

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066498.D
 Acq On : 01 Sep 2020 16:11
 Operator : VA/SY
 Sample : L3851-04
 Misc : 6.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 238

Quant Time: Sep 02 01:06:45 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

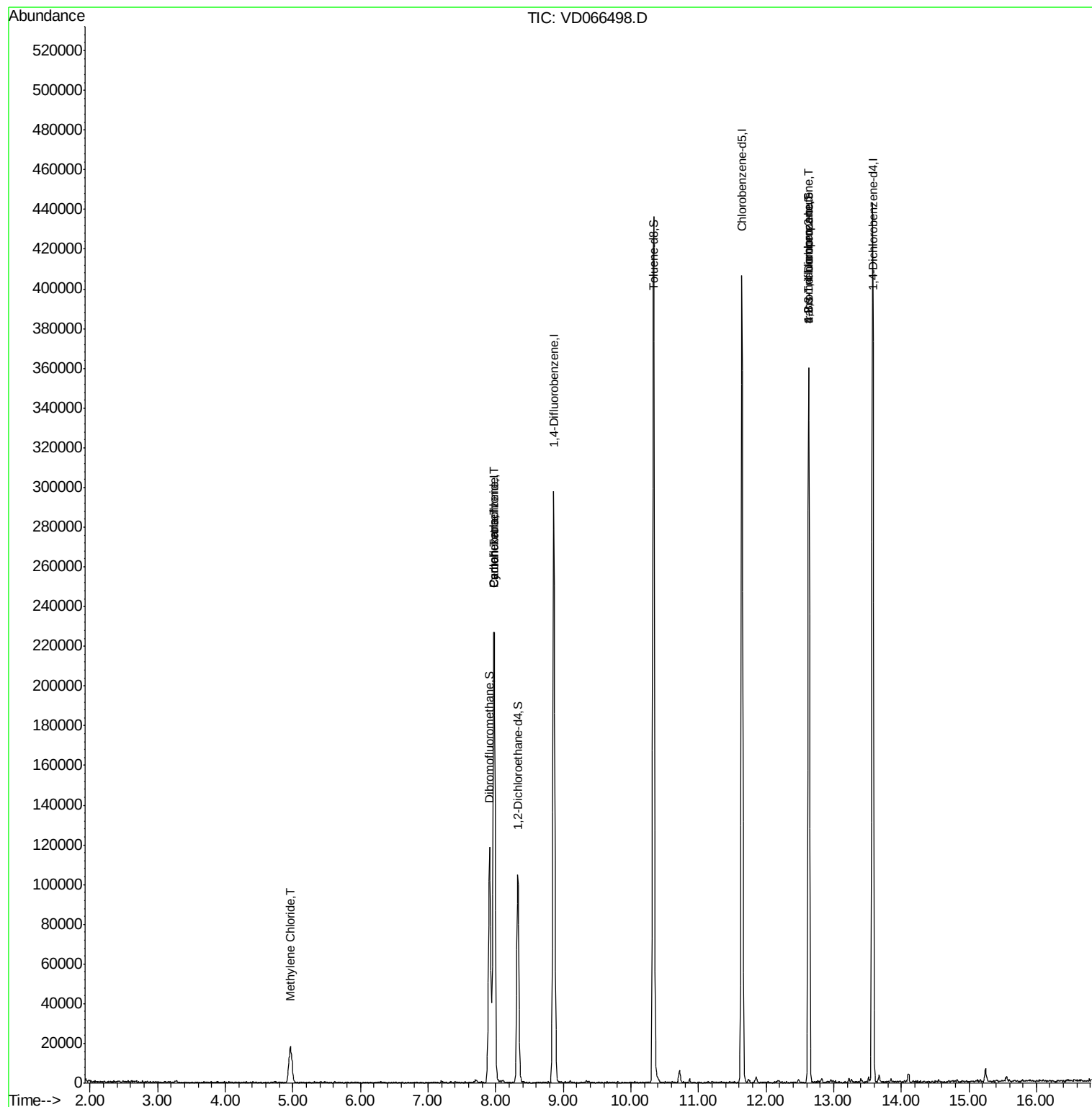
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	174506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	248194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	231701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97857	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.91	113	78528	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.34	98	295364	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.63	95	101861	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
Target Compounds						
20) Methylene Chloride	4.96	84	14843	3.061	ug/l	89
31) Cyclohexane	7.97	56	4600	1.936	ug/l #	53
38) Carbon Tetrachloride	7.98	117	18164	6.156	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	61758	71.965	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	61758	152.759	ug/l #	6

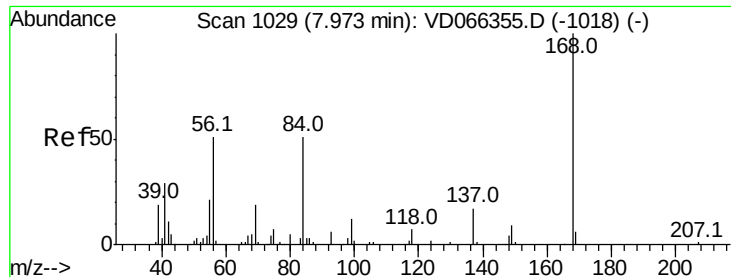
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

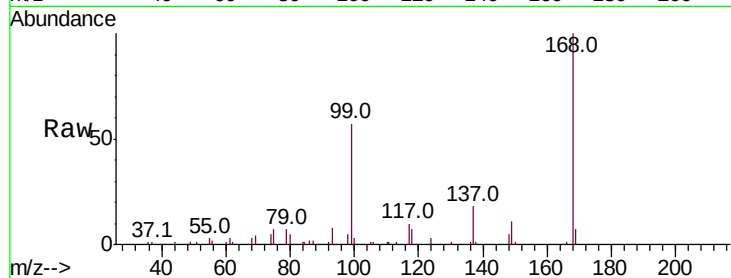
238

Tot Ion:168 Resp: 174506

Ion Ratio Lower Upper

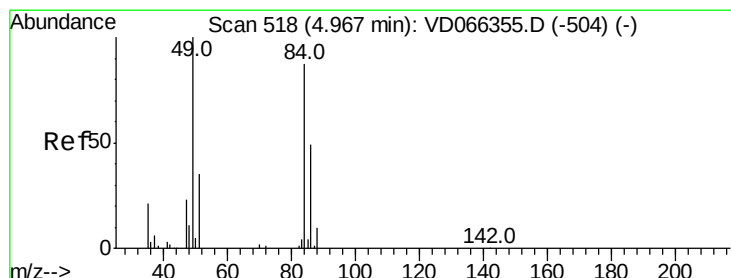
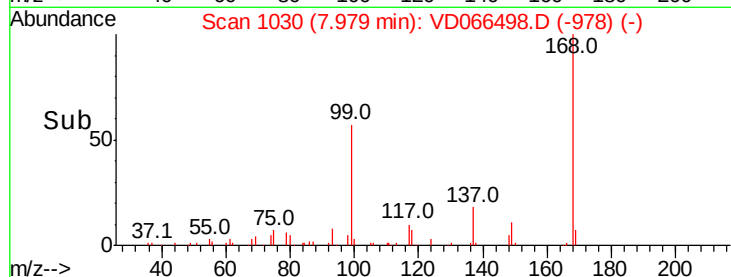
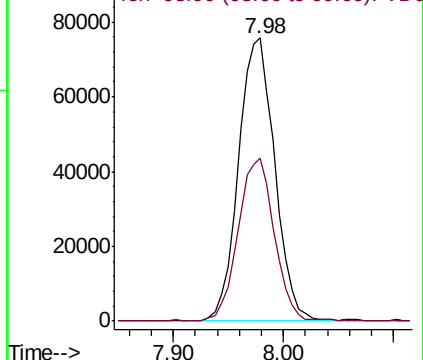
168 100

99 57.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 3.061 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

Tgt Ion: 84 Resp: 14843

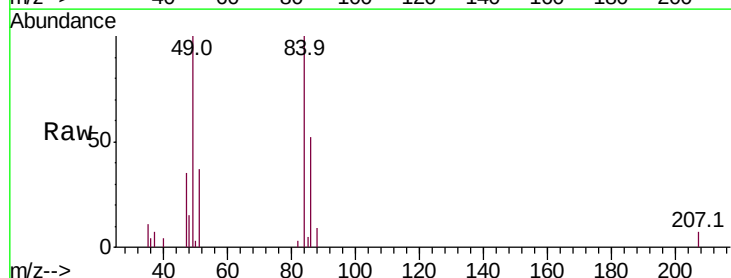
Ion Ratio Lower Upper

84 100

49 99.7 92.5 138.7

51 36.6 32.5 48.7

86 52.4 45.0 67.6

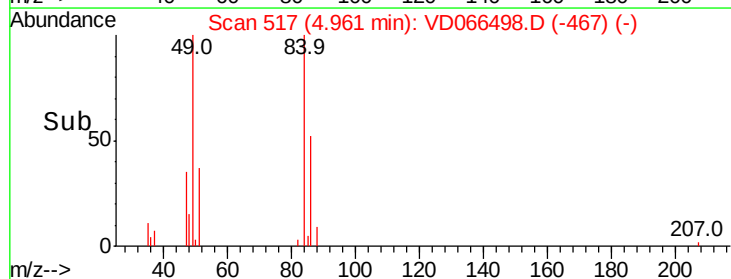
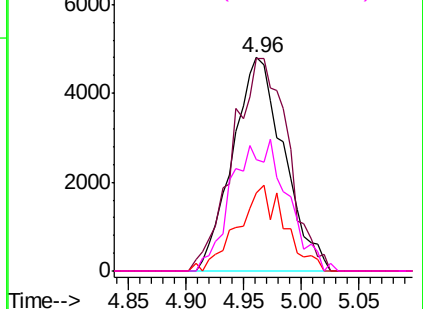


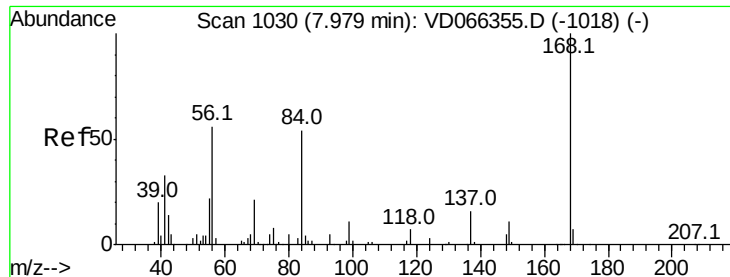
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

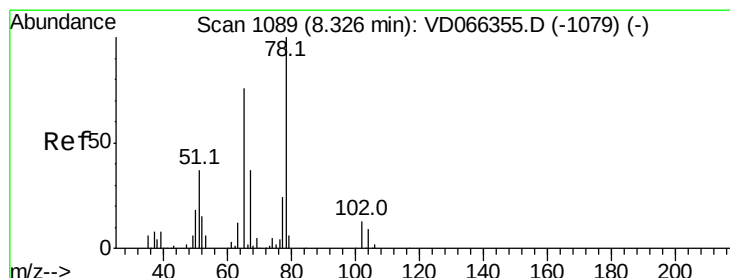
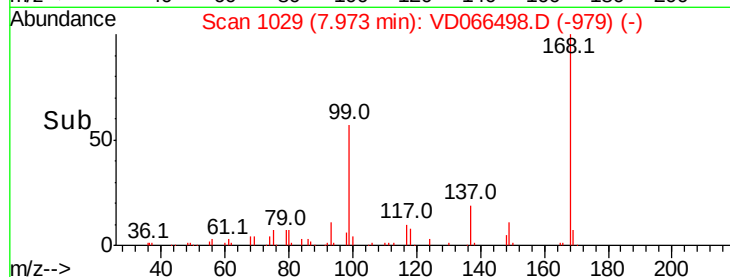
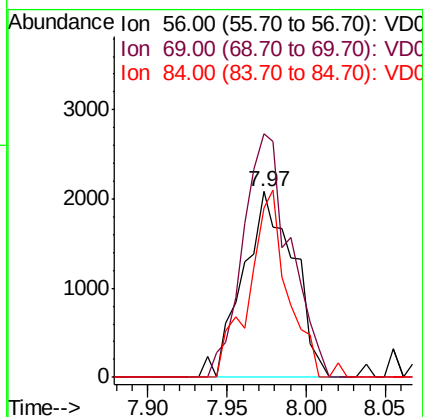
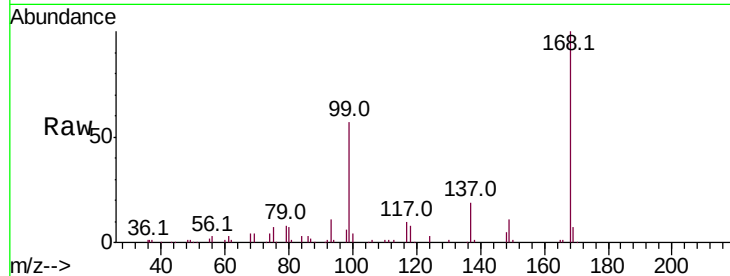




#31
Cyclohexane
Concen: 1.936 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066498.D
Acq: 01 Sep 2020 16:11

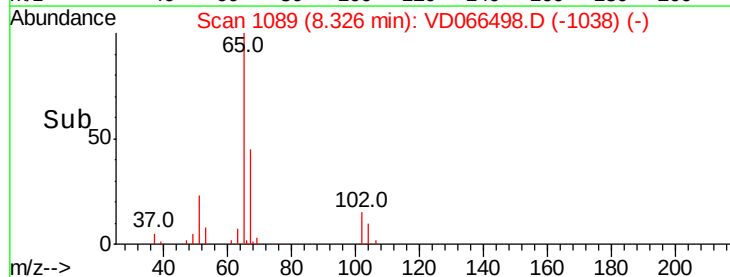
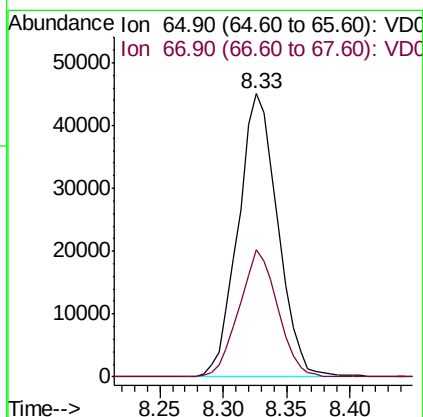
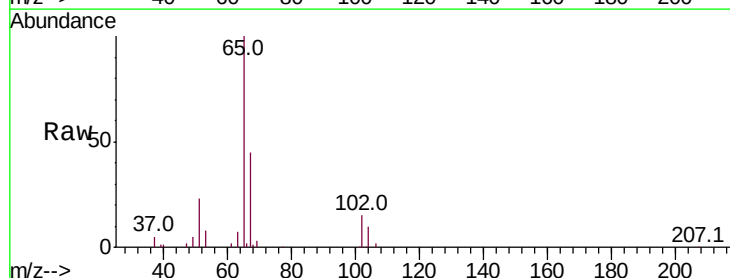
Instrument :
MSVOA_D
ClientSampleId :
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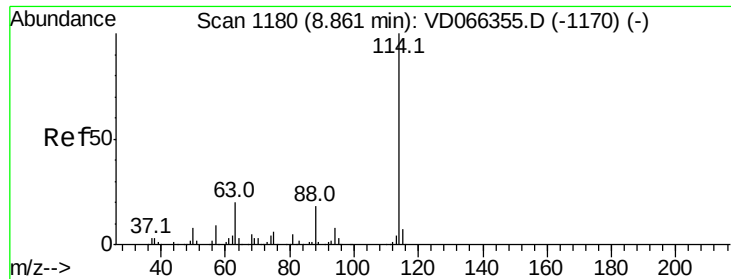
Tot Ion: 56 Resp: 4600
Ion Ratio Lower Upper
56 100
69 131.2 29.6 44.4#
84 91.2 76.6 115.0



#33
1,2-Dichloroethane-d4
Concen: 57.198 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066498.D
Acq: 01 Sep 2020 16:11

Tgt Ion: 65 Resp: 97857
Ion Ratio Lower Upper
65 100
67 43.5 0.0 101.6

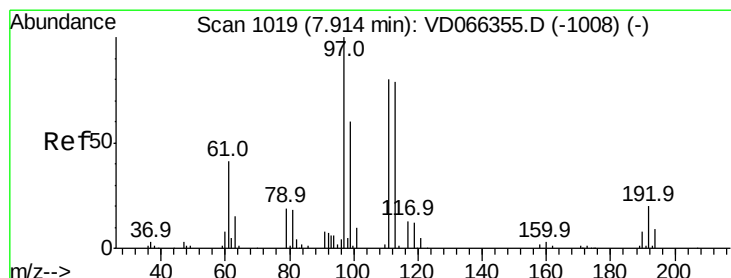
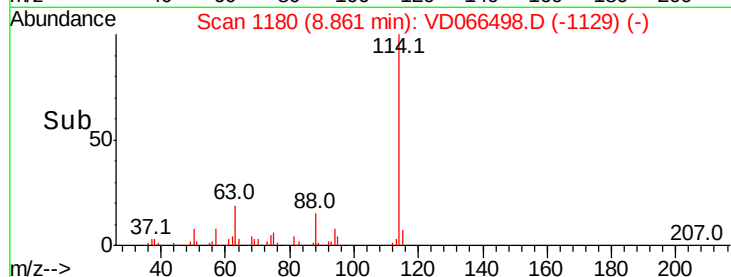
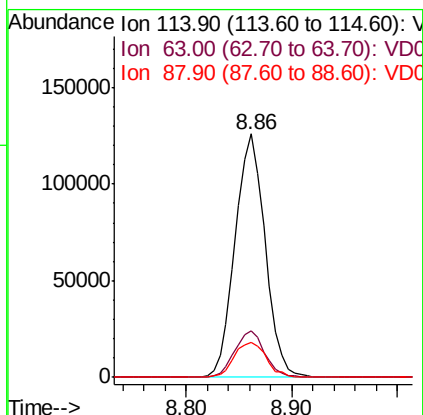
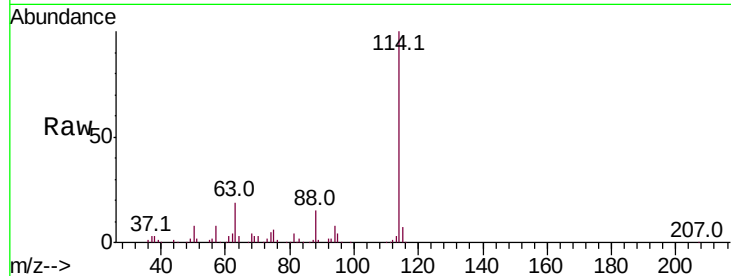




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066498.D
 Acq: 01 Sep 2020 16:11

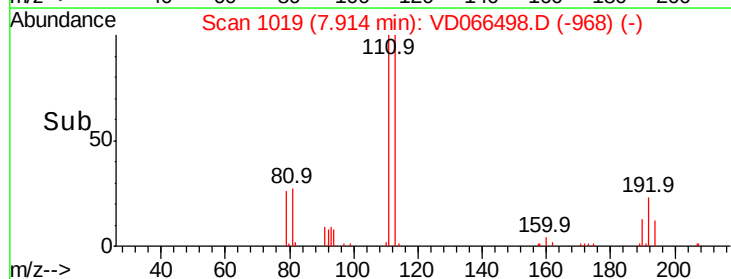
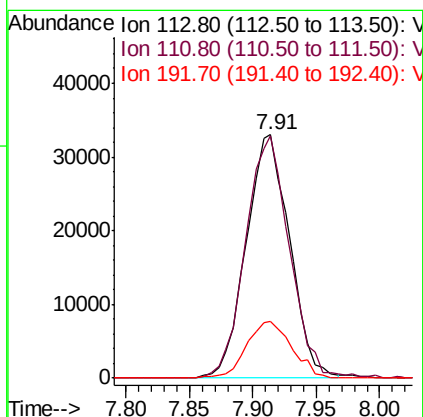
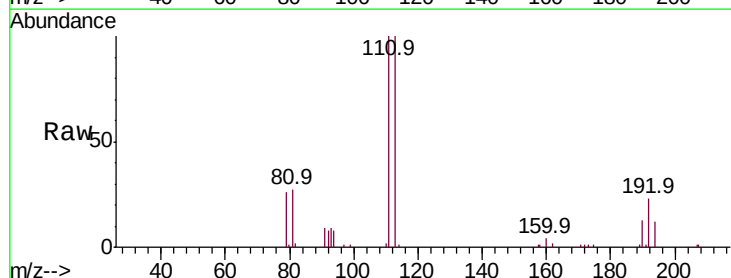
Instrument :
 MSVOA_D
 ClientSampleId :
 238

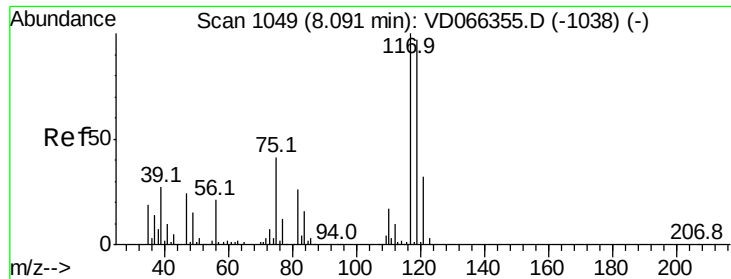
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.8
88	14.6	0.0	35.4



#35
 Dibromofluoromethane
 Concen: 50.599 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066498.D
 Acq: 01 Sep 2020 16:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.3	120.5
192	24.2	19.0	28.6





#38

Carbon Tetrachloride

Concen: 6.156 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

238

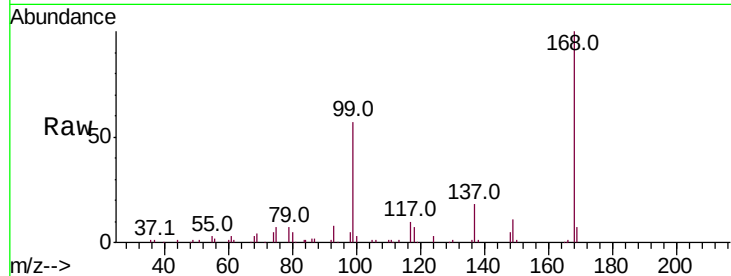
Tot Ion:117 Resp: 18164

Ion Ratio Lower Upper

117 100

119 4.1 77.2 115.8#

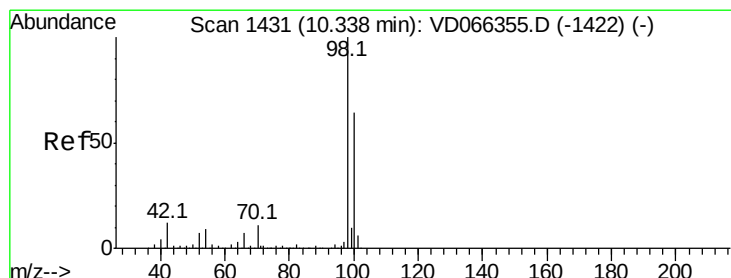
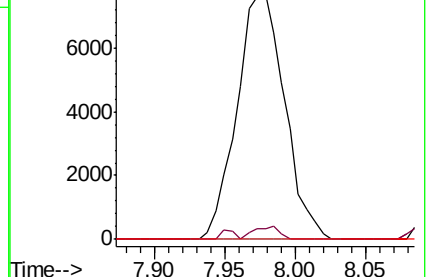
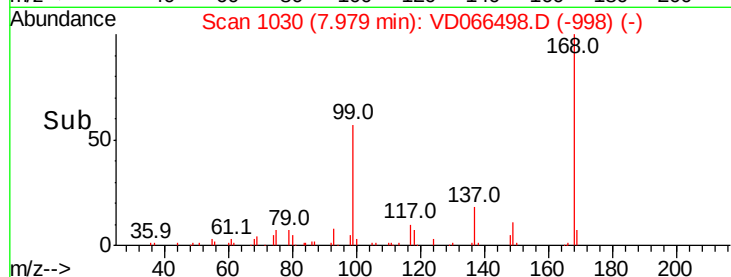
121 0.0 25.8 38.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.015 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066498.D

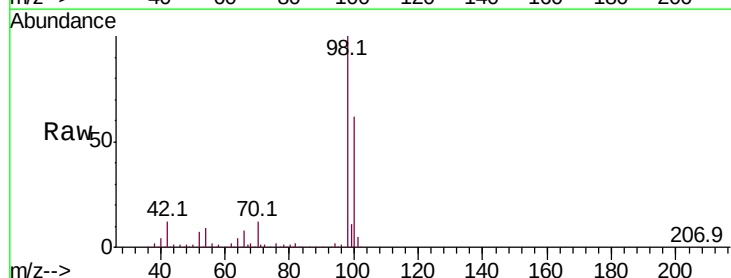
Acq: 01 Sep 2020 16:11

Tgt Ion: 98 Resp: 295364

Ion Ratio Lower Upper

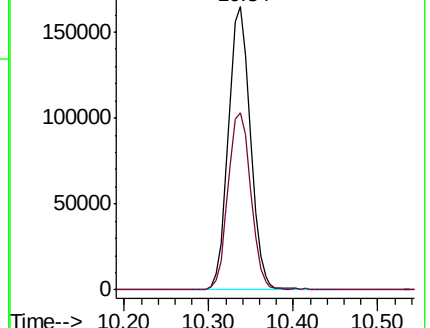
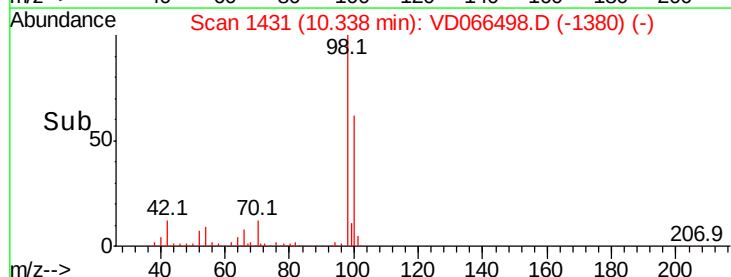
98 100

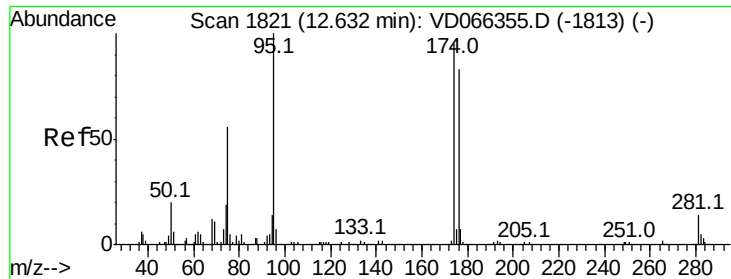
100 64.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

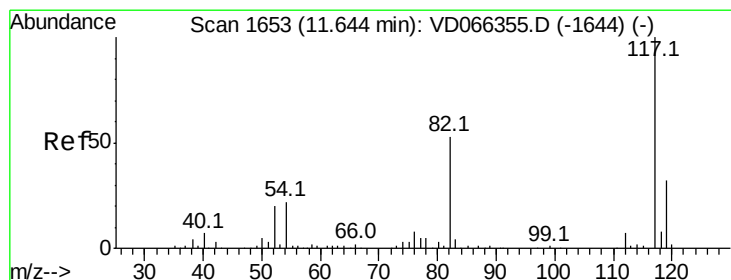
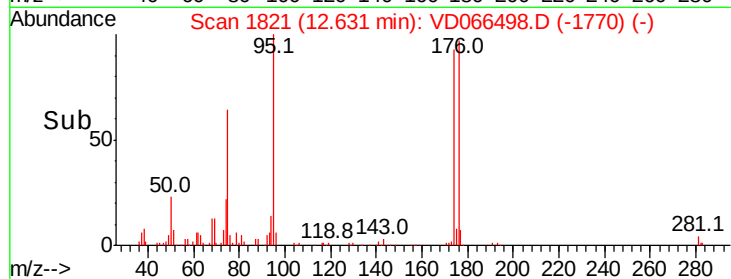
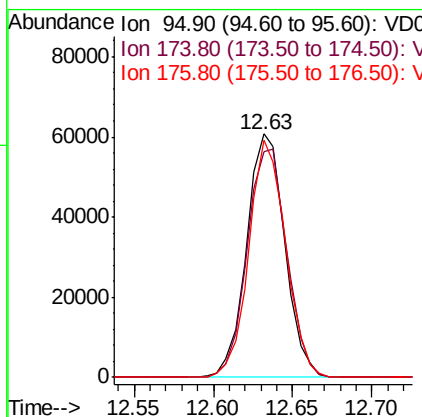
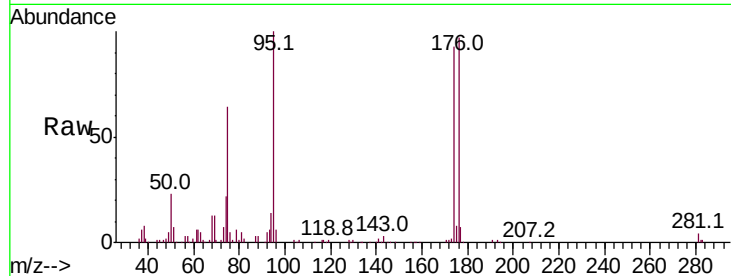




#62
4-Bromofluorobenzene
Concen: 50.552 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066498.D
Acq: 01 Sep 2020 16:11

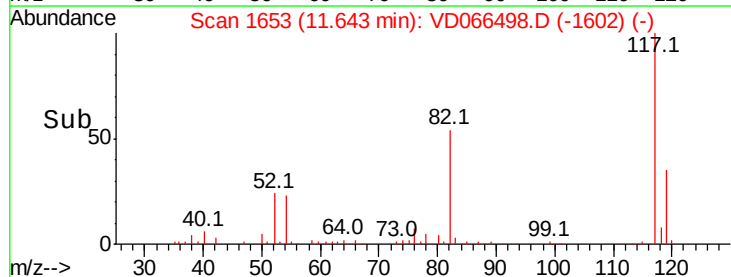
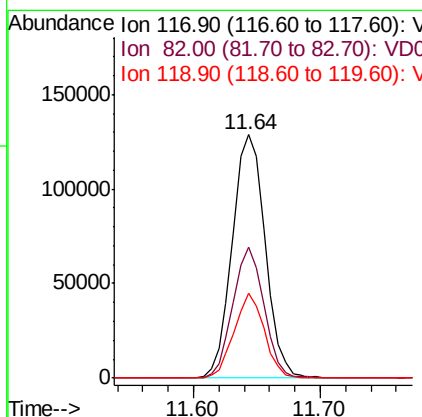
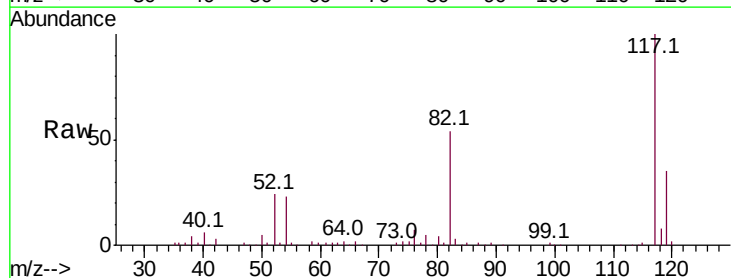
Instrument :
MSVOA_D
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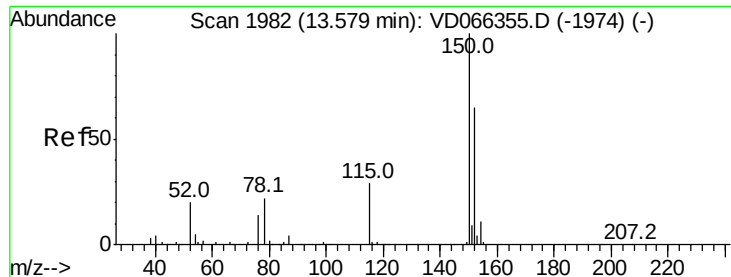
Tot Ion	95	Resp	101861
Ion Ratio	Lower	Upper	
95	100		
174	97.6	0.0	183.4
176	94.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066498.D
Acq: 01 Sep 2020 16:11

Tgt Ion	117	Resp	231701
Ion Ratio	Lower	Upper	
117	100		
82	53.5	42.8	64.2
119	34.6	25.8	38.8

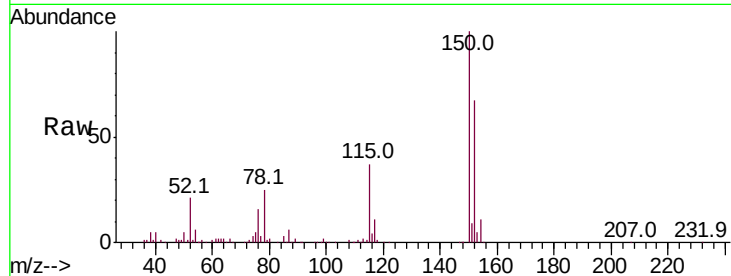




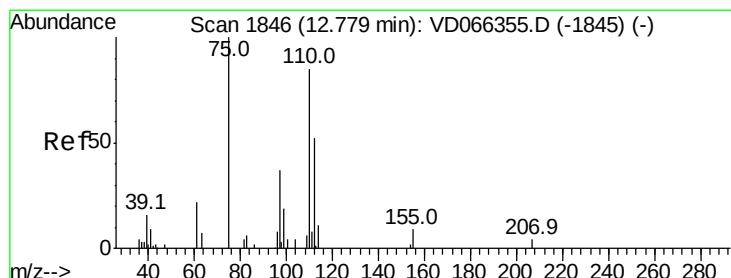
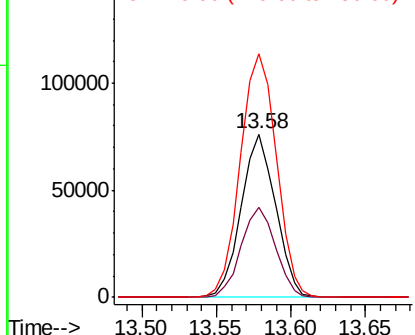
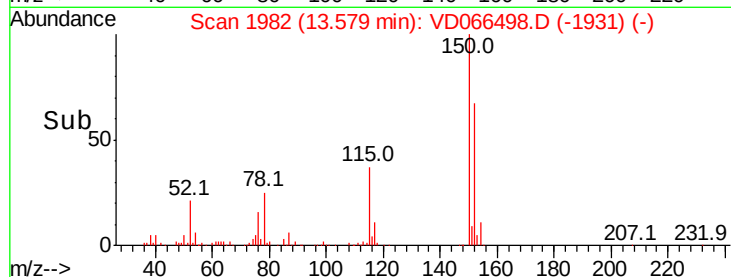
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066498.D
 Acq: 01 Sep 2020 16:11

Instrument :
 MSVOA_D
 ClientSampleId :
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Tot Ion:152 Resp: 121984
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.3 85.0
 150 156.5 0.0 343.2

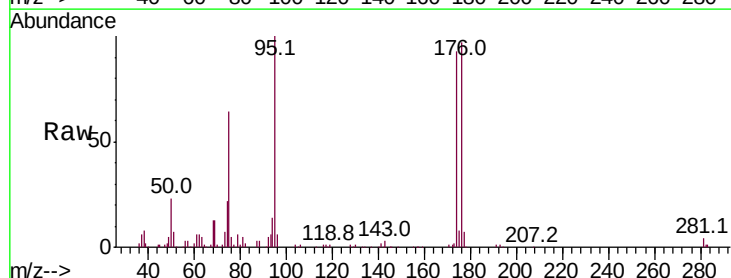


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

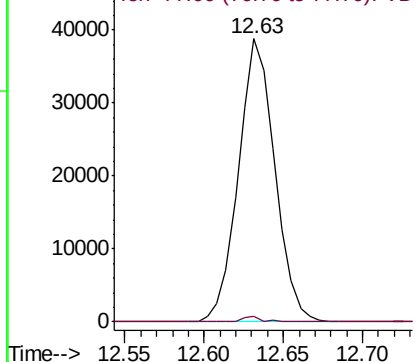
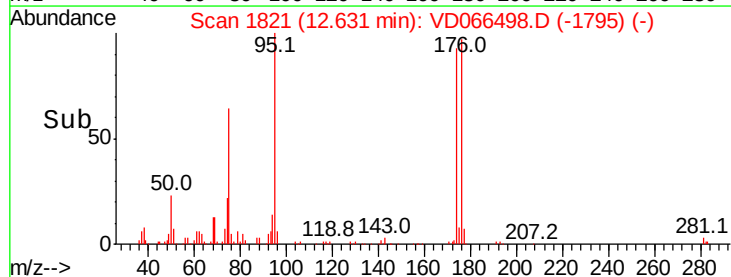


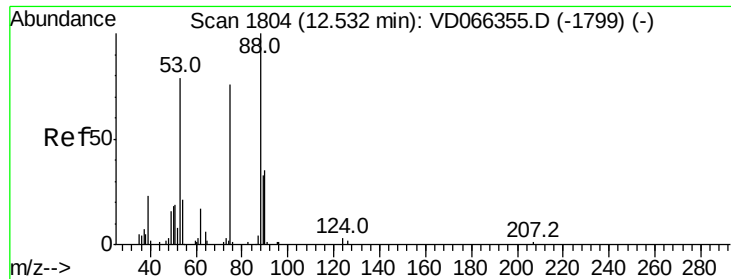
#76
 1,2,3-Trichloropropane
 Concen: 71.965 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066498.D
 Acq: 01 Sep 2020 16:11

Tgt Ion: 75 Resp: 61758
 Ion Ratio Lower Upper
 75 100
 77 0.8 182.9 548.9#



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: 152.759 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 75 Resp: 61758

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

