

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066279.D
 Acq On : 18 Aug 2020 15:48
 Operator : VA/SY
 Sample : L3508-19
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Aug 19 06:41:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

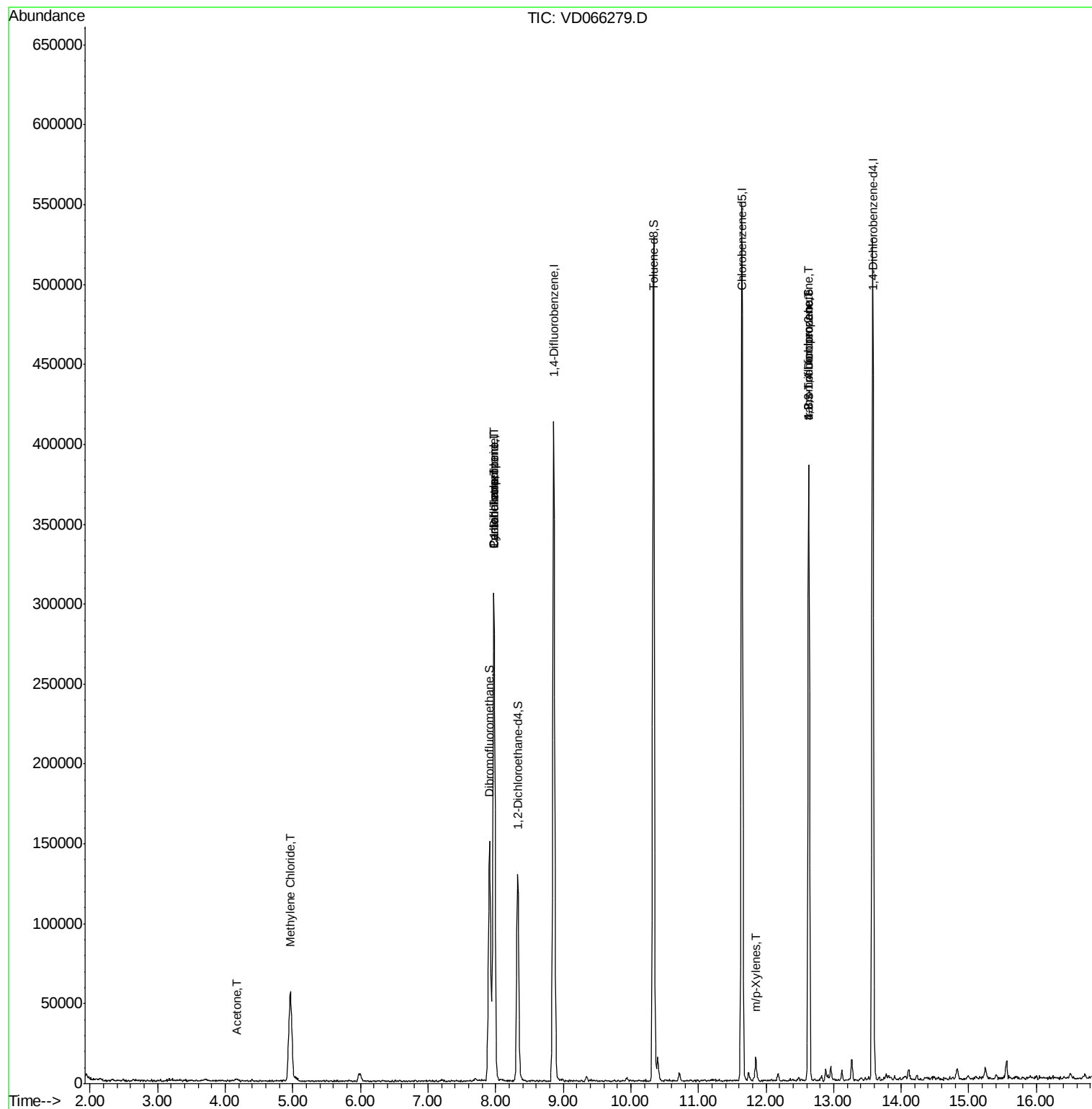
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	232624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	366252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107617	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.91	113	108110	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.34	98	363505	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	12.63	95	119272	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1735	4.406	ug/l	96
20) Methylene Chloride	4.96	84	43781	16.207	ug/l	95
31) Cyclohexane	7.97	56	4672	1.285	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	15905	4.621	ug/l #	50
38) Carbon Tetrachloride	7.97	117	23027	6.000	ug/l #	13
68) m/p-Xylenes	11.85	106	4389	1.009	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	60041	49.584	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	60041	109.609	ug/l #	13

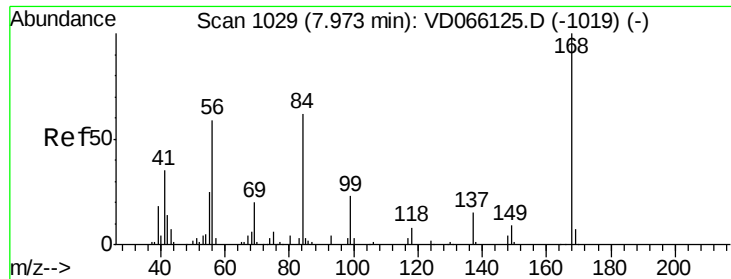
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
BFB

Quant Time: Aug 19 06:41:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 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: VD066279.D

Acq: 18 Aug 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

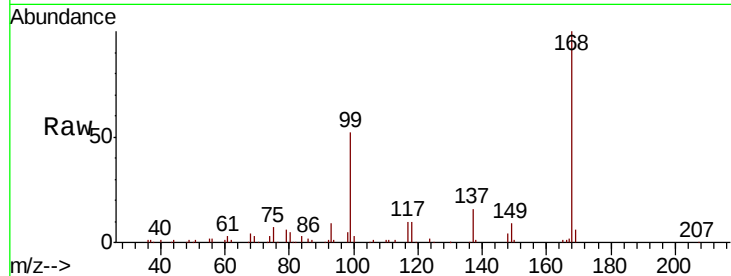
BFB

Tot Ion:168 Resp: 232624

Ion Ratio Lower Upper

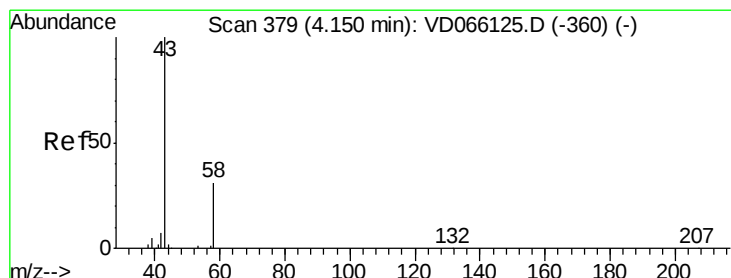
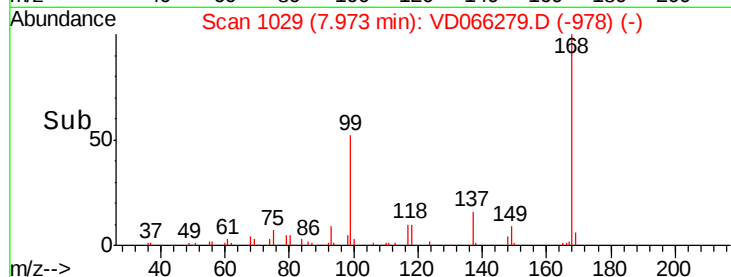
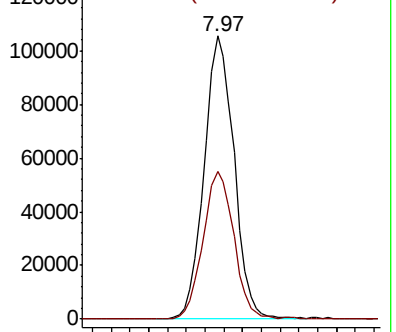
168 100

99 52.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 4.406 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD066279.D

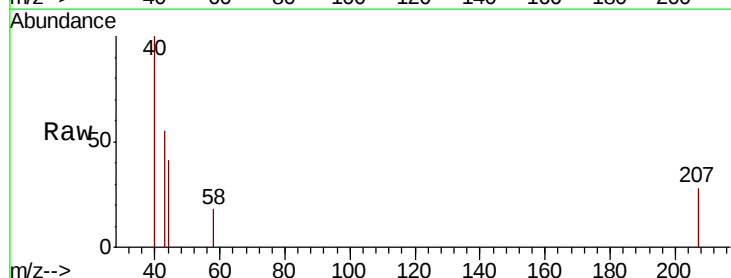
Acq: 18 Aug 2020 15:48

Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

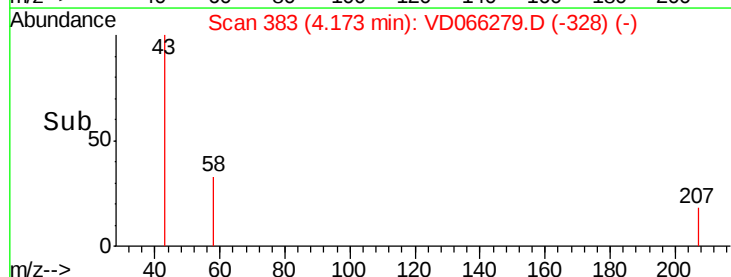
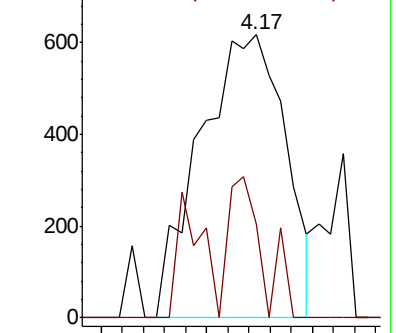
43 100

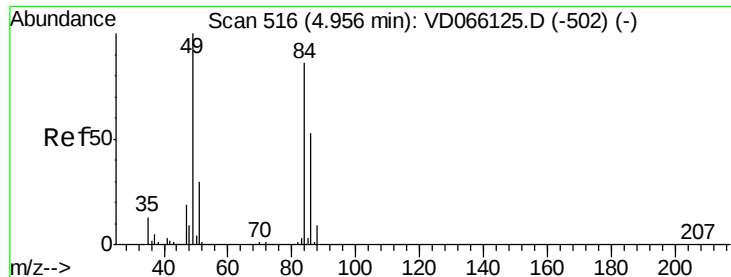
58 32.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 16.207 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

Instrument :

MSVOA_D

ClientSampled :

BFB

Tot Ion: 84 Resp: 43781

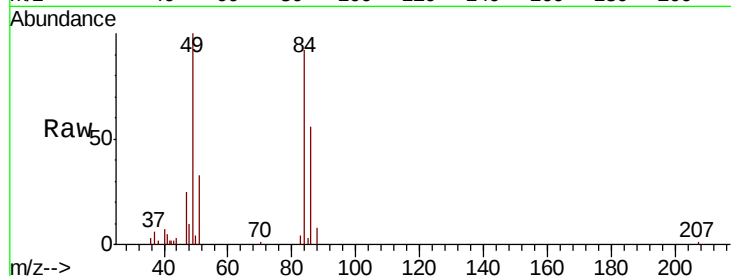
Ion Ratio Lower Upper

84 100

49 108.3 93.5 140.3

51 35.3 28.2 42.4

86 60.7 49.5 74.3



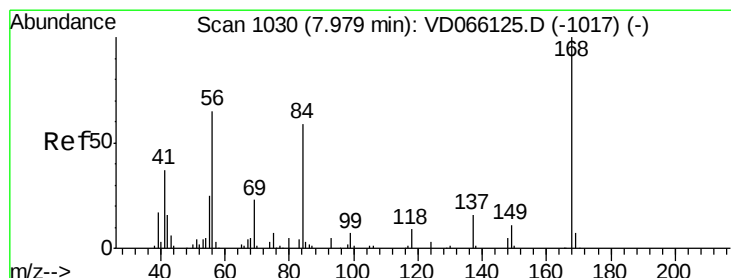
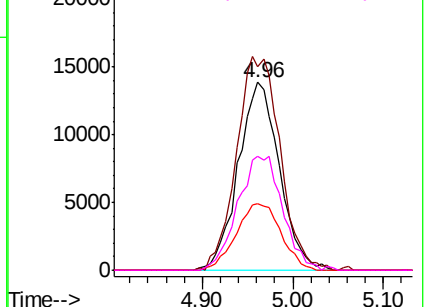
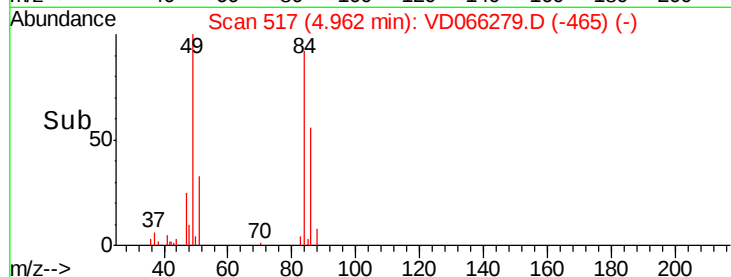
Abundance

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: 1.285 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

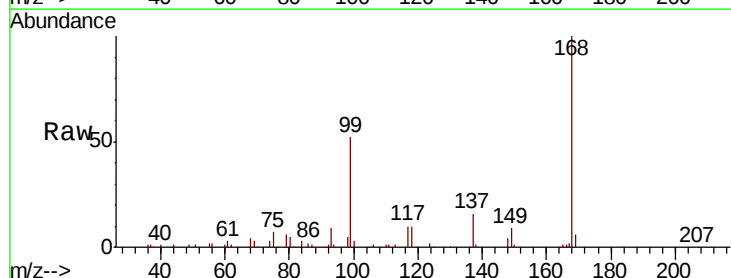
Tgt Ion: 56 Resp: 4672

Ion Ratio Lower Upper

56 100

69 172.4 28.8 43.2#

84 140.7 73.0 109.6#

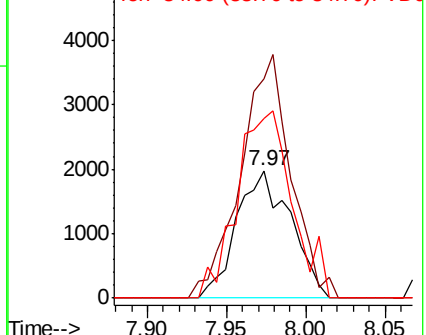
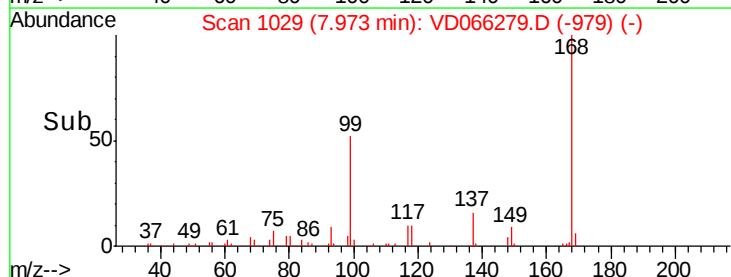


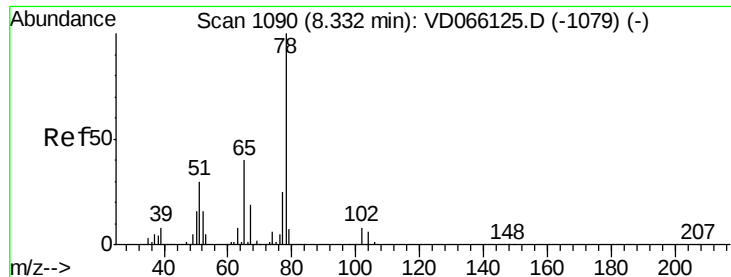
Abundance

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

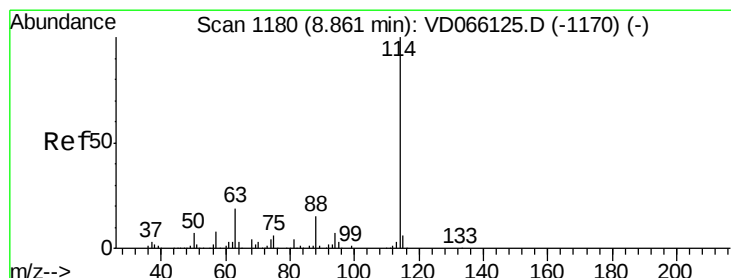
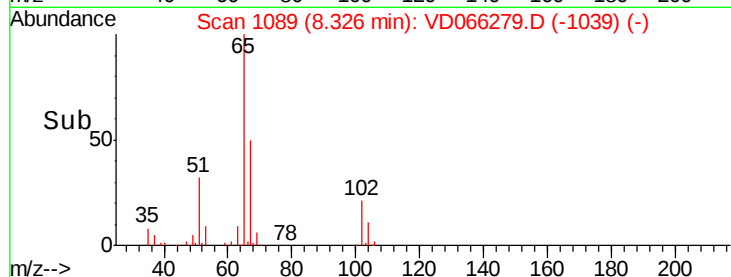
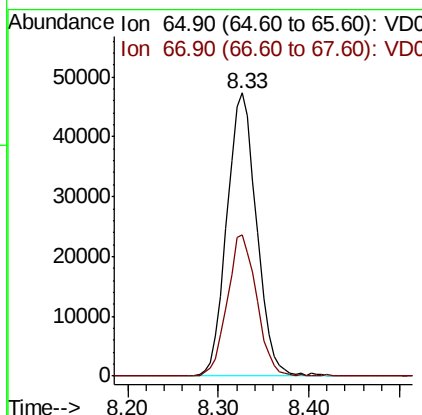
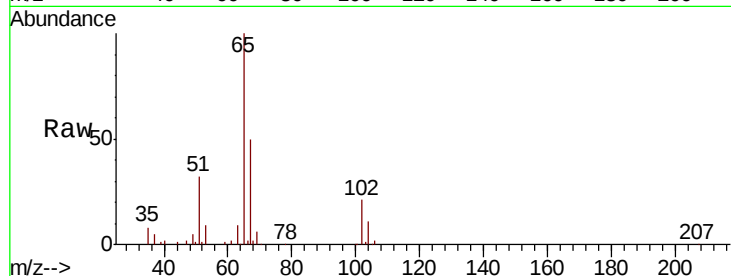




#33
 1,2-Dichloroethane-d4
 Concen: 51.855 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066279.D
 Acq: 18 Aug 2020 15:48

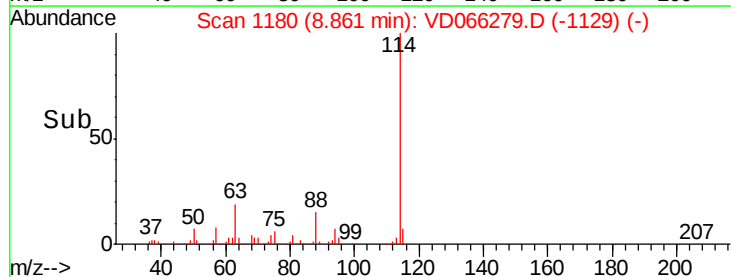
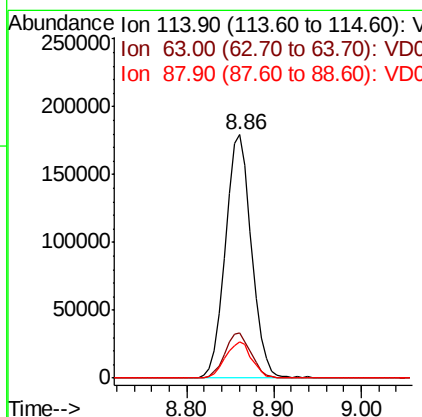
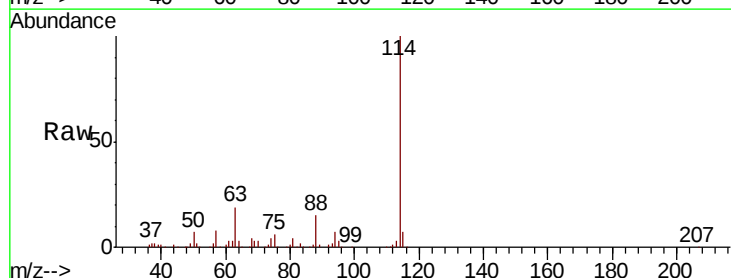
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

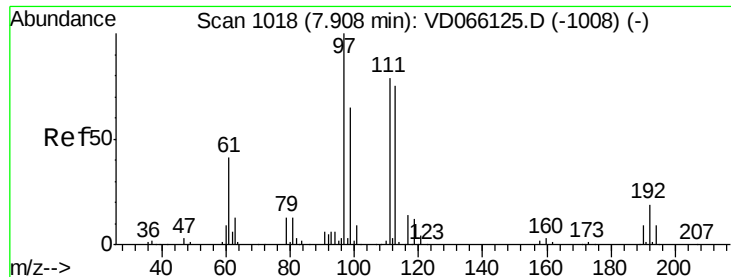
Tot Ion: 65 Resp: 107617
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066279.D
 Acq: 18 Aug 2020 15:48

Tgt Ion: 114 Resp: 366252
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 14.9 0.0 30.0

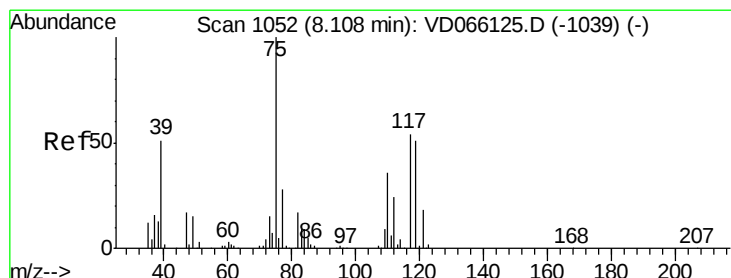
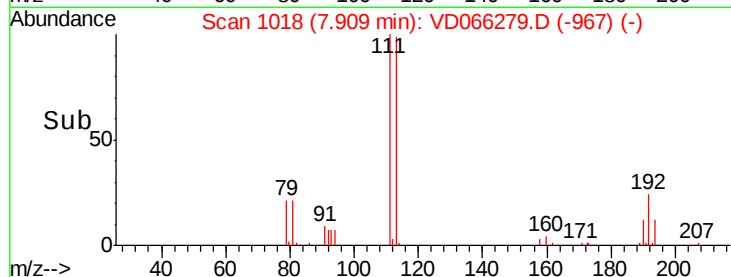
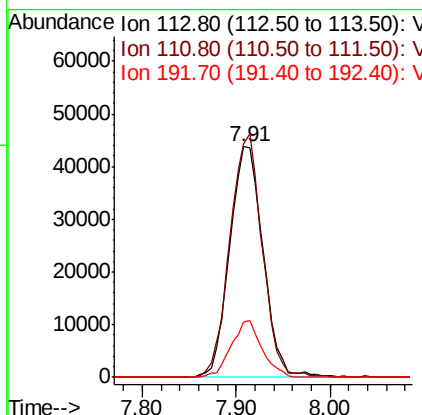
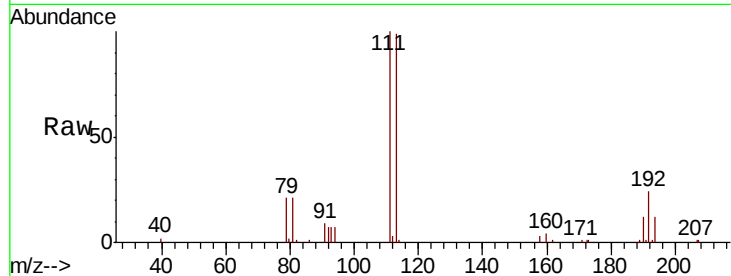




#35
 Dibromofluoromethane
 Concen: 46.596 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066279.D
 Acq: 18 Aug 2020 15:48

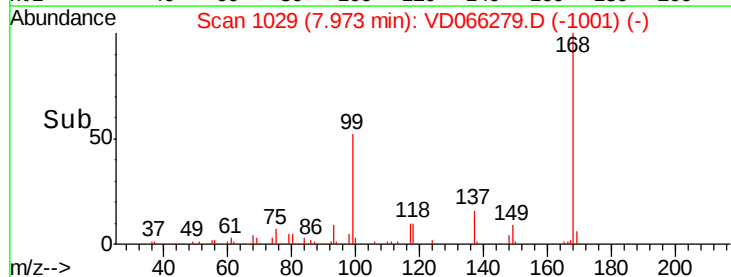
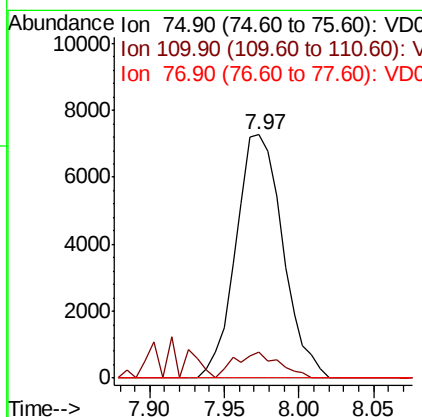
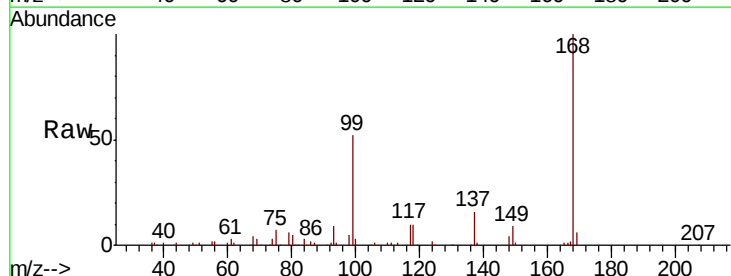
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

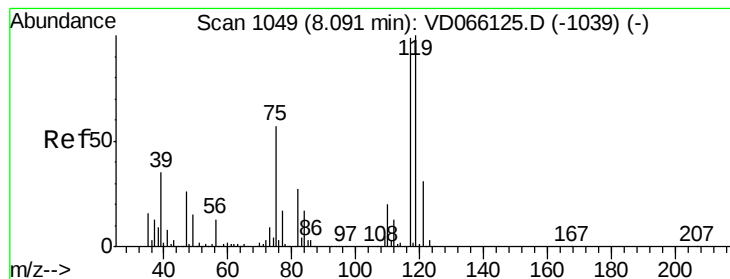
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.7	121.1
192	22.5	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 4.621 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066279.D
 Acq: 18 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.8	56.3#
77	0.0	24.2	36.2#





#38

Carbon Tetrachloride

Concen: 6.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

BFB

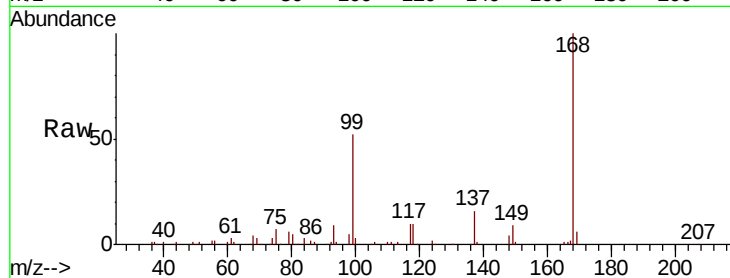
Tot Ion:117 Resp: 23027

Ion Ratio Lower Upper

117 100

119 4.2 81.0 121.4#

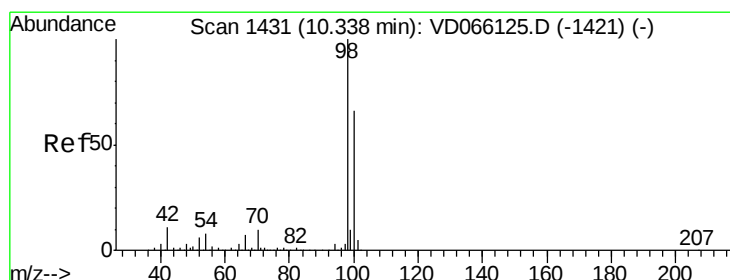
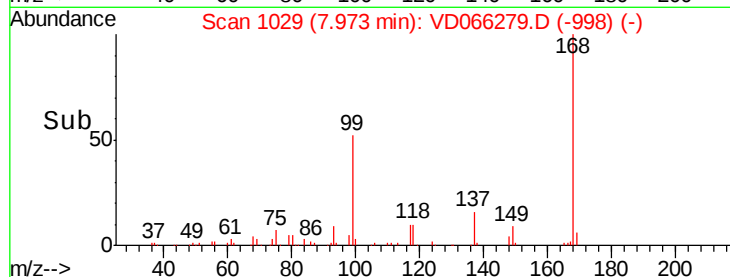
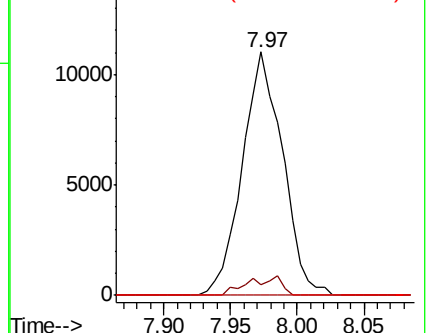
121 0.0 24.8 37.2#



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: 42.456 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066279.D

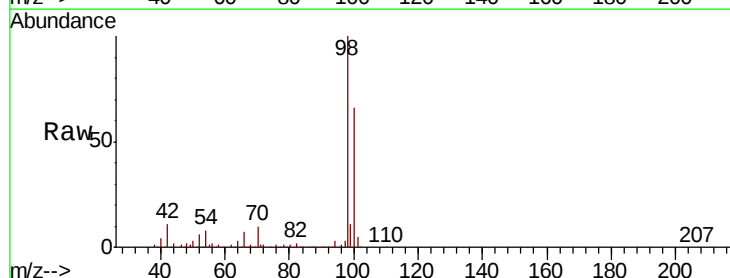
Acq: 18 Aug 2020 15:48

Tgt Ion: 98 Resp: 363505

Ion Ratio Lower Upper

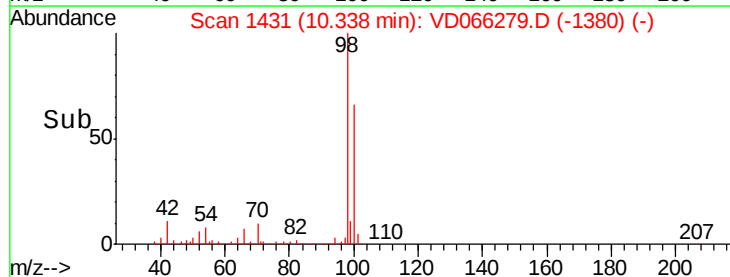
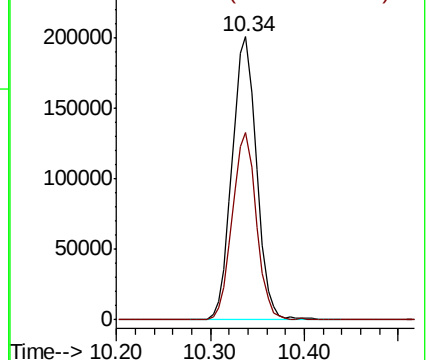
98 100

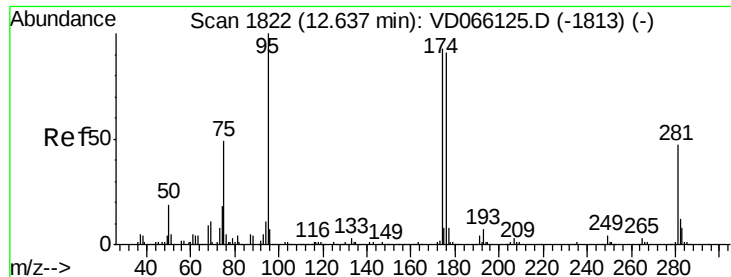
100 64.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

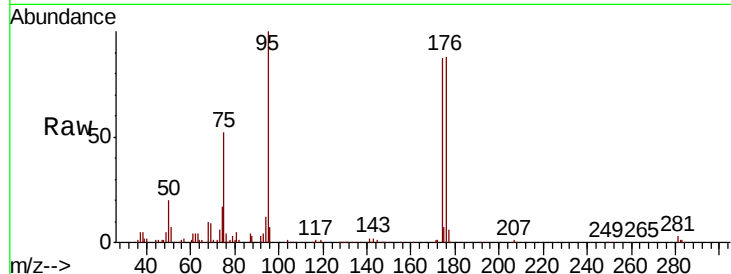




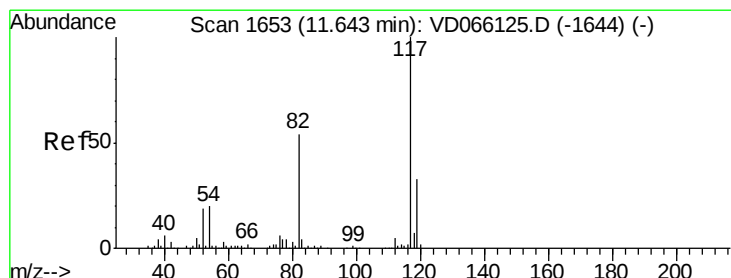
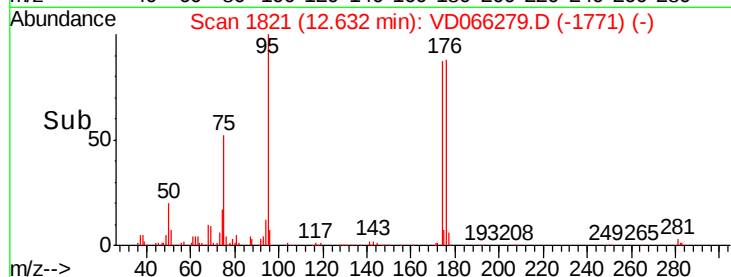
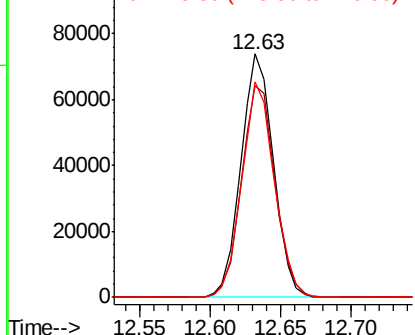
#62
4-Bromofluorobenzene
Concen: 38.646 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066279.D
Acq: 18 Aug 2020 15:48

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 95 Resp: 119272
Ion Ratio Lower Upper
95 100
174 89.9 0.0 180.8
176 88.6 0.0 181.2

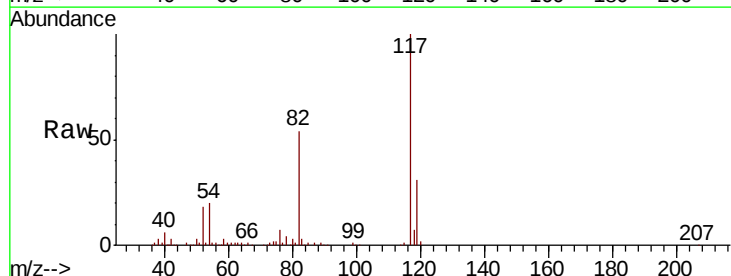


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

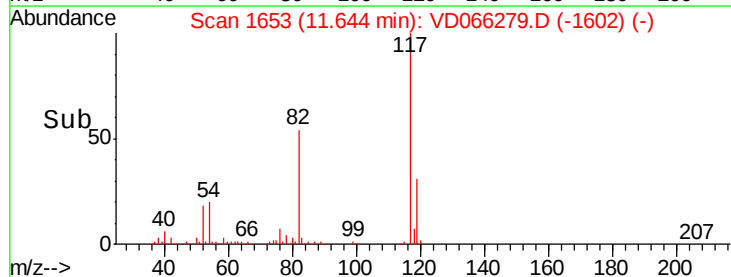
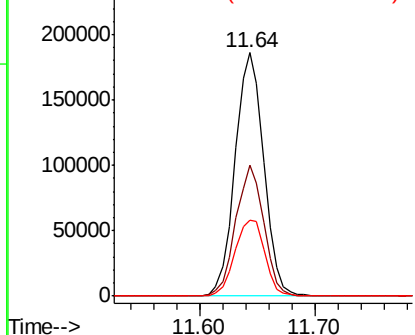


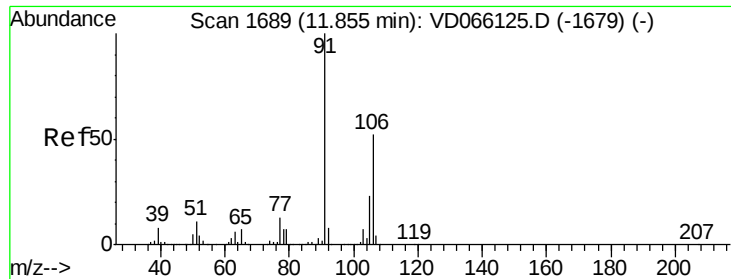
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066279.D
Acq: 18 Aug 2020 15:48

Tgt Ion: 117 Resp: 319179
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.4 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

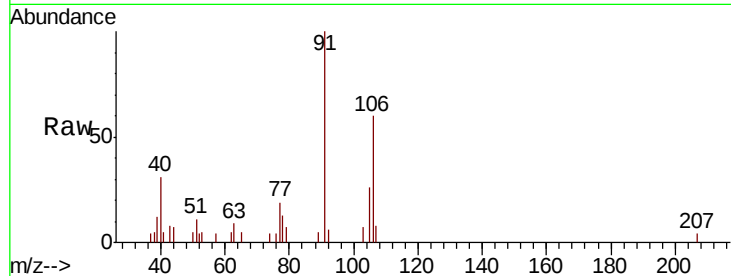




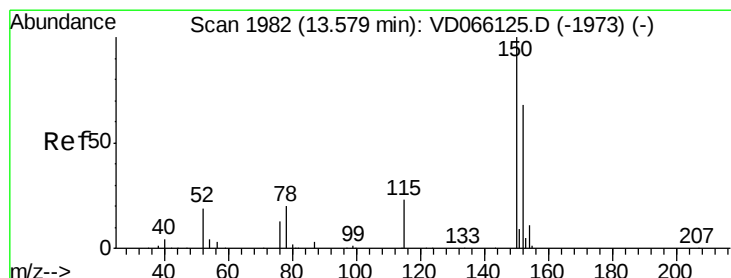
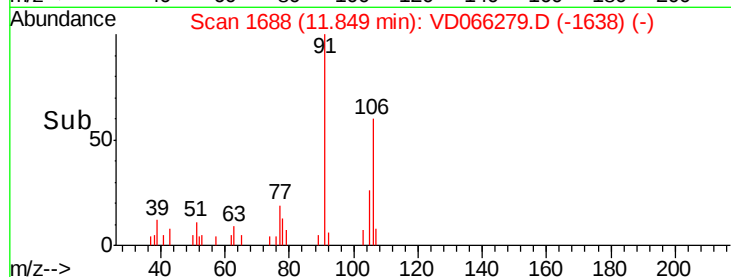
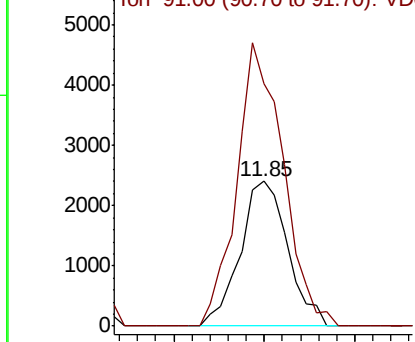
#68
m/p-Xvlenes
Concen: 1.009 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066279.D
Acq: 18 Aug 2020 15:48

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion:106 Resp: 4389
Ion Ratio Lower Upper
106 100
91 189.8 156.6 235.0

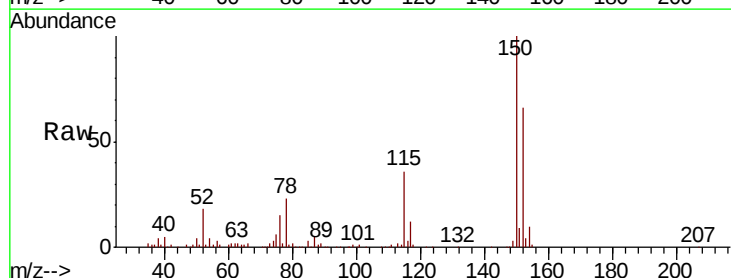


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

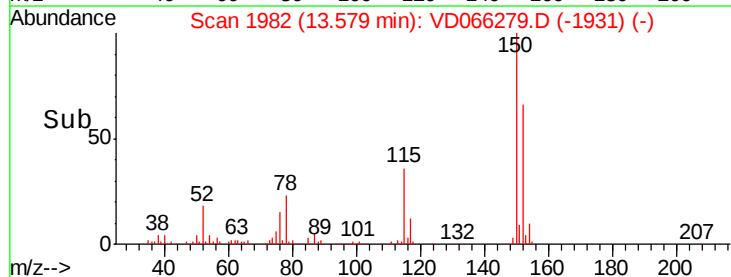
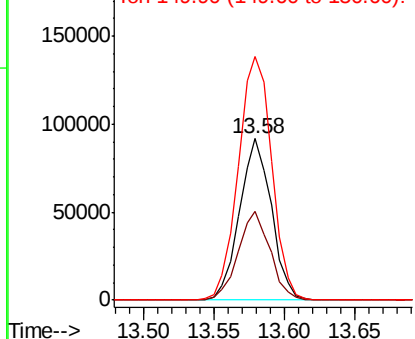


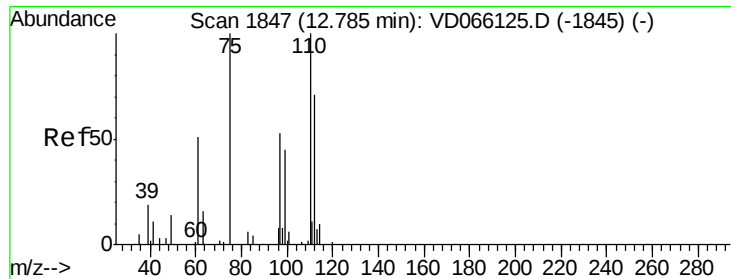
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066279.D
Acq: 18 Aug 2020 15:48

Tgt Ion:152 Resp: 145203
Ion Ratio Lower Upper
152 100
115 54.7 28.0 83.9
150 158.1 0.0 346.4



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: 49.584 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

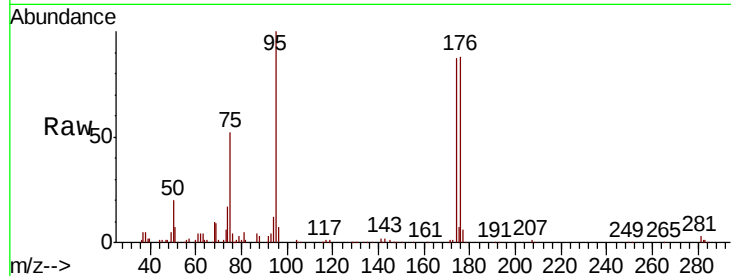
BFB

Tot Ion: 75 Resp: 60041

Ion Ratio Lower Upper

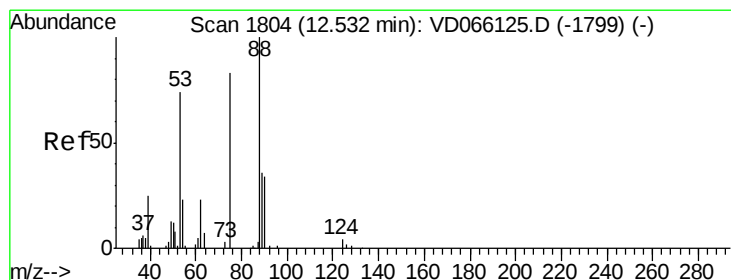
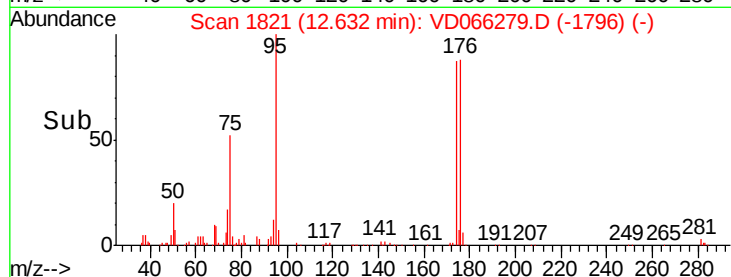
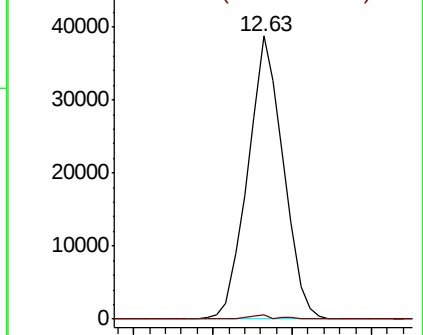
75 100

77 1.0 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: 109.609 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

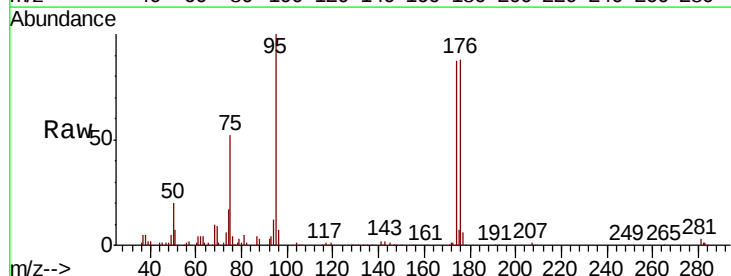
Tgt Ion: 75 Resp: 60041

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#



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

