

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072797.D
 Acq On : 04 May 2022 19:16
 Operator : VA/SY
 Sample : N2677-05
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,7

Quant Time: May 05 01:39:07 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

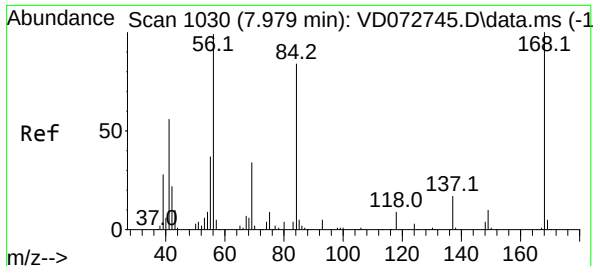
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	37670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	59206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	66797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33423	68.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.700%	
35) Dibromofluoromethane	7.909	113	26754	64.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.680%	
50) Toluene-d8	10.332	98	74919	50.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.620	95	28921	52.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.000%	
Target Compounds						Qvalue
5) Bromomethane	2.773	94	393	Below Cal	#	52
16) Acetone	4.162	43	590	Below Cal	#	47
20) Methylene Chloride	4.962	84	1167	Below Cal	#	77
36) 1,1-Dichloropropene	7.973	75	2993	4.427	ug/l #	43
38) Carbon Tetrachloride	7.973	117	3952	5.631	ug/l #	13
51) 4-Methyl-2-Pentanone	10.332	43	326	1.094	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	14590	44.043	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	14590	101.282	ug/l #	7

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

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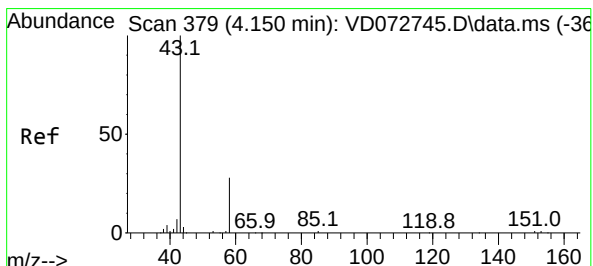
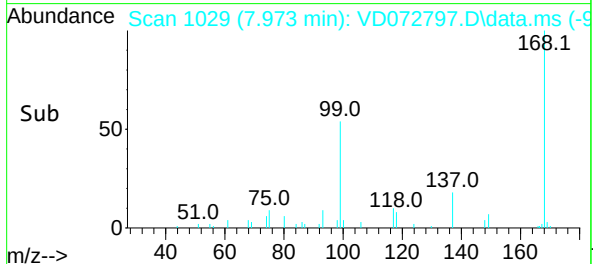
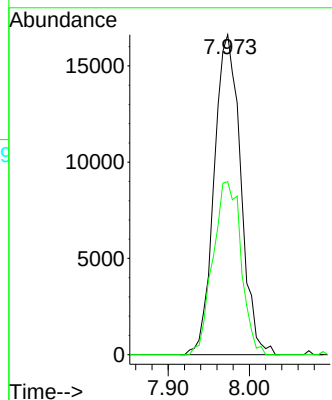
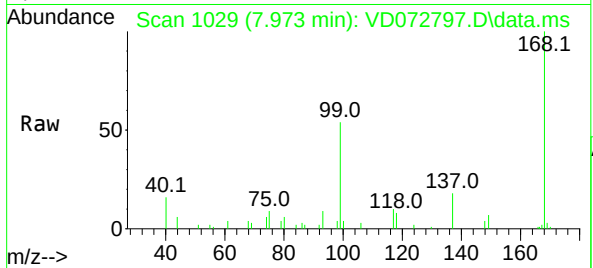




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

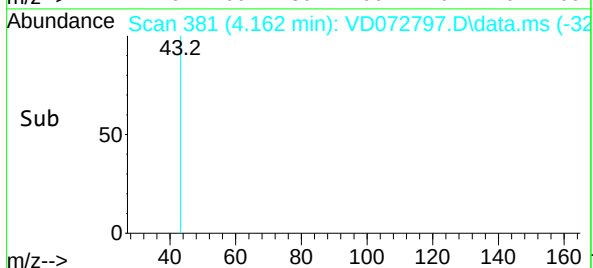
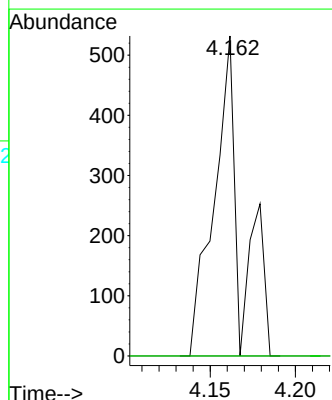
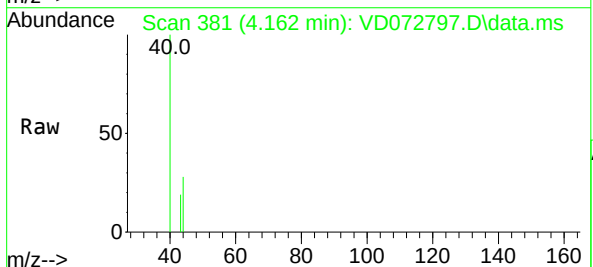
Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

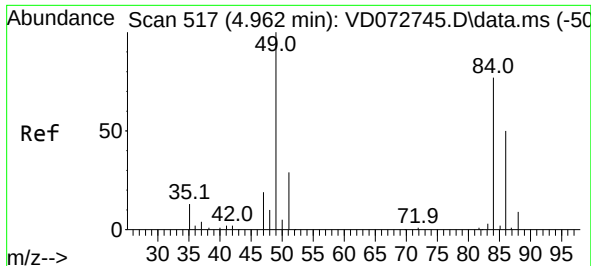
Tgt Ion:168 Resp: 37670
Ion Ratio Lower Upper
168 100
99 54.1 49.8 74.6



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



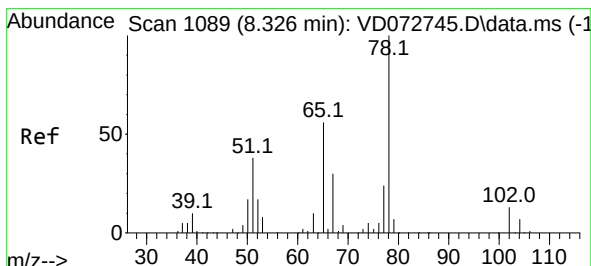
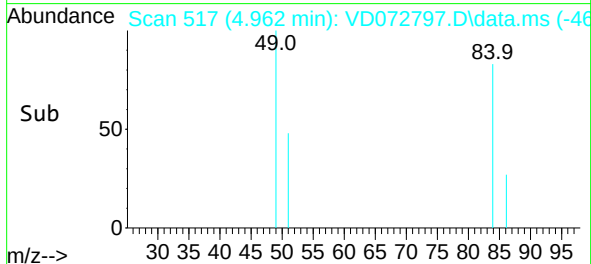
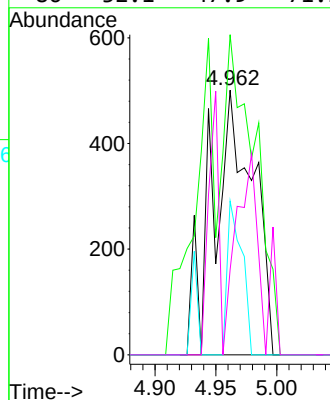
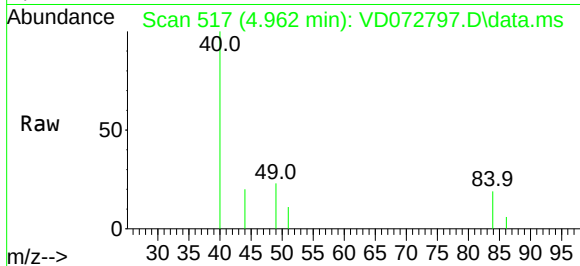


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

Tgt Ion: 84 Resp: 1167

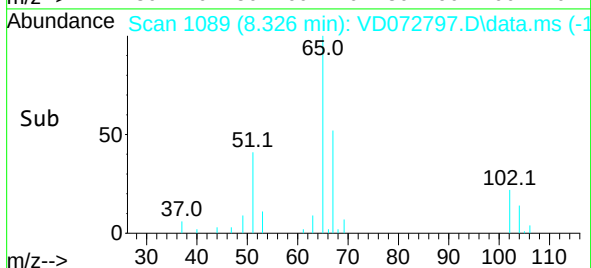
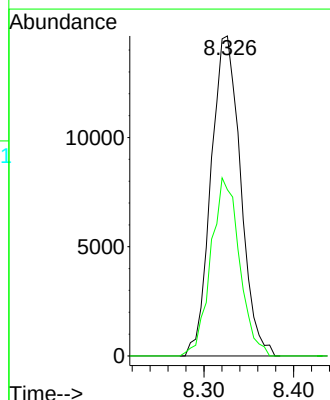
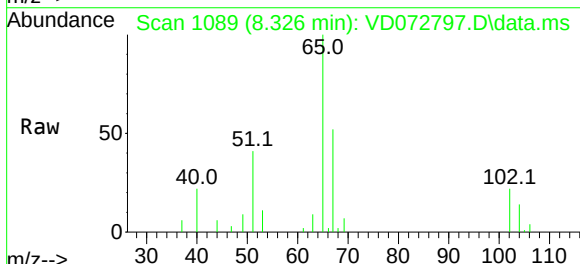
Ion	Ratio	Lower	Upper
84	100		
49	121.0	112.8	169.2
51	58.1	32.6	48.8#
86	32.1	47.9	71.9#

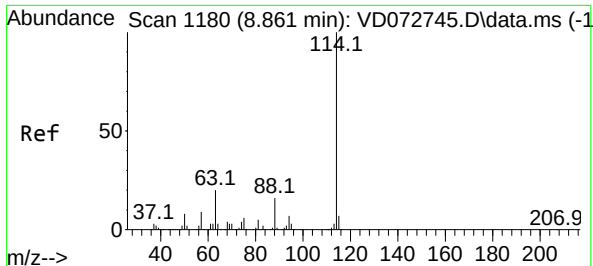


#33
1,2-Dichloroethane-d4
Concen: 68.352 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion: 65 Resp: 33423

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD072797.D

Acq: 04 May 2022 19:16

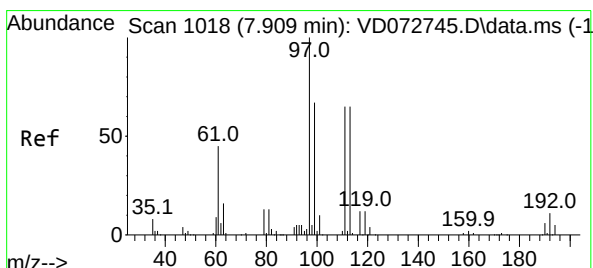
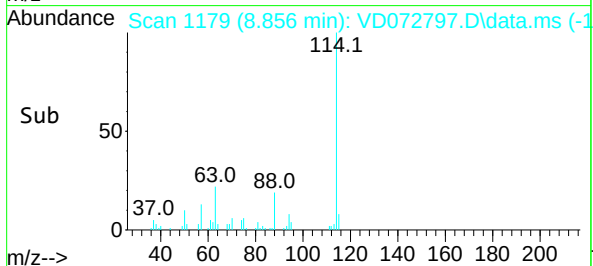
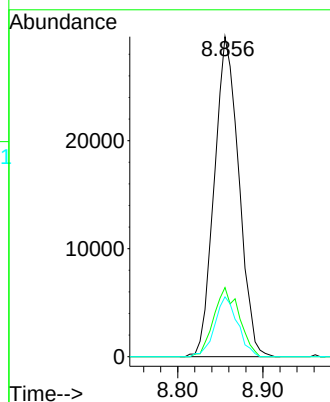
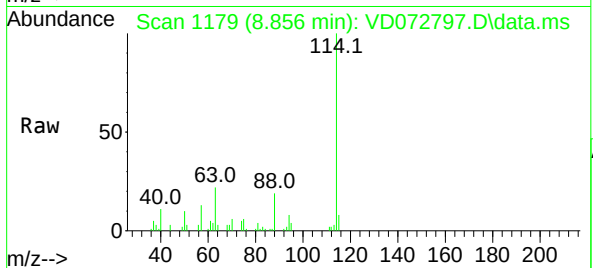
Instrument :

MSVOA_D

ClientSampleId :

SB-2,7

Tgt Ion:114	Resp:	59206
Ion	Ratio	Lower Upper
114	100	
63	21.6	0.0 46.6
88	18.7	0.0 33.2



#35

Dibromofluoromethane

Concen: 64.342 ug/l

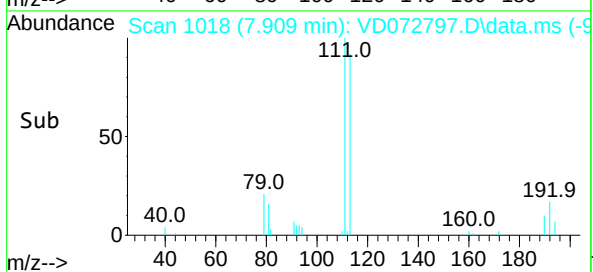
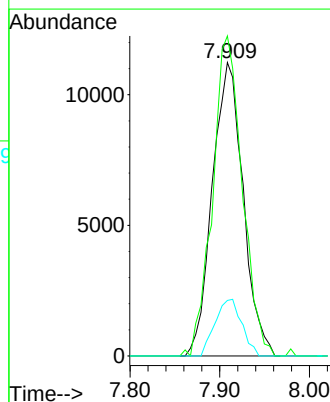
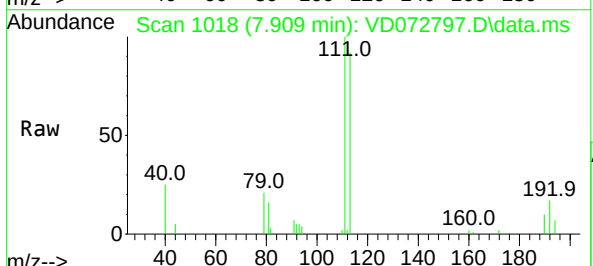
RT: 7.909 min Scan# 1018

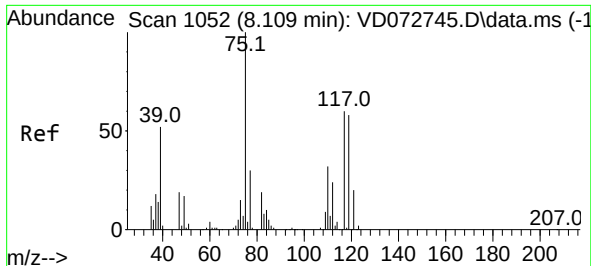
Delta R.T. -0.000 min

Lab File: VD072797.D

Acq: 04 May 2022 19:16

Tgt Ion:113	Resp:	26754
Ion	Ratio	Lower Upper
113	100	
111	105.0	83.8 125.6
192	16.7	14.6 21.8

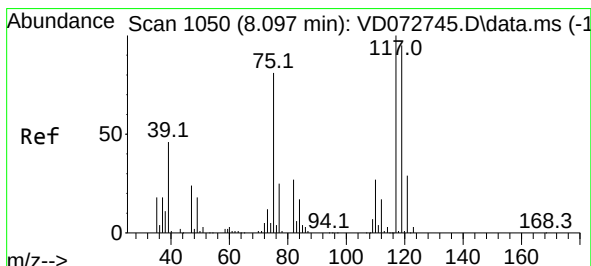
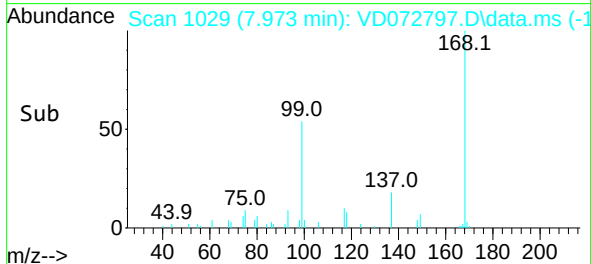
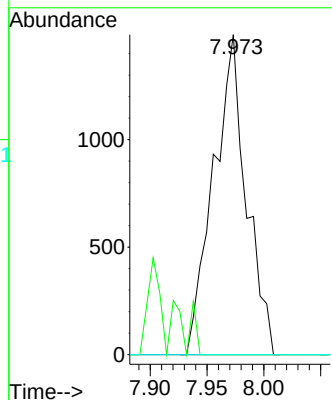
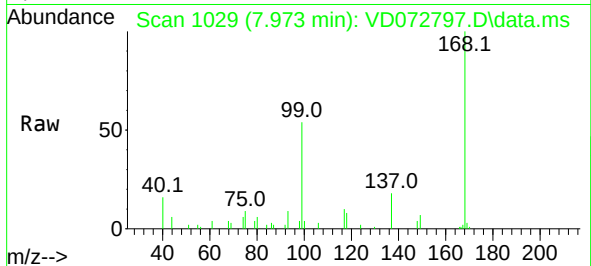




#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

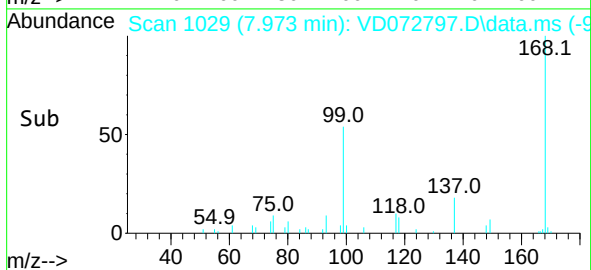
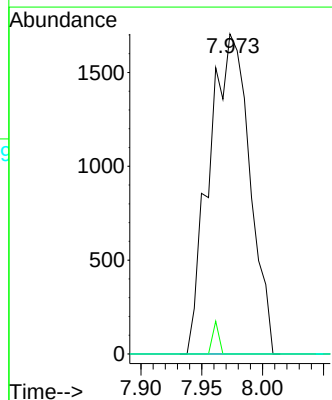
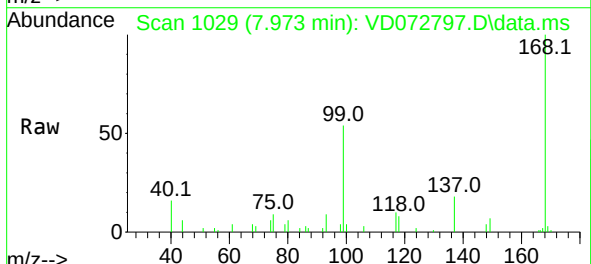
Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

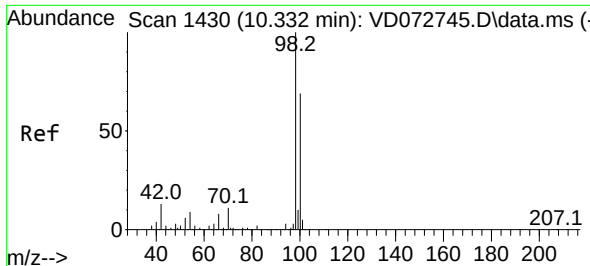
Tgt Ion: 75 Resp: 2993
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion: 117 Resp: 3952
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#

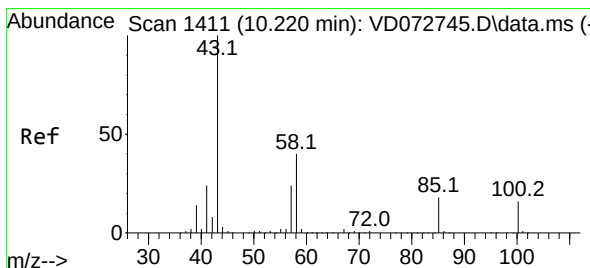
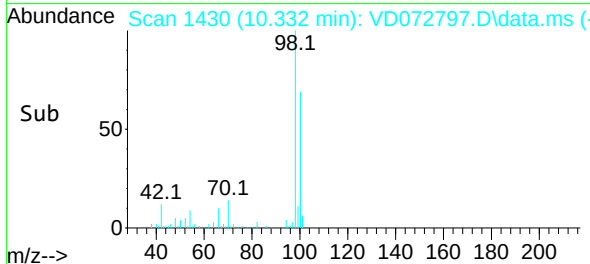
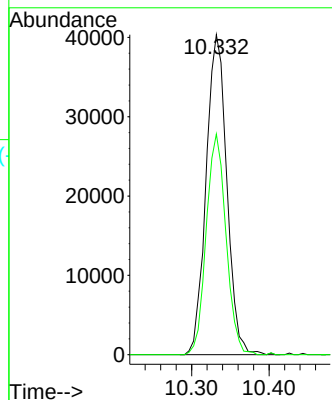
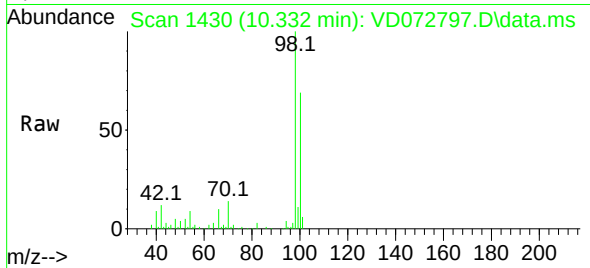




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

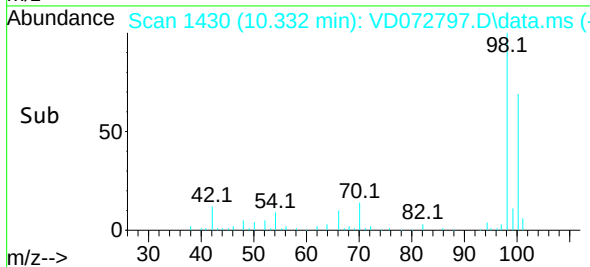
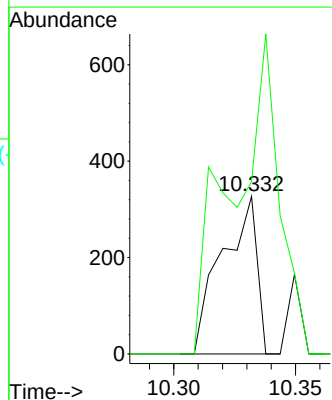
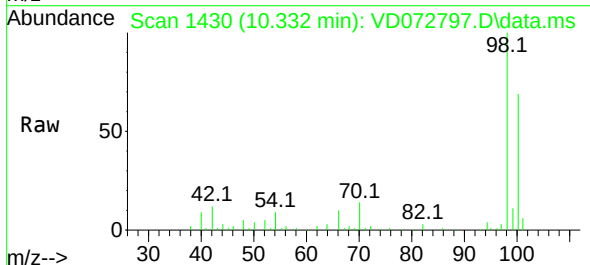
Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

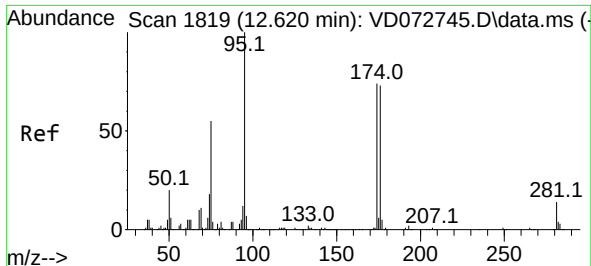
Tgt Ion: 98 Resp: 74919
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.094 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 270.9 28.6 43.0#

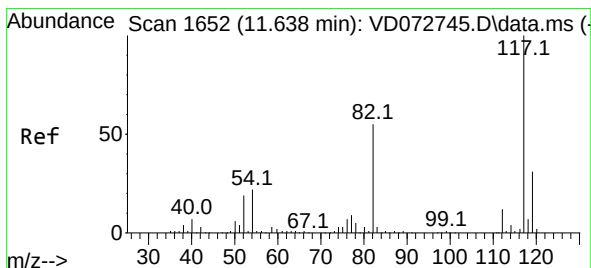
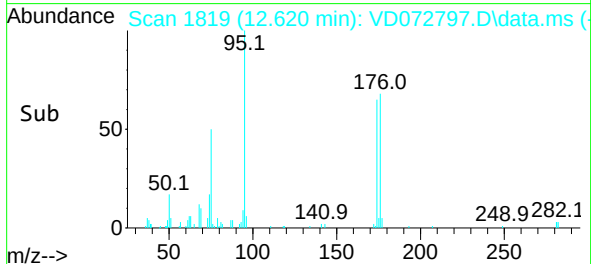
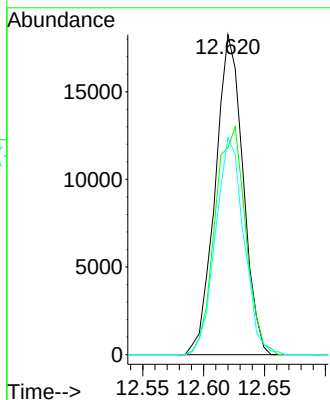
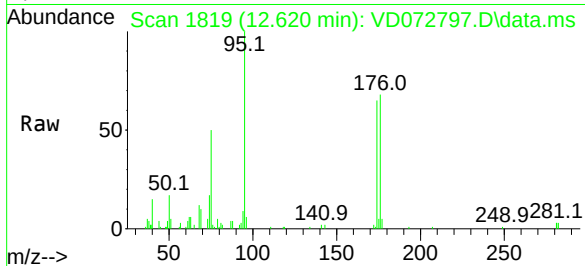




#62
4-Bromofluorobenzene
Concen: 52.001 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

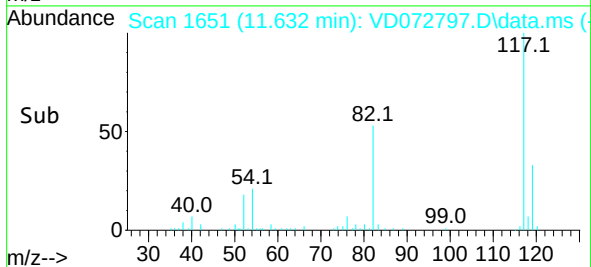
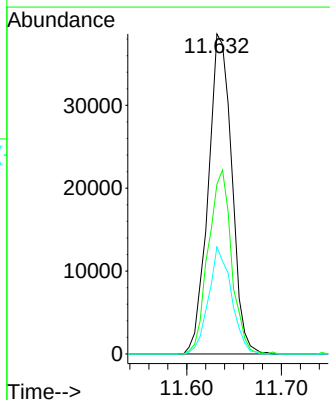
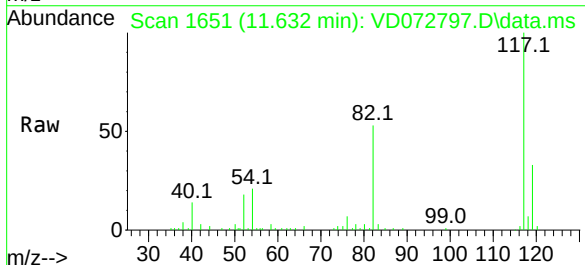
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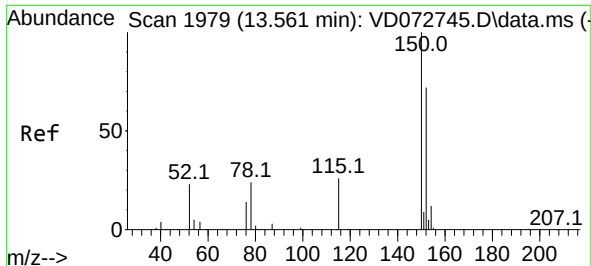
Tgt Ion: 95 Resp: 28921
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 69.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion: 117 Resp: 66797
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 33.4 26.6 40.0

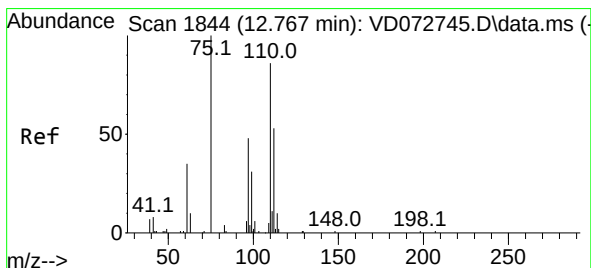
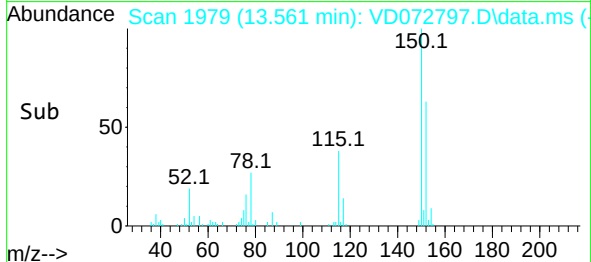
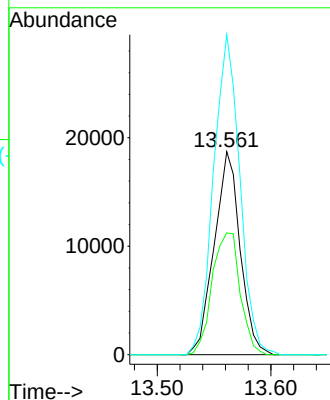
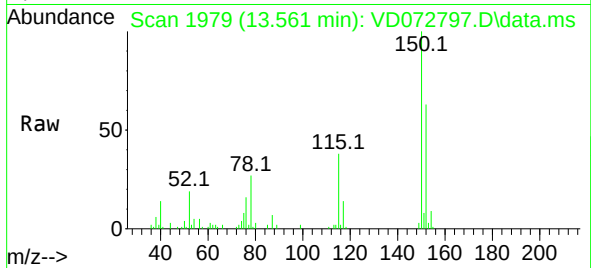




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD072797.D
 Acq: 04 May 2022 19:16

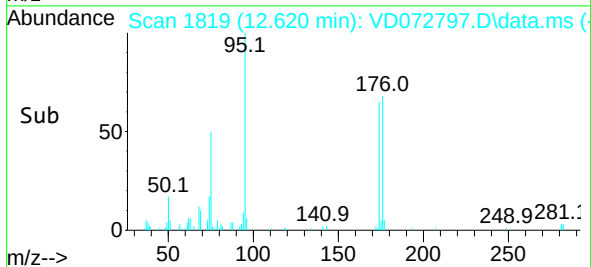
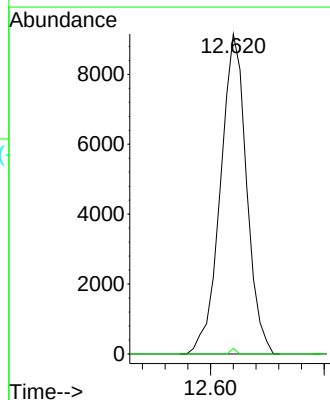
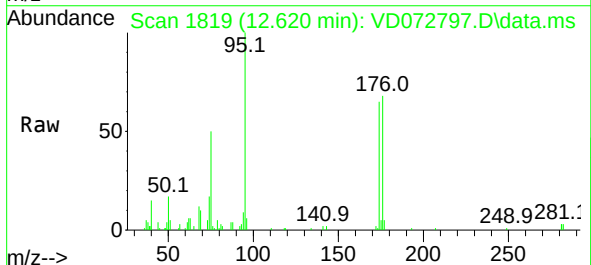
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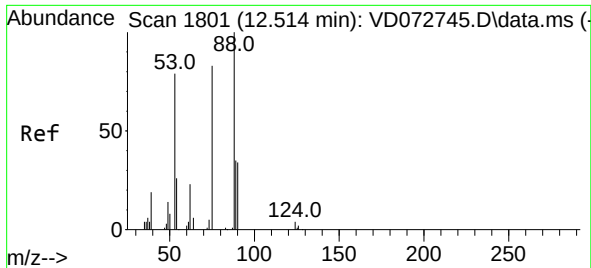
Tgt Ion:152 Resp: 29708
 Ion Ratio Lower Upper
 152 100
 115 64.6 31.3 93.8
 150 159.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.043 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072797.D
 Acq: 04 May 2022 19:16

Tgt Ion: 75 Resp: 14590
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.282 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072797.D
 Acq: 04 May 2022 19:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,7

Tgt Ion: 75 Resp: 14590
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

