

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072798.D
 Acq On : 04 May 2022 19:45
 Operator : VA/SY
 Sample : N2677-08
 Misc : 7.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3,13

Quant Time: May 05 01:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

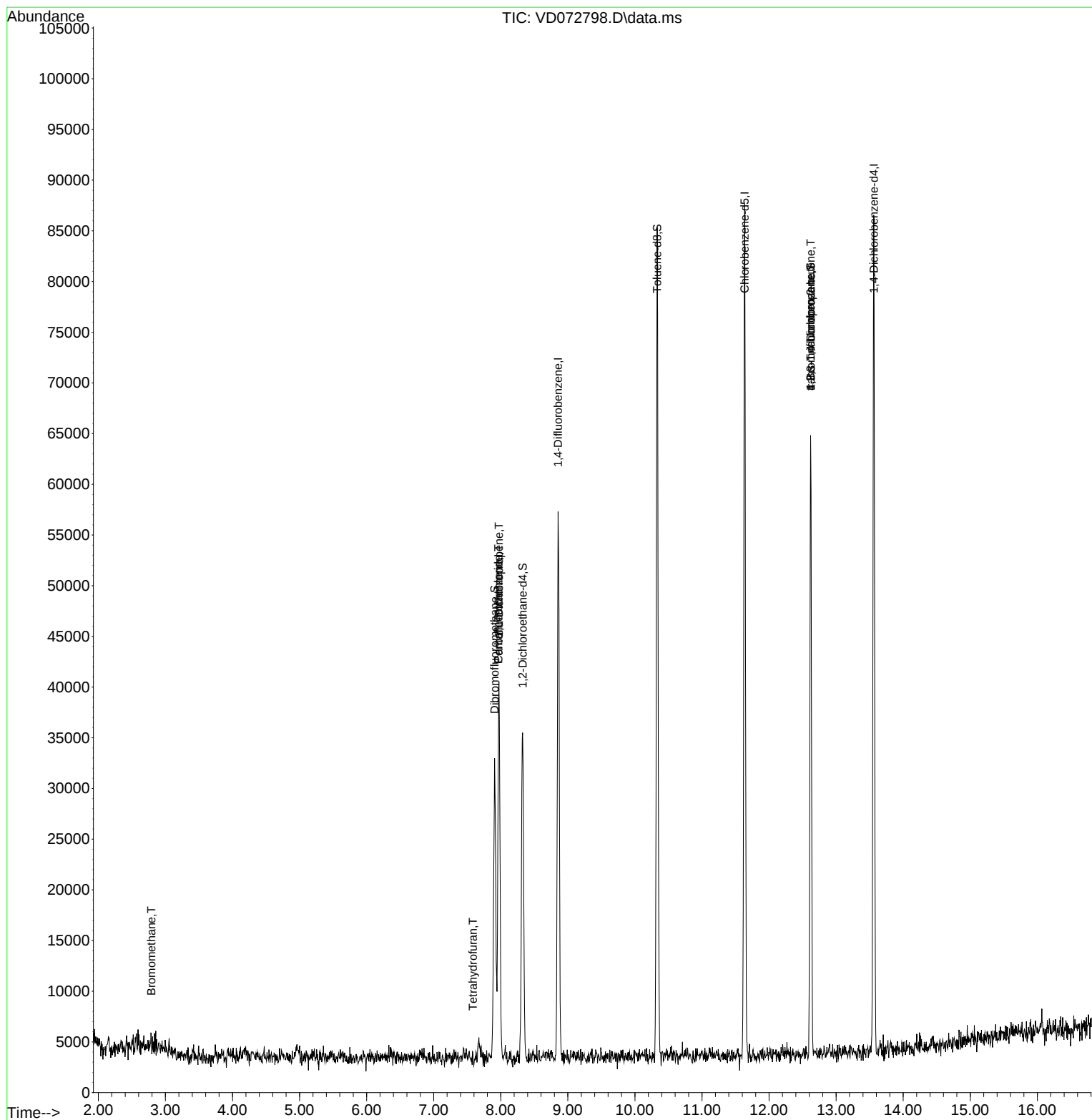
Internal Standards						
1) Pentafluorobenzene	7.967	168	25839	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	44984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	48651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	21352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	26576	79.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.460%	
35) Dibromofluoromethane	7.908	113	20088	63.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.160%	
50) Toluene-d8	10.332	98	54026	47.673	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.340%	
62) 4-Bromofluorobenzene	12.620	95	20508	48.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	581	1.331	ug/l #	62
16) Acetone	4.150	43	305	Below Cal	#	47
20) Methylene Chloride	4.967	84	990	Below Cal	#	40
29) Tetrahydrofuran	7.585	42	66	1.060	ug/l #	38
36) 1,1-Dichloropropene	7.973	75	2055	4.000	ug/l #	43
38) Carbon Tetrachloride	7.967	117	3135	5.879	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	10681	44.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	10681	103.163	ug/l #	7

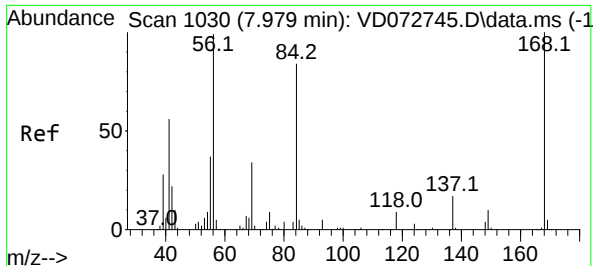
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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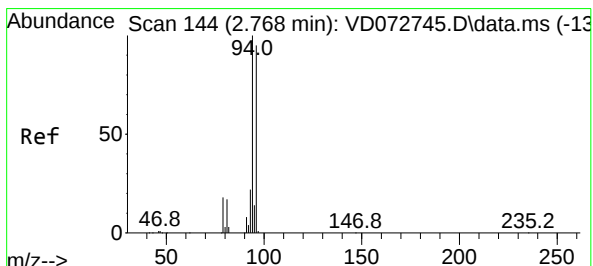
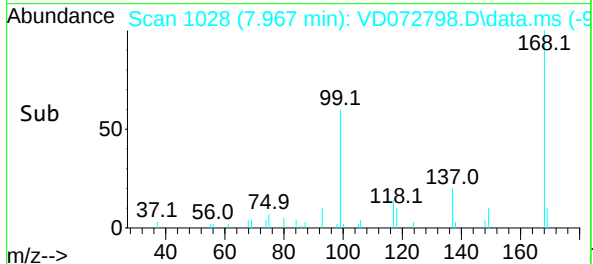
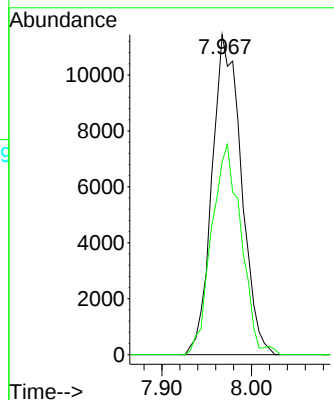
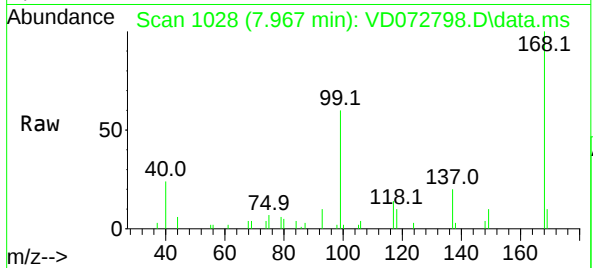




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

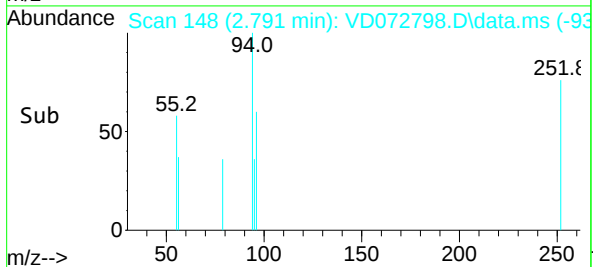
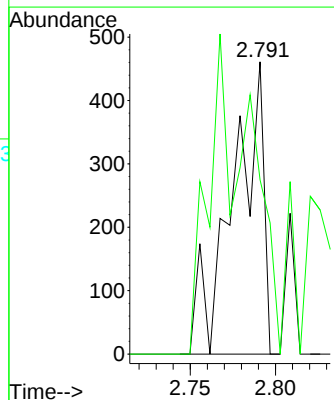
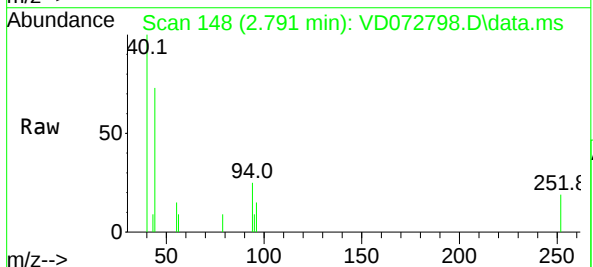
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

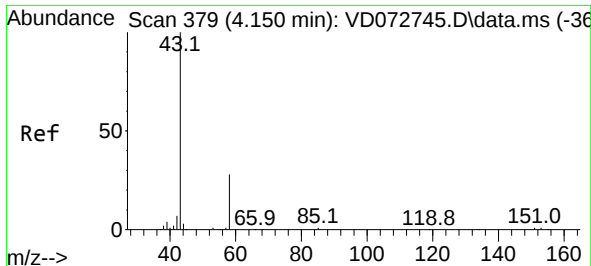
Tgt Ion:168 Resp: 25839
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#5
Bromomethane
Concen: 1.331 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 59.7 77.6 116.4#

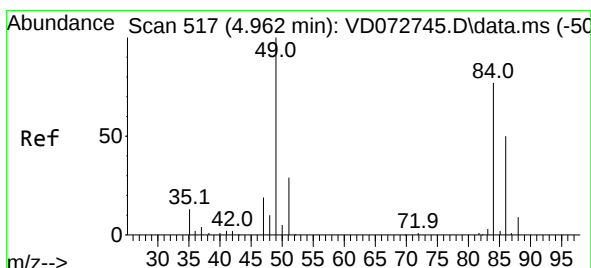
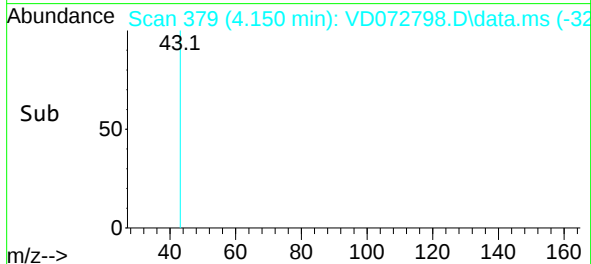
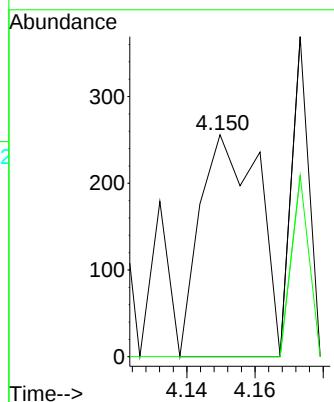
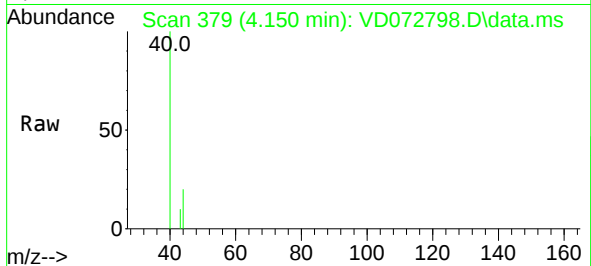




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

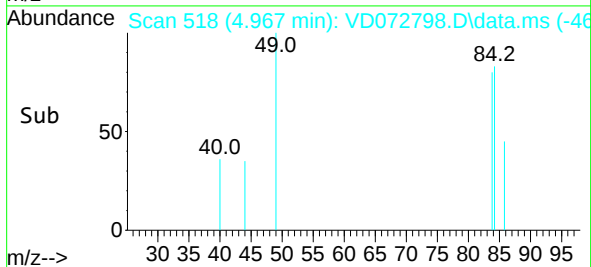
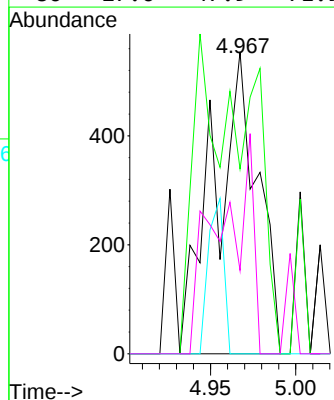
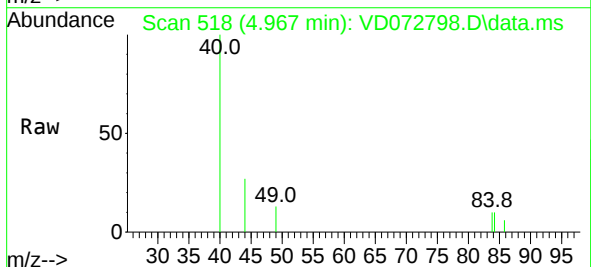
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

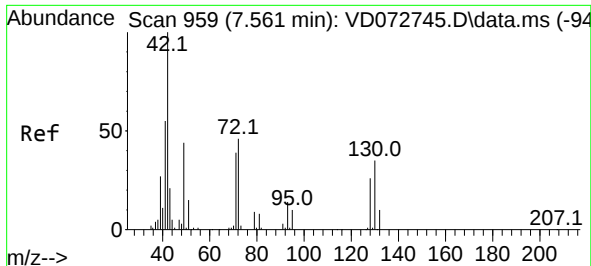
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

Tgt Ion: 84 Resp: 990
Ion Ratio Lower Upper
84 100
49 61.2 112.8 169.2#
51 0.0 32.6 48.8#
86 27.6 47.9 71.9#





#29

Tetrahydrofuran

Concen: 1.060 ug/l

RT: 7.585 min Scan# 9

Delta R.T. 0.024 min

Lab File: VD072798.D

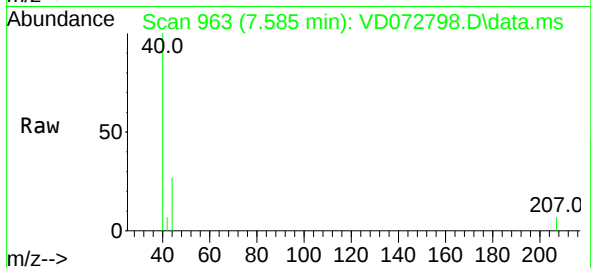
Acq: 04 May 2022 19:45

Instrument :

MSVOA_D

ClientSampleId :

SB-3,13



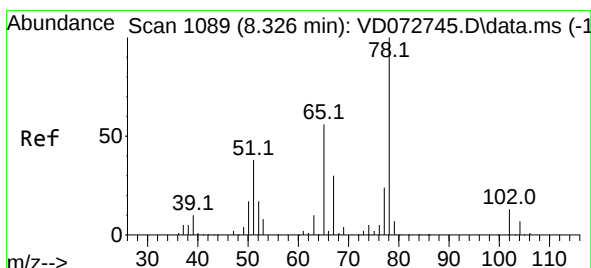
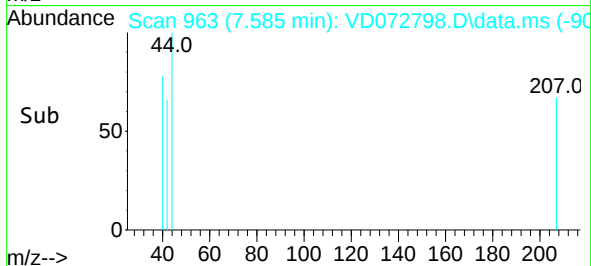
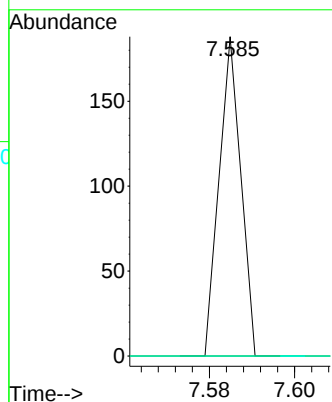
Tgt Ion: 42 Resp: 66

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#33

1,2-Dichloroethane-d4

Concen: 79.234 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072798.D

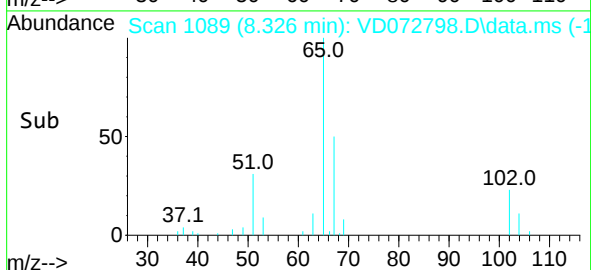
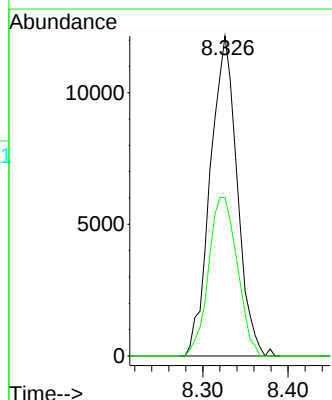
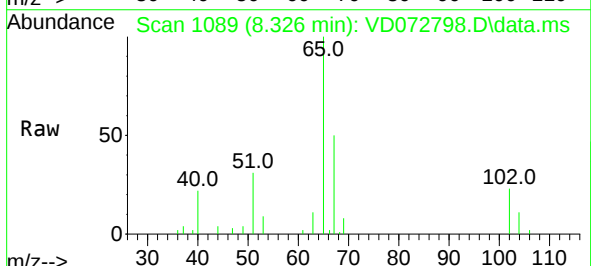
Acq: 04 May 2022 19:45

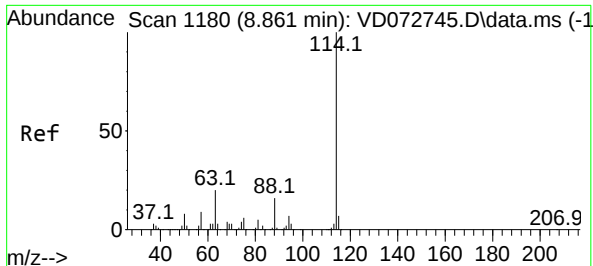
Tgt Ion: 65 Resp: 26576

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072798.D

Acq: 04 May 2022 19:45

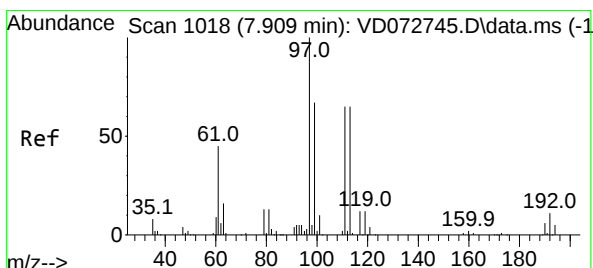
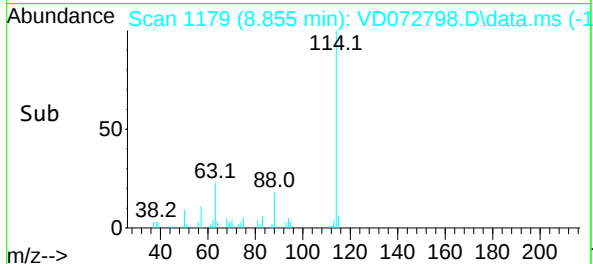
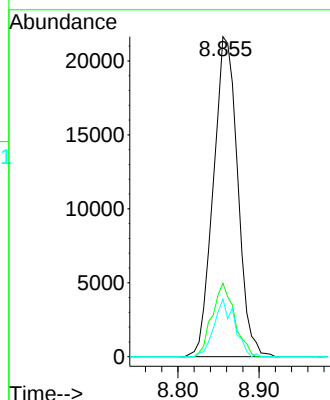
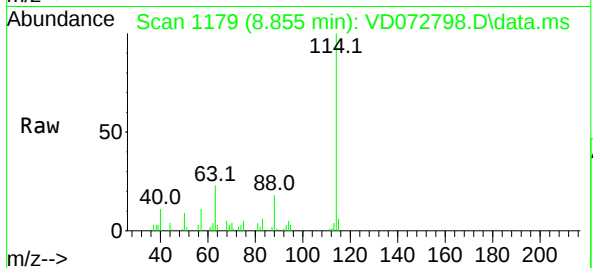
Instrument :

MSVOA_D

ClientSampleId :

SB-3,13

Tgt Ion:114	Resp:	44984
Ion	Ratio	Lower Upper
114	100	
63	22.9	0.0 46.6
88	18.0	0.0 33.2



#35

Dibromofluoromethane

Concen: 63.584 ug/l

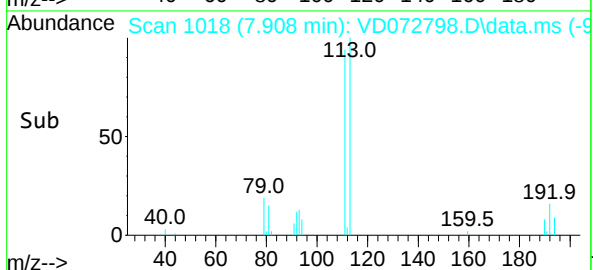
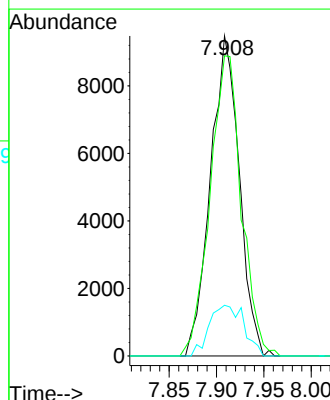
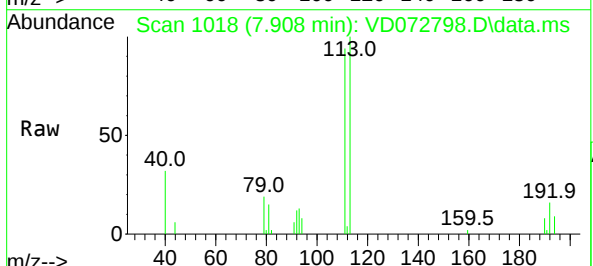
RT: 7.908 min Scan# 1018

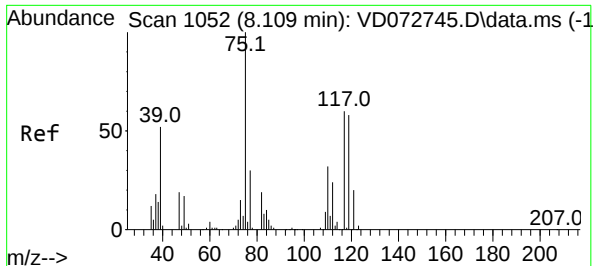
Delta R.T. -0.001 min

Lab File: VD072798.D

Acq: 04 May 2022 19:45

Tgt Ion:113	Resp:	20088
Ion	Ratio	Lower Upper
113	100	
111	102.0	83.8 125.6
192	19.1	14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072798.D

Acq: 04 May 2022 19:45

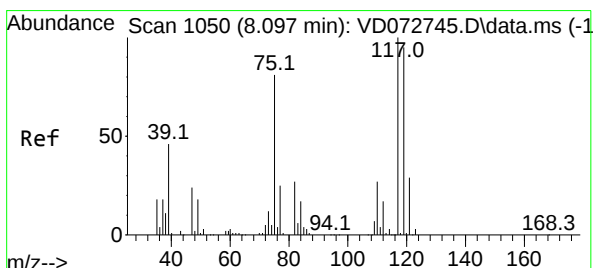
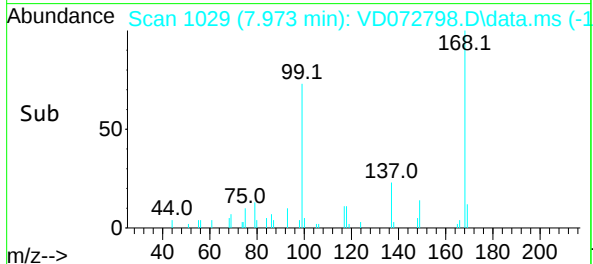
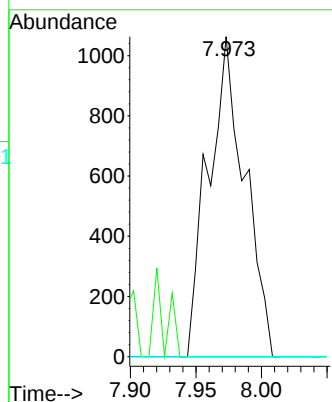
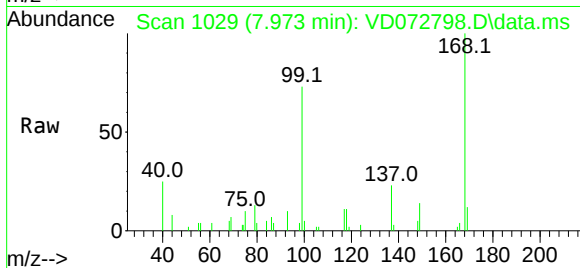
Instrument :

MSVOA_D

ClientSampleId :

SB-3,13

Tgt Ion: 75	Resp: 2055
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.879 ug/l

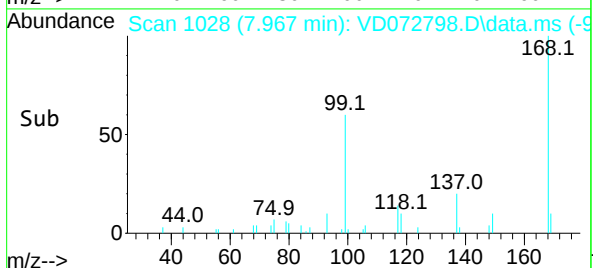
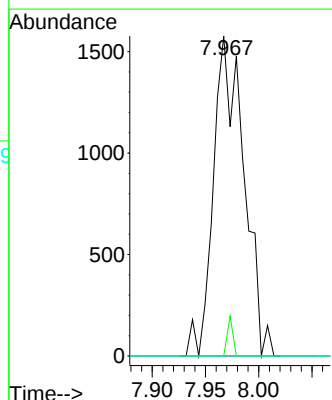
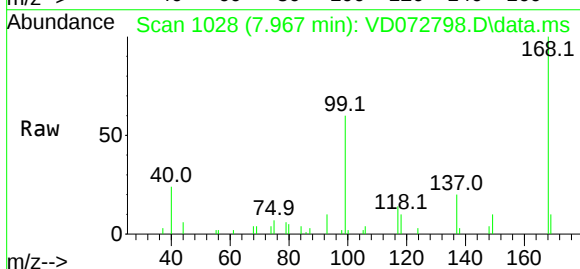
RT: 7.967 min Scan# 1028

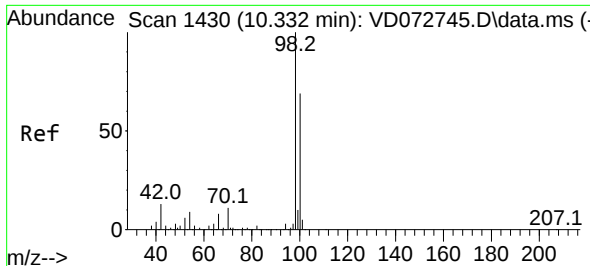
Delta R.T. -0.130 min

Lab File: VD072798.D

Acq: 04 May 2022 19:45

Tgt Ion: 117	Resp: 3135
Ion Ratio	Lower Upper
117 100	
119 0.0	75.8 113.6#
121 0.0	24.5 36.7#

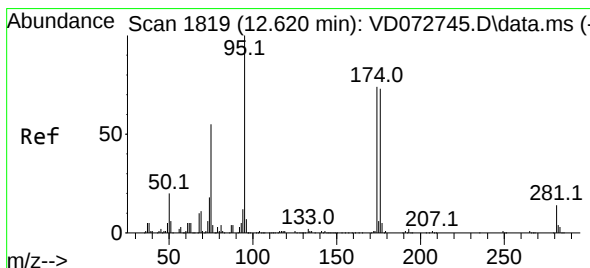
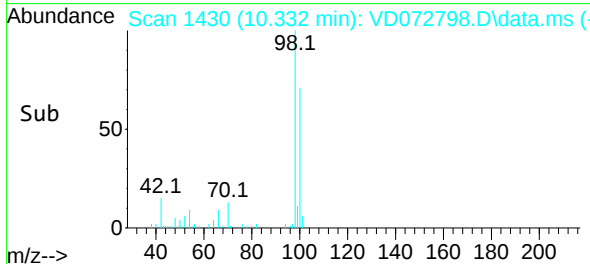
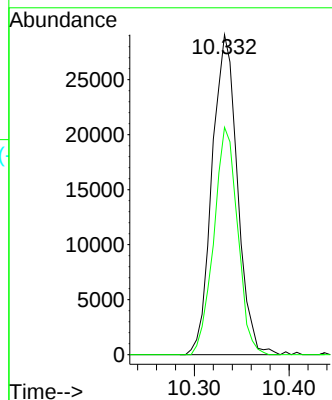
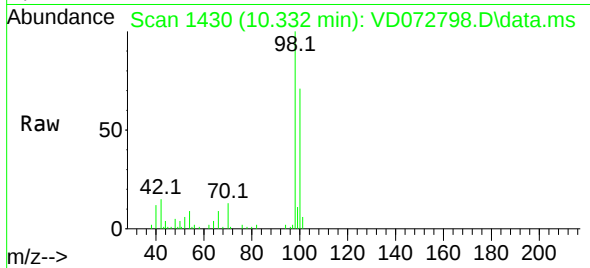




#50
Toluene-d8
Concen: 47.673 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

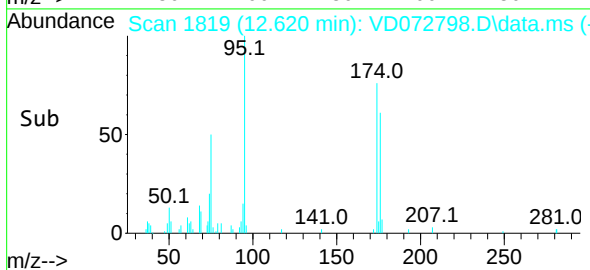
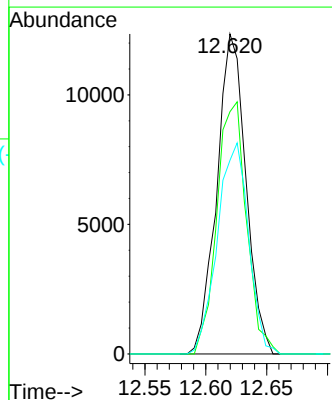
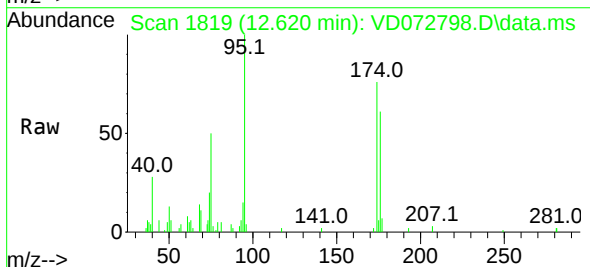
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

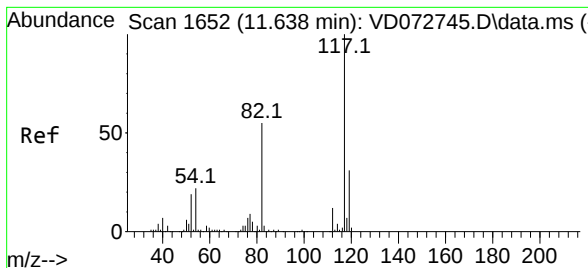
Tgt Ion: 98 Resp: 54026
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.532 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

Tgt Ion: 95 Resp: 20508
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 70.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072798.D

Acq: 04 May 2022 19:45

Instrument :

MSVOA_D

ClientSampleId :

SB-3,13

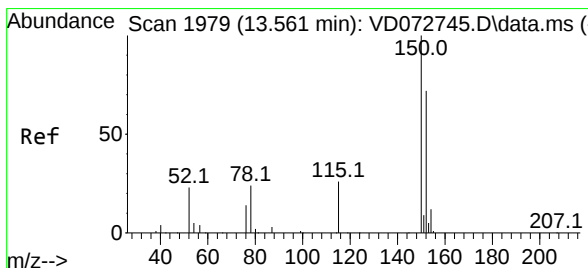
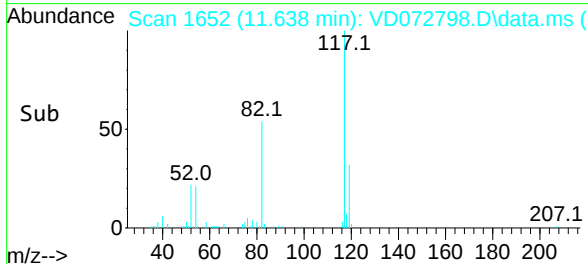
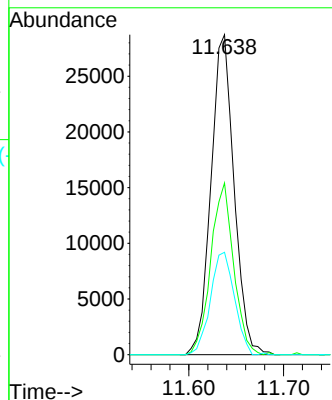
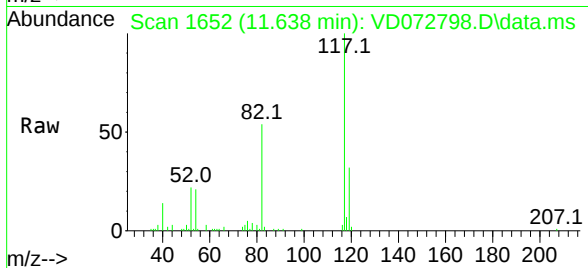
Tgt Ion:117 Resp: 48651

Ion Ratio Lower Upper

117 100

82 53.7 45.3 67.9

119 32.0 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD072798.D

Acq: 04 May 2022 19:45

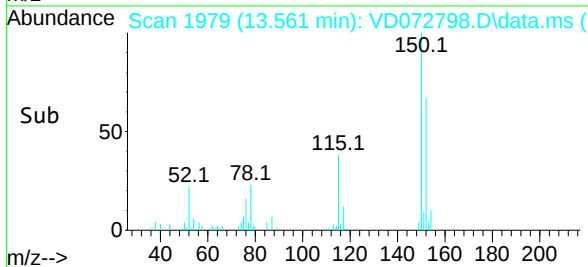
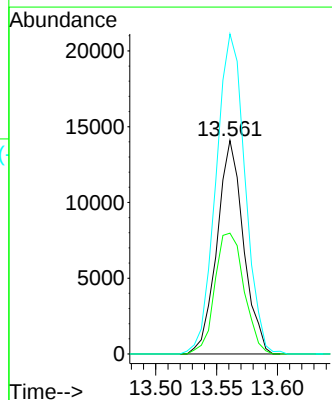
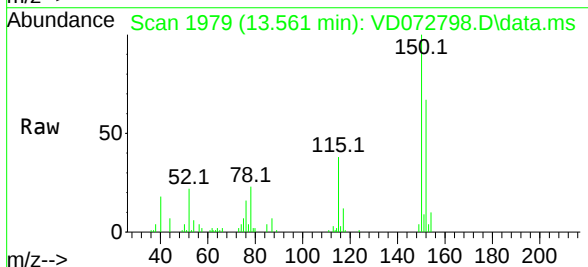
Tgt Ion:152 Resp: 21352

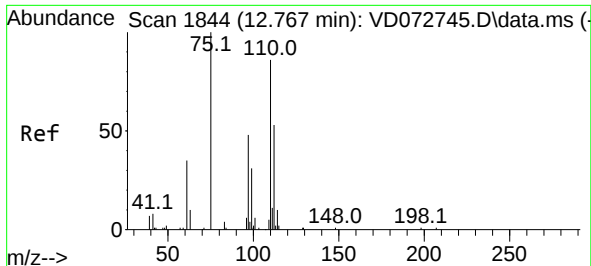
Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.8

150 164.6 0.0 348.6

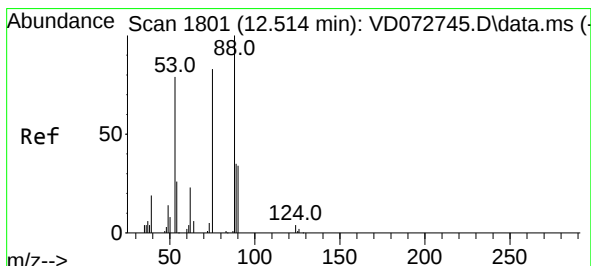
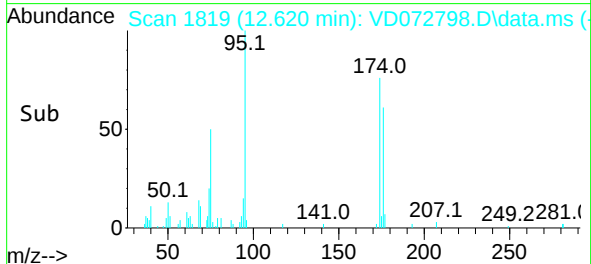
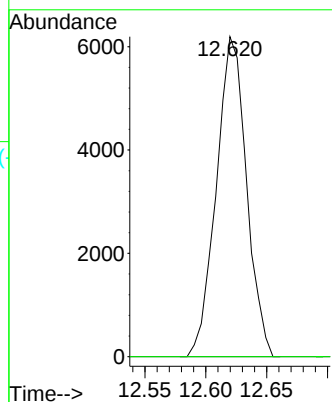
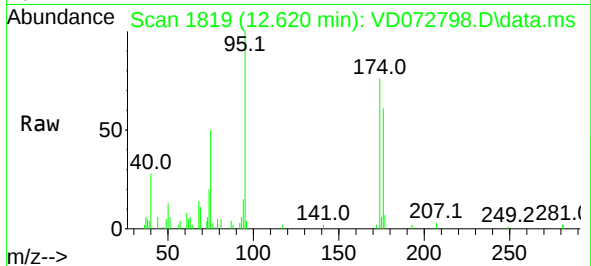




#76
1,2,3-Trichloropropane
Concen: 44.861 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

Tgt Ion: 75 Resp: 10681
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.163 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072798.D
Acq: 04 May 2022 19:45

Tgt Ion: 75 Resp: 10681
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

