

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073612.D
 Acq On : 16 Jun 2022 12:39
 Operator : VA/SY
 Sample : N3329-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 16 15:11:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

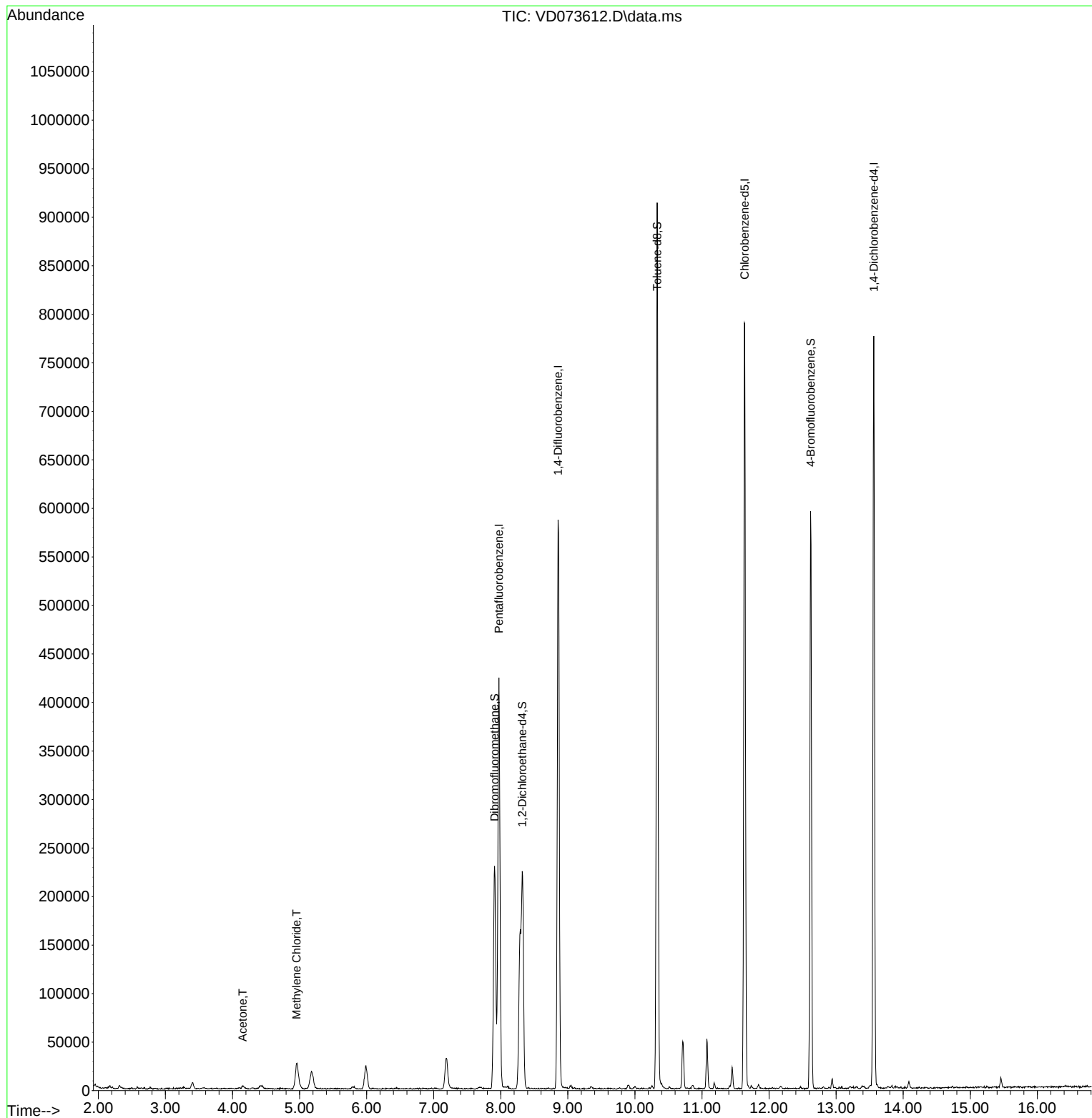
Internal Standards						
1) Pentafluorobenzene	7.973	168	301766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	520222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	469277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	207741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	164624	50.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.680%	
35) Dibromofluoromethane	7.908	113	169954	50.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.332	98	603899	47.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.500%	
62) 4-Bromofluorobenzene	12.620	95	197414	42.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	4973	8.722	ug/l #	89
20) Methylene Chloride	4.956	84	20906	2.765	ug/l #	83

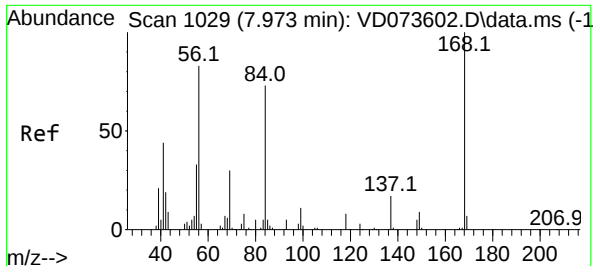
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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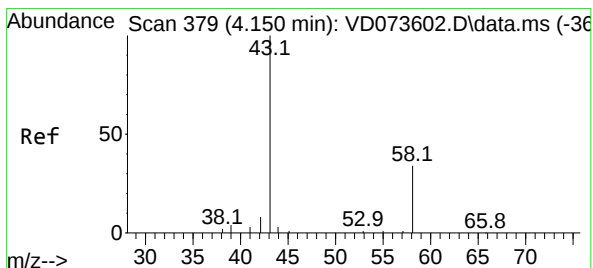
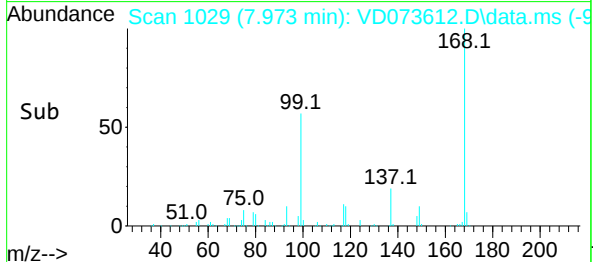
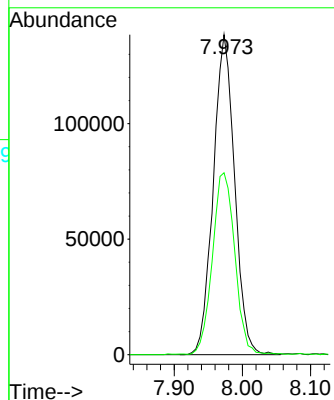
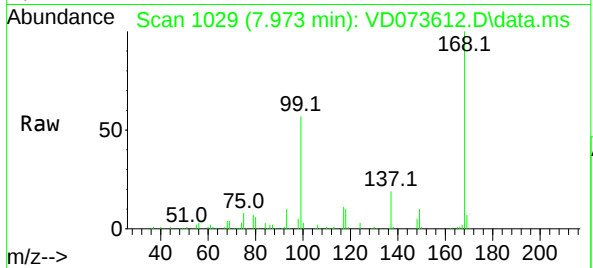




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

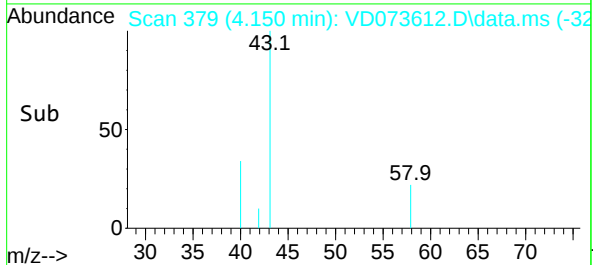
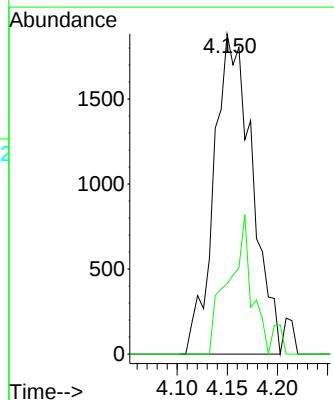
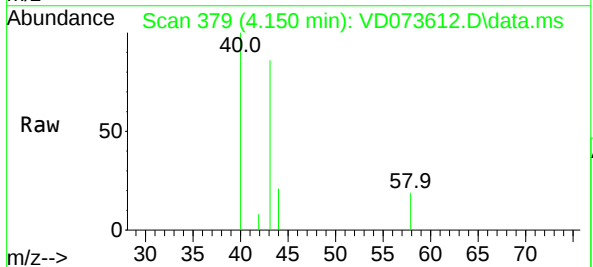
Instrument :
MSVOA_D
ClientSampleId :
PALMYRA-RT-73-COMP-3

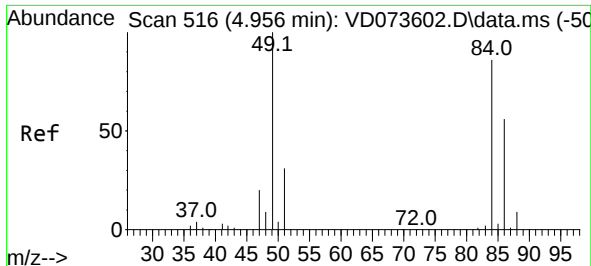
Tgt Ion:168 Resp: 301766
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#16
Acetone
Concen: 8.722 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
58 22.0 22.1 33.1#

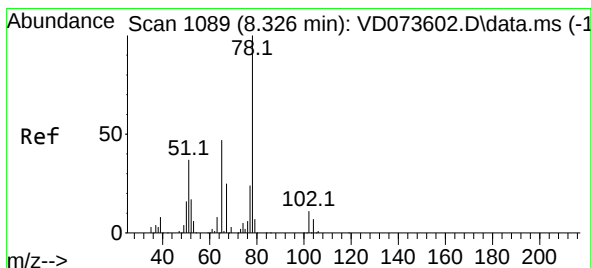
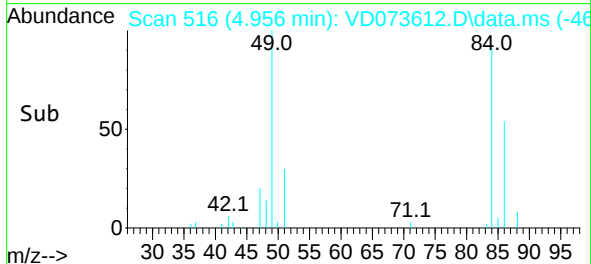
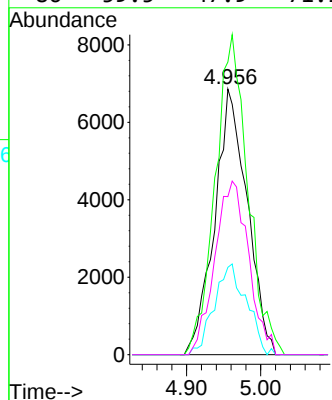
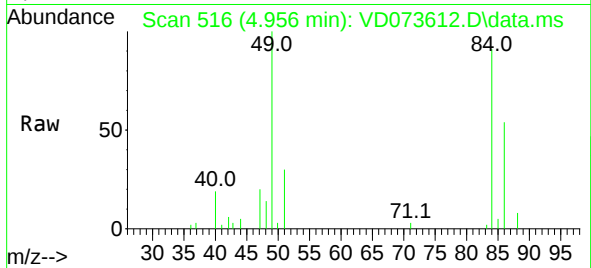




#20
Methylene Chloride
Concen: 2.765 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

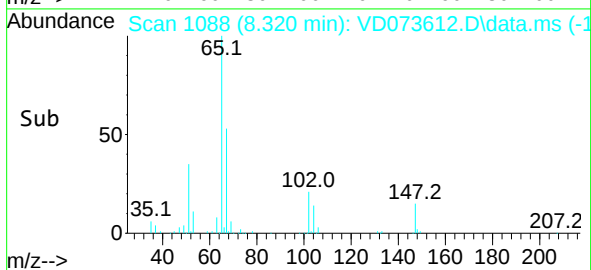
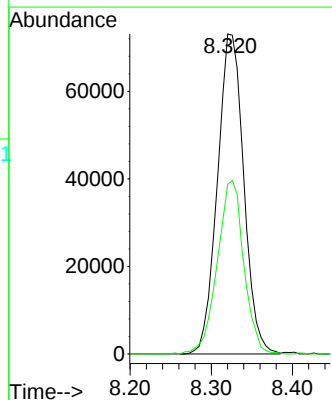
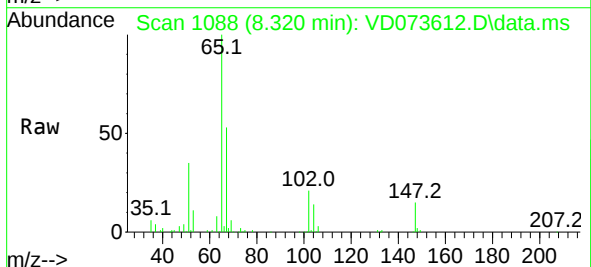
Instrument :
MSVOA_D
ClientSampleId :
PALMYRA-RT-73-COMP-3

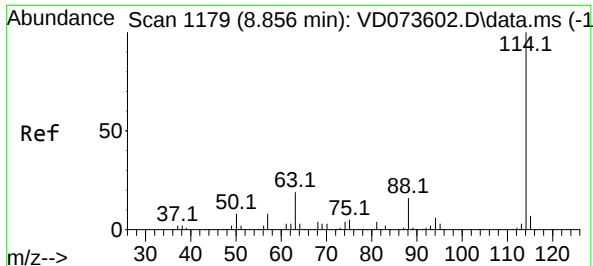
Tgt Ion:	84	Resp:	20906
Ion	Ratio	Lower	Upper
84	100		
49	110.2	112.8	169.2#
51	32.9	32.6	48.8
86	59.5	47.9	71.9



#33
1,2-Dichloroethane-d4
Concen: 50.836 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

Tgt Ion:	65	Resp:	164624
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073612.D

Acq: 16 Jun 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

PALMYRA-RT-73-COMP-3

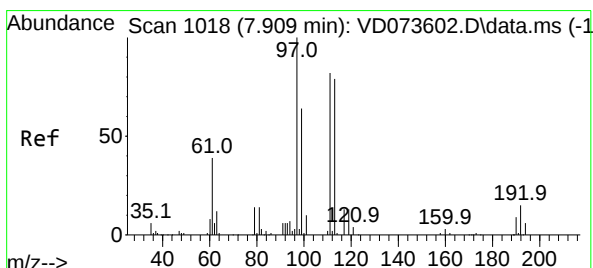
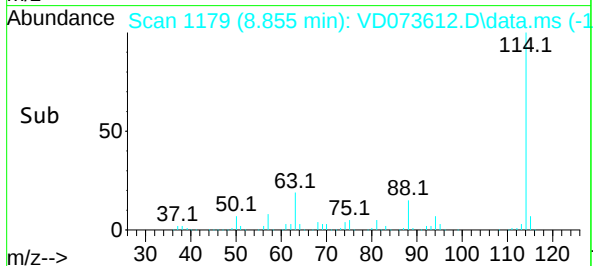
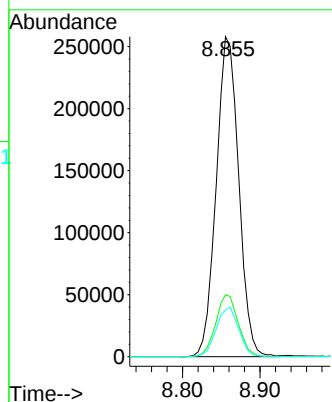
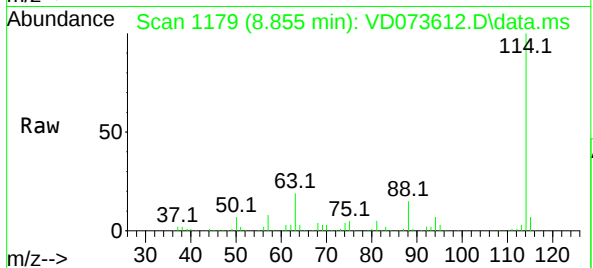
Tgt Ion:114 Resp: 520222

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.805 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073612.D

Acq: 16 Jun 2022 12:39

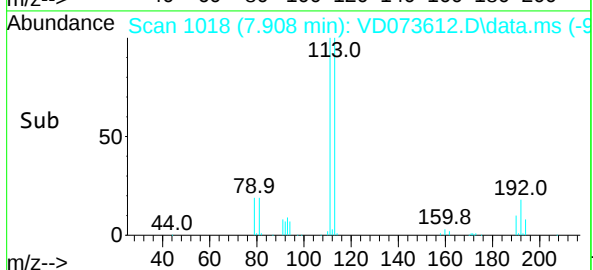
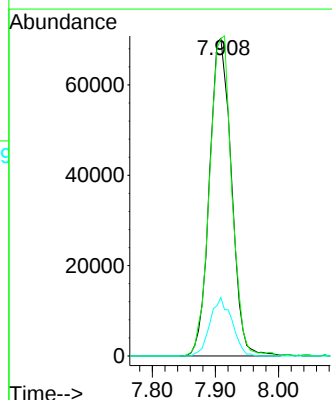
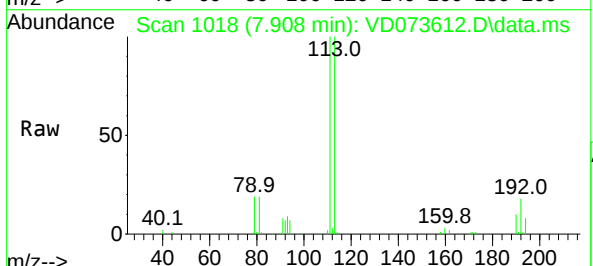
Tgt Ion:113 Resp: 169954

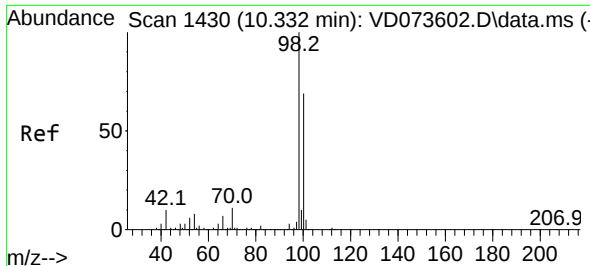
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.3 14.6 21.8

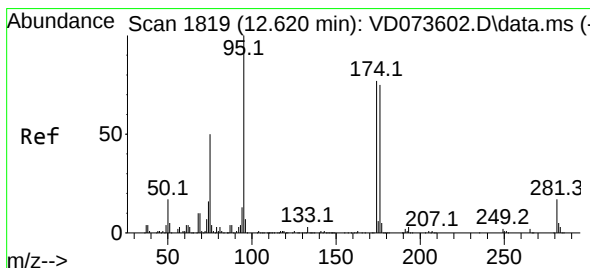
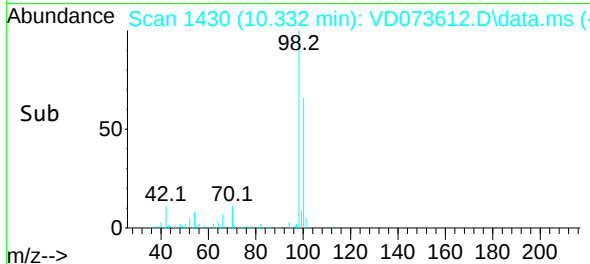
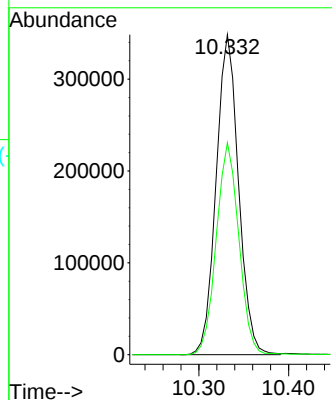
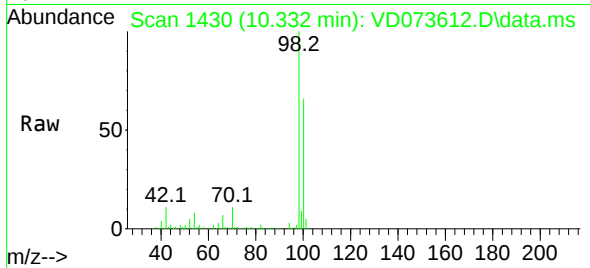




#50
Toluene-d8
Concen: 47.747 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

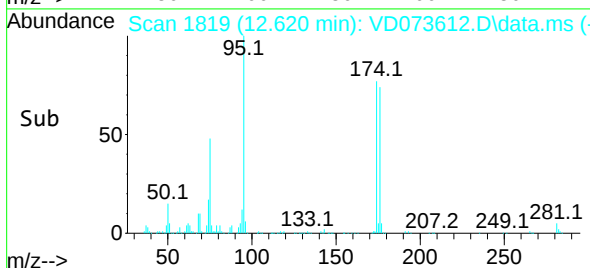
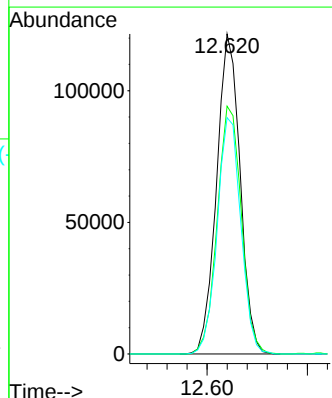
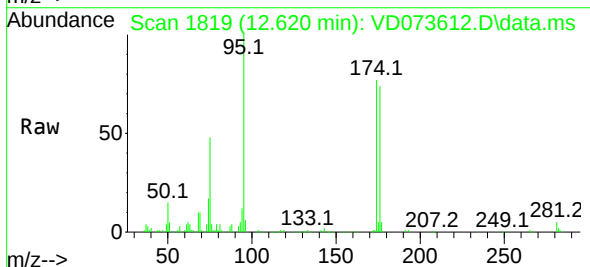
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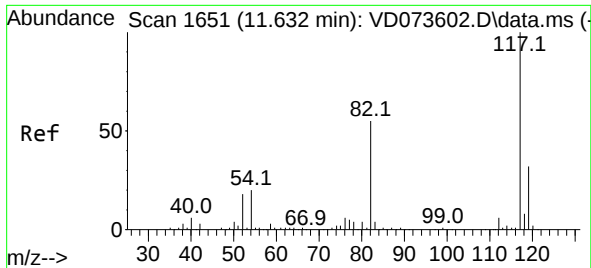
Tgt Ion: 98 Resp: 603899
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.995 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

Tgt Ion: 95 Resp: 197414
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 74.4 0.0 145.4

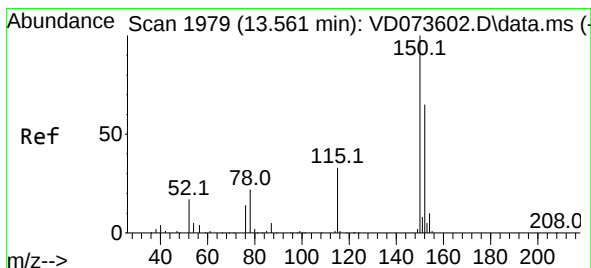
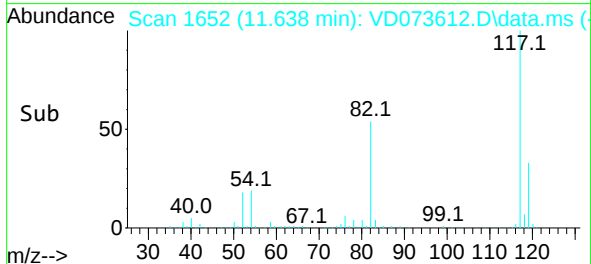
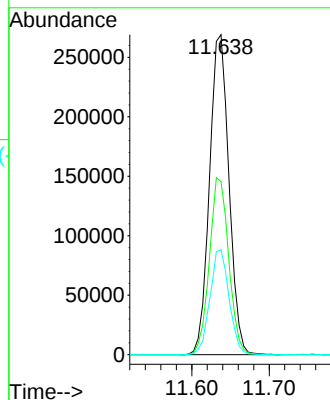
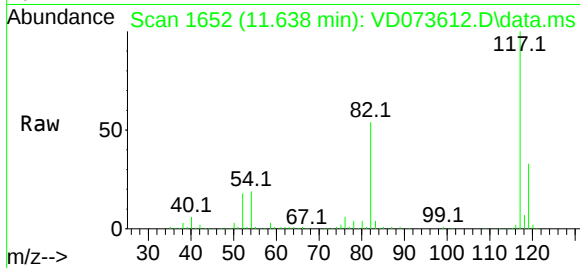




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073612.D
Acq: 16 Jun 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion:117 Resp: 469277
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.8 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: VD073612.D
Acq: 16 Jun 2022 12:39

Tgt Ion:152 Resp: 207741
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 158.2 0.0 348.6

