

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061422\  
 Data File : VD073575.D  
 Acq On : 14 Jun 2022 18:04  
 Operator : VA/SY  
 Sample : N3293-04  
 Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 30876

Quant Time: Jun 15 01:37:49 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

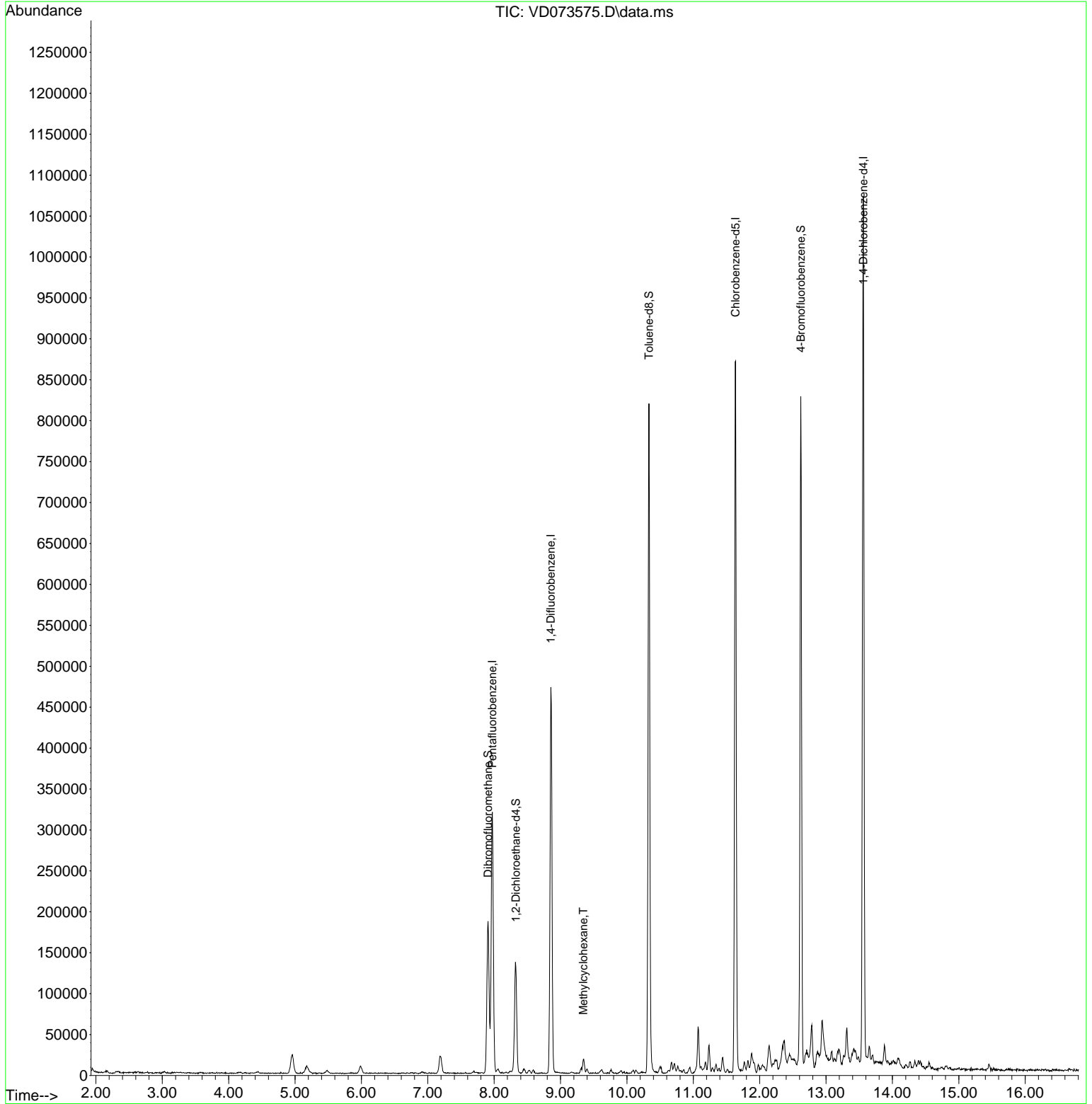
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	7.973	168	234502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	415124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	523599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	288536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	112878	44.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.700%
35) Dibromofluoromethane	7.908	113	134616	50.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.332	98	531164	52.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.620	95	278572	76.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	152.060%#
Target Compounds						
39) Methylcyclohexane	9.344	83	6150	1.316	ug/l	98
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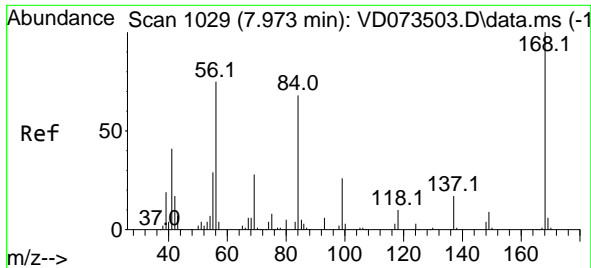
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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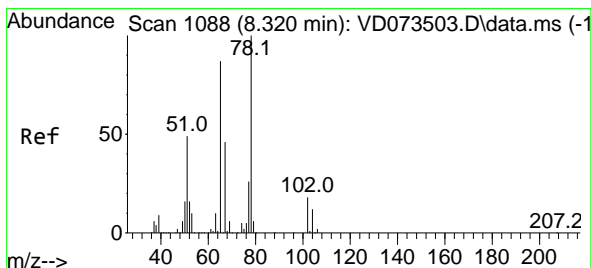
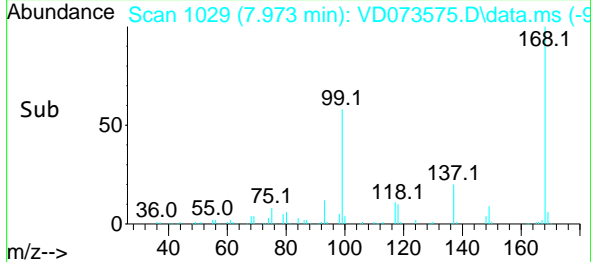
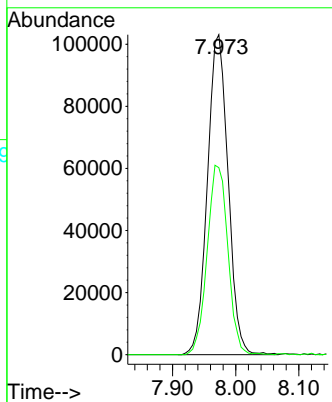
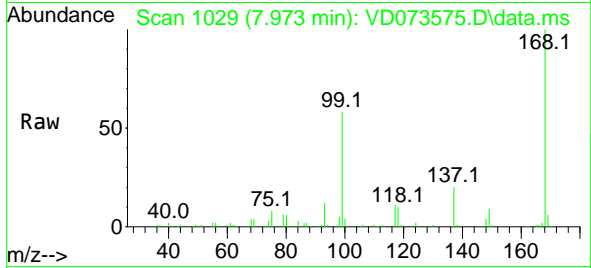




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.973 min Scan# 1029  
 Delta R.T. 0.000 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

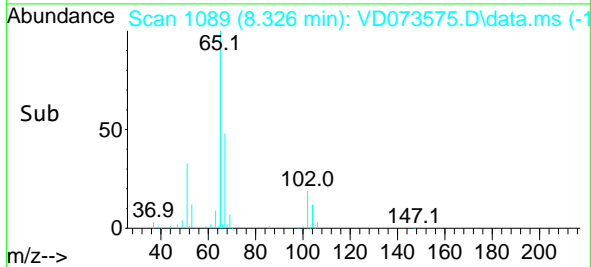
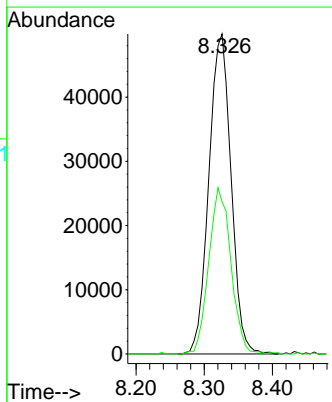
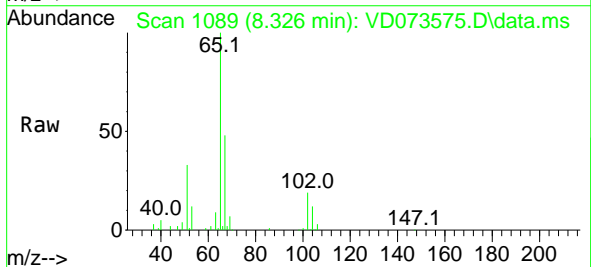
Instrument : MSVOA\_D  
 ClientSampleId : 30876

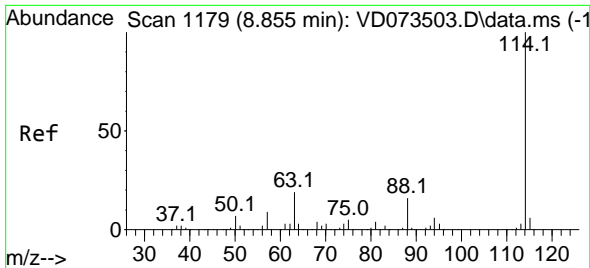
Tgt Ion:168 Resp: 234502  
 Ion Ratio Lower Upper  
 168 100  
 99 58.4 49.8 74.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 44.855 ug/l  
 RT: 8.326 min Scan# 1089  
 Delta R.T. 0.006 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

Tgt Ion: 65 Resp: 112878  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 101.4

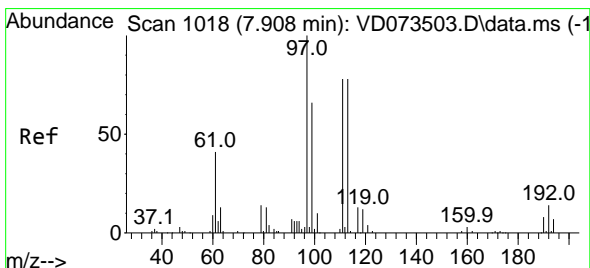
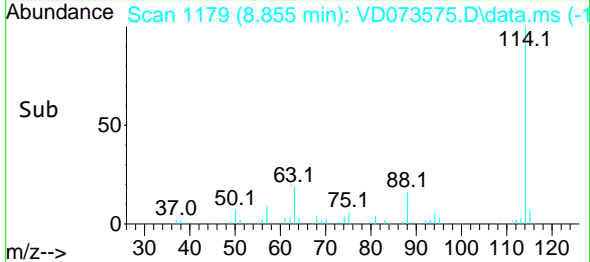
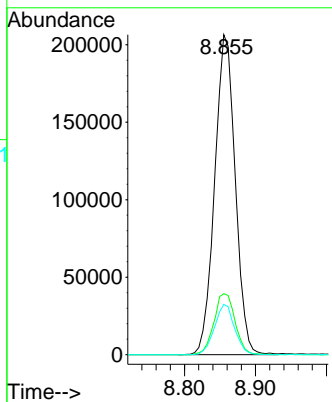
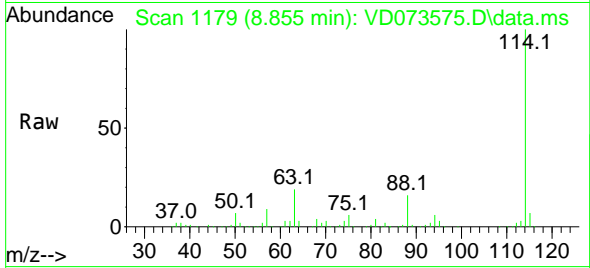




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.855 min Scan# 1179  
 Delta R.T. 0.000 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

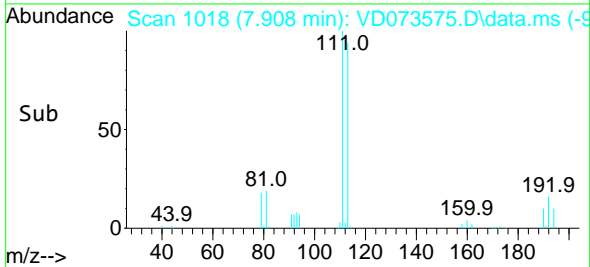
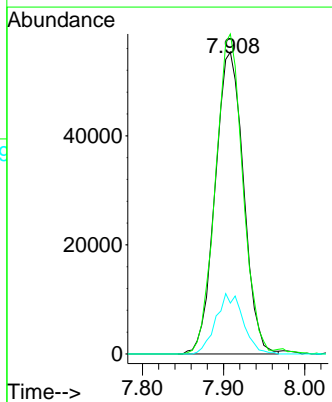
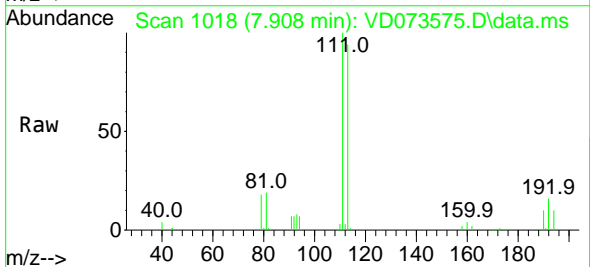
Instrument : MSVOA\_D  
 ClientSampleId : 30876

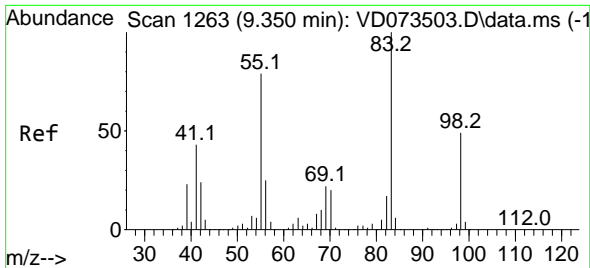
Tgt Ion	Resp	Lower	Upper
114	100		
63	19.1	0.0	46.6
88	15.7	0.0	33.2



#35  
 Dibromofluoromethane  
 Concen: 50.429 ug/l  
 RT: 7.908 min Scan# 1018  
 Delta R.T. 0.000 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

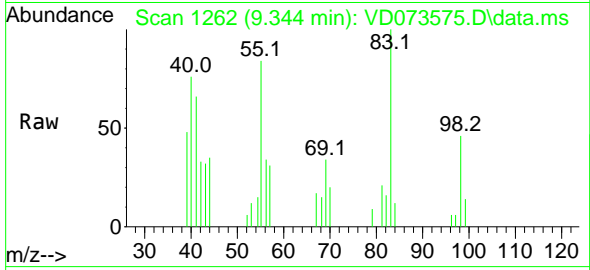
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.1	83.8	125.6
192	19.2	14.6	21.8



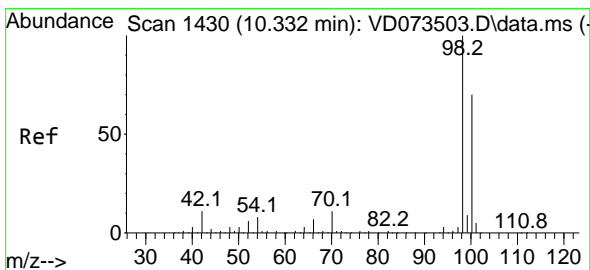
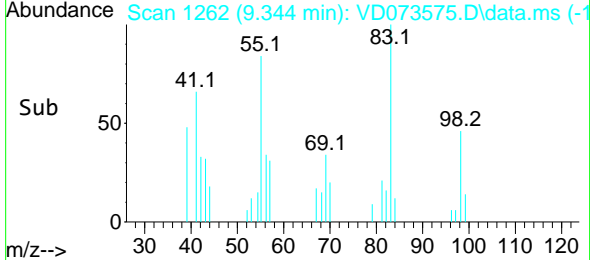
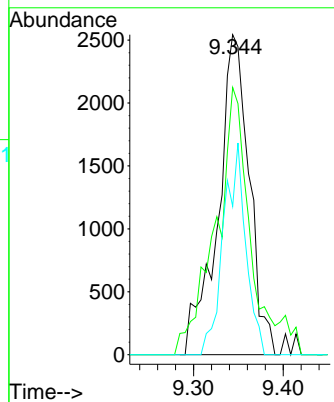


#39  
 Methylcyclohexane  
 Concen: 1.316 ug/l  
 RT: 9.344 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 30876

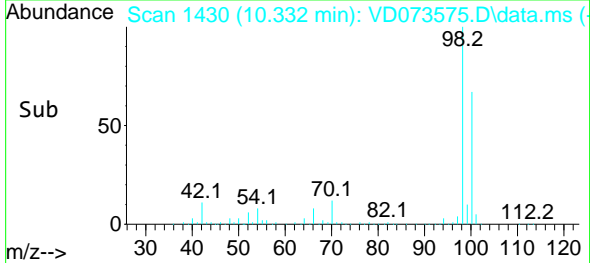
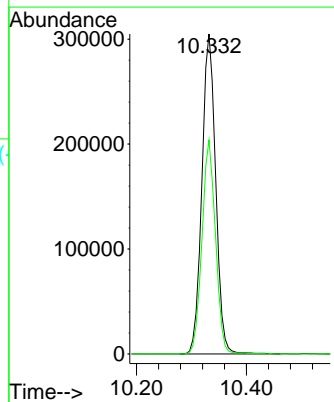
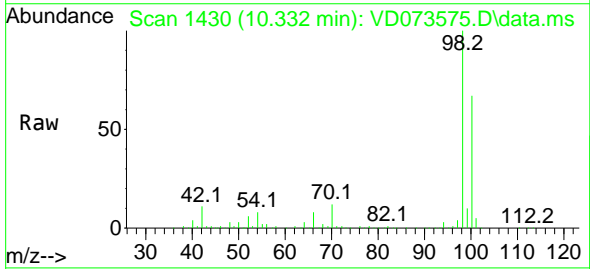


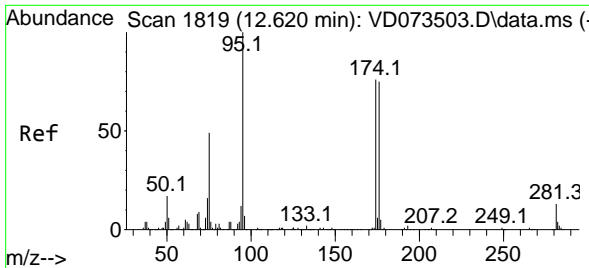
Tgt Ion: 83 Resp: 6150  
 Ion Ratio Lower Upper  
 83 100  
 55 76.8 63.2 94.8  
 98 46.4 38.2 57.4



#50  
 Toluene-d8  
 Concen: 52.628 ug/l  
 RT: 10.332 min Scan# 1430  
 Delta R.T. -0.000 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

Tgt Ion: 98 Resp: 531164  
 Ion Ratio Lower Upper  
 98 100  
 100 65.6 52.4 78.6



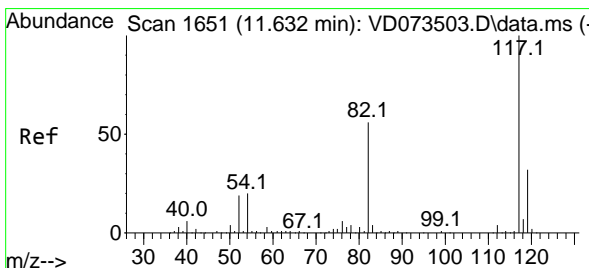
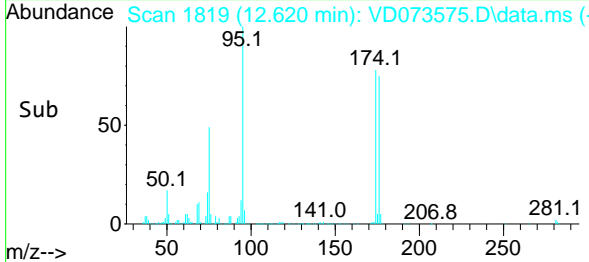
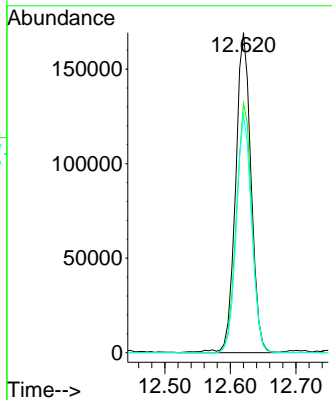
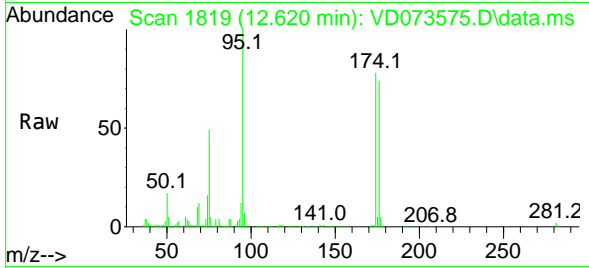


#62  
 4-Bromofluorobenzene  
 Concen: 76.031 ug/l  
 RT: 12.620 min Scan# 1819  
 Delta R.T. -0.000 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

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Tgt Ion: 95 Resp: 278572

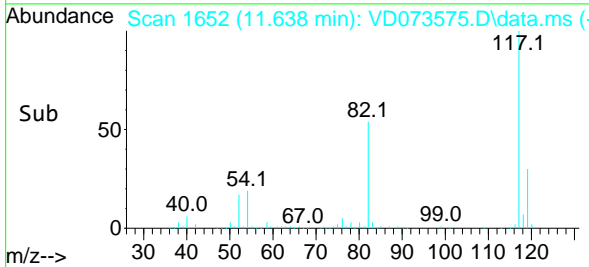
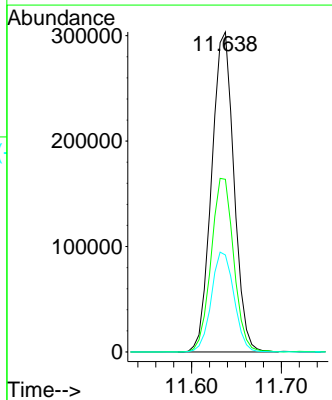
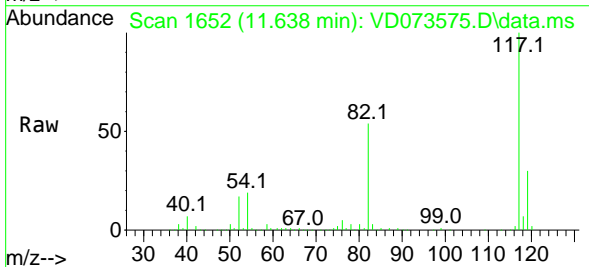
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	152.8
176	72.9	0.0	145.4

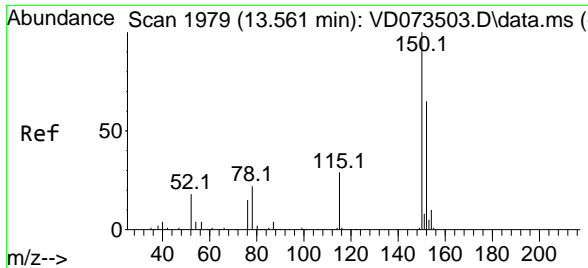


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.638 min Scan# 1652  
 Delta R.T. 0.006 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

Tgt Ion: 117 Resp: 523599

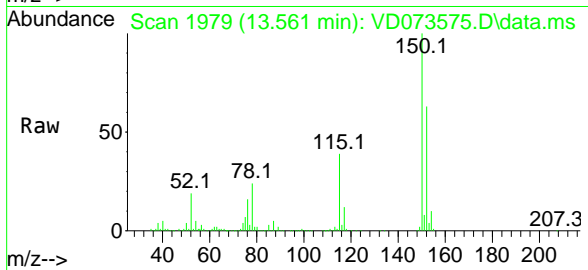
Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.3	67.9
119	30.3	26.6	40.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. 0.000 min  
 Lab File: VD073575.D  
 Acq: 14 Jun 2022 18:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 30876



Tgt Ion:152 Resp: 288536  
 Ion Ratio Lower Upper  
 152 100  
 115 60.1 31.3 93.8  
 150 156.1 0.0 348.6

