

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066758.D
 Acq On : 18 Sep 2020 11:34
 Operator : VA/SY
 Sample : VD0918SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBL01

Quant Time: Sep 19 03:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

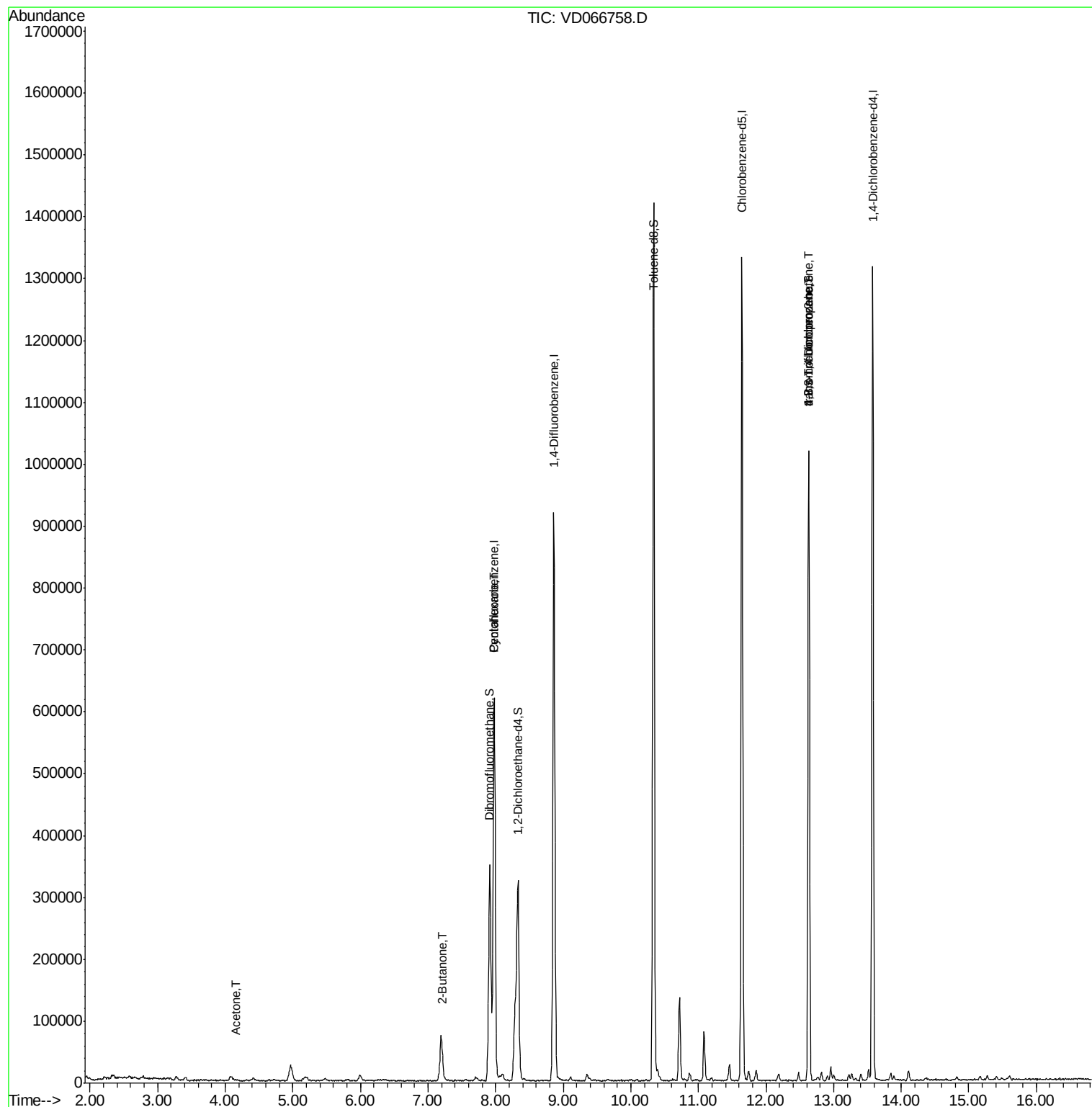
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	426620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	766092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	732447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	322837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248414	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
35) Dibromofluoromethane	7.91	113	248682	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.34	98	926821	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
62) 4-Bromofluorobenzene	12.63	95	311997	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	2251	Below Cal		89
11) Tert butyl alcohol	5.24	59	302	Below Cal	#	11
16) Acetone	4.17	43	2930	3.161	ug/l	97
18) Methyl Acetate	4.73	43	131	Below Cal	#	52
20) Methylene Chloride	4.97	84	18875	Below Cal		95
25) 2-Butanone	7.21	43	4635	3.840	ug/l #	85
31) Cyclohexane	7.97	56	14430	1.795	ug/l #	34
76) 1,2,3-Trichloropropane	12.63	75	170857	61.830	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	170857	133.439	ug/l #	8

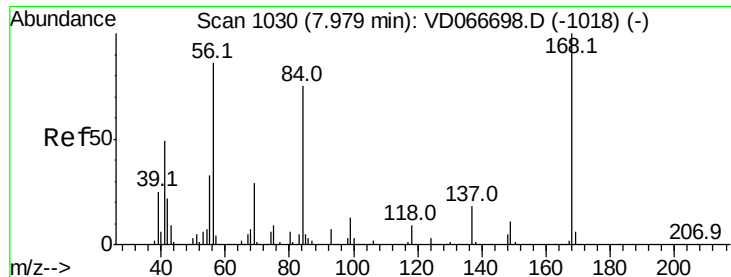
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
Data File : VD066758.D
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0918SBL01

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QLast Update : Tue Sep 15 16:35:37 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: VD066758.D

Acq: 18 Sep 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

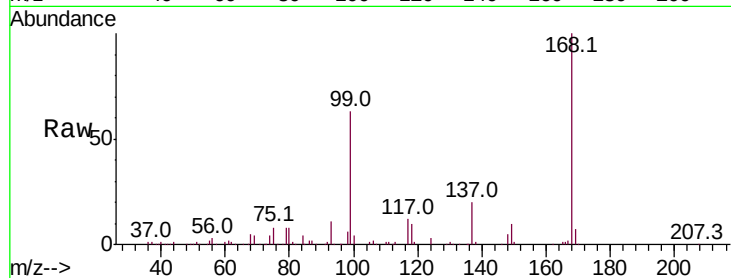
VD0918SBL01

Tot Ion:168 Resp: 426620

Ion Ratio Lower Upper

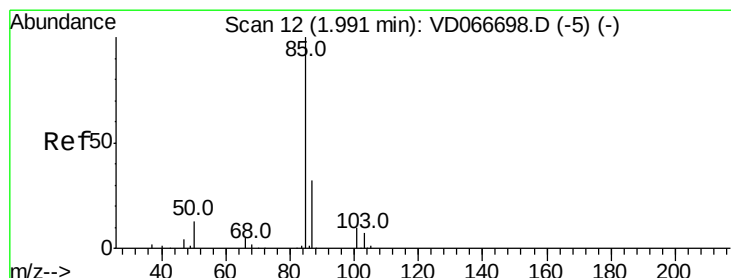
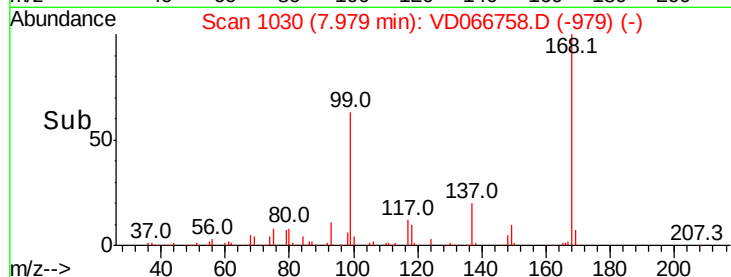
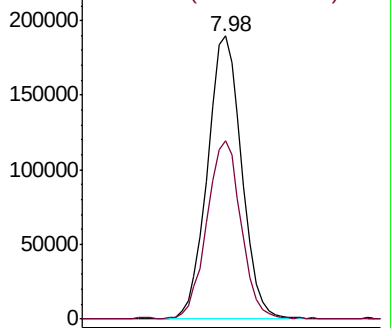
168 100

99 62.5 54.4 81.6



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: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066758.D

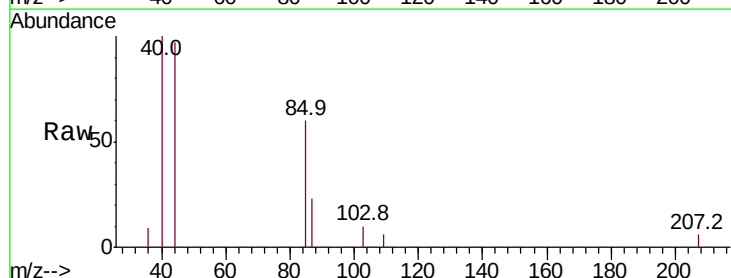
Acq: 18 Sep 2020 11:34

Tgt Ion: 85 Resp: 2251

Ion Ratio Lower Upper

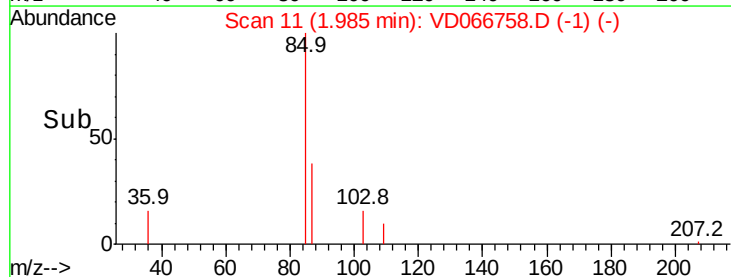
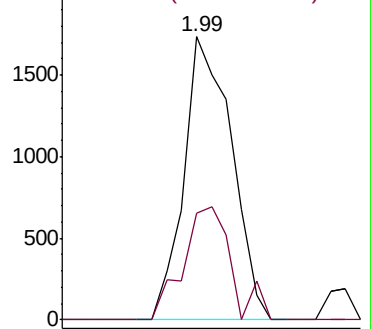
85 100

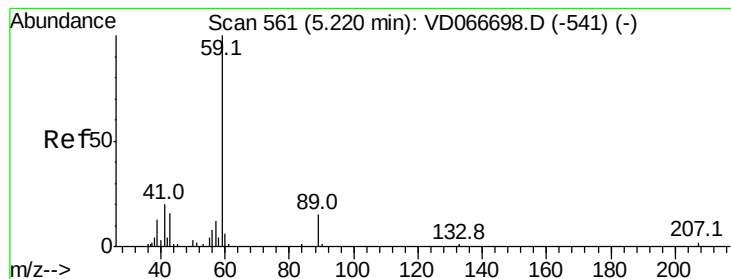
87 37.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



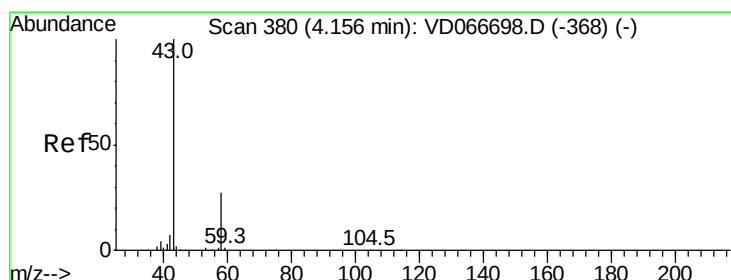
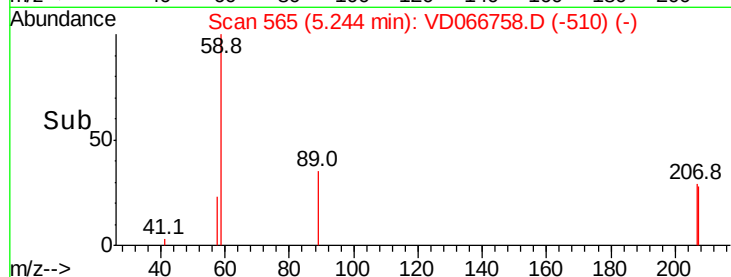
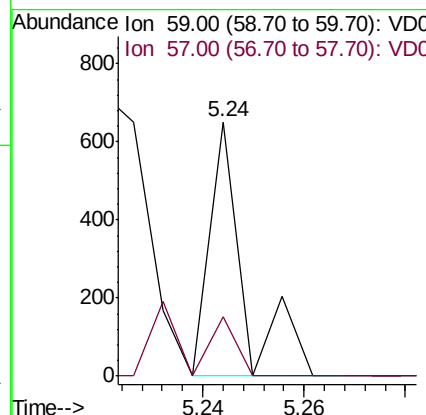
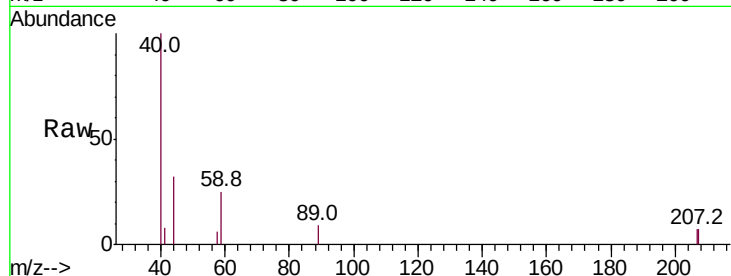


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: VD066758.D
 Acq: 18 Sep 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBL01

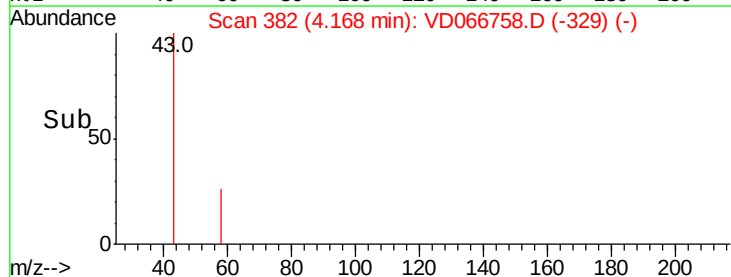
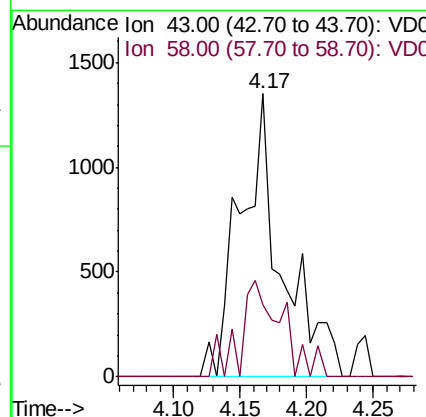
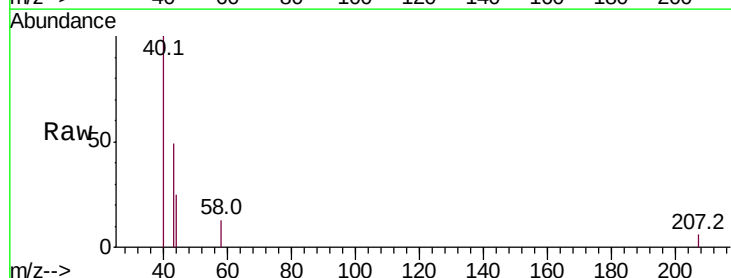
Tot Ion: 59 Resp: 302
 Ion Ratio Lower Upper
 59 100
 57 40.1 6.7 10.1#

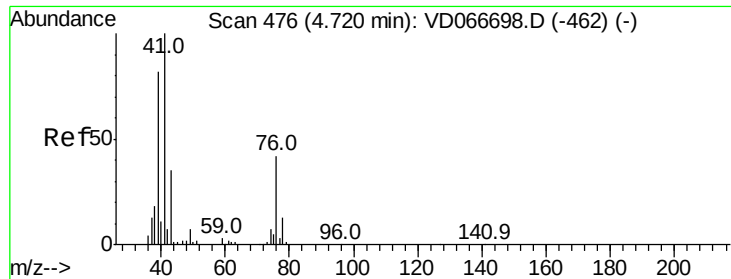


#16

Acetone
 Concen: 3.161 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD066758.D
 Acq: 18 Sep 2020 11:34

Tgt Ion: 43 Resp: 2930
 Ion Ratio Lower Upper
 43 100
 58 25.7 21.9 32.9

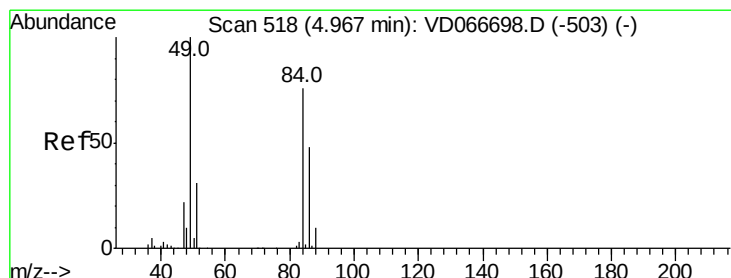
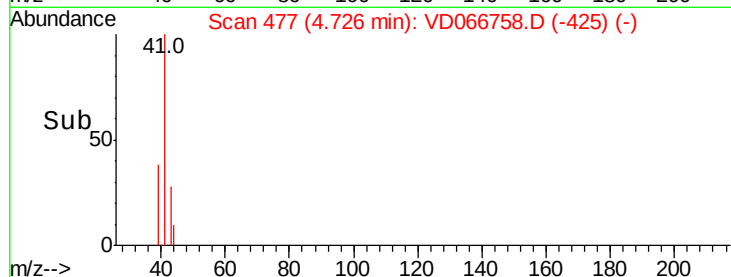
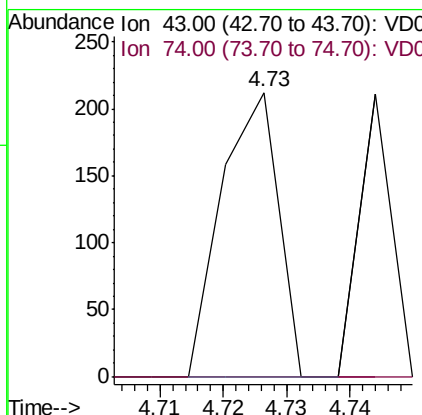
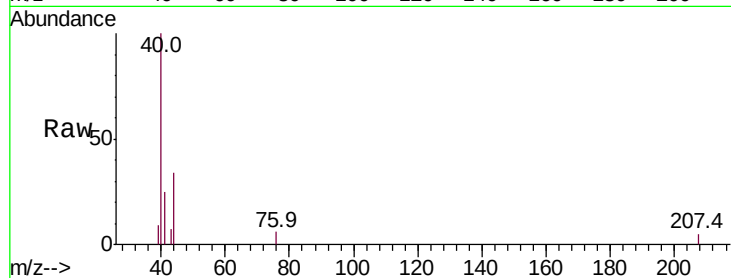




#18
Methyl Acetate
Concen: Below Cal
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD066758.D
Acq: 18 Sep 2020 11:34

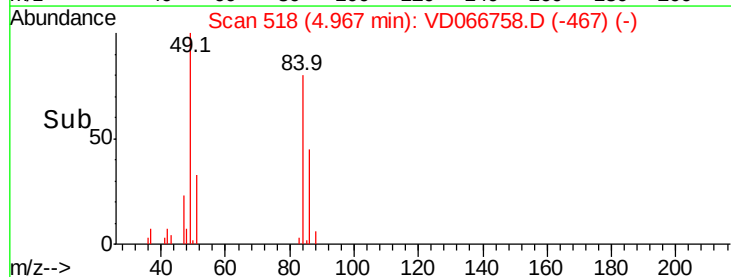
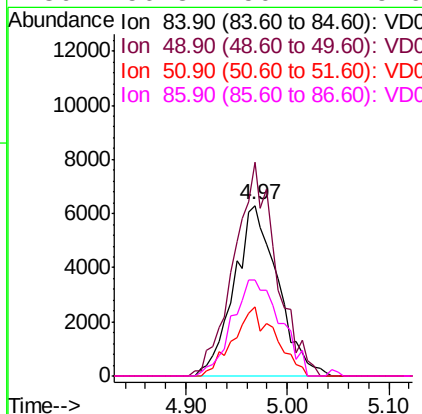
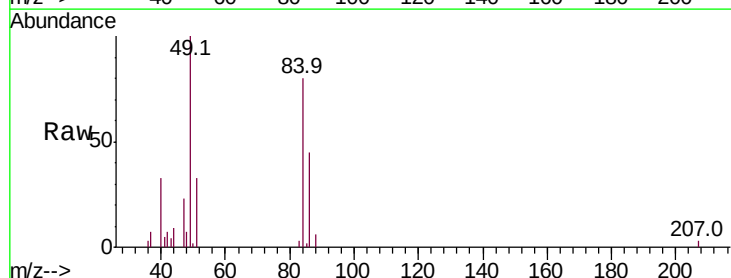
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBL01

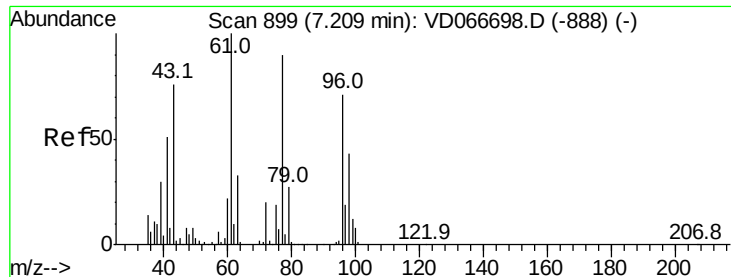
Tot Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066758.D
Acq: 18 Sep 2020 11:34

Tgt Ion: 84 Resp: 18875
Ion Ratio Lower Upper
84 100
49 125.3 105.0 157.6
51 40.9 32.2 48.4
86 56.3 50.4 75.6





#25

2-Butanone

Concen: 3.840 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066758.D

Acq: 18 Sep 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

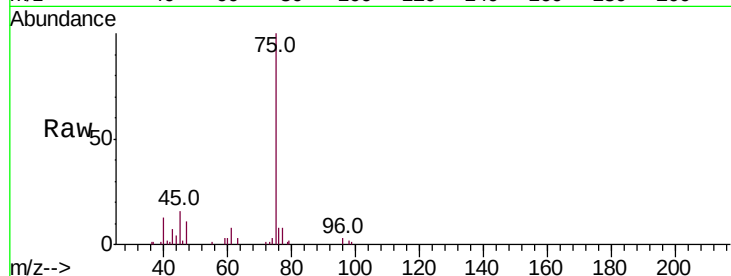
VD0918SBL01

Tot Ion: 43 Resp: 4635

Ion Ratio Lower Upper

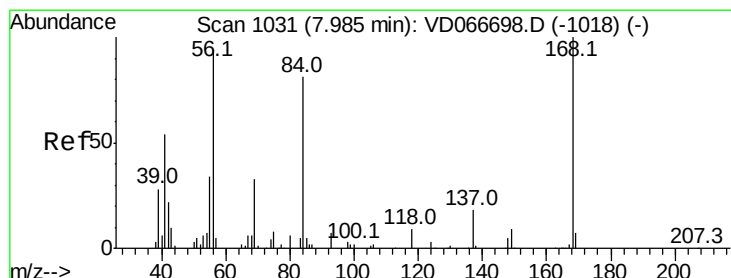
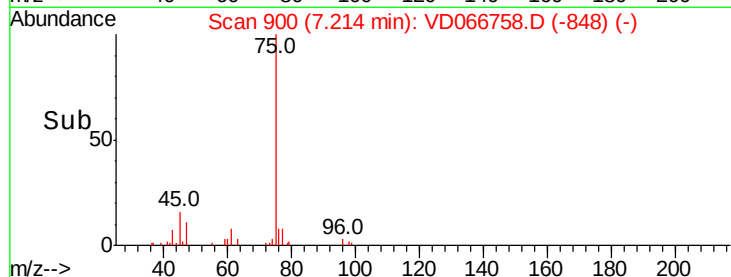
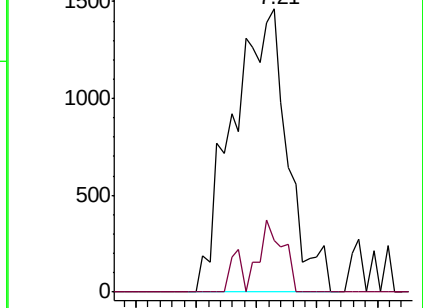
43 100

72 18.3 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.795 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066758.D

Acq: 18 Sep 2020 11:34

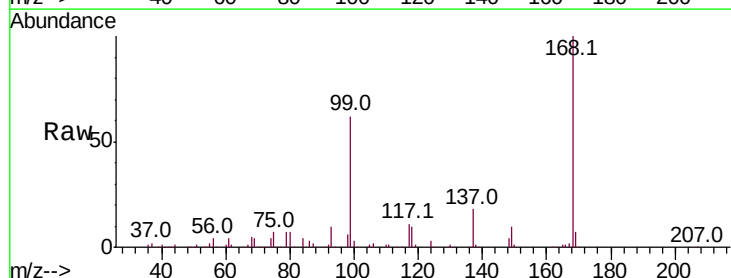
Tgt Ion: 56 Resp: 14430

Ion Ratio Lower Upper

56 100

69 110.3 27.7 41.5#

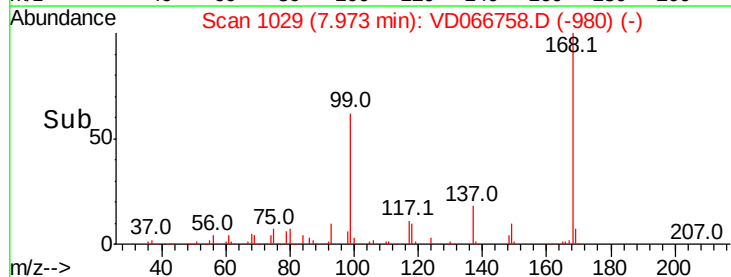
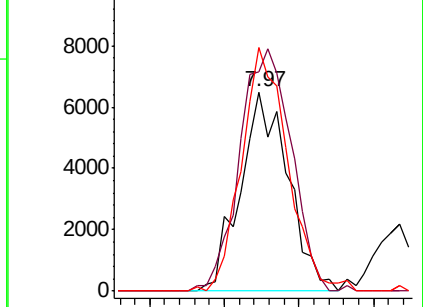
84 122.4 68.5 102.7#

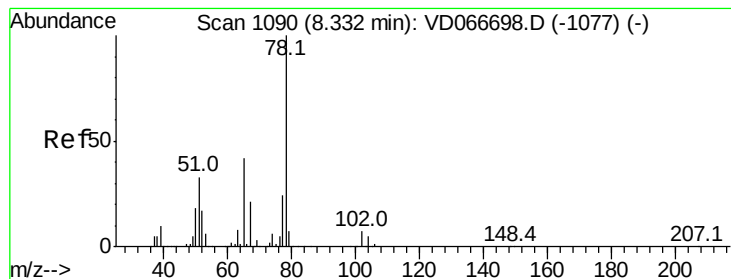


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 54.575 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066758.D

Acq: 18 Sep 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

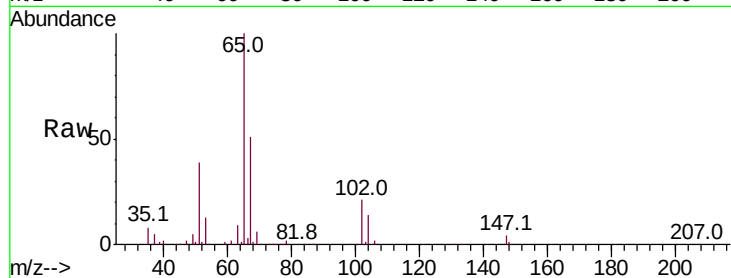
VD0918SBL01

Tot Ion: 65 Resp: 248414

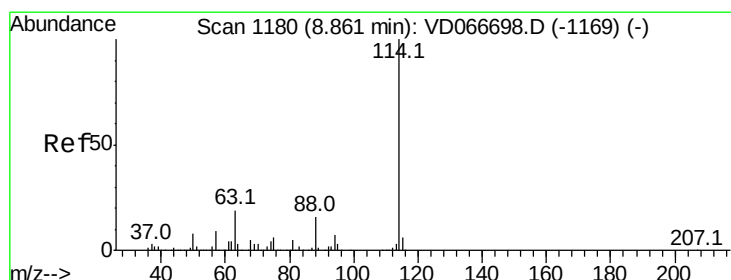
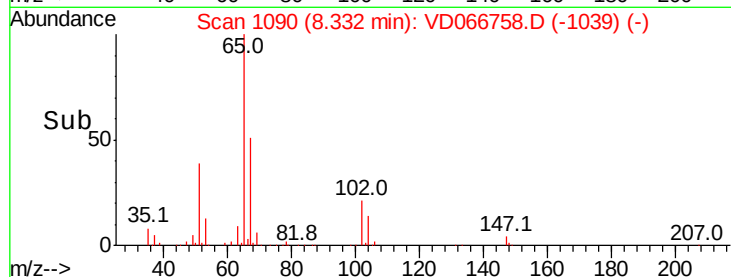
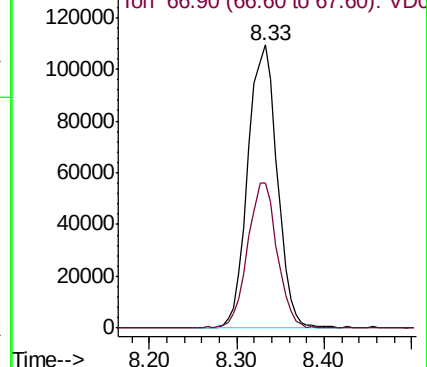
Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066758.D

Acq: 18 Sep 2020 11:34

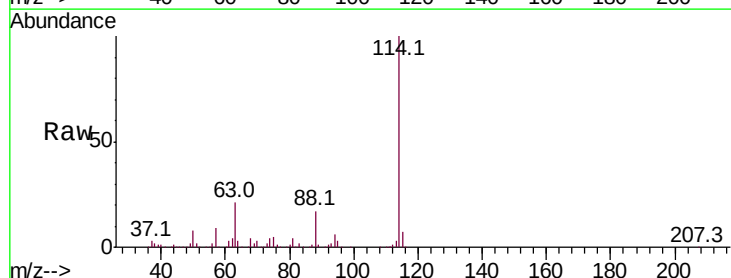
Tgt Ion: 114 Resp: 766092

Ion Ratio Lower Upper

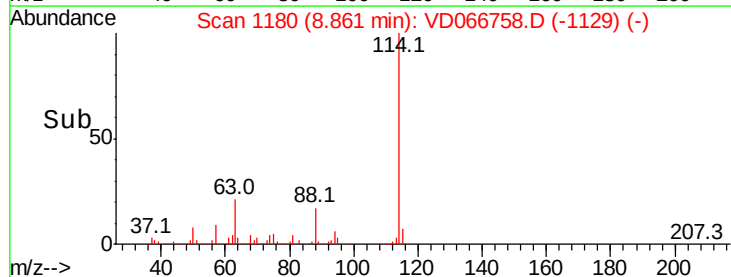
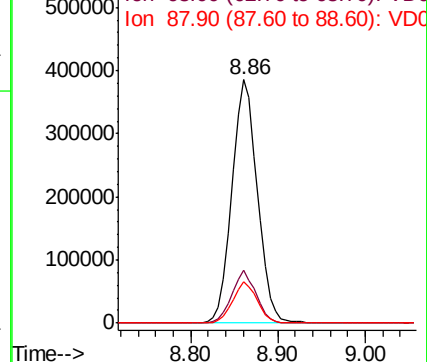
114 100

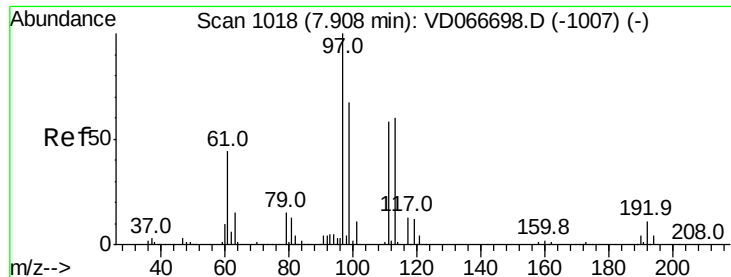
63 21.5 0.0 37.6

88 16.8 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

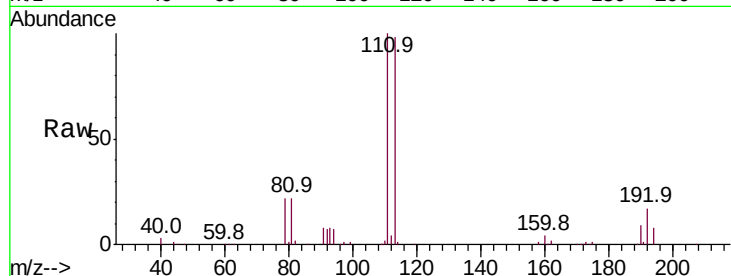




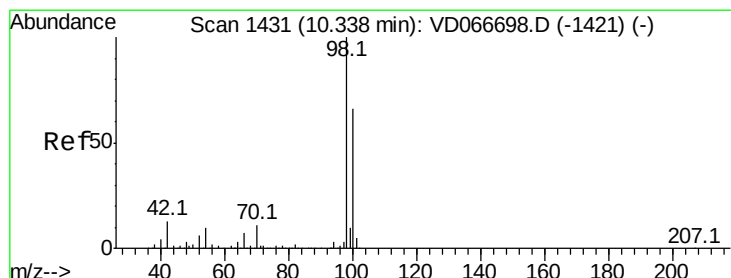
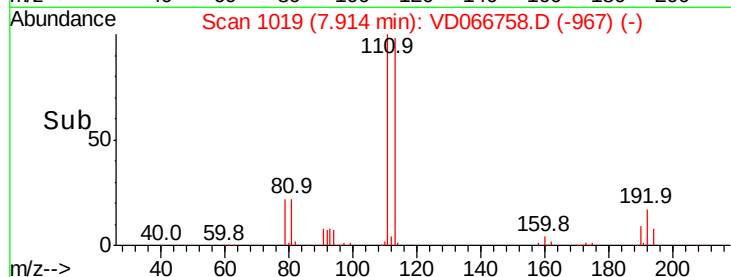
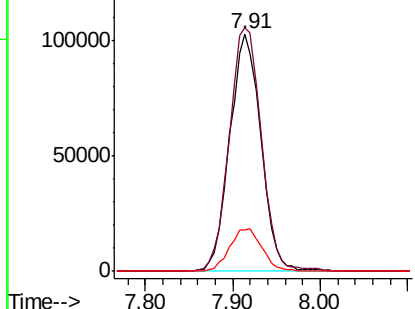
#35
 Dibromofluoromethane
 Concen: 52.946 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066758.D
 Acq: 18 Sep 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBL01

Tot Ion:113 Resp: 248682
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.2 124.8
 192 18.4 14.8 22.2

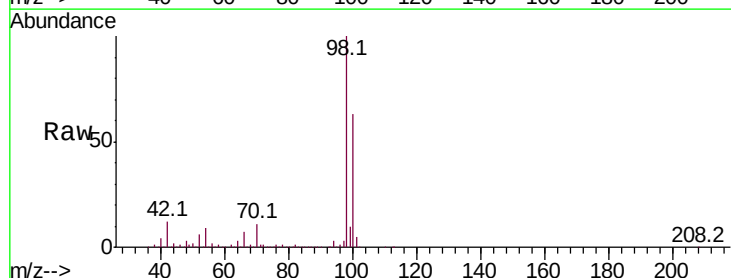


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

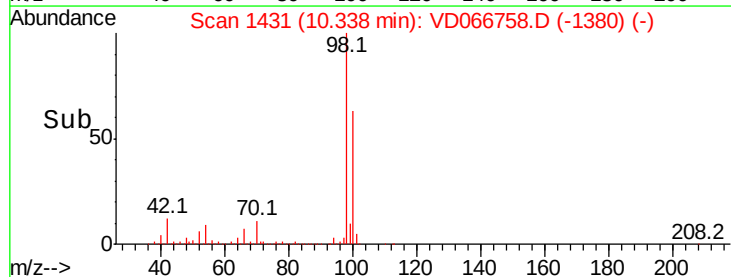
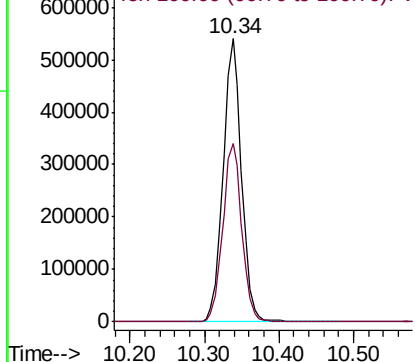


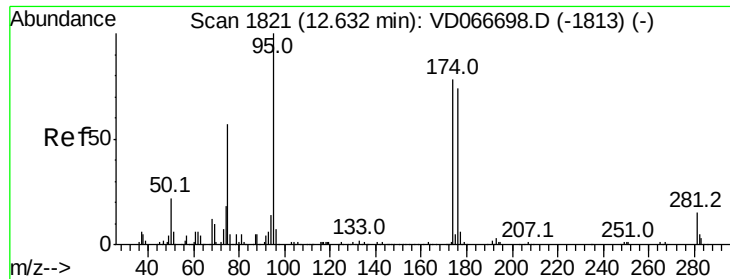
#50
 Toluene-d8
 Concen: 55.386 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066758.D
 Acq: 18 Sep 2020 11:34

Tgt Ion: 98 Resp: 926821
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

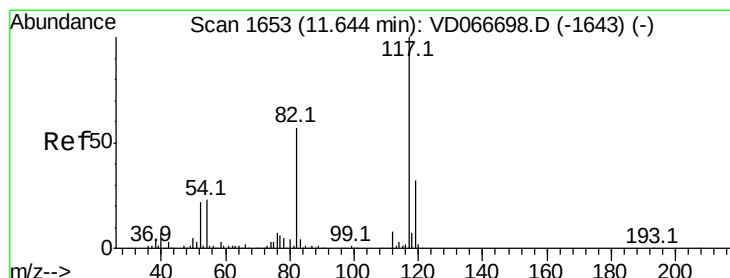
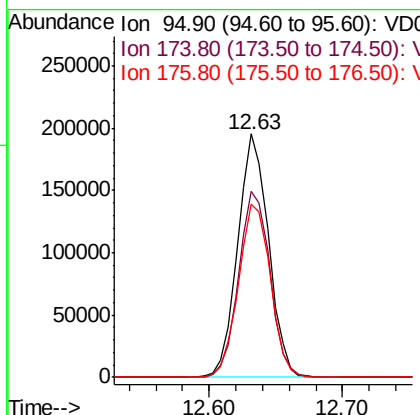
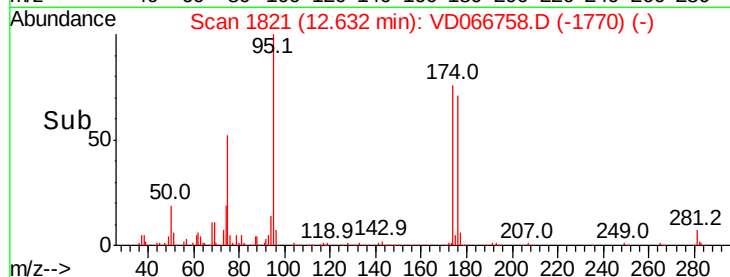
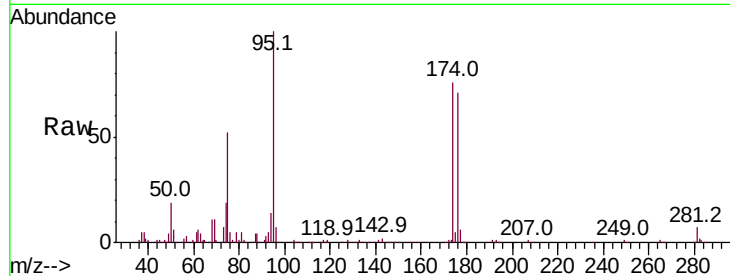




#62
4-Bromofluorobenzene
Concen: 54.013 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066758.D
Acq: 18 Sep 2020 11:34

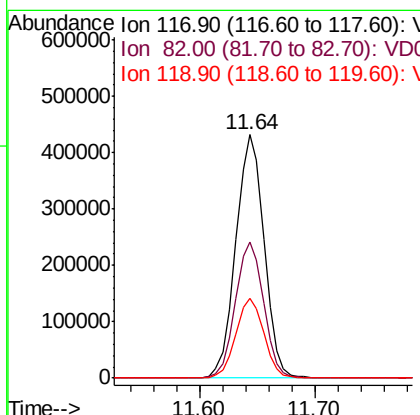
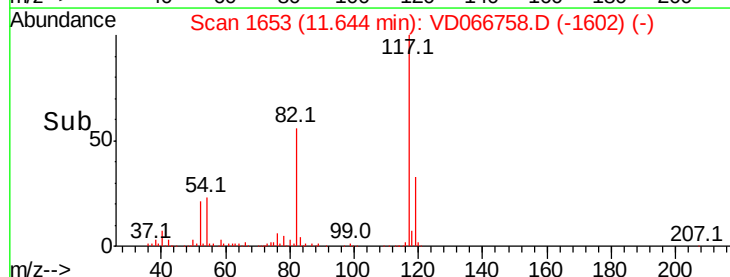
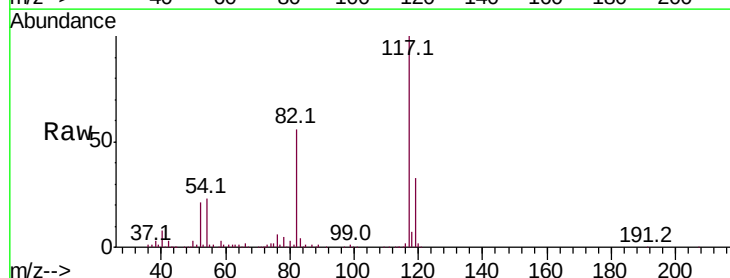
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBL01

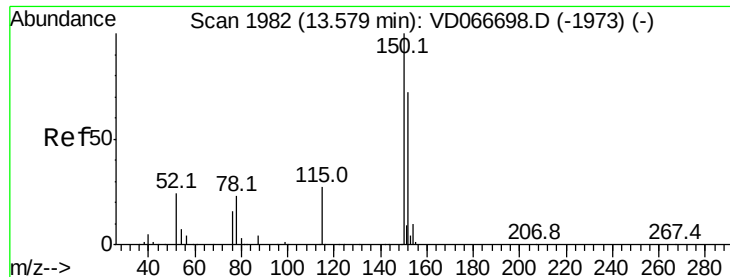
Tot Ion: 95 Resp: 311997
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.6
176 73.6 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066758.D
Acq: 18 Sep 2020 11:34

Tgt Ion: 117 Resp: 732447
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066758.D

Acq: 18 Sep 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBL01

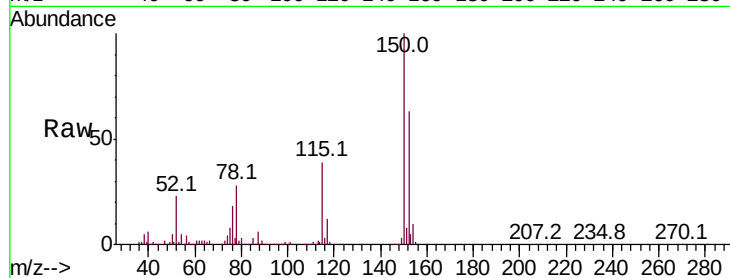
Tot Ion:152 Resp: 322837

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

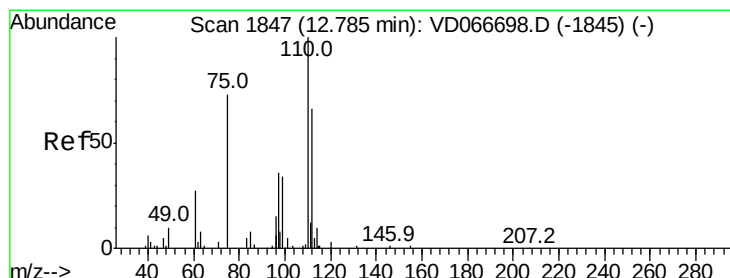
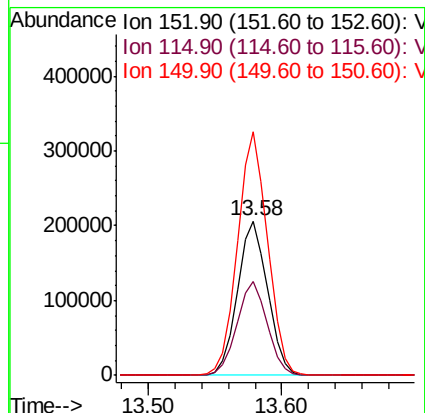
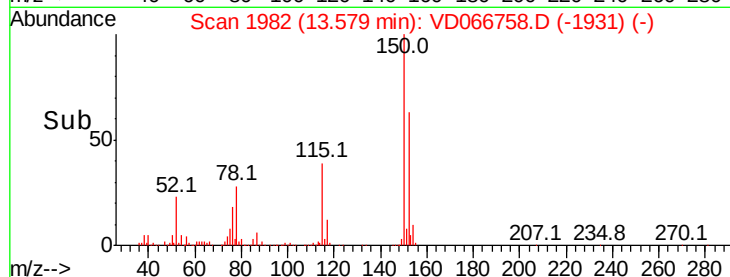
150 156.8 0.0 344.6



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: 61.830 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066758.D

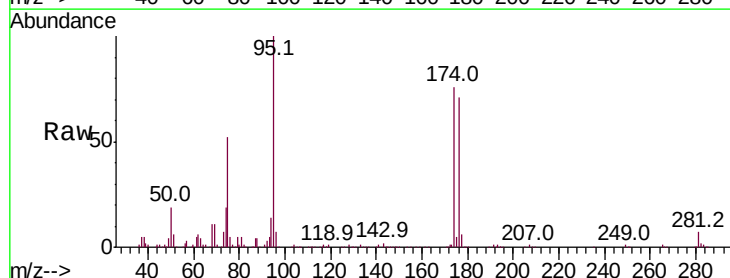
Acq: 18 Sep 2020 11:34

Tgt Ion: 75 Resp: 170857

Ion Ratio Lower Upper

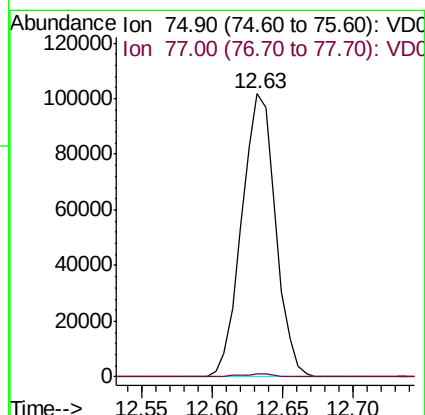
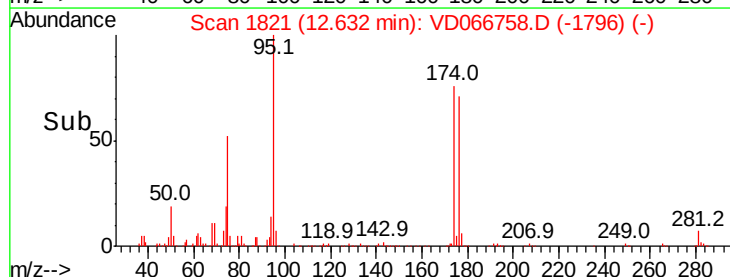
75 100

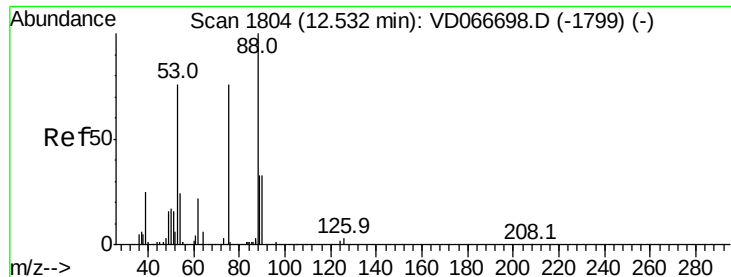
77 1.0 0.0 0.0#



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: 133.439 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066758.D

Acq: 18 Sep 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBL01

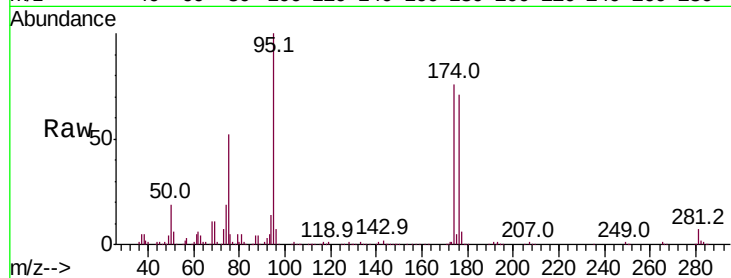
Tot Ion: 75 Resp: 170857

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.2 39.6 59.4#



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

