

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061324\
 Data File : VD079179.D
 Acq On : 13 Jun 2024 14:51
 Operator : RP/MD
 Sample : VD0613SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 14 04:48:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 04:47:47 2024
 Response via : Initial Calibration

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

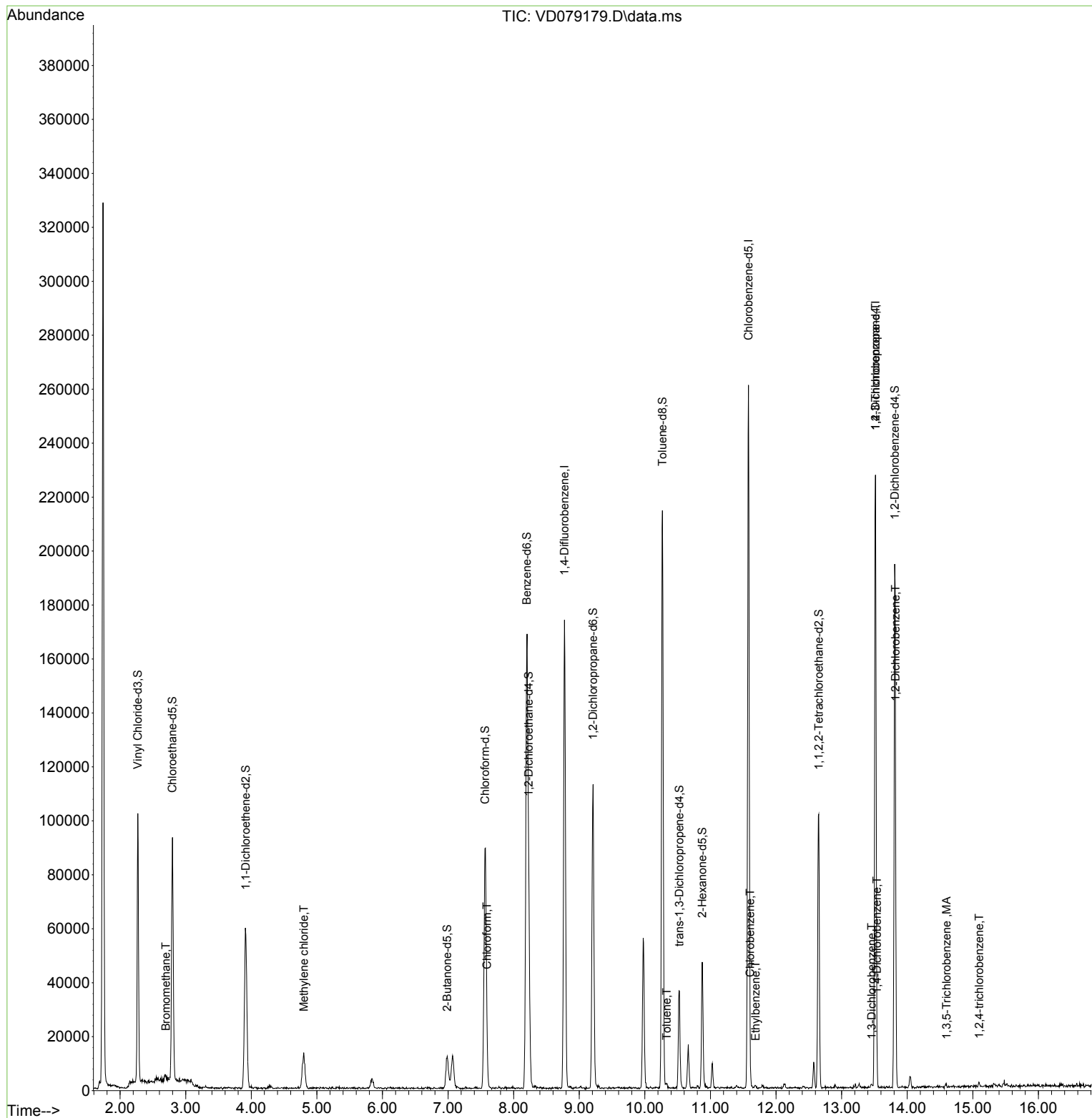
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	164684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	162980	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	66304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	89504	17.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.640%		
7) Chloroethane-d5	2.799	69	92790	18.936	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.760%		
11) 1,1-Dichloroethene-d2	3.916	65	16407	18.237	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.960%		
21) 2-Butanone-d5	6.987	46	21331	55.030	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.060%		
24) Chloroform-d	7.563	84	96677	20.996	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	8.228	65	48280	22.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.920%		
32) Benzene-d6	8.199	84	187429	20.745	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.960%		
36) 1,2-Dichloropropane-d6	9.210	67	58067	22.311	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.240%		
41) Toluene-d8	10.269	98	158937	18.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.160%		
43) trans-1,3-Dichloroprop...	10.528	79	22676	20.729	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.920%		
47) 2-Hexanone-d5	10.875	63	15355	45.638	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.280%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	56116	24.343	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.360%		
66) 1,2-Dichlorobenzene-d4	13.810	152	54316	23.737	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.960%		
Target Compounds						Qvalue
6) Bromomethane	2.699	94	1404	0.317	ug/L #	60
16) Methylene chloride	4.805	84	10951	3.732	ug/L	91
25) Chloroform	7.593	83	1411	0.313	ug/L #	72
42) Toluene	10.334	91	1375	0.128	ug/L	93
51) Chlorobenzene	11.604	112	1194	0.166	ug/L #	74
52) Ethylbenzene	11.687	91	1332	0.118	ug/L #	77
61) 1,2,3-Trichloropropane	13.516	75	7498	6.405	ug/L #	63
64) 1,3-Dichlorobenzene	13.457	146	835	0.198	ug/L #	90
65) 1,4-Dichlorobenzene	13.540	146	1491	0.334	ug/L	79
67) 1,2-Dichlorobenzene	13.822	146	928	0.238	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.598	180	658	0.248	ug/L #	74
70) 1,2,4-trichlorobenzene	15.098	180	660	0.299	ug/L #	64

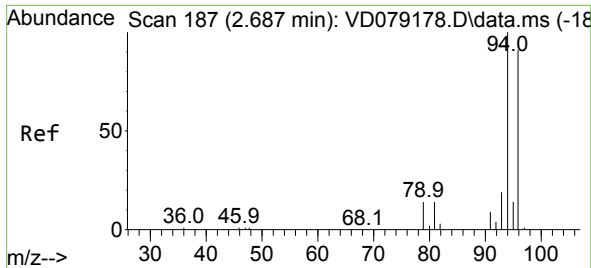
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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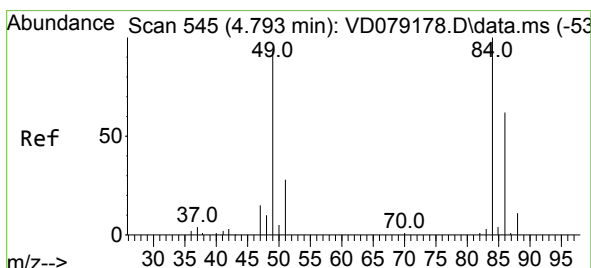
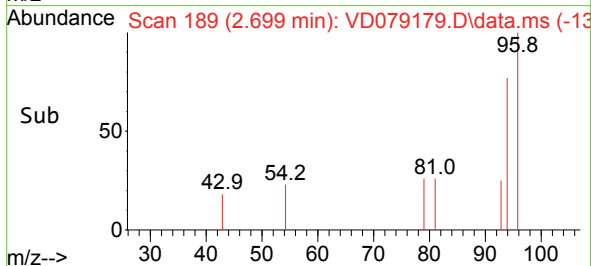
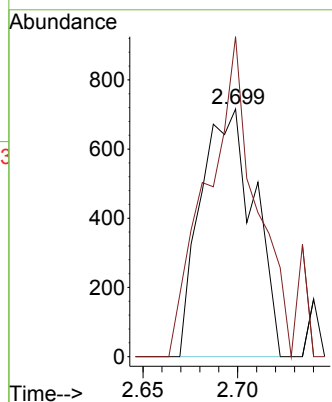
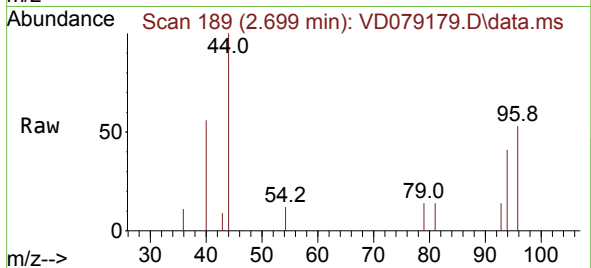




#6
Bromomethane
Concen: 0.317 ug/L
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD079179.D
Acq: 13 Jun 2024 14:51

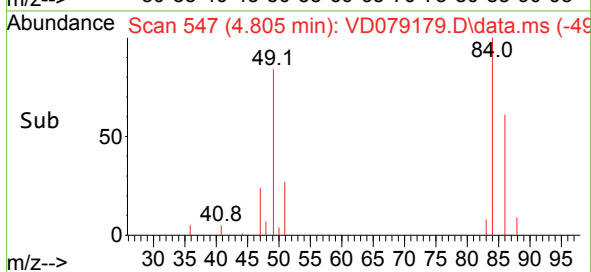
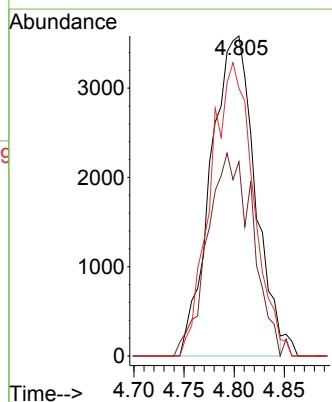
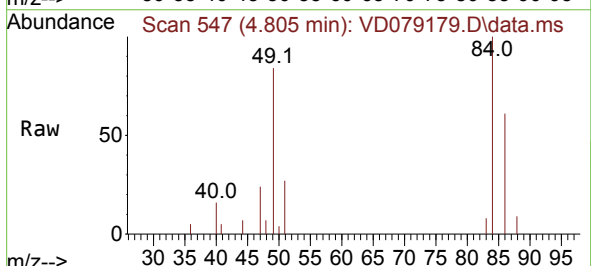
Instrument :
MSVOA_D
ClientSampleId :

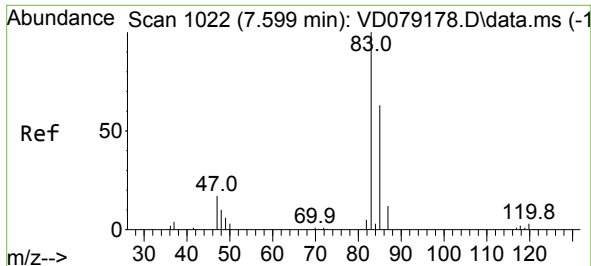
Tgt Ion: 94 Resp: 1404
Ion Ratio Lower Upper
94 100
96 129.2 63.6 118.2#



#16
Methylene chloride
Concen: 3.732 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD079179.D
Acq: 13 Jun 2024 14:51

Tgt Ion: 84 Resp: 10951
Ion Ratio Lower Upper
84 100
86 60.7 40.9 76.0
49 83.7 67.5 125.3





#25

Chloroform

Concen: 0.313 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD079179.D

Acq: 13 Jun 2024 14:51

Instrument :

MSVOA_D

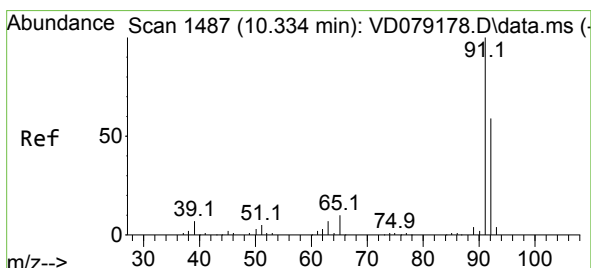
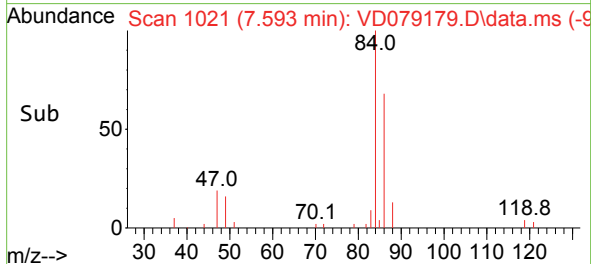
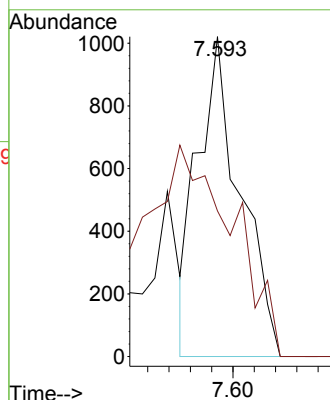
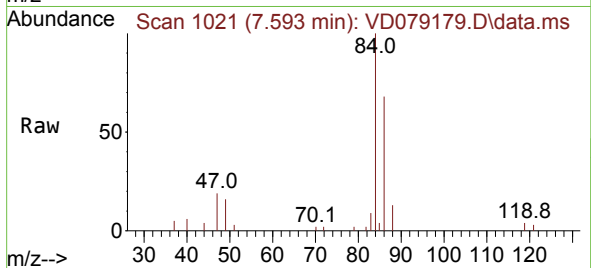
ClientSampleId :

Tgt Ion: 83 Resp: 1411

Ion Ratio Lower Upper

83 100

85 45.5 47.9 89.1#



#42

Toluene

Concen: 0.128 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079179.D

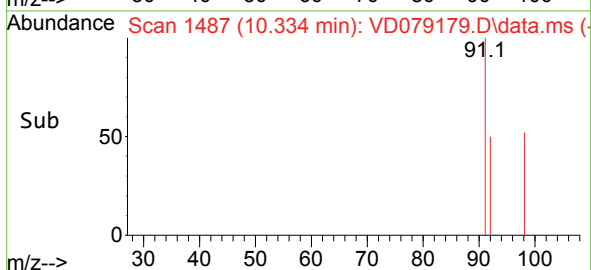
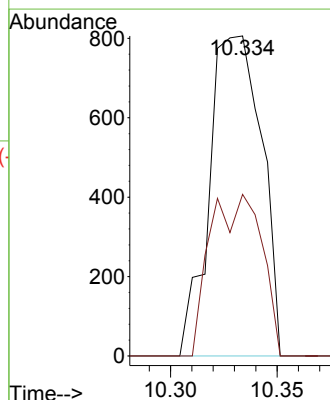
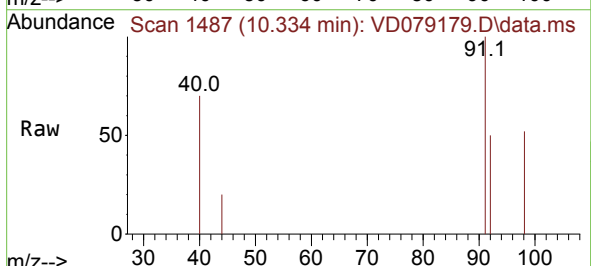
Acq: 13 Jun 2024 14:51

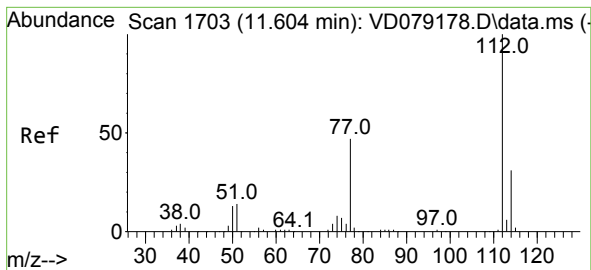
Tgt Ion: 91 Resp: 1375

Ion Ratio Lower Upper

91 100

92 50.5 38.9 72.3

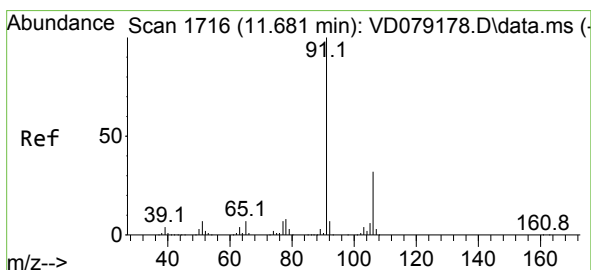
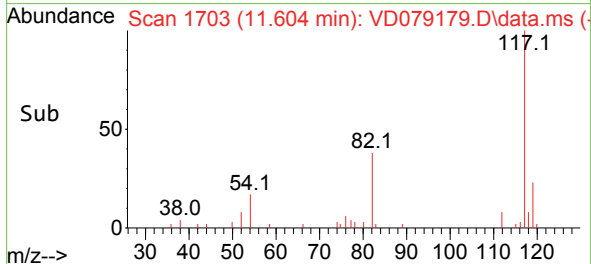
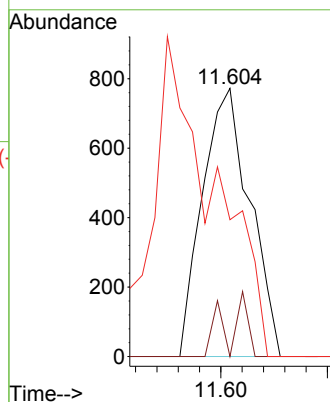
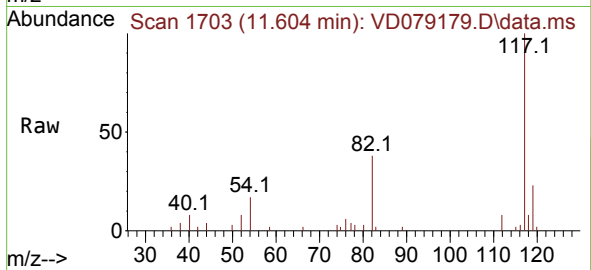




#51
Chlorobenzene
Concen: 0.166 ug/L
RT: 11.604 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VD079179.D
Acq: 13 Jun 2024 14:51

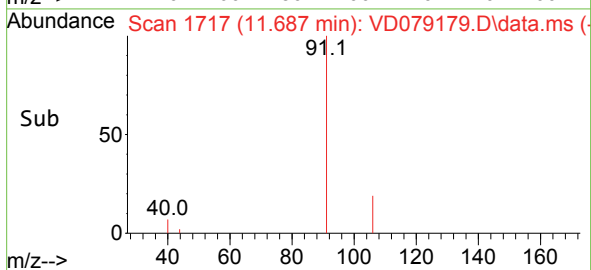
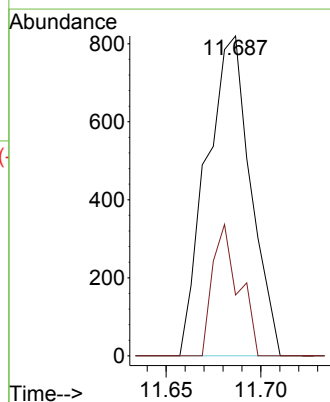
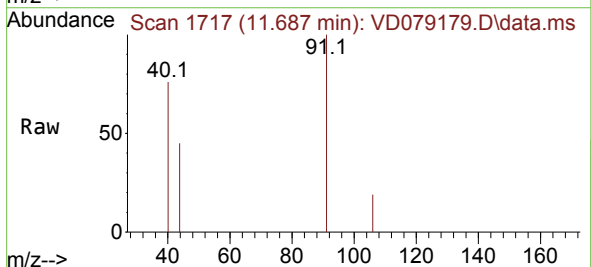
Instrument :
MSVOA_D
ClientSampleId :

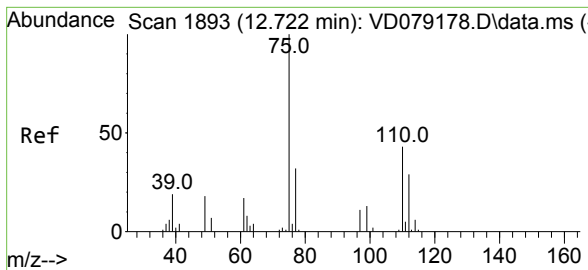
Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	22.7	42.3#
77	51.0	38.4	57.6



#52
Ethylbenzene
Concen: 0.118 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD079179.D
Acq: 13 Jun 2024 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
106	19.0	22.3	41.5#





#61

1,2,3-Trichloropropane

Concen: 6.405 ug/L

RT: 13.516 min Scan# 2018

Delta R.T. 0.794 min

Lab File: VD079179.D

Acq: 13 Jun 2024 14:51

Instrument :

MSVOA_D

ClientSampleId :

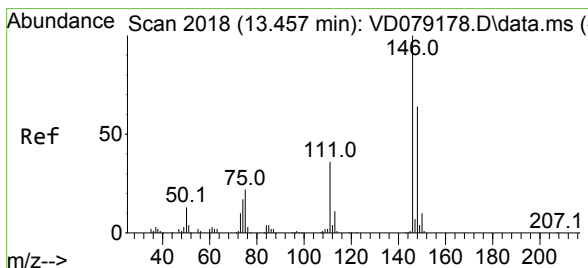
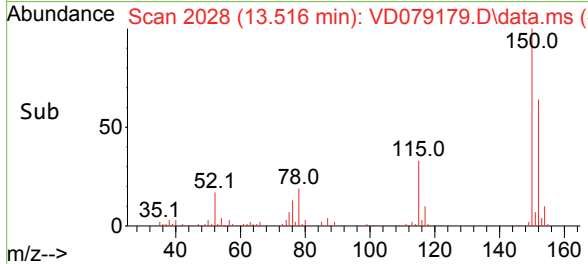
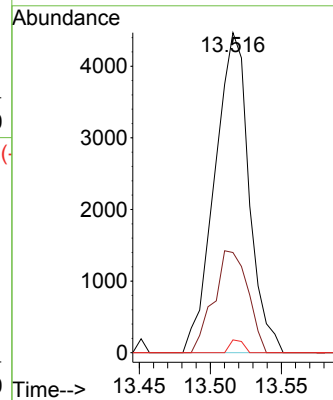
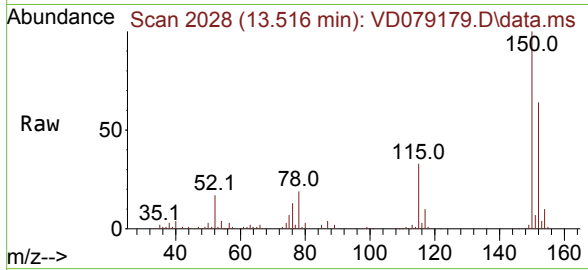
Tgt Ion: 75 Resp: 7498

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9

110 1.6 34.2 51.4#



#64

1,3-Dichlorobenzene

Concen: 0.198 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079179.D

Acq: 13 Jun 2024 14:51

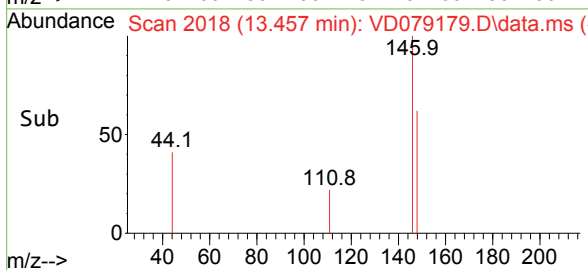
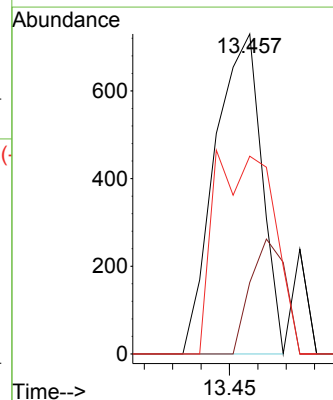
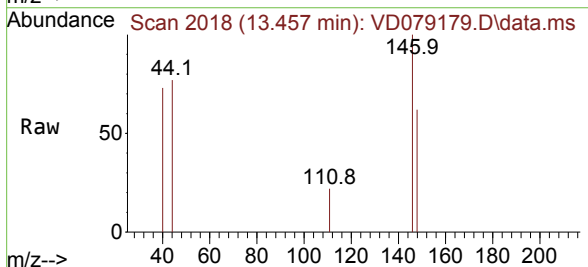
Tgt Ion: 146 Resp: 835

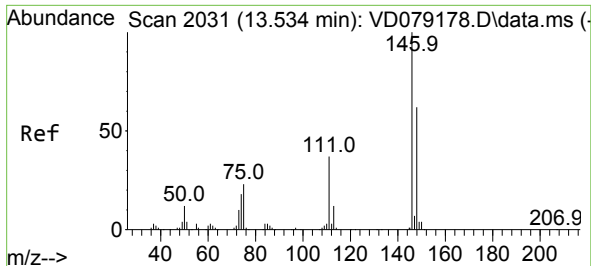
Ion Ratio Lower Upper

146 100

111 22.3 24.4 45.4#

148 61.8 44.9 83.3

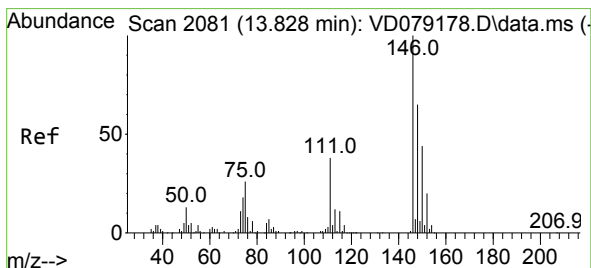
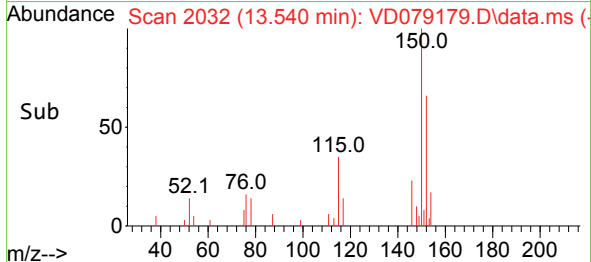
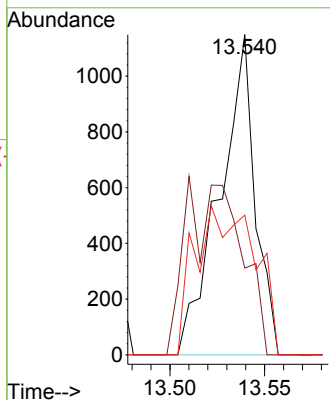
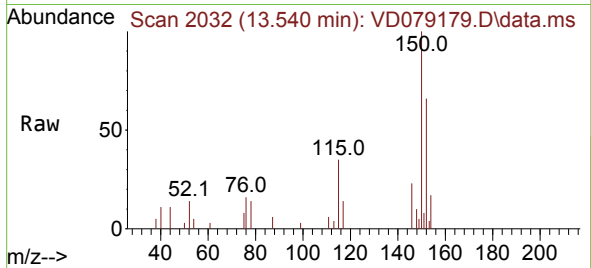




#65
1,4-Dichlorobenzene
Concen: 0.334 ug/L
RT: 13.540 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VD079179.D
Acq: 13 Jun 2024 14:51

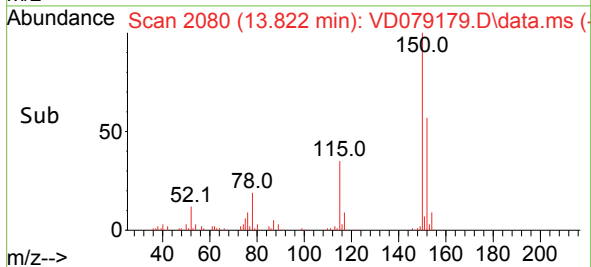
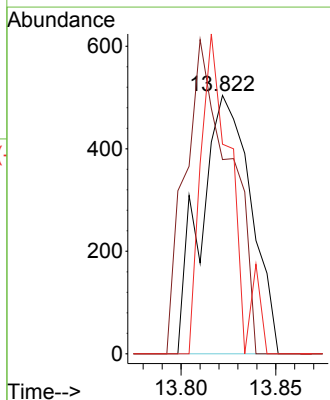
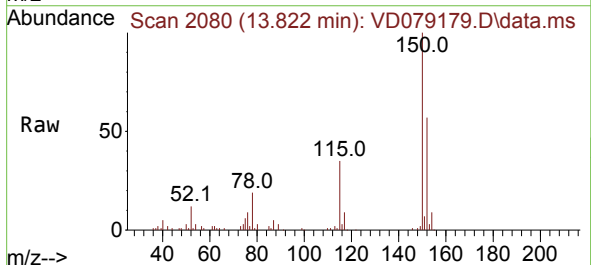
Instrument :
MSVOA_D
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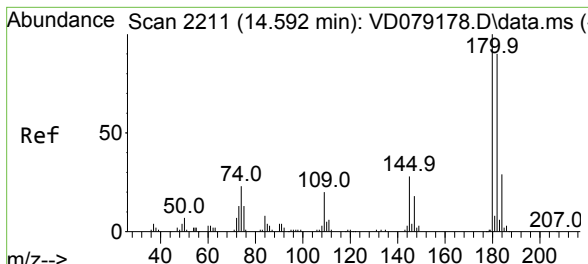
Tgt Ion:	146	Resp:	1491
Ion Ratio	Lower	Upper	
146	100		
111	27.1	26.3	48.9
148	43.6	43.1	80.1



#67
1,2-Dichlorobenzene
Concen: 0.238 ug/L
RT: 13.822 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VD079179.D
Acq: 13 Jun 2024 14:51

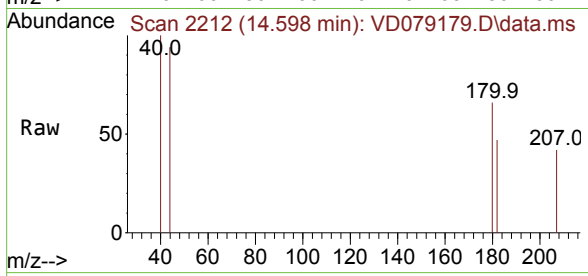
Tgt Ion:	146	Resp:	928
Ion Ratio	Lower	Upper	
146	100		
111	75.2	29.1	43.7#
148	81.2	51.2	76.8#





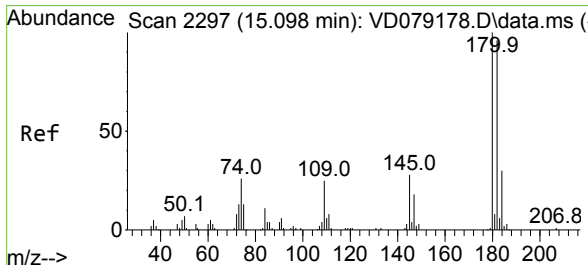
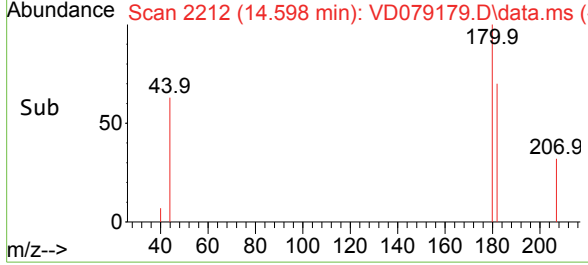
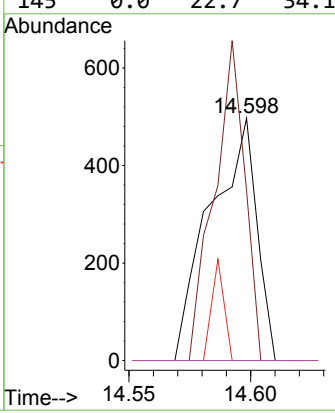
#69
 1,3,5-Trichlorobenzene
 Concen: 0.248 ug/L
 RT: 14.598 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VD079179.D
 Acq: 13 Jun 2024 14:51

Instrument : MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 658

Ion	Ratio	Lower	Upper
180	100		
182	86.9	76.9	115.3
184	0.0	23.3	34.9#
145	0.0	22.7	34.1#



#70
 1,2,4-trichlorobenzene
 Concen: 0.299 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079179.D
 Acq: 13 Jun 2024 14:51

Tgt Ion:180 Resp: 660

Ion	Ratio	Lower	Upper
180	100		
182	122.1	73.8	110.6#
145	0.0	22.3	33.5#

