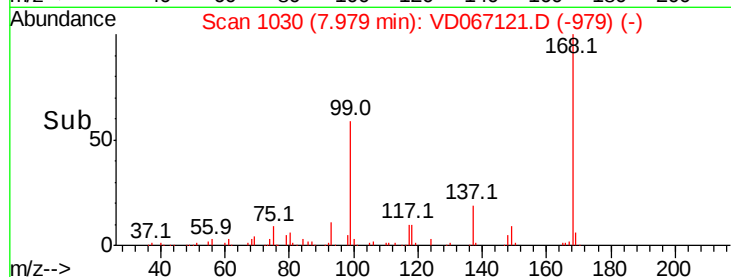
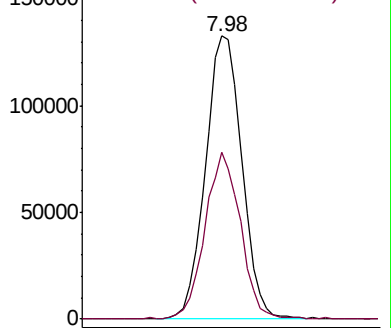
168 100

99 58.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067121.D

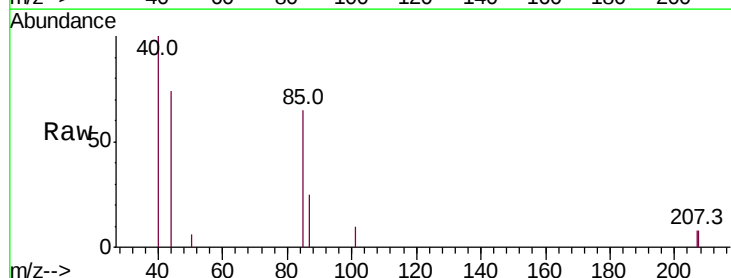
Acq: 06 Oct 2020 22:39

Tgt Ion: 85 Resp: 2096

Ion Ratio Lower Upper

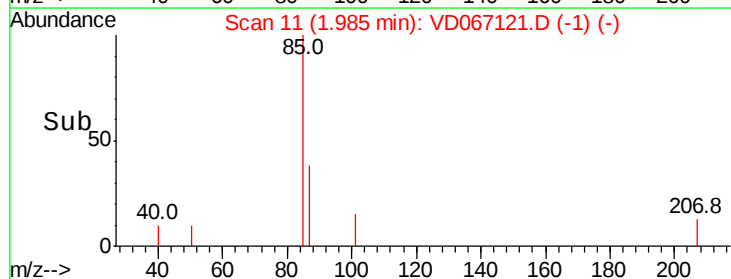
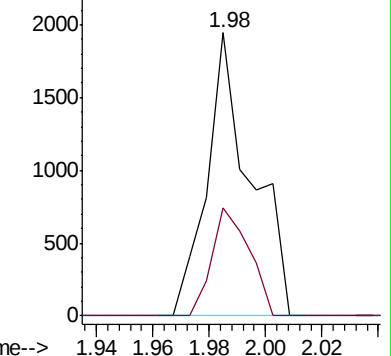
85 100

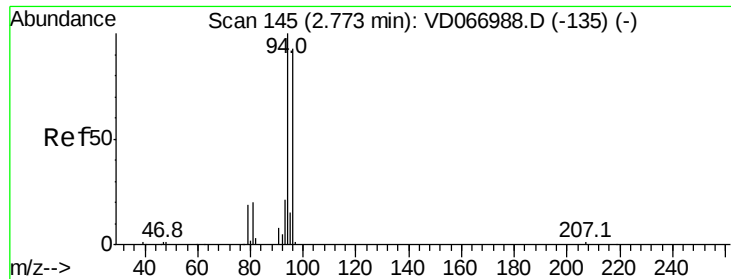
87 38.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

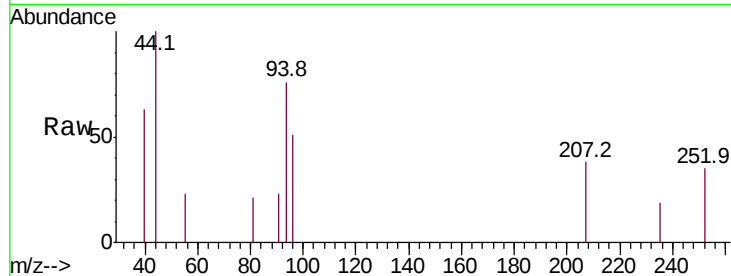
VD1006SBL02

Tot Ion: 94 Resp: 771

Ion Ratio Lower Upper

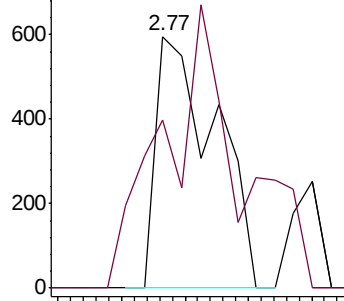
94 100

96 34.1 74.6 112.0#

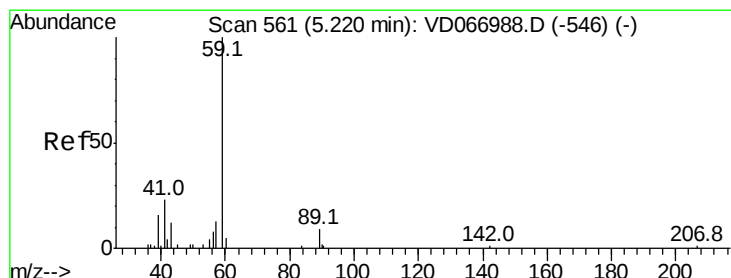
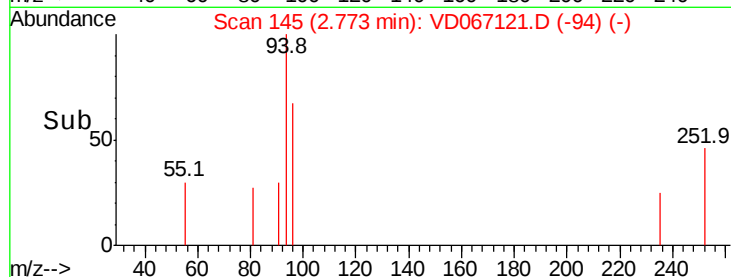


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 553

Delta R.T. -0.05 min

Lab File: VD067121.D

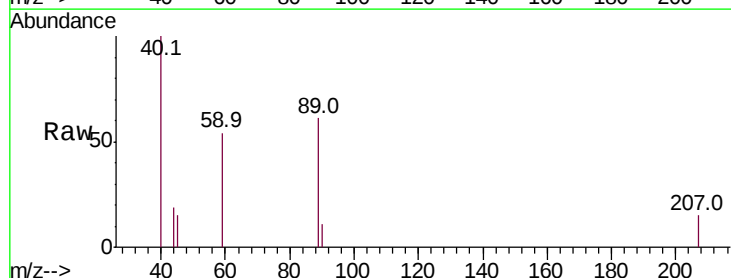
Acq: 06 Oct 2020 22:39

Tgt Ion: 59 Resp: 2496

Ion Ratio Lower Upper

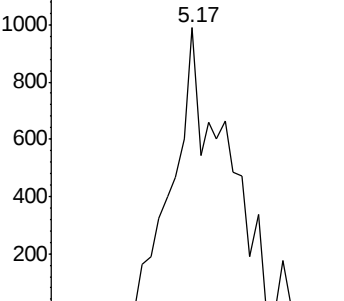
59 100

57 0.0 8.2 12.4#

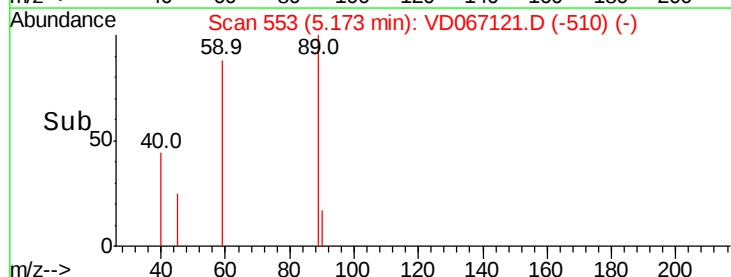


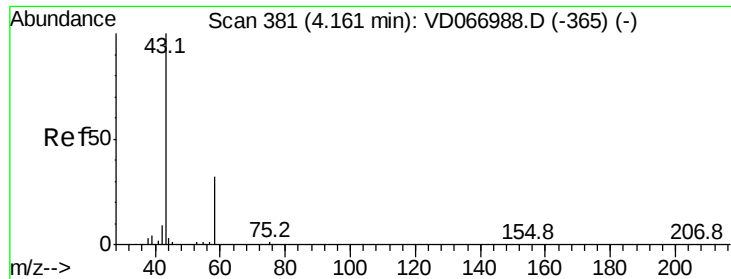
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->





#16

Acetone

Concen: 1.716 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

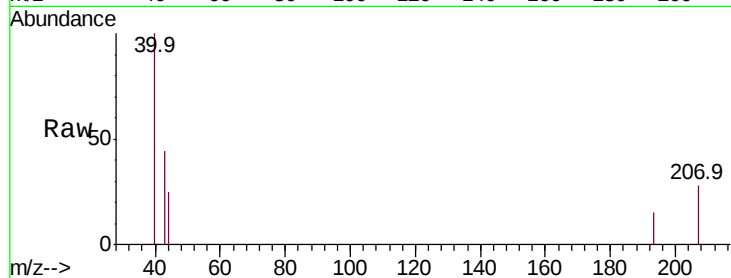
VD1006SBL02

Tot Ion: 43 Resp: 777

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

4.16

4.16

4.16

4.16

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4.16

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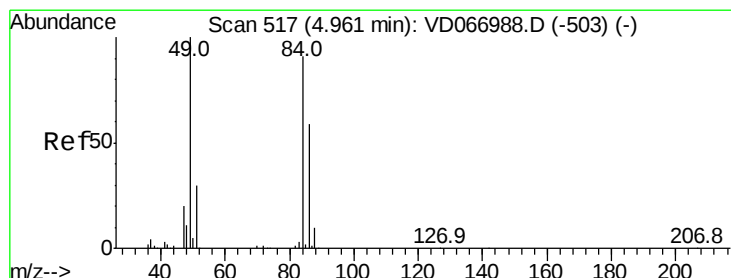
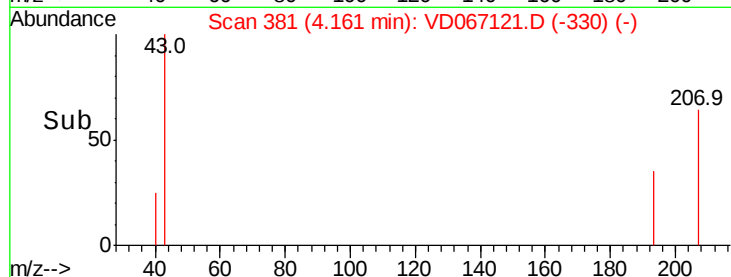
4.16

4.16

4.16

4.16

4.16



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Tgt Ion: 84 Resp: 14879

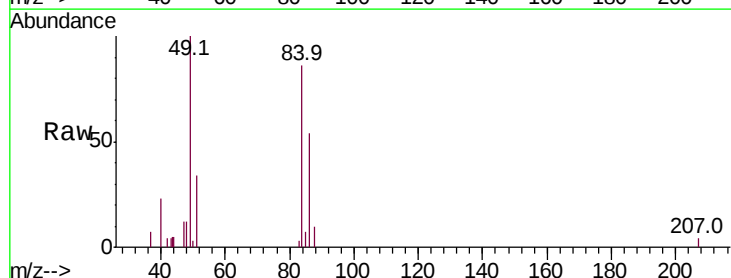
Ion Ratio Lower Upper

84 100

49 116.1 88.2 132.2

51 39.8 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

4.97

4.97

4.97

4.97

4.97

4.97

4.97

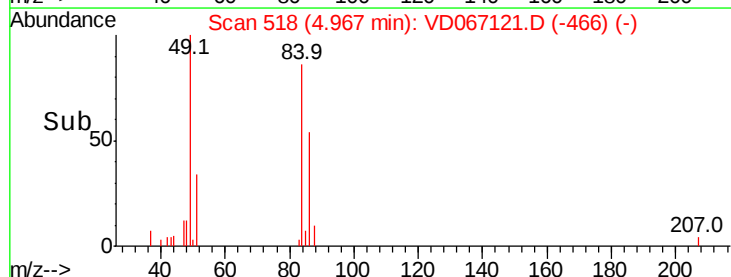
4.97

4.97

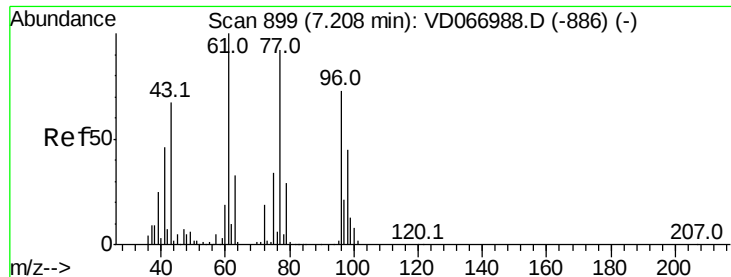
4.97

4.97

4.97



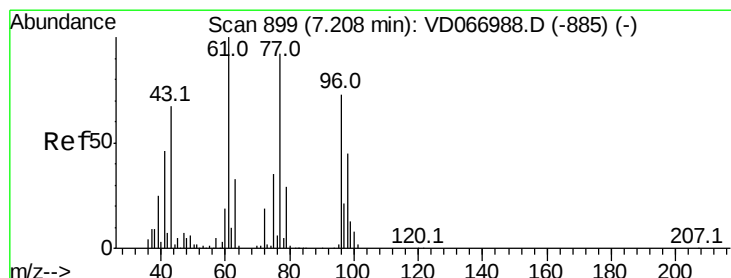
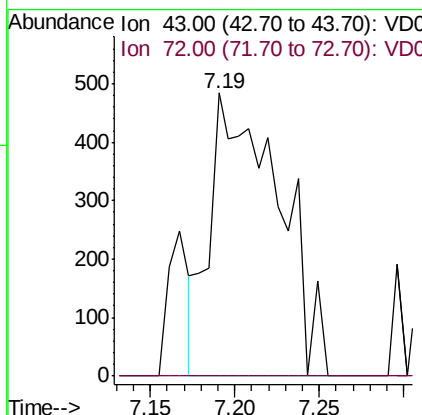
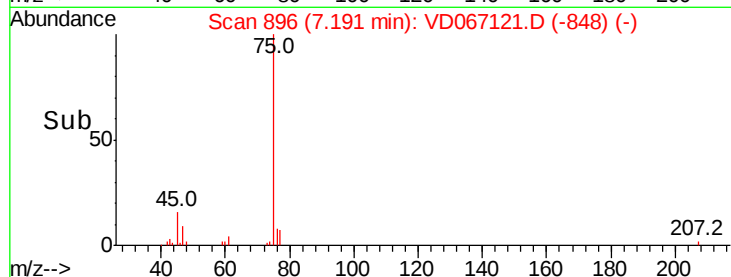
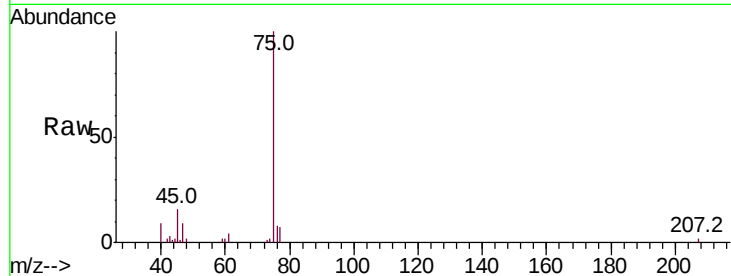
Time-->



#25
2-Butanone
Concen: 2.136 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

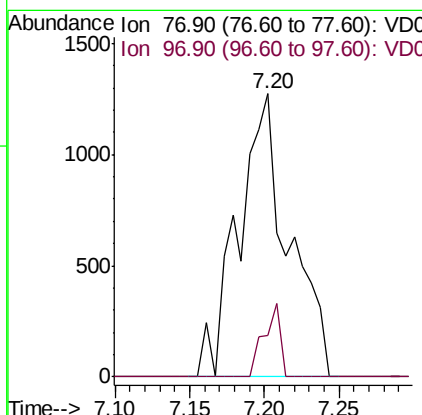
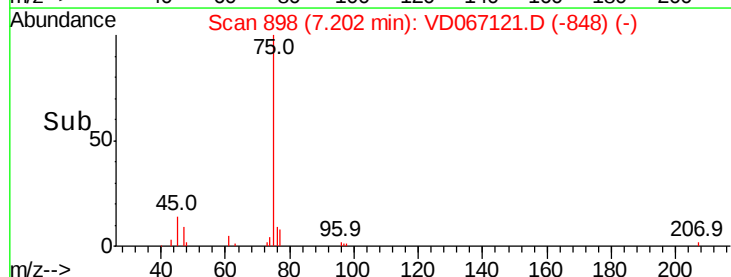
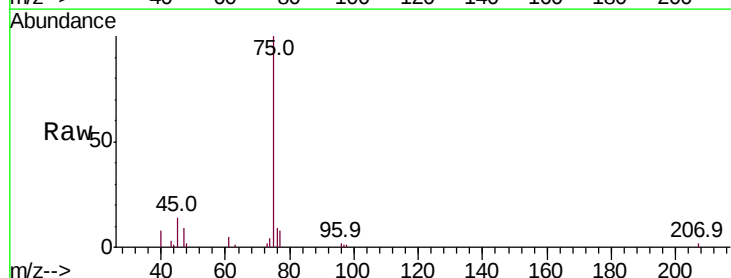
Instrument :
MSVOA_D
ClientSampleID :
VD1006SBL02

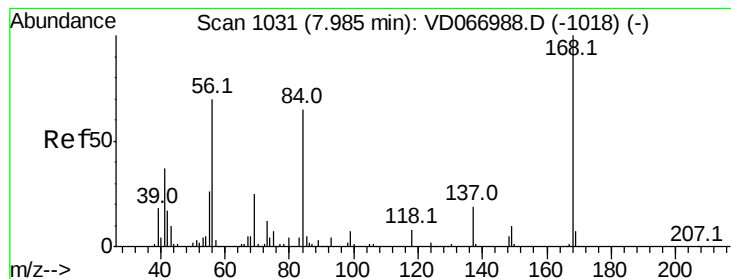
Tot Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

Tgt Ion: 77 Resp: 2996
Ion Ratio Lower Upper
77 100
97 8.2 11.4 34.2#





#31

Cyclohexane

Concen: 1.669 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBL02

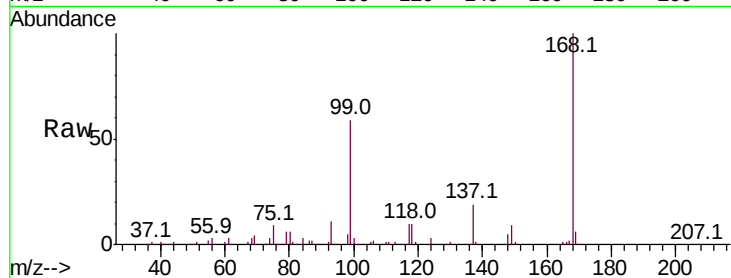
Tot Ion: 56 Resp: 7433

Ion Ratio Lower Upper

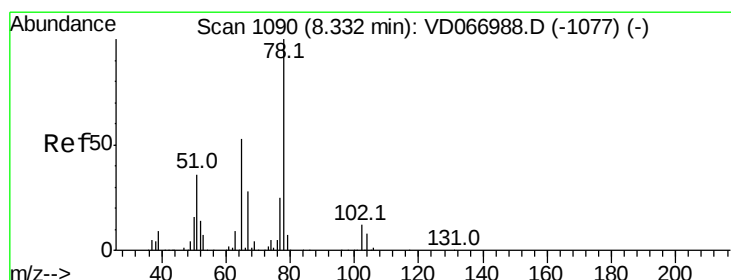
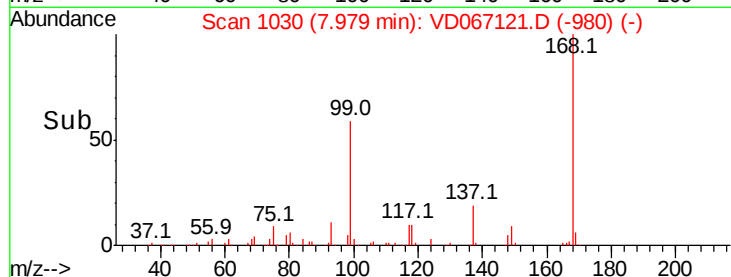
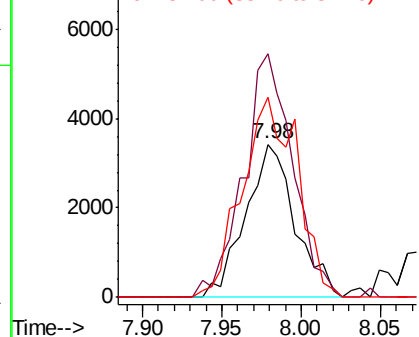
56 100

69 158.8 29.0 43.6#

84 130.6 74.2 111.2#



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: 60.222 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067121.D

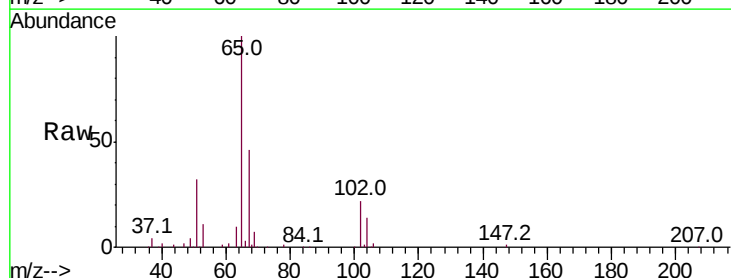
Acq: 06 Oct 2020 22:39

Tgt Ion: 65 Resp: 178611

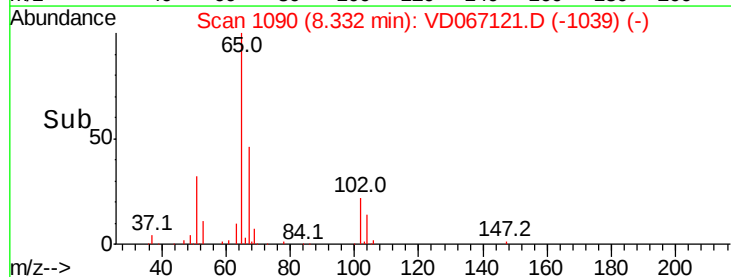
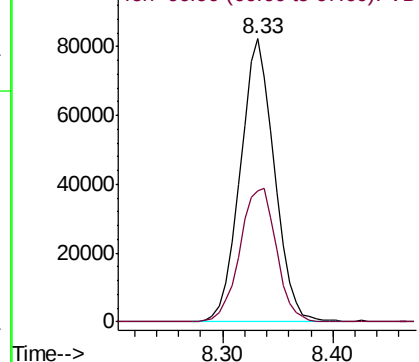
Ion Ratio Lower Upper

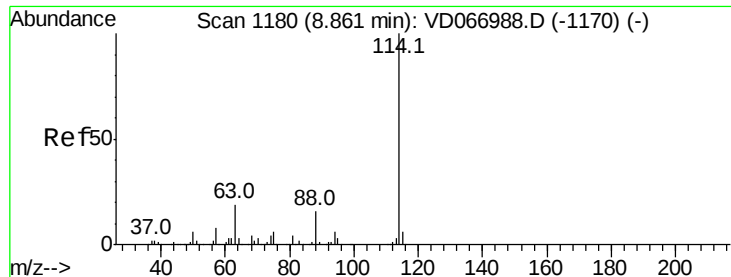
65 100

67 50.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

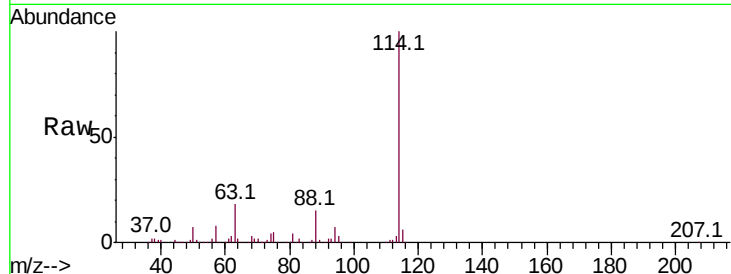




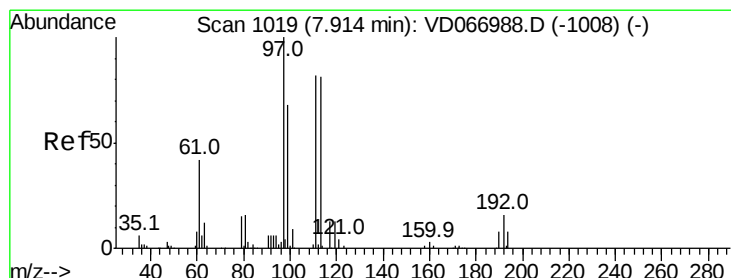
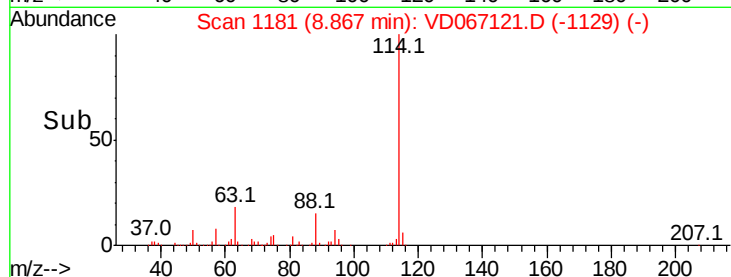
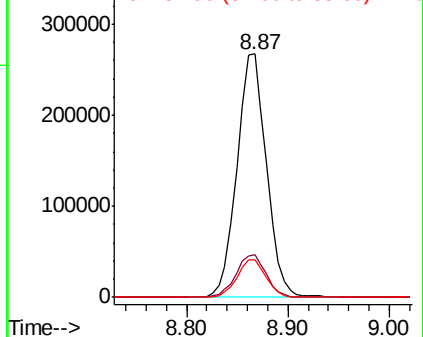
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL02

Tot Ion:114 Resp: 540111
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.4
88 15.4 0.0 31.2

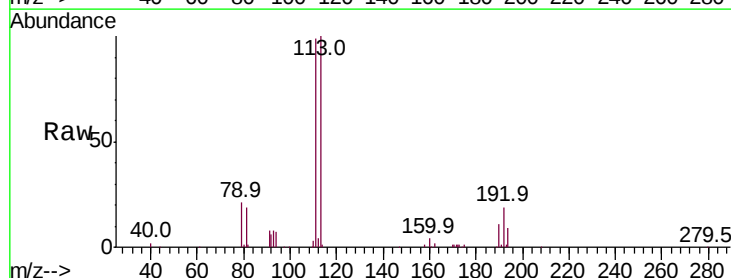


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

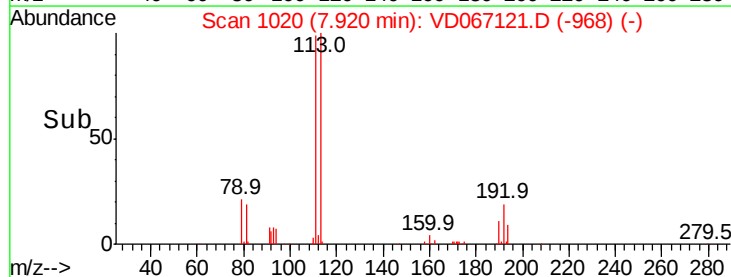
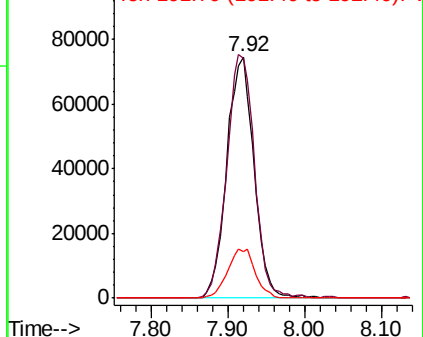


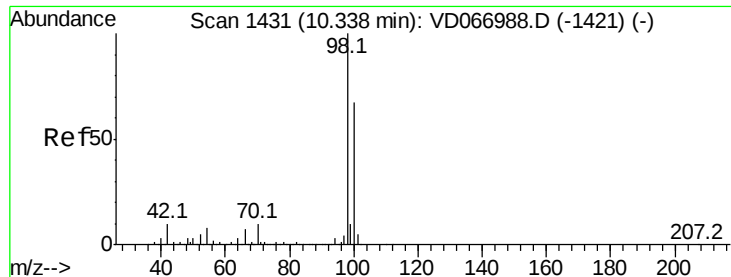
#35
Dibromofluoromethane
Concen: 52.169 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

Tgt Ion:113 Resp: 184468
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 20.6 15.5 23.3



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

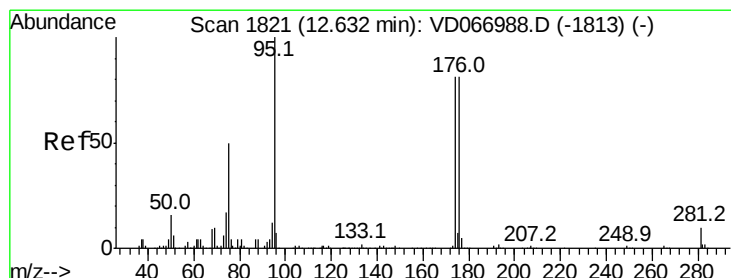
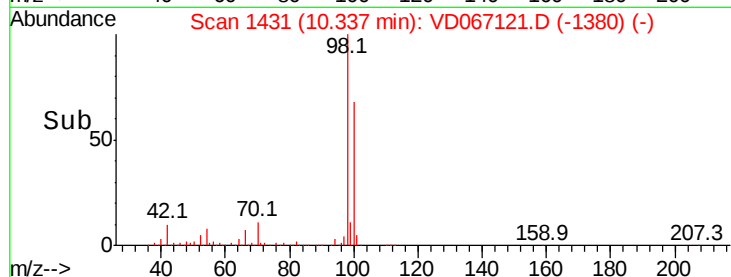
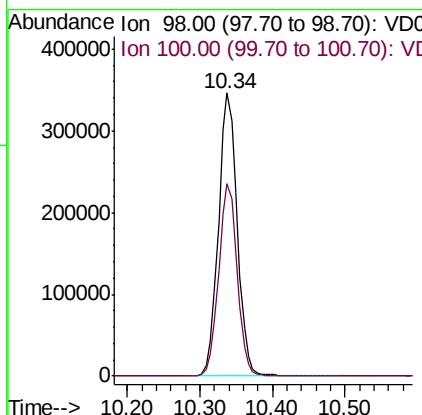
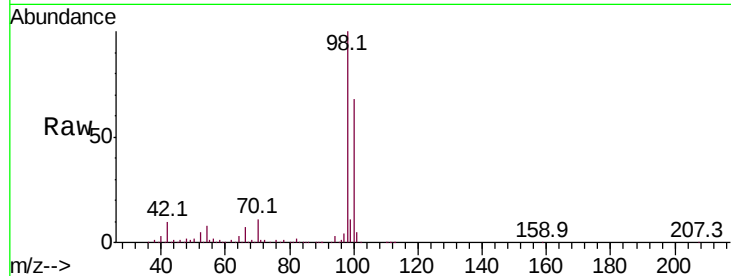




#50
Toluene-d8
Concen: 48.509 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

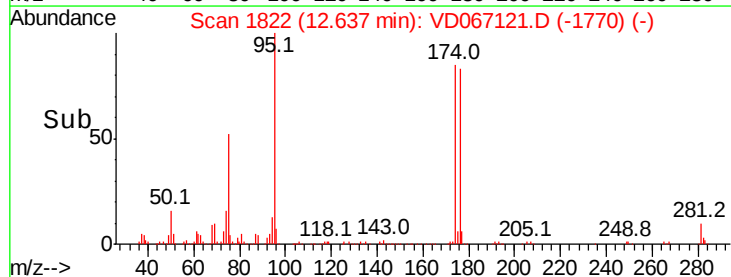
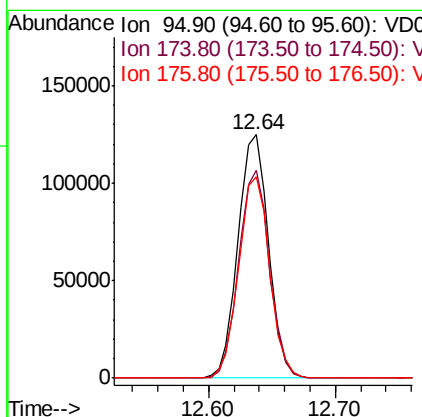
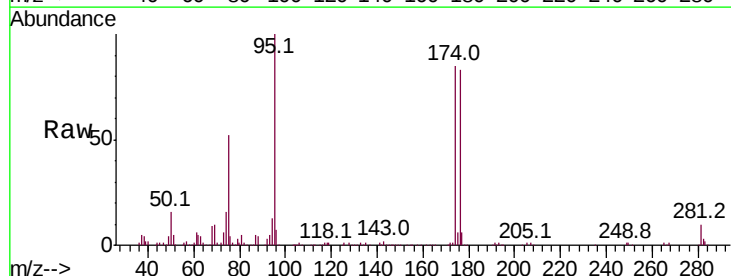
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL02

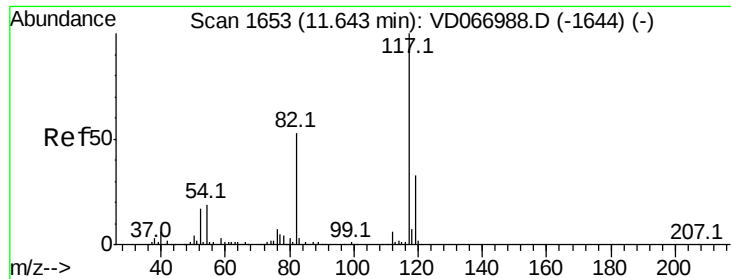
Tot Ion: 98 Resp: 625025
Ion Ratio Lower Upper
98 100
100 67.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.667 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

Tgt Ion: 95 Resp: 208497
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 83.5 0.0 162.4

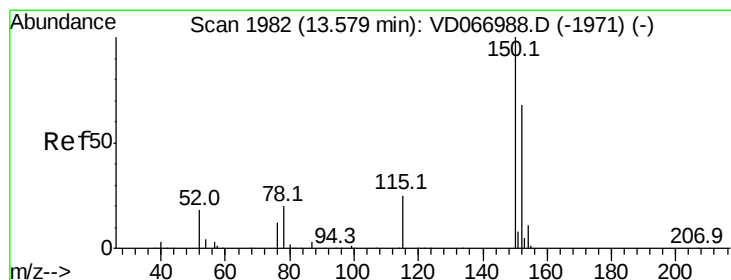
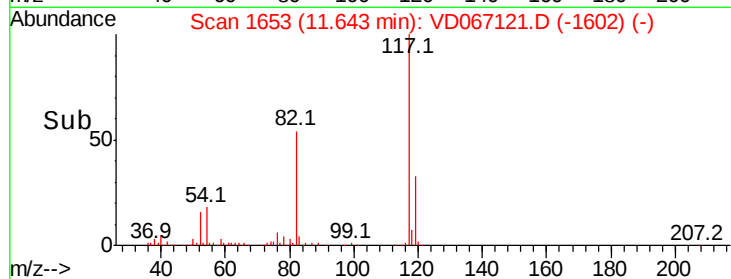
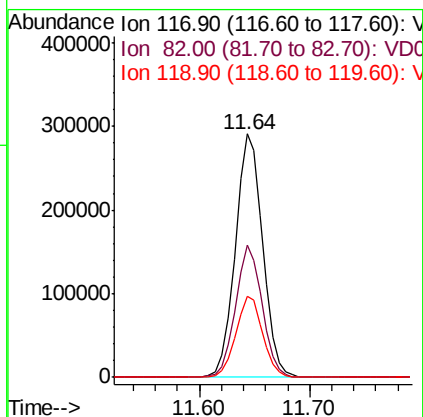
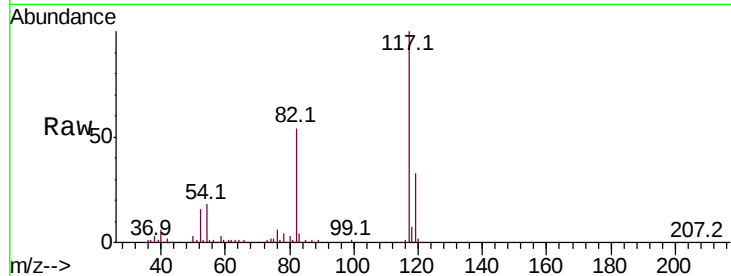




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

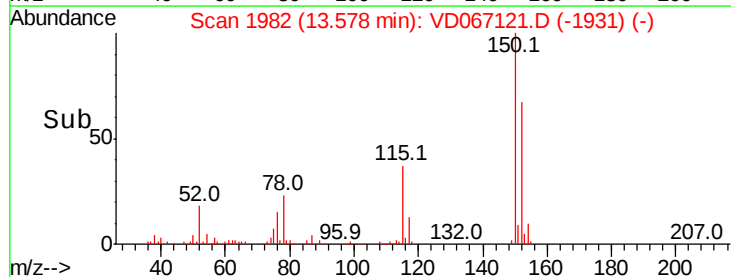
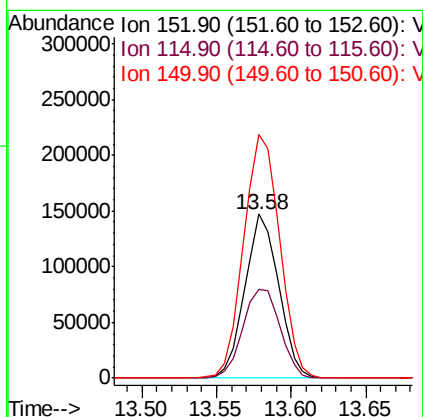
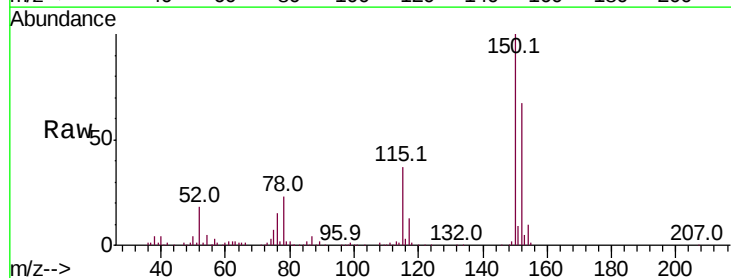
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL02

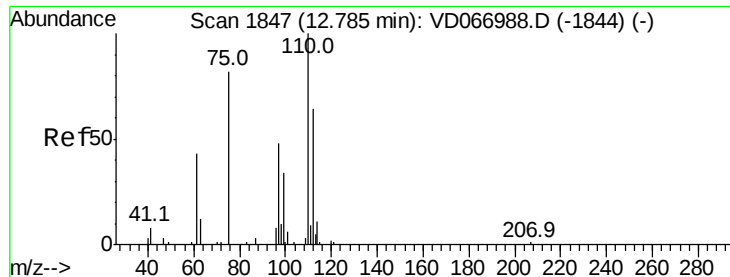
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	63.8
119	33.1	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.6	88.8
150	157.9	0.0	344.8





#76

1,2,3-Trichloropropane

Concen: 53.331 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

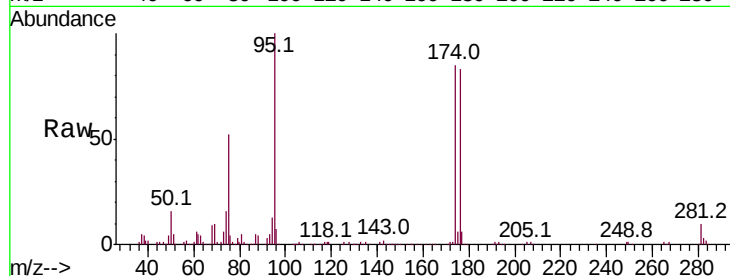
VD1006SBL02

Tot Ion: 75 Resp: 107383

Ion Ratio Lower Upper

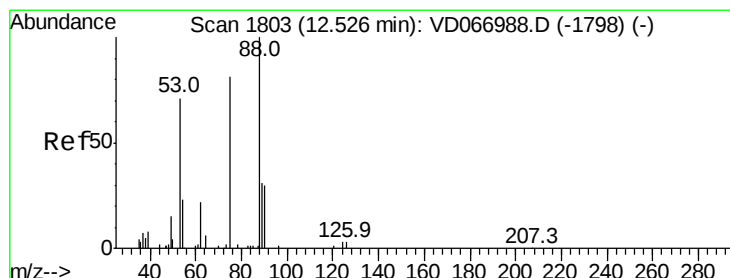
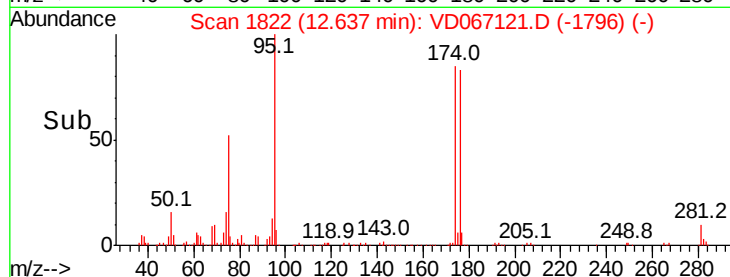
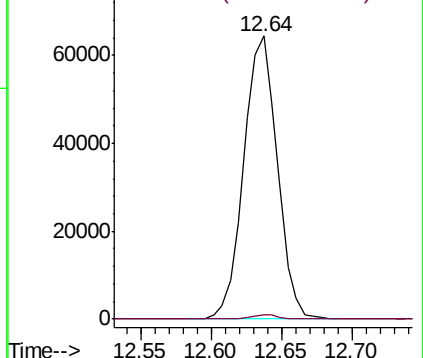
75 100

77 1.3 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: 132.961 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

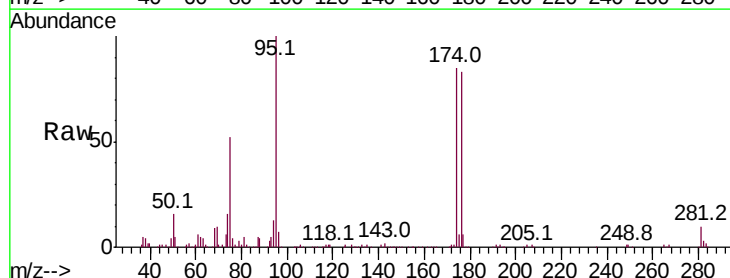
Tgt Ion: 75 Resp: 107383

Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.1 38.9 58.3#



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

