

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066433.D
 Acq On : 27 Aug 2020 13:33
 Operator : VA/SY
 Sample : L3793-01RE
 Misc : 7.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 27 18:01:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	205552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	299053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	110066	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.91	113	91675	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.34	98	341511	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.63	95	119072	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

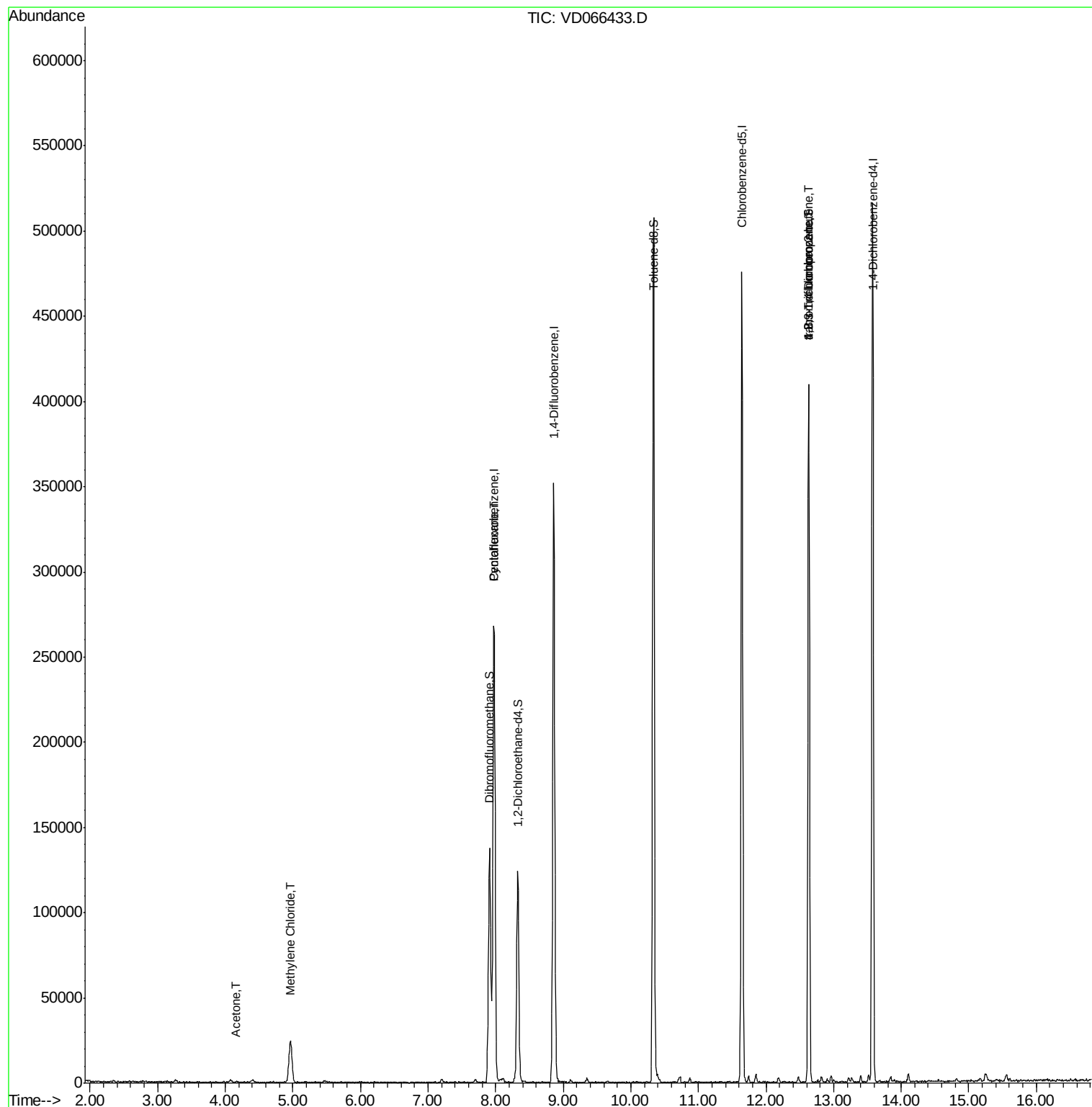
Target Compounds						Qvalue
16) Acetone	4.17	43	543	1.495	ug/l #	46
20) Methylene Chloride	4.96	84	19828	4.443	ug/l	90
31) Cyclohexane	7.98	56	5480	1.958	ug/l #	40
76) 1,2,3-Trichloropropane	12.63	75	68405	69.257	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	68405	147.011	ug/l #	6

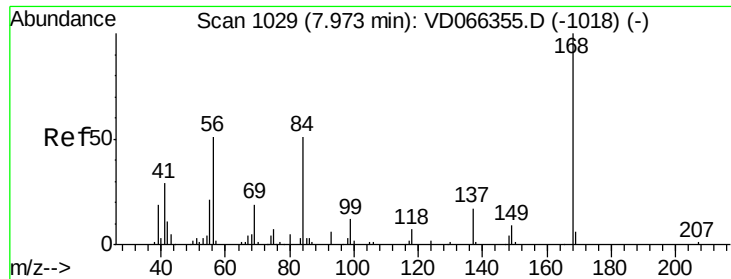
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
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Operator : VA/SY
Sample : L3793-01RE
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Quant Time: Aug 27 18:01:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

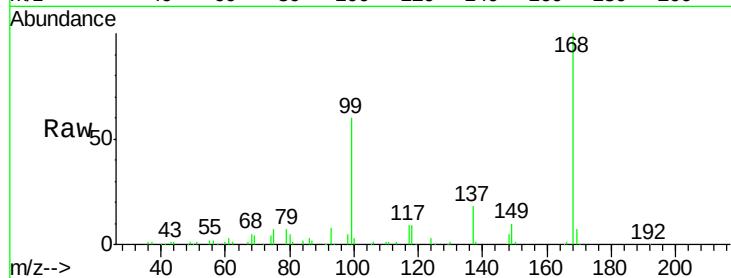
TP-1

Tgt Ion:168 Resp: 205552

Ion Ratio Lower Upper

168 100

99 59.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

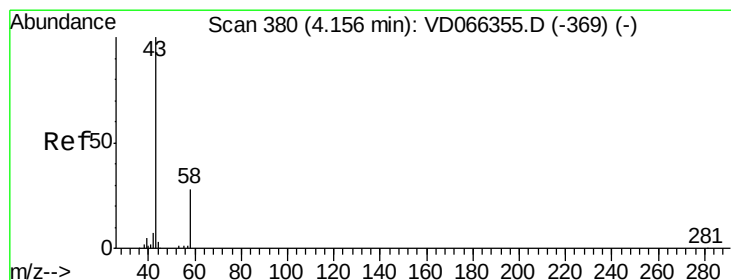
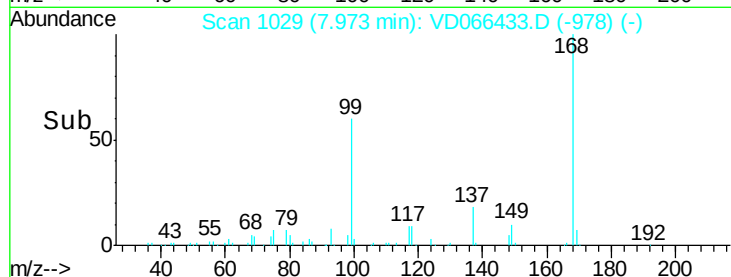
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.495 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066433.D

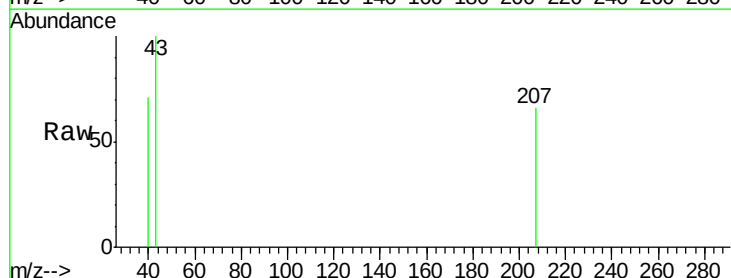
Acq: 27 Aug 2020 13:33

Tgt Ion: 43 Resp: 543

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

400

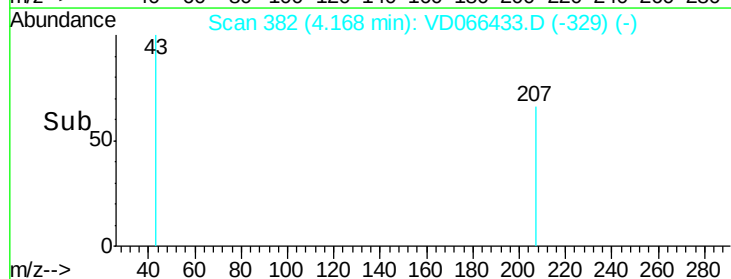
300

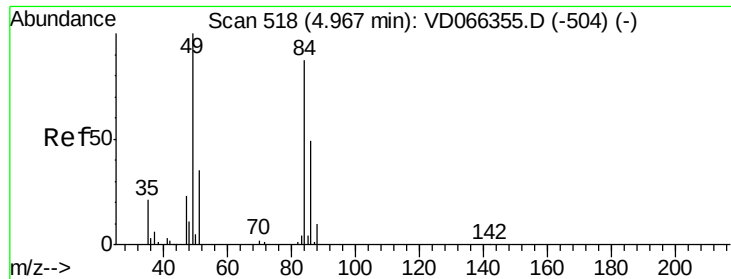
200

100

0

Time-->





#20

Methylene Chloride

Concen: 4.443 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 19828

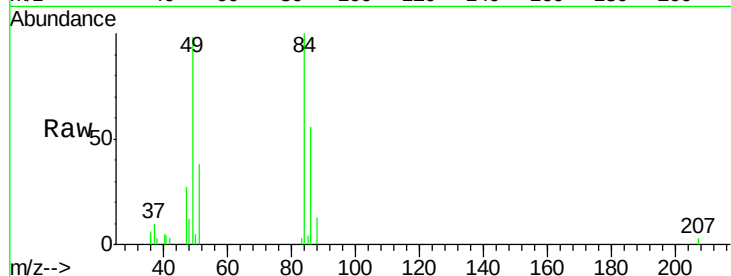
Ion Ratio Lower Upper

84 100

49 97.6 92.5 138.7

51 37.5 32.5 48.7

86 55.9 45.0 67.6

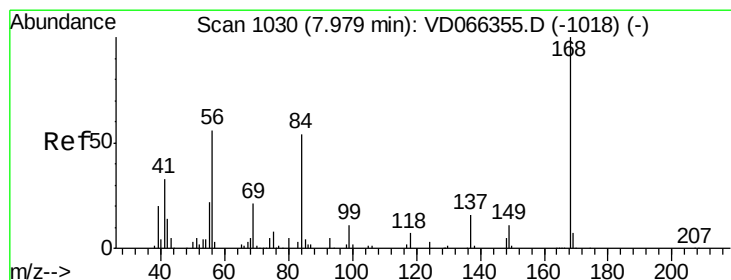
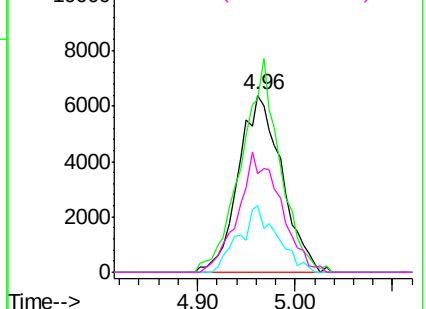
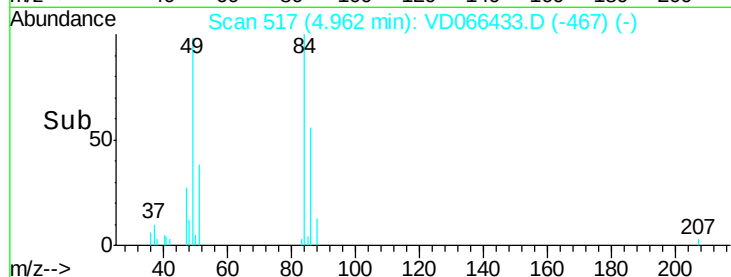


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.958 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

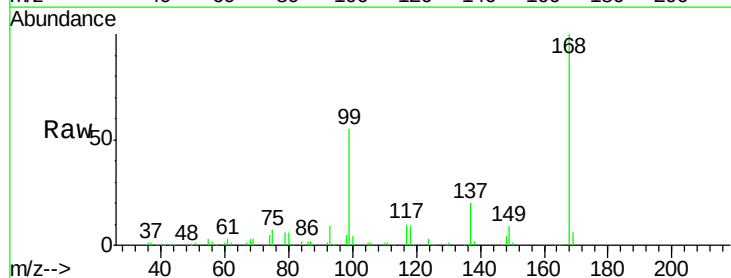
Tgt Ion: 56 Resp: 5480

Ion Ratio Lower Upper

56 100

69 126.5 29.6 44.4#

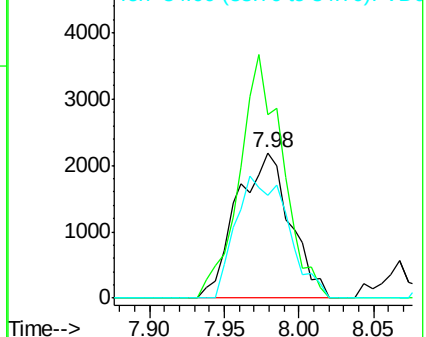
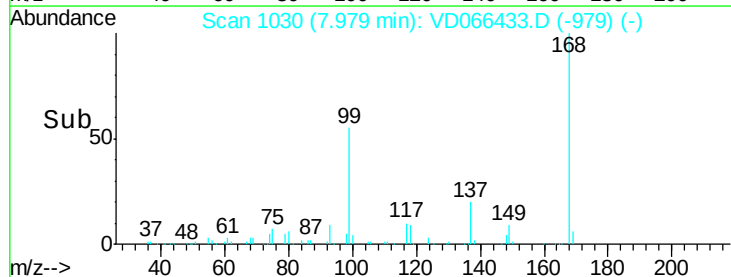
84 70.6 76.6 115.0#

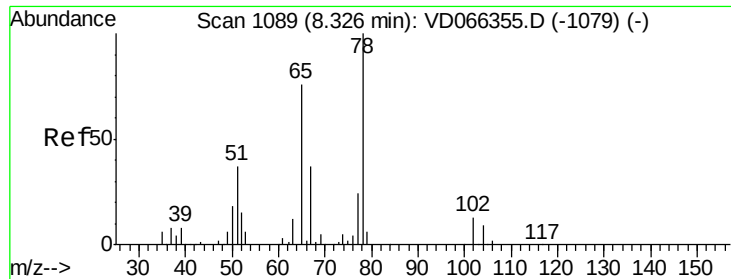


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

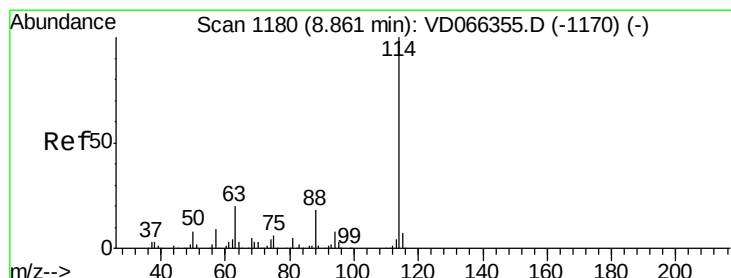
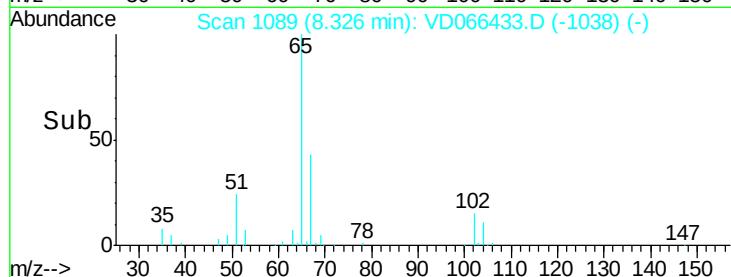
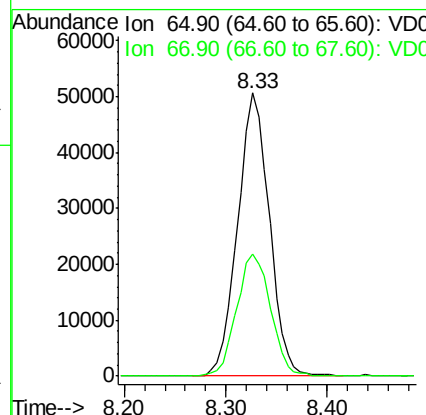
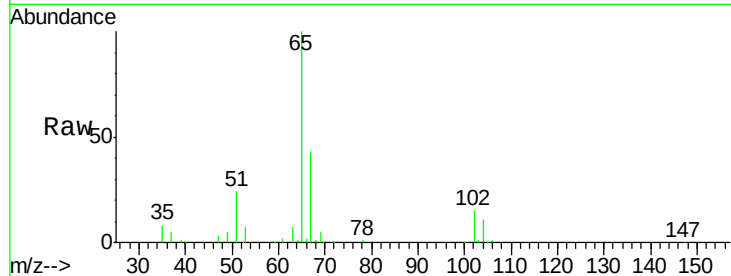




#33
 1,2-Dichloroethane-d4
 Concen: 54.617 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066433.D
 Acq: 27 Aug 2020 13:33

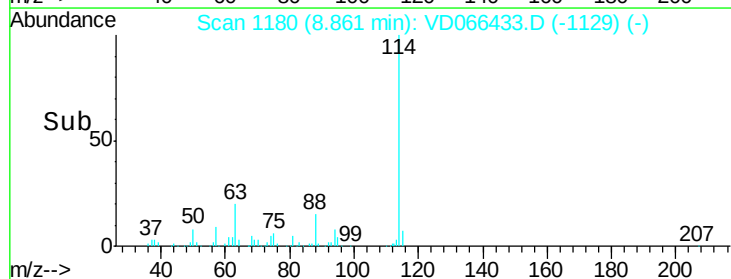
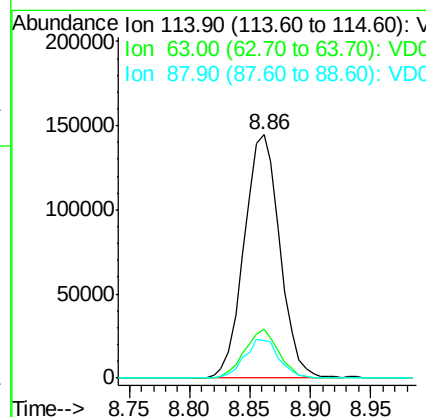
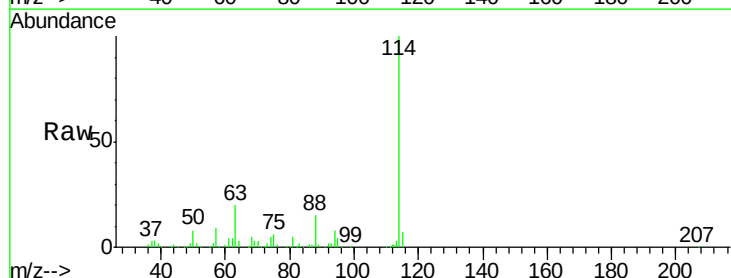
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

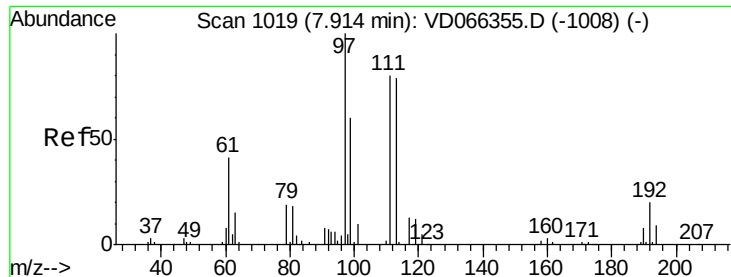
Tgt Ion: 65 Resp: 110066
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066433.D
 Acq: 27 Aug 2020 13:33

Tgt Ion: 114 Resp: 299053
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.4 0.0 35.4

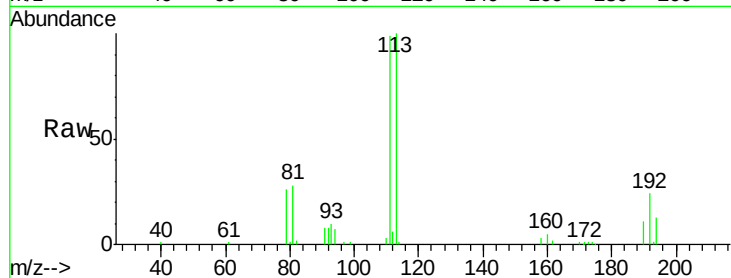




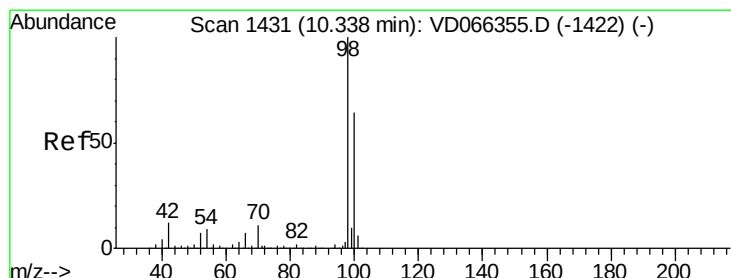
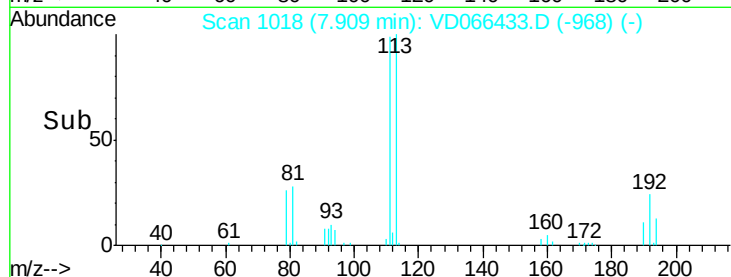
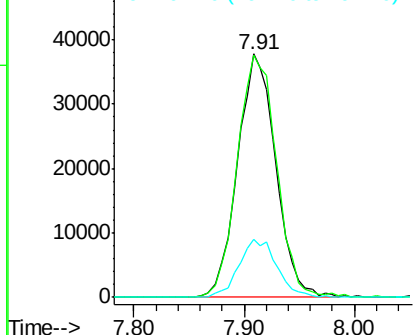
#35
 Dibromofluoromethane
 Concen: 49.024 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066433.D
 Acq: 27 Aug 2020 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tgt Ion: 113 Resp: 91675
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.3 120.5
 192 23.8 19.0 28.6

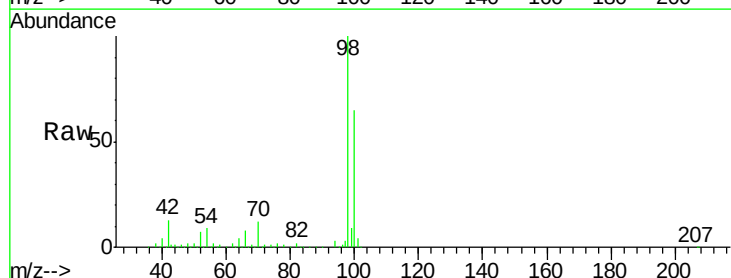


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

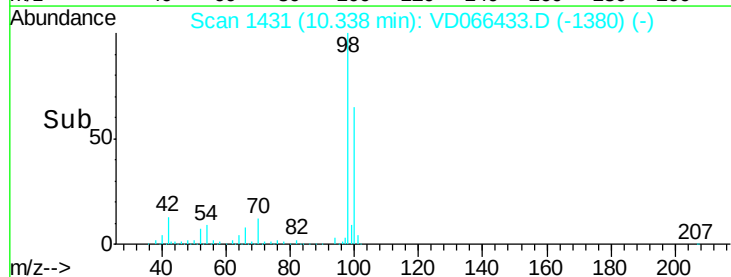
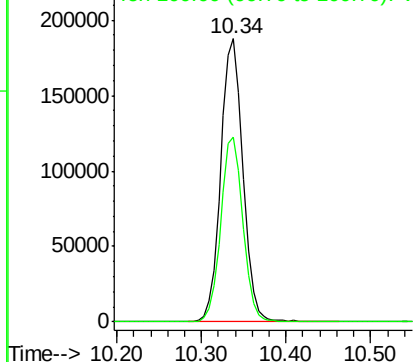


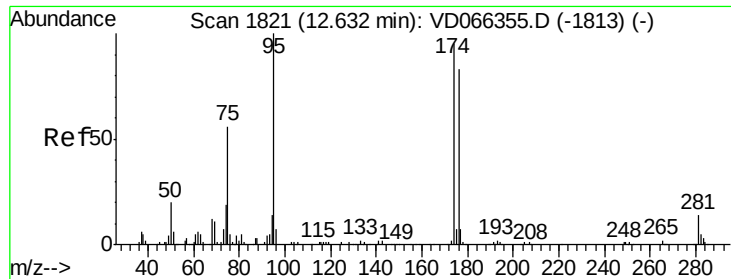
#50
 Toluene-d8
 Concen: 49.913 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066433.D
 Acq: 27 Aug 2020 13:33

Tgt Ion: 98 Resp: 341511
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.0 79.4



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

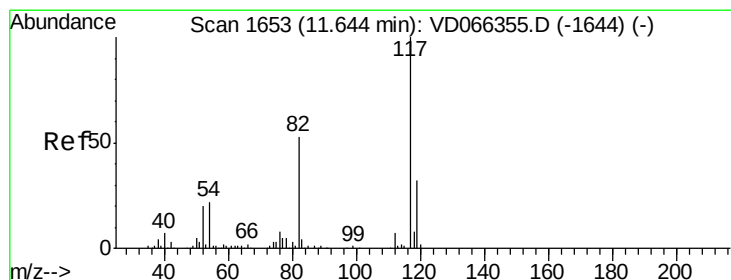
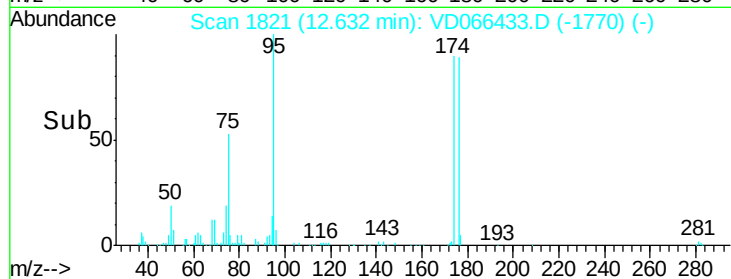
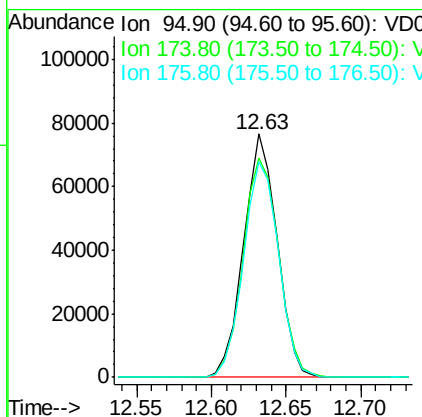
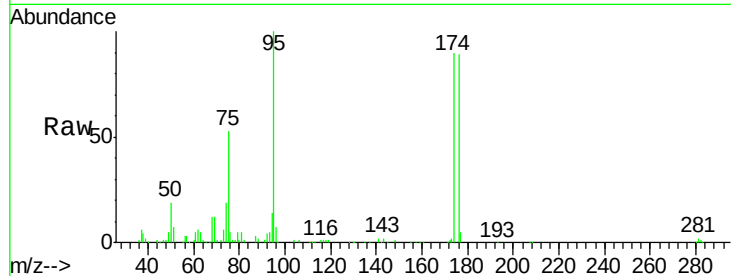




#62
 4-Bromofluorobenzene
 Concen: 49.044 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066433.D
 Acq: 27 Aug 2020 13:33

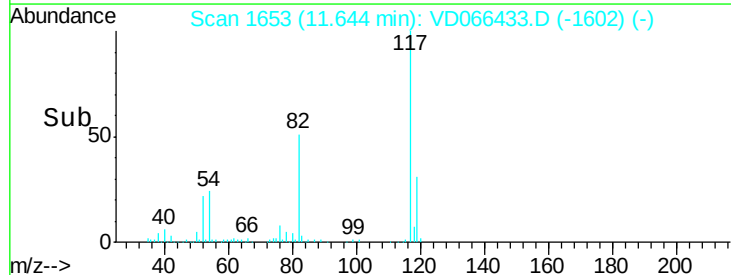
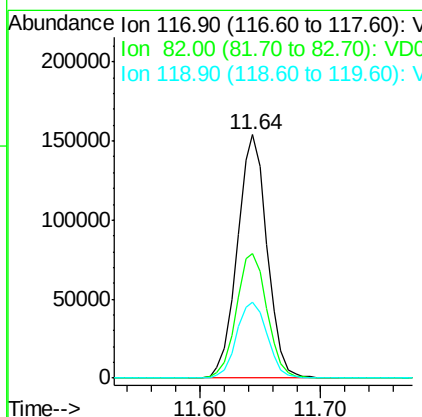
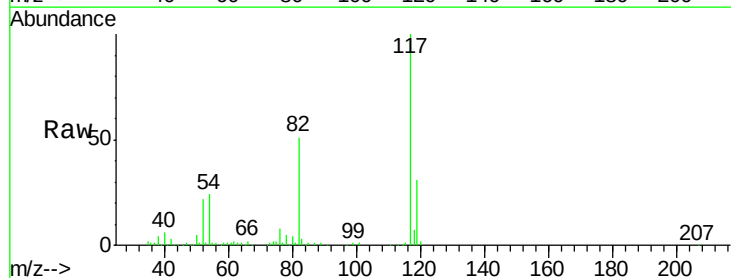
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

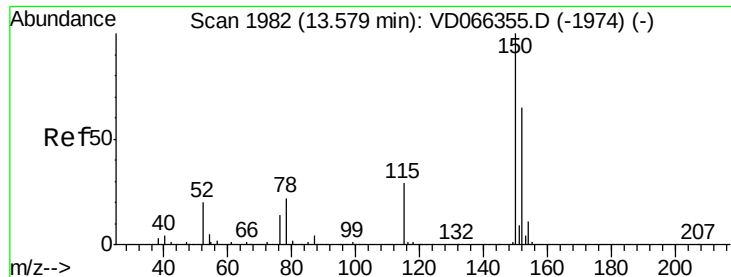
Tgt Ion: 95 Resp: 119072
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 183.4
 176 92.7 0.0 173.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: VD066433.D
 Acq: 27 Aug 2020 13:33

Tgt Ion: 117 Resp: 263934
 Ion Ratio Lower Upper
 117 100
 82 51.4 42.8 64.2
 119 31.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

TP-1

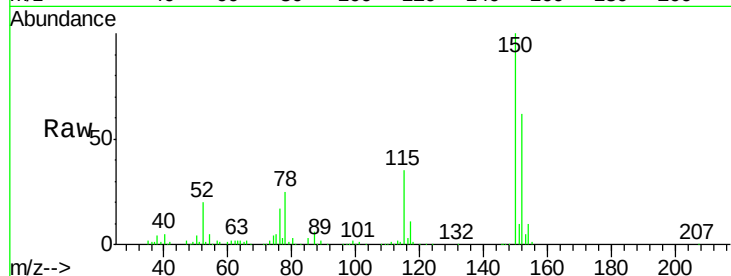
Tgt Ion:152 Resp: 140396

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

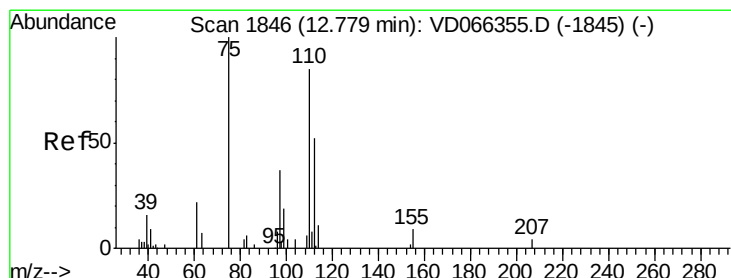
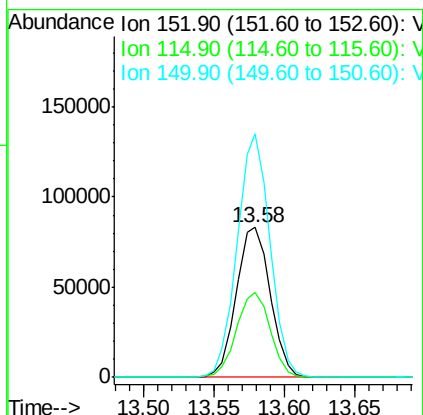
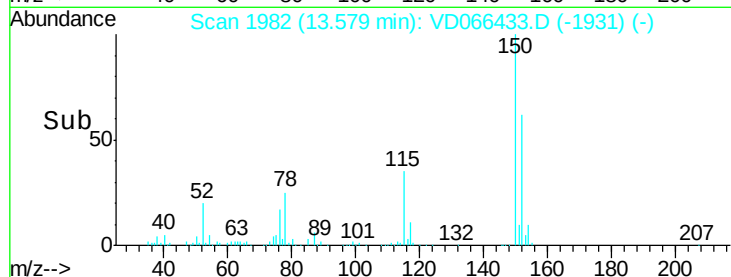
150 156.1 0.0 343.2



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: 69.257 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066433.D

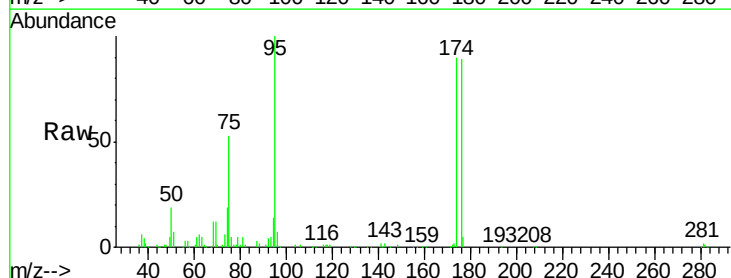
Acq: 27 Aug 2020 13:33

Tgt Ion: 75 Resp: 68405

Ion Ratio Lower Upper

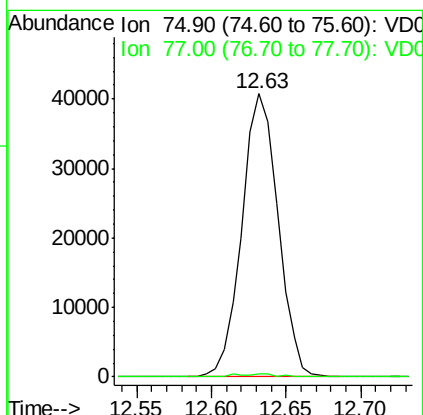
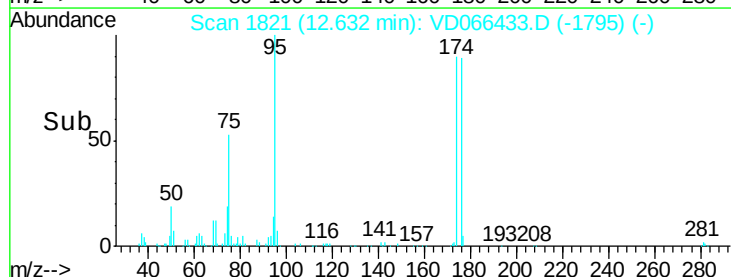
75 100

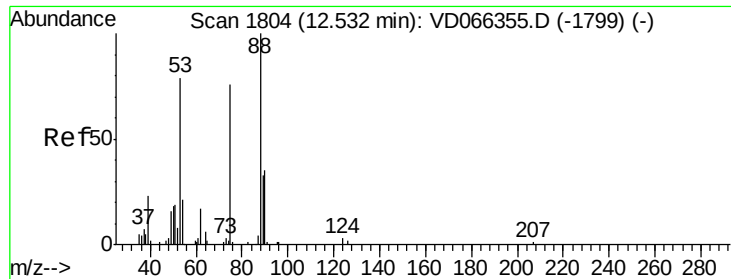
77 1.0 182.9 548.9#



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: 147.011 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

TP-1

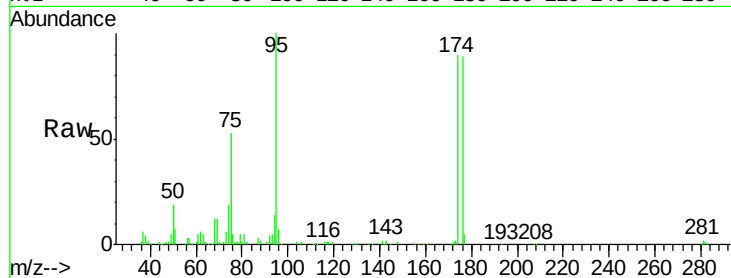
Tgt Ion: 75 Resp: 68405

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#



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

