

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073076.D
 Acq On : 18 May 2022 01:19
 Operator : VA/SY
 Sample : N2824-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-3

Quant Time: May 18 05:13:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

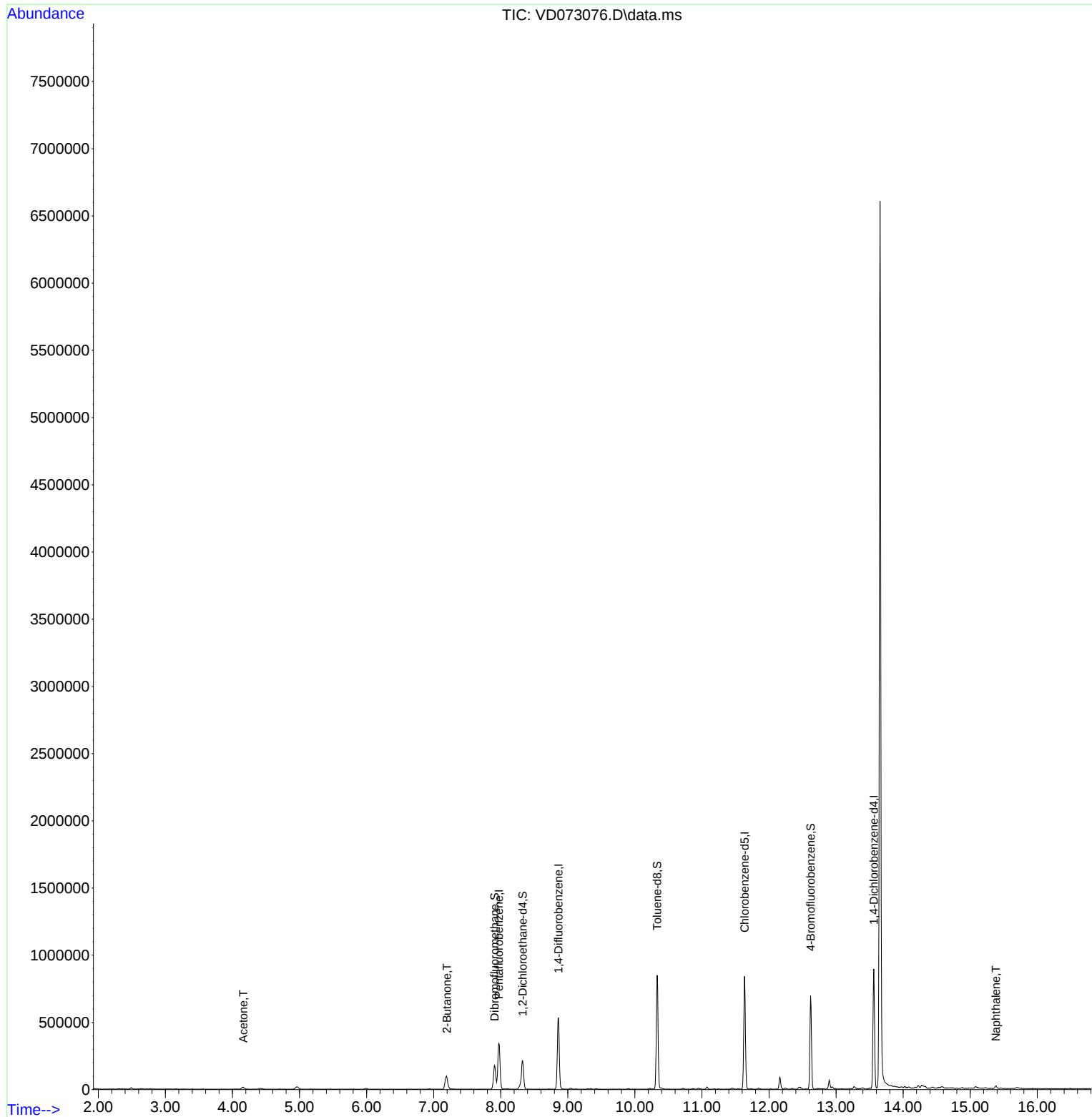
Internal Standards						
1) Pentafluorobenzene	7.973	168	256629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	454595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	167800	52.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.909	113	129608	40.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.220%	
50) Toluene-d8	10.332	98	572663	49.457	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.620	95	227842	54.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.660%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	26771	46.095	ug/l	93
25) 2-Butanone	7.197	43	11606	13.197	ug/l #	90
95) Naphthalene	15.385	128	17050	5.967	ug/l #	97

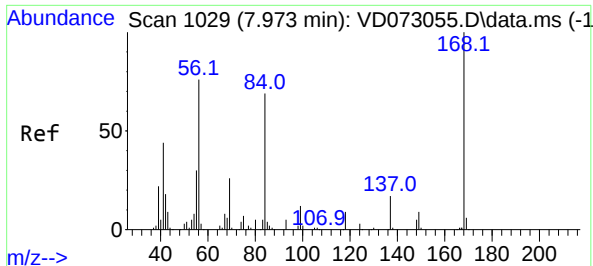
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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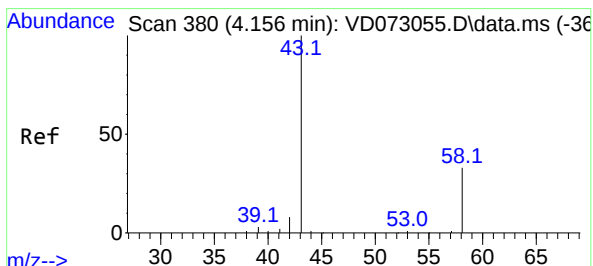
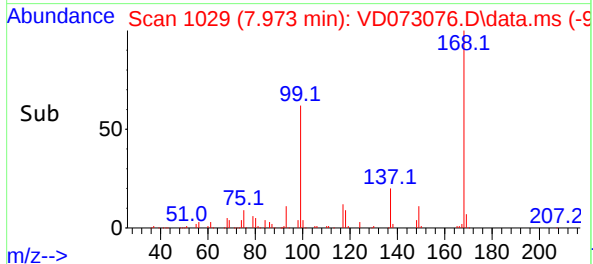
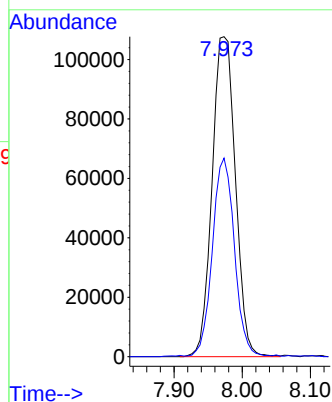
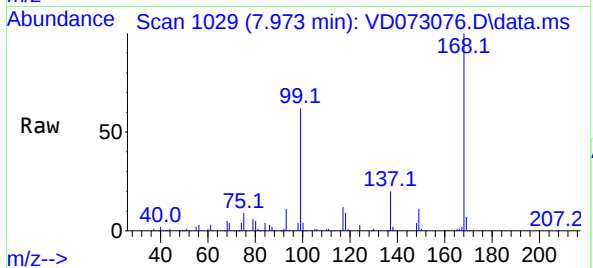




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

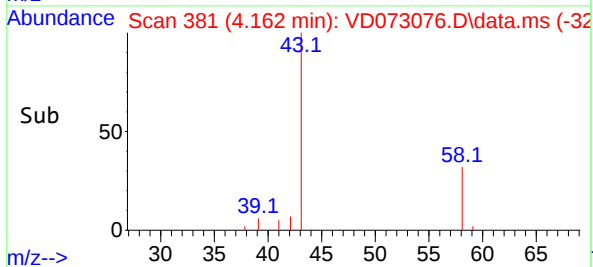
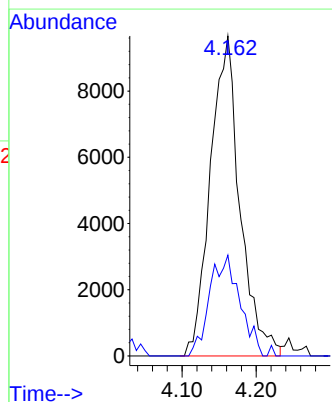
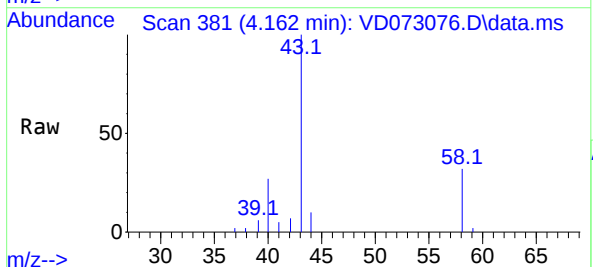
Instrument :
MSVOA_D
ClientSampleId :
COM-3

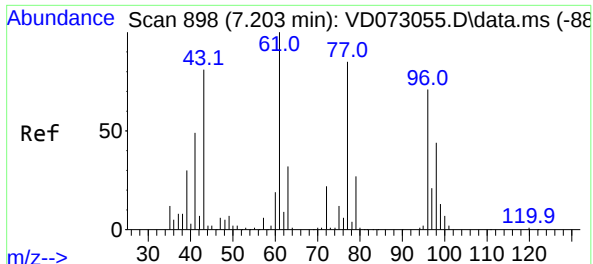
Tgt Ion:168 Resp: 256629
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#16
Acetone
Concen: 46.095 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion: 43 Resp: 26771
Ion Ratio Lower Upper
43 100
58 31.5 22.1 33.1

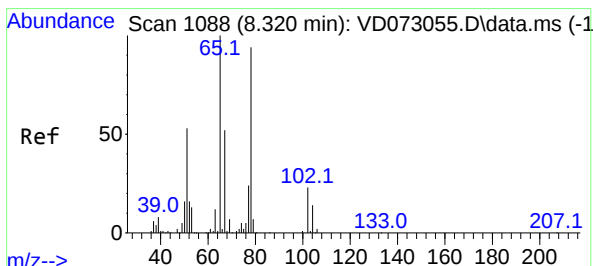
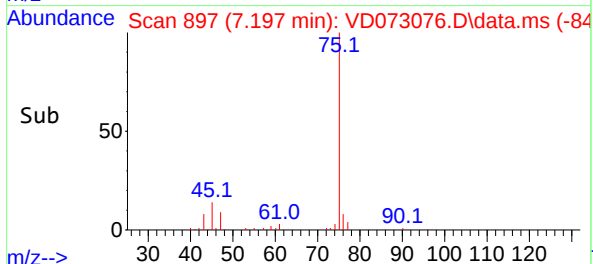
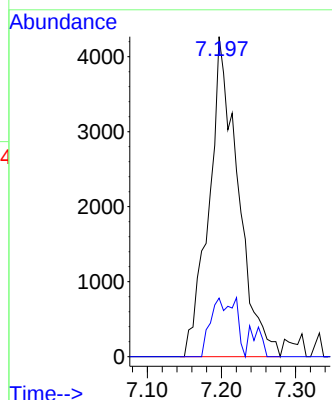
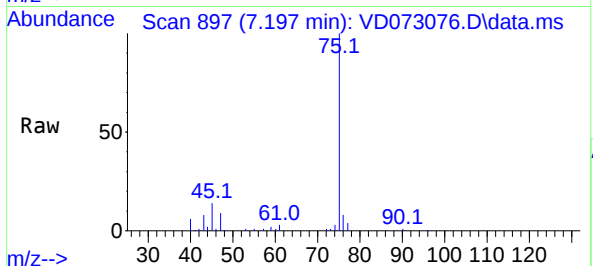




#25
2-Butanone
Concen: 13.197 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

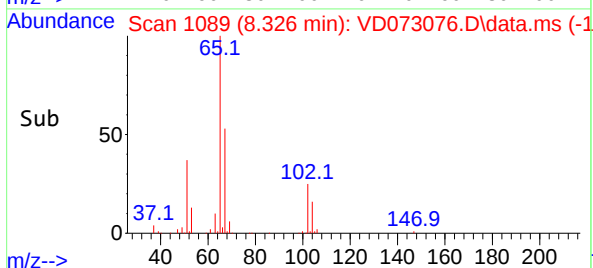
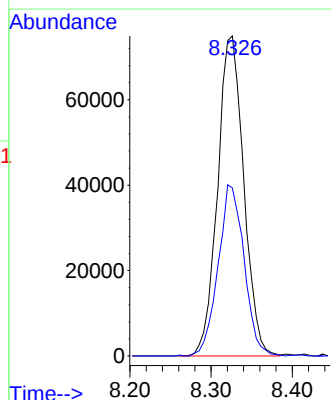
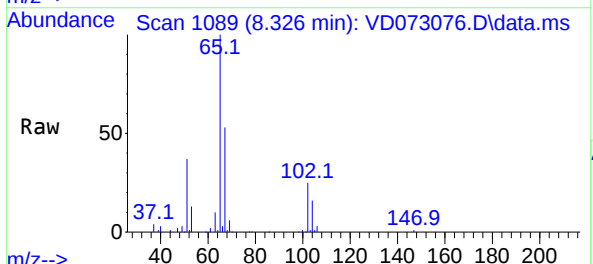
Instrument :
MSVOA_D
ClientSampleId :
COM-3

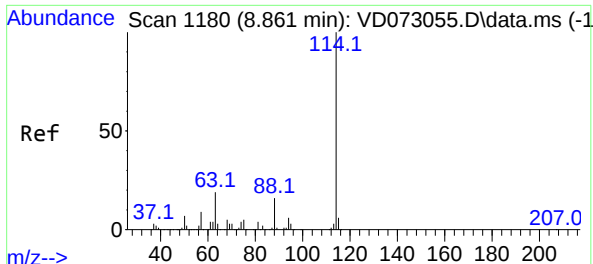
Tgt Ion: 43 Resp: 11606
Ion Ratio Lower Upper
43 100
72 18.3 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 52.285 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion: 65 Resp: 167800
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



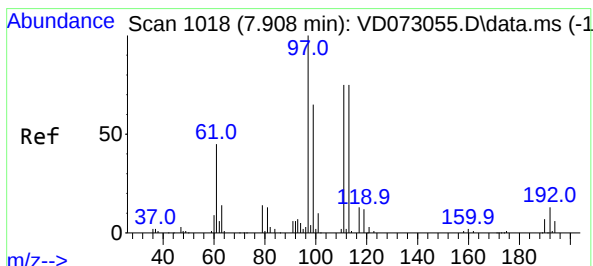
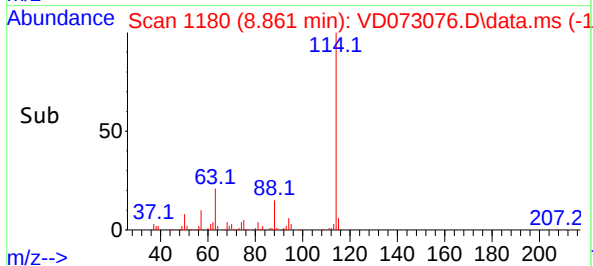
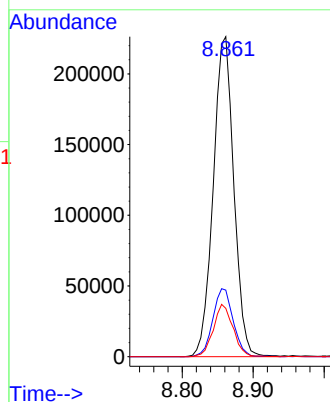
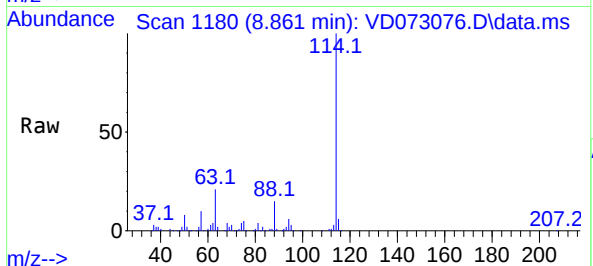


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Instrument :
MSVOA_D
ClientSampleId :
COM-3

Tgt Ion:114 Resp: 454595

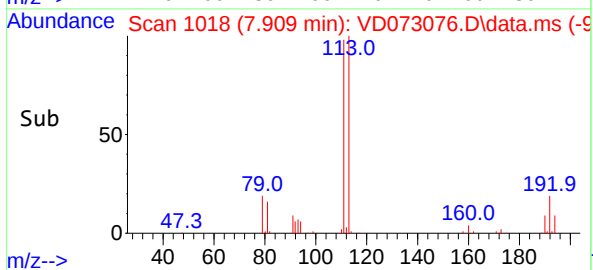
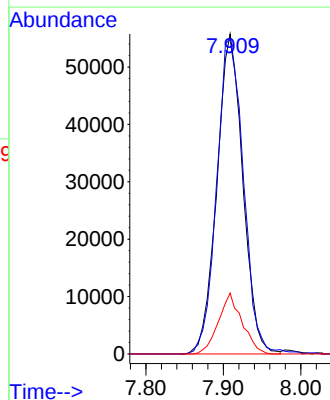
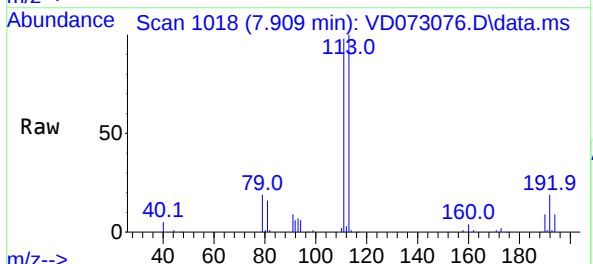
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	46.6
88	15.1	0.0	33.2

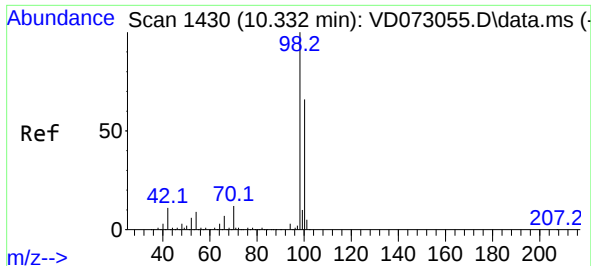


#35
Dibromofluoromethane
Concen: 40.607 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion:113 Resp: 129608

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.8	125.6
192	17.3	14.6	21.8

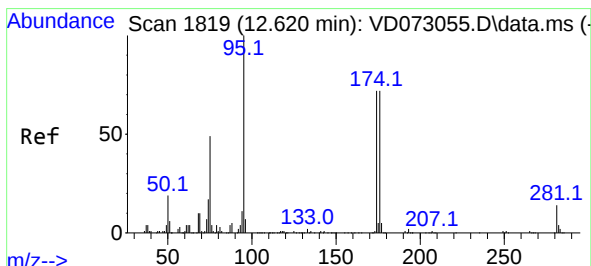
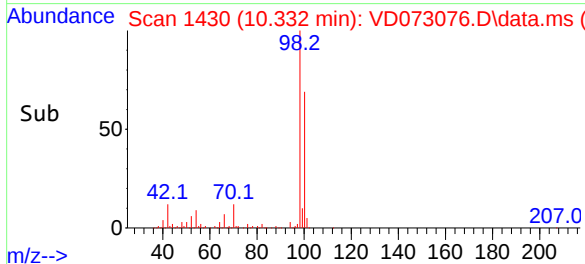
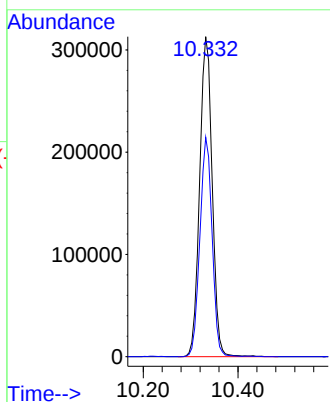
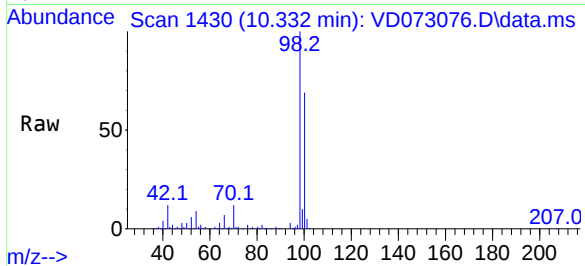




#50
Toluene-d8
Concen: 49.457 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

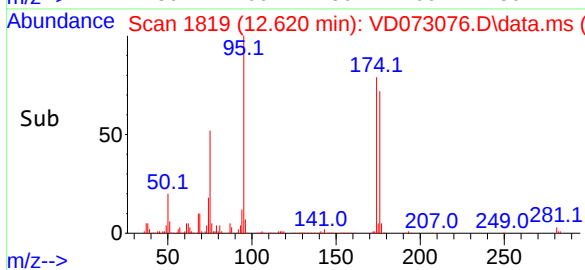
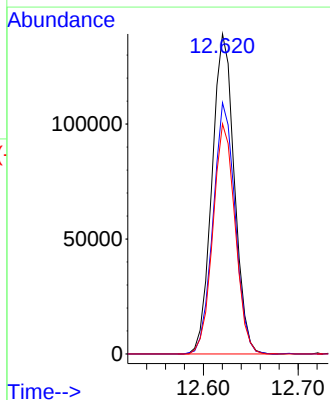
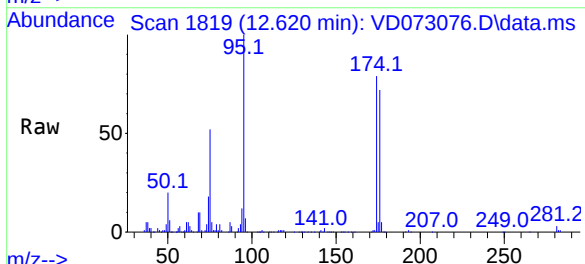
Instrument :
MSVOA_D
ClientSampleId :
COM-3

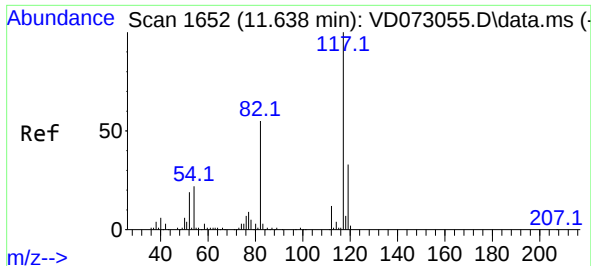
Tgt Ion: 98 Resp: 572663
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.327 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion: 95 Resp: 227842
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 71.5 0.0 145.4

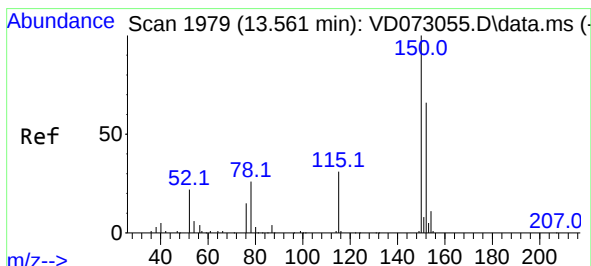
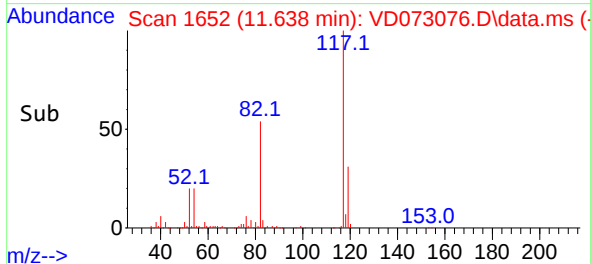
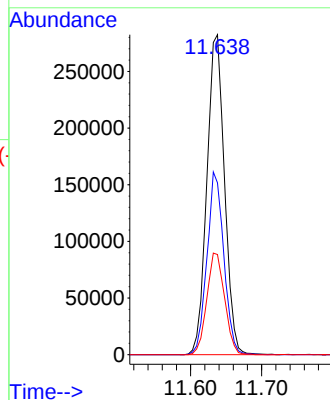
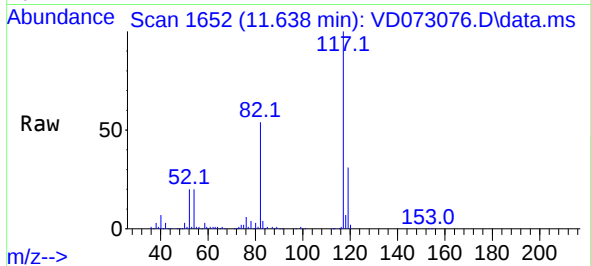




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

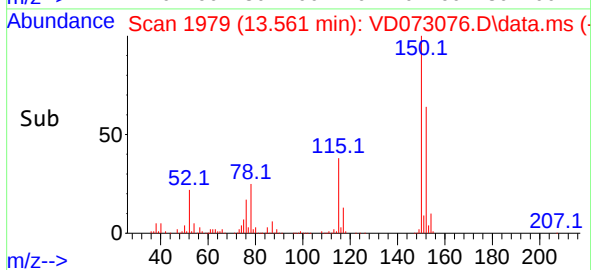
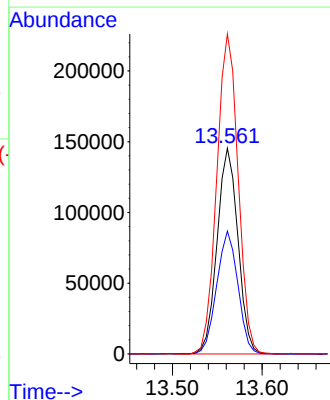
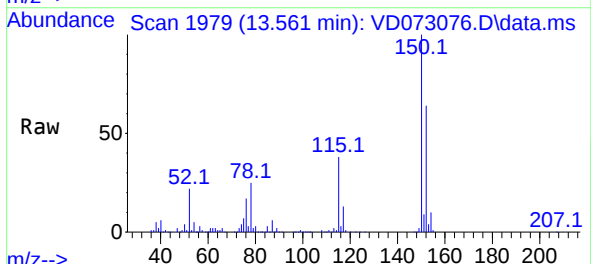
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MSVOA_D
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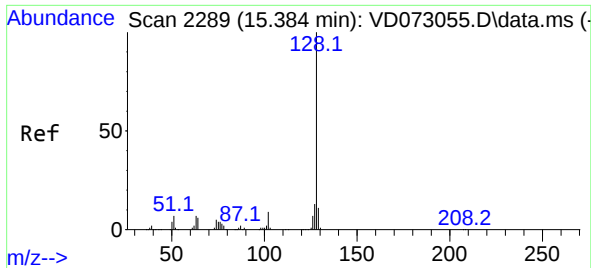
Tgt Ion:117 Resp: 487386
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion:152 Resp: 234603
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 159.1 0.0 348.6





#95

Naphthalene

Concen: 5.967 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD073076.D

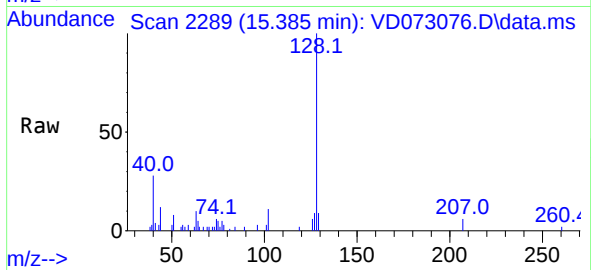
Acq: 18 May 2022 01:19

Instrument :

MSVOA_D

ClientSampleId :

COM-3



Tgt Ion:	128	Resp:	17050
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	12.7	8.4	12.6#

