

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074203.D
 Acq On : 24 Aug 2022 01:31
 Operator : VA/SY
 Sample : N4260-02
 Misc : 5.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(5-10)

Quant Time: Aug 24 07:58:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

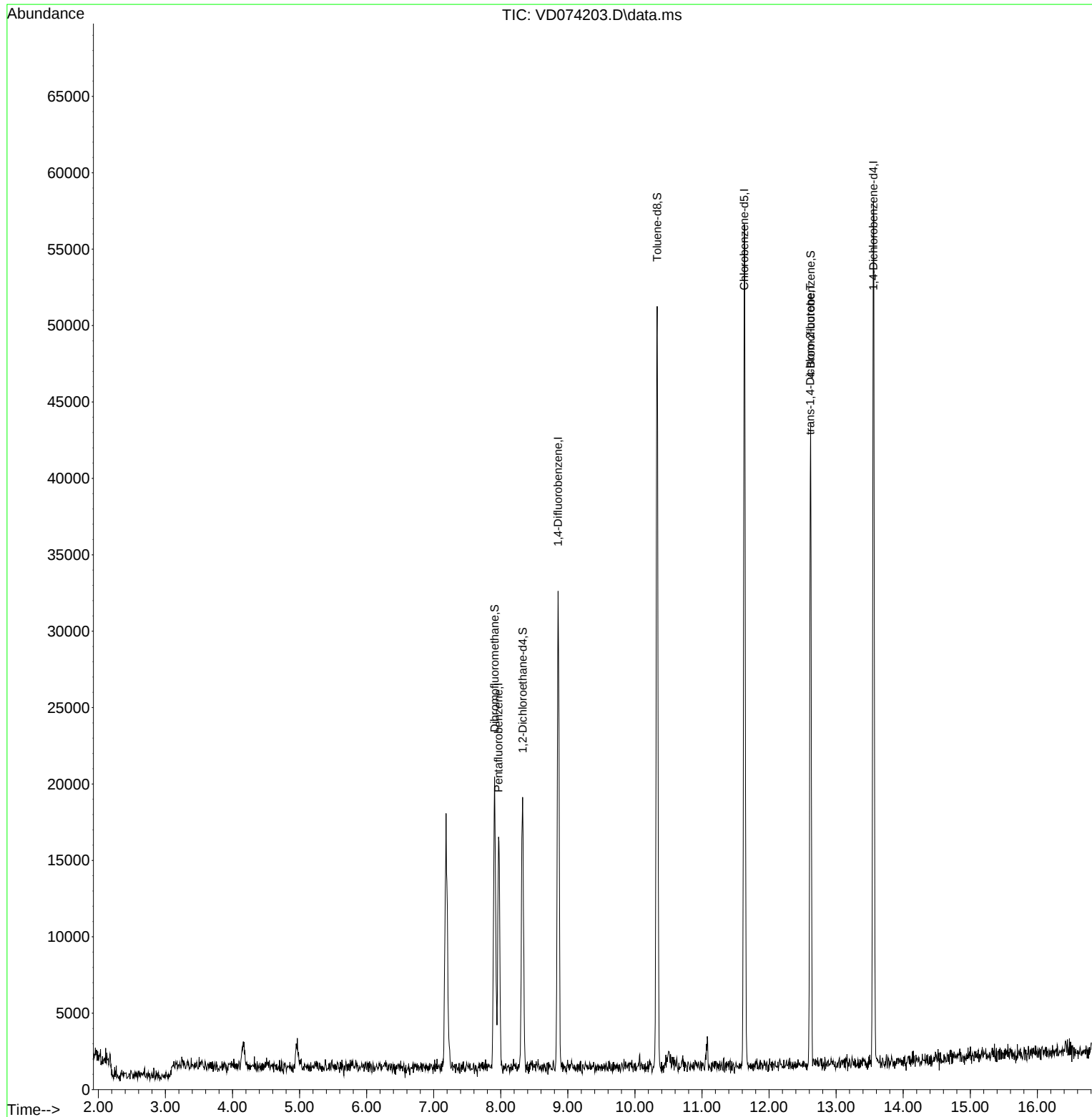
Internal Standards						
1) Pentafluorobenzene	7.967	168	10918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	25561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	32136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	15460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14534	130.274	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	260.540%#	
35) Dibromofluoromethane	7.908	113	12839	75.093	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	150.180%#	
50) Toluene-d8	10.332	98	34145	62.052	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	124.100%	
62) 4-Bromofluorobenzene	12.620	95	14784	68.008	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	136.020%	
Target Compounds						
81) trans-1,4-Dichloro-2-b...	12.614	75	7230	123.169	ug/l	Qvalue # 7

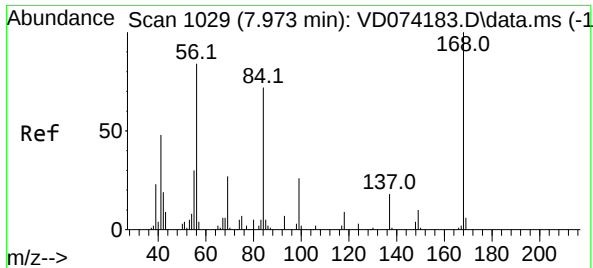
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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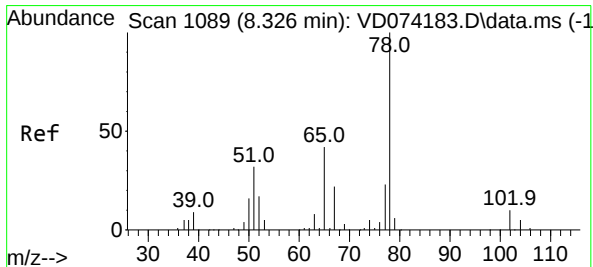
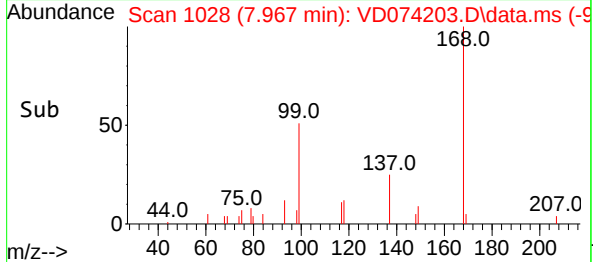
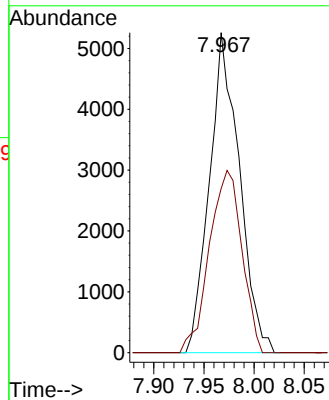
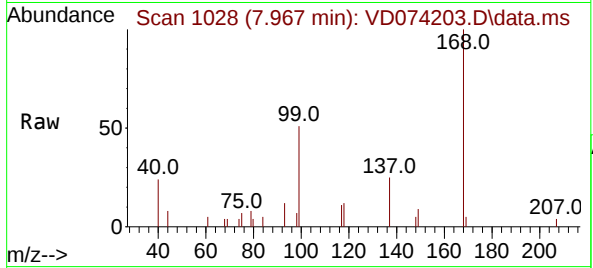




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

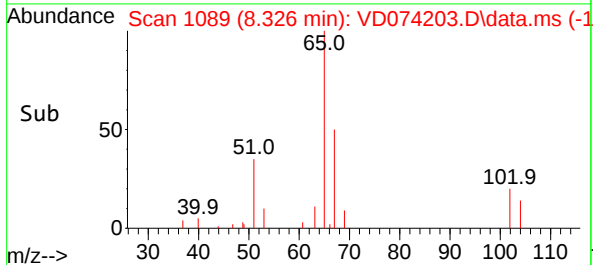
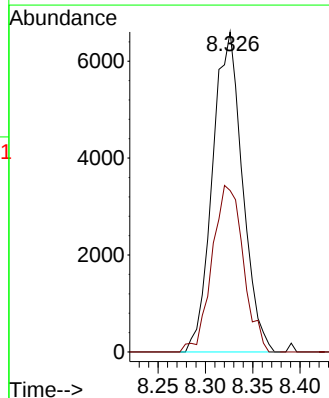
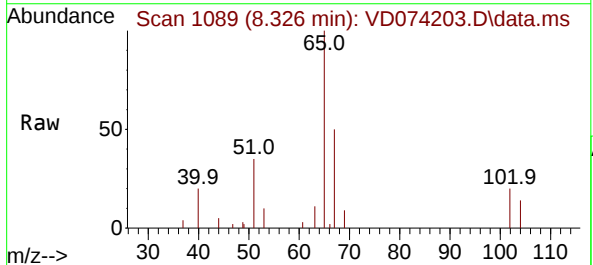
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

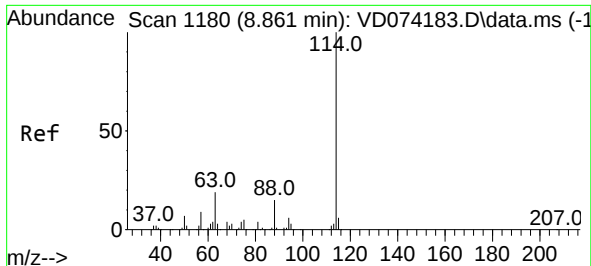
Tgt Ion:168 Resp: 10918
Ion Ratio Lower Upper
168 100
99 51.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 130.274 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 65 Resp: 14534
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074203.D

Acq: 24 Aug 2022 01:31

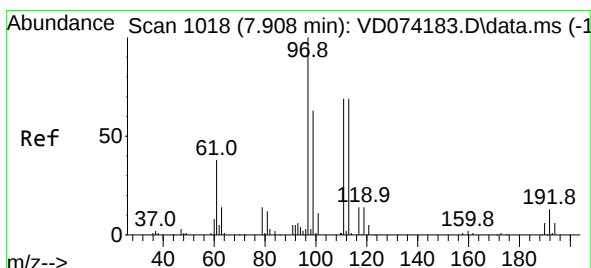
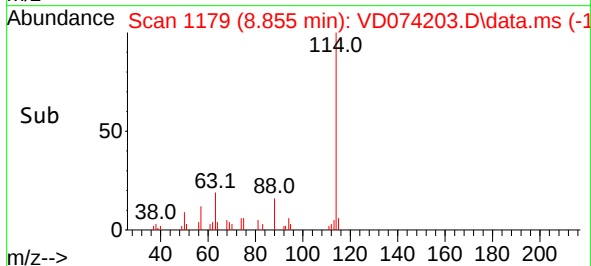
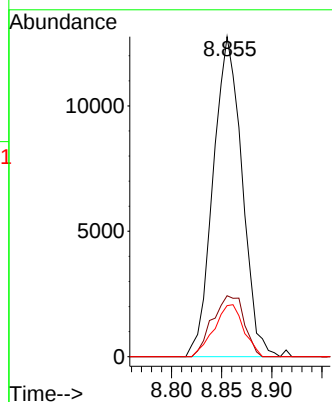
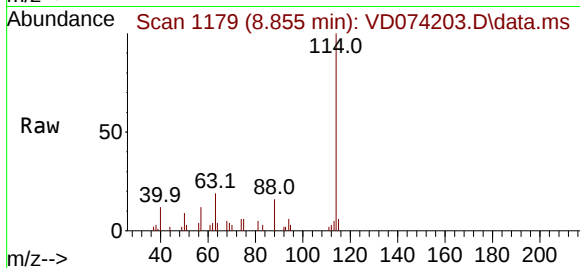
Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(5-10)

Tgt Ion:114	Resp:	25561
Ion	Ratio	Lower Upper
114	100	
63	19.1	0.0 46.6
88	16.0	0.0 33.2



#35

Dibromofluoromethane

Concen: 75.093 ug/l

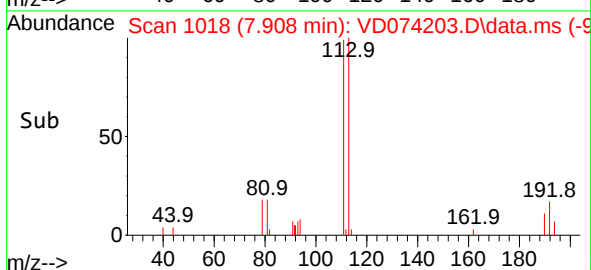
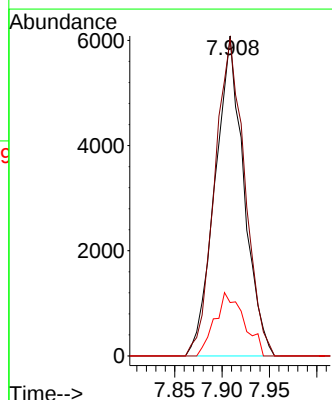
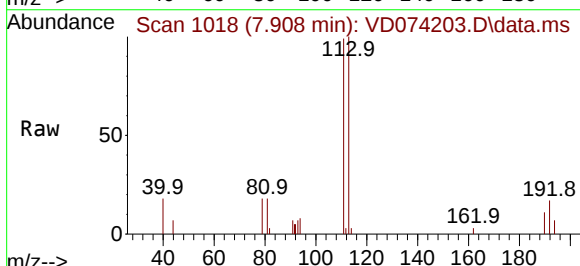
RT: 7.908 min Scan# 1018

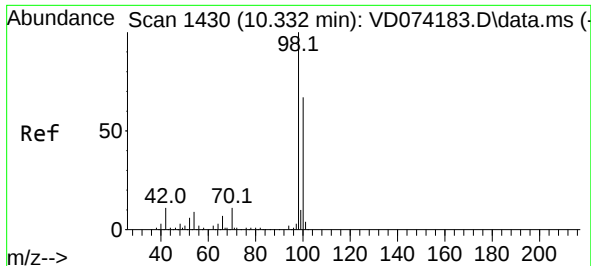
Delta R.T. 0.000 min

Lab File: VD074203.D

Acq: 24 Aug 2022 01:31

Tgt Ion:113	Resp:	12839
Ion	Ratio	Lower Upper
113	100	
111	103.7	83.8 125.6
192	20.1	14.6 21.8

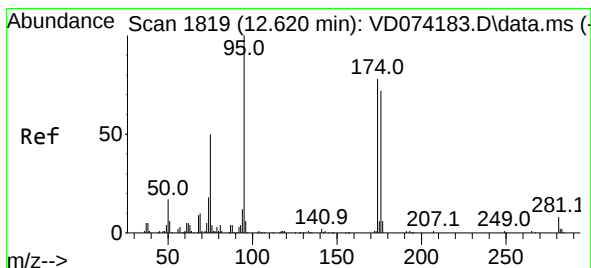
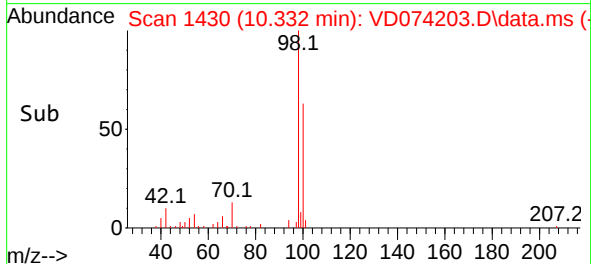
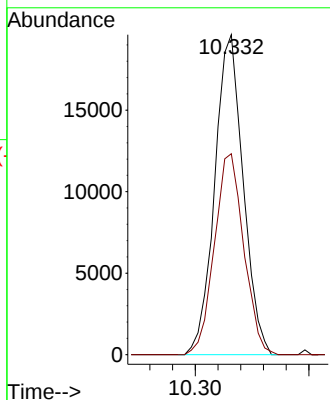
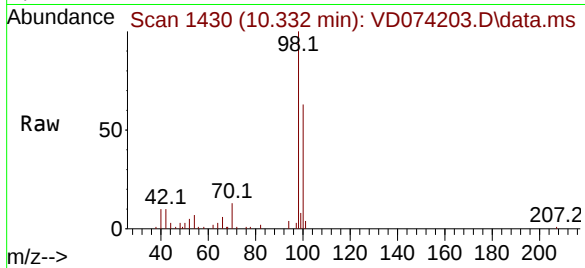




#50
Toluene-d8
Concen: 62.052 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

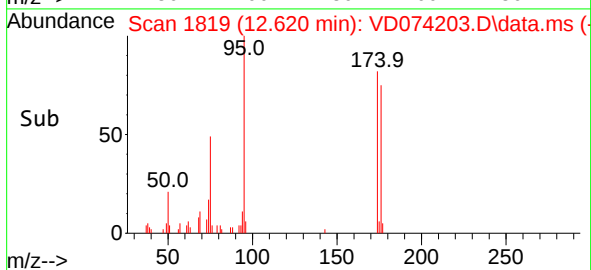
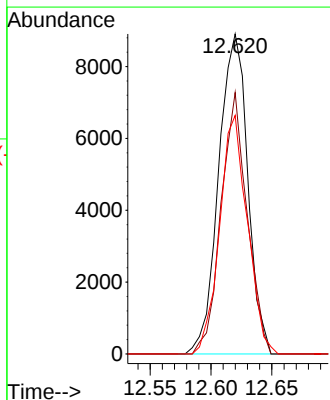
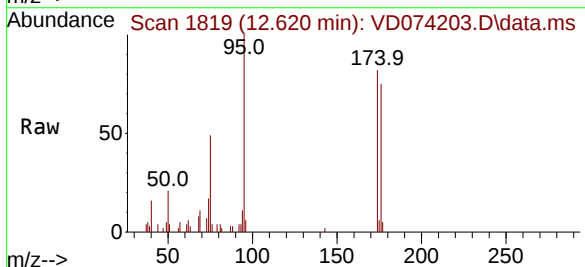
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

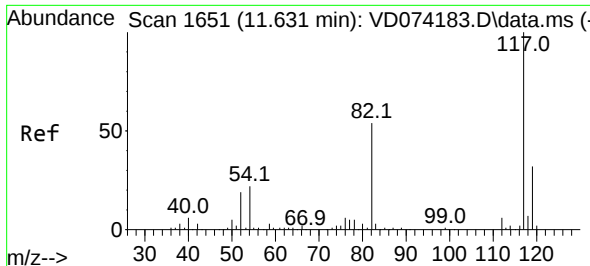
Tgt Ion: 98 Resp: 34145
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 68.008 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 95 Resp: 14784
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 71.2 0.0 145.4

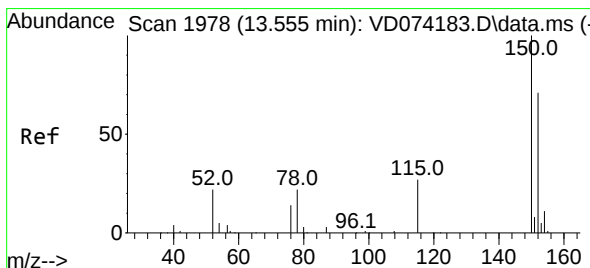
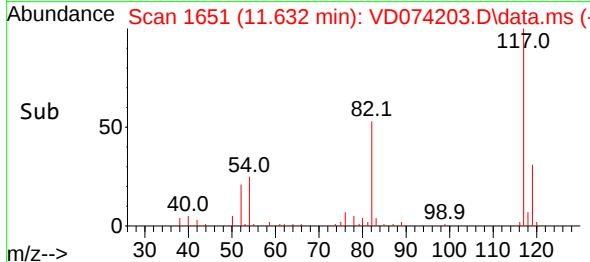
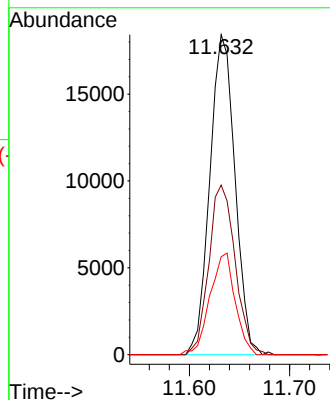
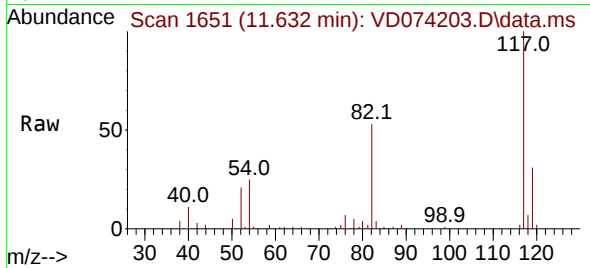




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

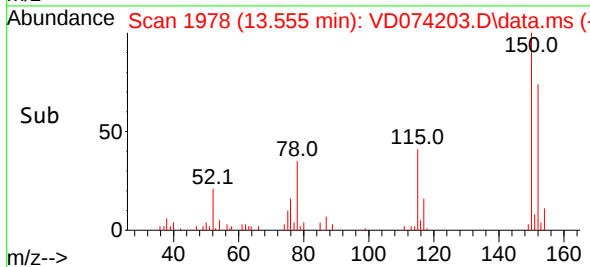
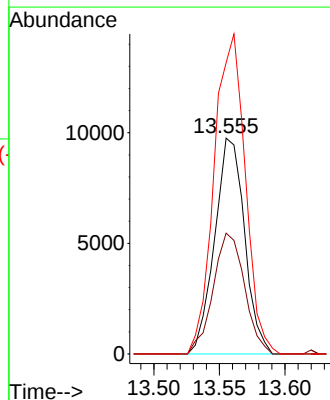
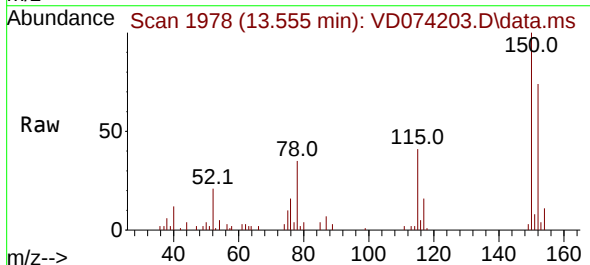
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

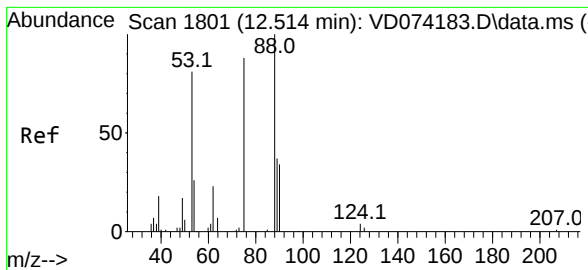
Tgt Ion:117 Resp: 32136
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 30.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

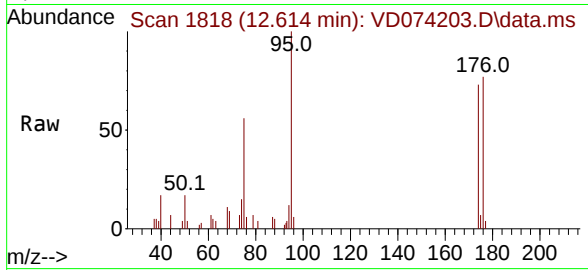
Tgt Ion:152 Resp: 15460
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 154.3 0.0 348.6





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.169 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074203.D
 Acq: 24 Aug 2022 01:31

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

