

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061324\
 Data File : VD079180.D
 Acq On : 13 Jun 2024 15:53
 Operator : RP/MD
 Sample : P2775-18
 Misc : 5.57G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 14 04:48:46 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)

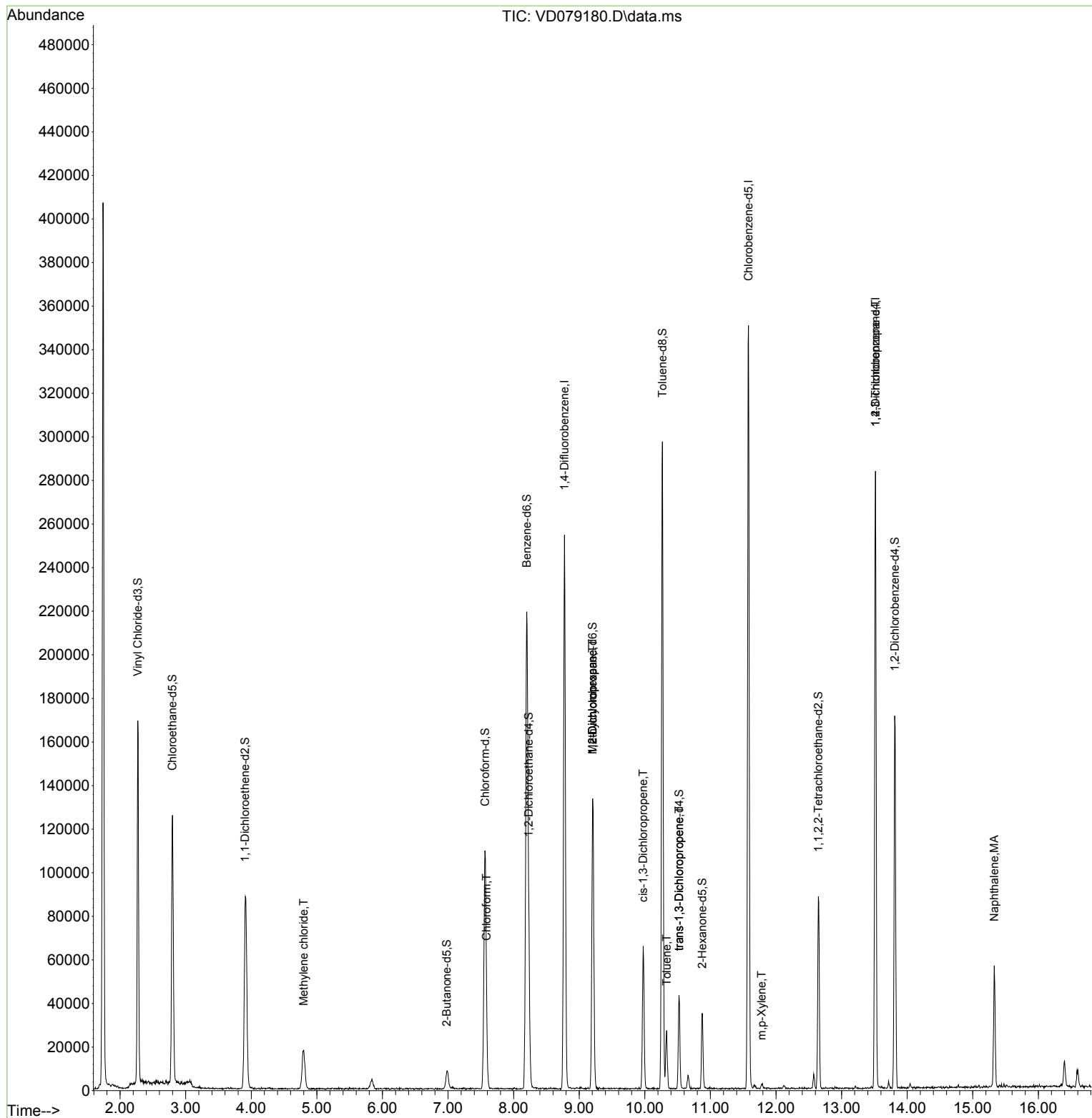
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	234700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	221208	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	159153	22.036	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.160%		
7) Chloroethane-d5	2.799	69	131160	18.781	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.120%		
11) 1,1-Dichloroethene-d2	3.905	65	25954	20.243	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.960%		
21) 2-Butanone-d5	6.981	46	14819	26.826	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.660%		
24) Chloroform-d	7.563	84	117943	17.973	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.880%		
26) 1,2-Dichloroethane-d4	8.228	65	52883	17.469	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	69.880%#		
32) Benzene-d6	8.199	84	246534	20.104	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	9.204	67	68184	19.302	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	77.200%		
41) Toluene-d8	10.269	98	215300	18.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.000%		
43) trans-1,3-Dichloroprop...	10.522	79	25426	17.125	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.480%		
47) 2-Hexanone-d5	10.875	63	12720	27.854	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.700%		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	46847	14.973	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	59.880%		
66) 1,2-Dichlorobenzene-d4	13.810	152	51259	18.153	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.600%#		
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	15624	3.736	ug/L	89
25) Chloroform	7.587	83	4843	0.754	ug/L	97
35) Methylcyclohexane	9.204	83	16413	2.919	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	6902	2.139	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1760	0.349	ug/L #	80
42) Toluene	10.334	91	19932	1.362	ug/L	95
44) trans-1,3-Dichloropropene	10.522	75	1378	0.323	ug/L #	74
53) m,p-Xylene	11.781	106	915	0.153	ug/L	62
61) 1,2,3-Trichloropropane	13.516	75	9729	6.735	ug/L #	63
71) Naphthalene	15.328	128	50450	9.909	ug/L	99

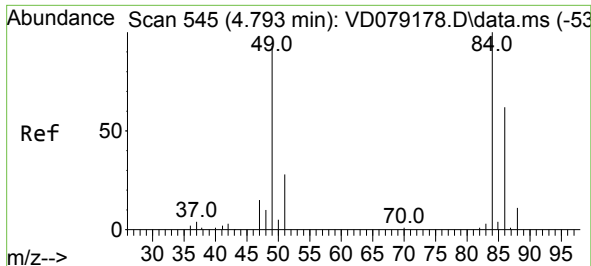
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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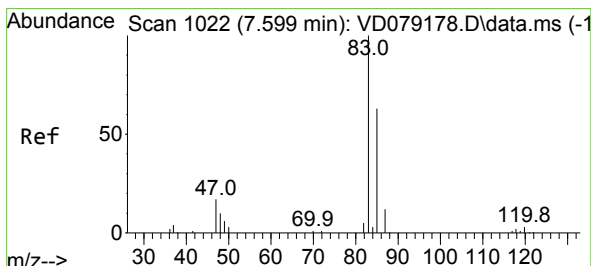
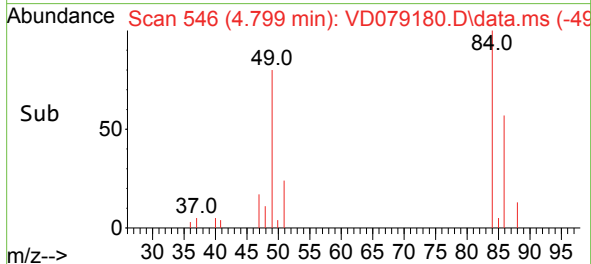
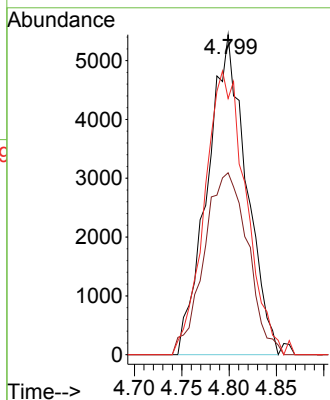
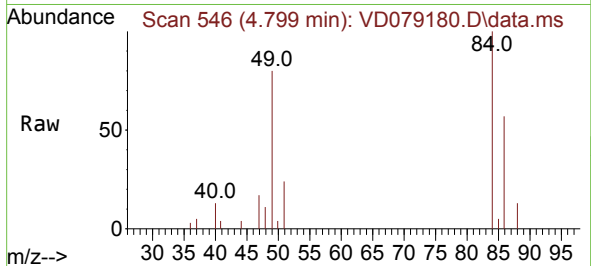




#16
Methylene chloride
Concen: 3.736 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079180.D
Acq: 13 Jun 2024 15:53

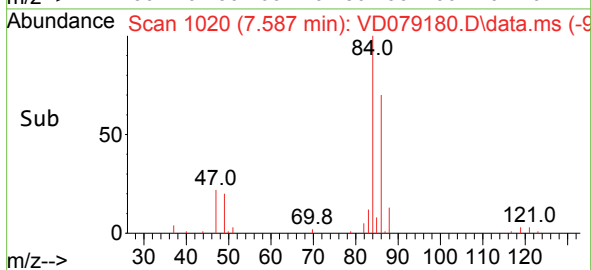
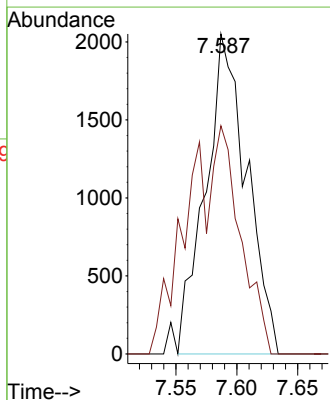
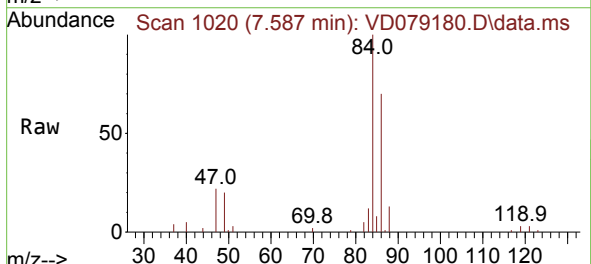
Instrument :
MSVOA_D
ClientSampleId :

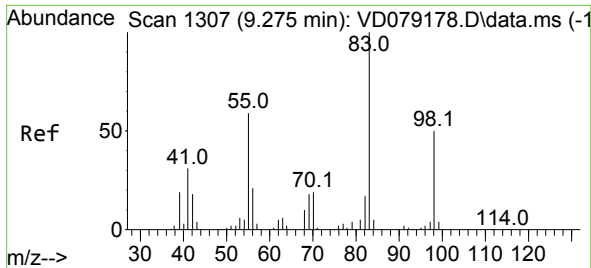
Tgt Ion: 84 Resp: 15624
Ion Ratio Lower Upper
84 100
86 56.9 40.9 76.0
49 80.1 67.5 125.3



#25
Chloroform
Concen: 0.754 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD079180.D
Acq: 13 Jun 2024 15:53

Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
85 71.3 47.9 89.1

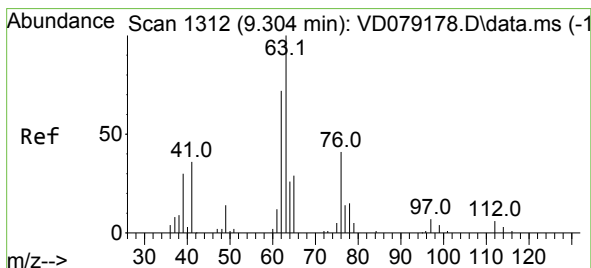
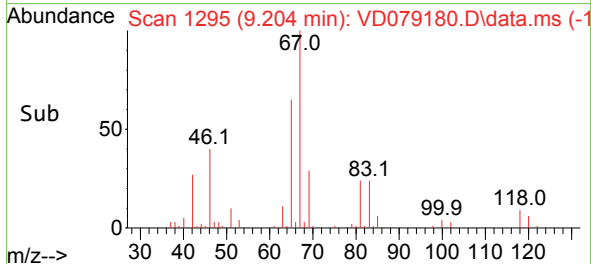
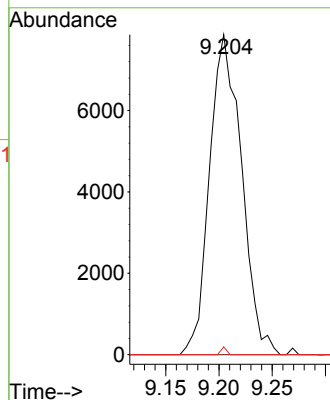
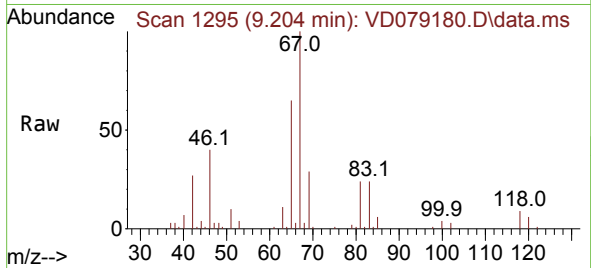




#35
Methylcyclohexane
Concen: 2.919 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD079180.D
Acq: 13 Jun 2024 15:53

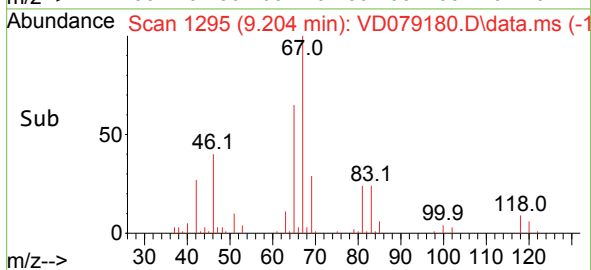
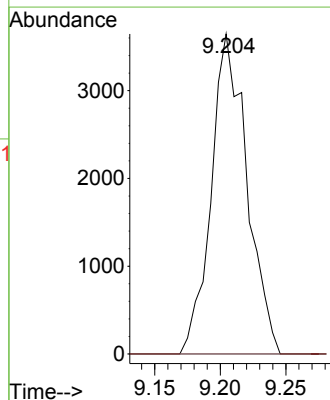
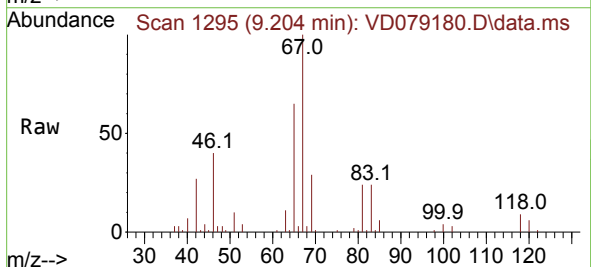
Instrument :
MSVOA_D
ClientSampleId :

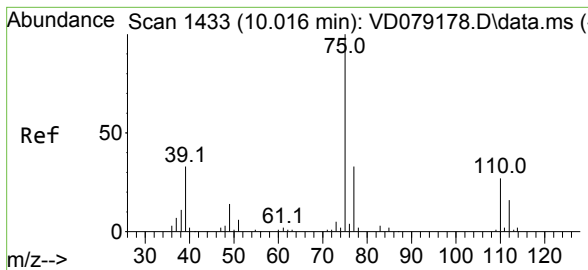
Tgt Ion: 83 Resp: 16413
Ion Ratio Lower Upper
83 100
55 0.0 48.6 72.8#
98 0.0 40.2 60.2#



#37
1,2-Dichloropropane
Concen: 2.139 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD079180.D
Acq: 13 Jun 2024 15:53

Tgt Ion: 63 Resp: 6902
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

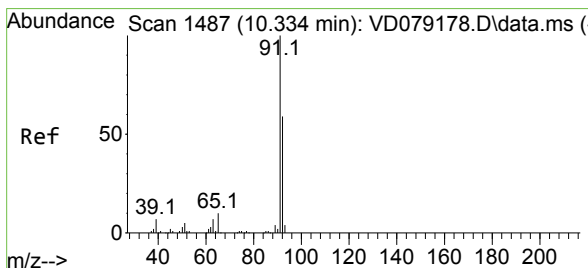
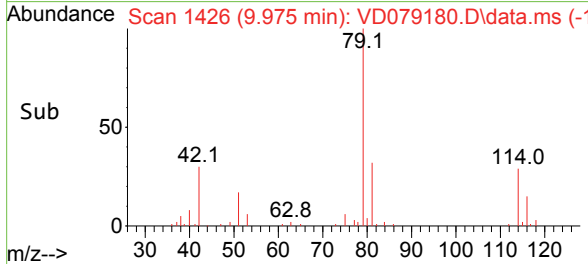
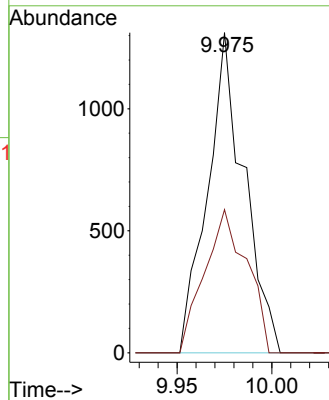
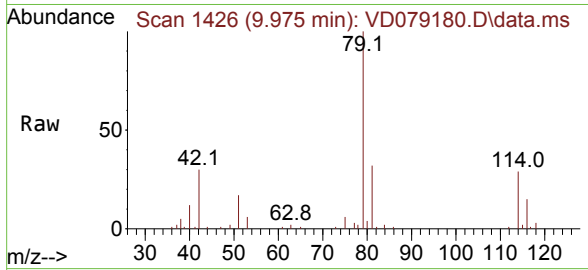




#39
 cis-1,3-Dichloropropene
 Concen: 0.349 ug/L
 RT: 9.975 min Scan# 1426
 Delta R.T. -0.041 min
 Lab File: VD079180.D
 Acq: 13 Jun 2024 15:53

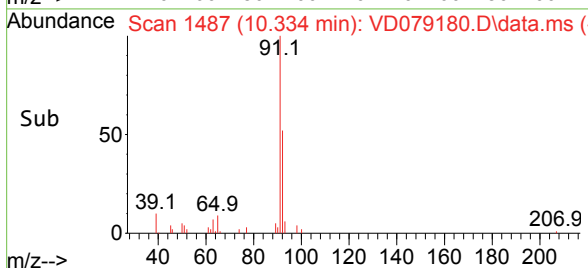
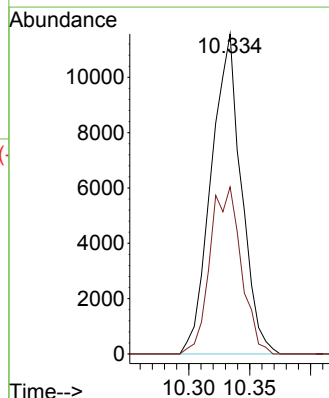
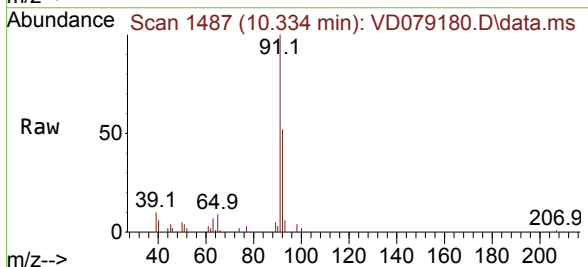
Instrument :
 MSVOA_D
 ClientSampleId :

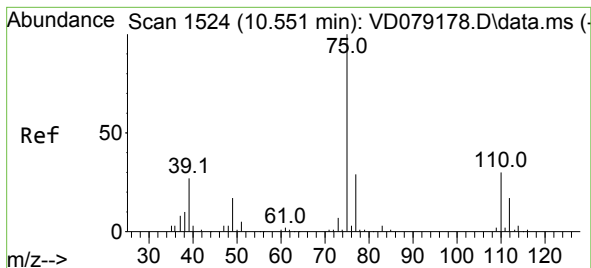
Tgt Ion: 75 Resp: 1760
 Ion Ratio Lower Upper
 75 100
 77 44.7 23.4 43.4#



#42
 Toluene
 Concen: 1.362 ug/L
 RT: 10.334 min Scan# 1487
 Delta R.T. -0.000 min
 Lab File: VD079180.D
 Acq: 13 Jun 2024 15:53

Tgt Ion: 91 Resp: 19932
 Ion Ratio Lower Upper
 91 100
 92 52.2 38.9 72.3





#44

trans-1,3-Dichloropropene

Concen: 0.323 ug/L

RT: 10.522 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD079180.D

Acq: 13 Jun 2024 15:53

Instrument :

MSVOA_D

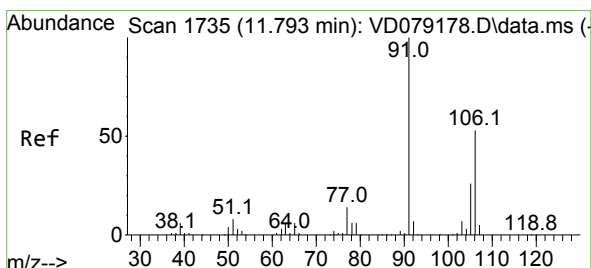
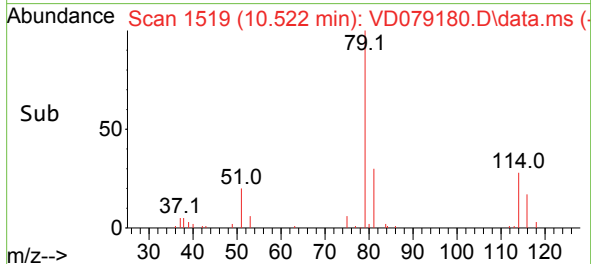
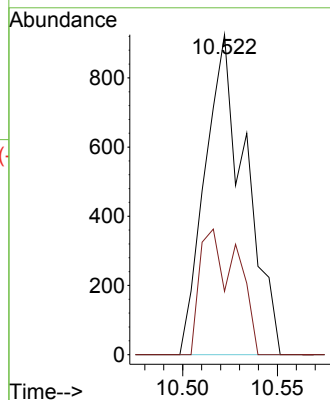
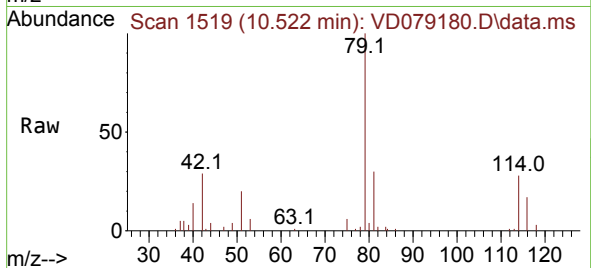
ClientSampleId :

Tgt Ion: 75 Resp: 1378

Ion Ratio Lower Upper

75 100

77 19.8 24.3 45.1#



#53

m,p-Xylene

Concen: 0.153 ug/L

RT: 11.781 min Scan# 1733

Delta R.T. -0.012 min

Lab File: VD079180.D

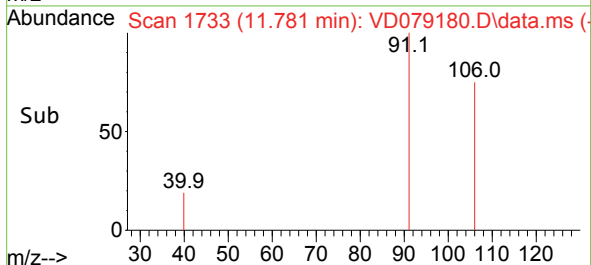
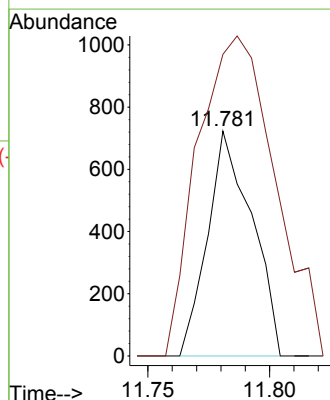
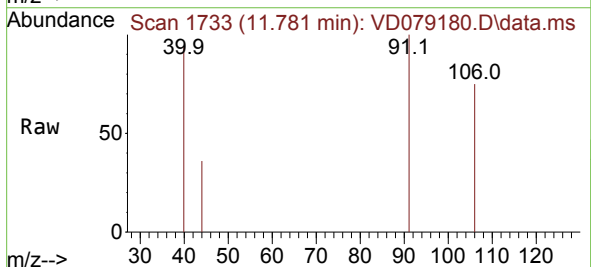
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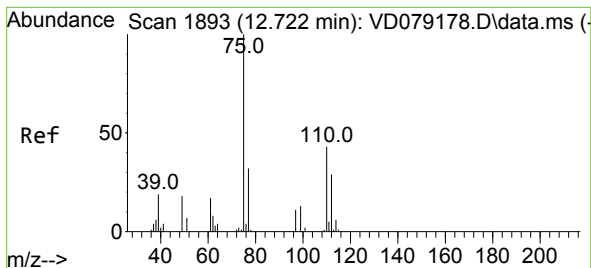
Tgt Ion:106 Resp: 915

Ion Ratio Lower Upper

106 100

91 134.2 133.1 247.1





#61

1,2,3-Trichloropropane

Concen: 6.735 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.794 min

Lab File: VD079180.D

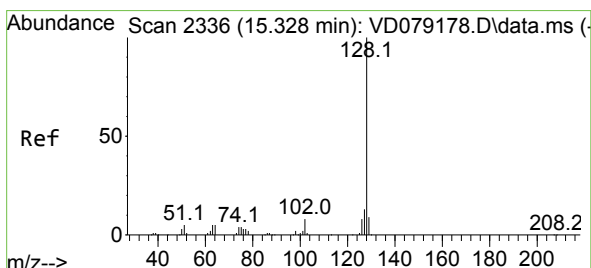
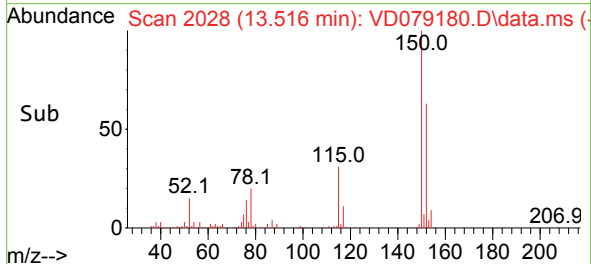
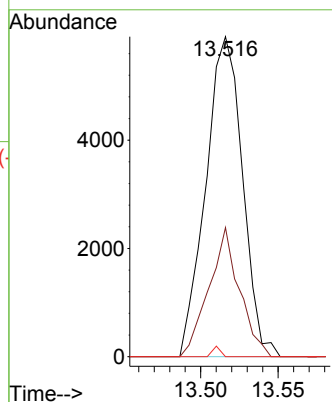
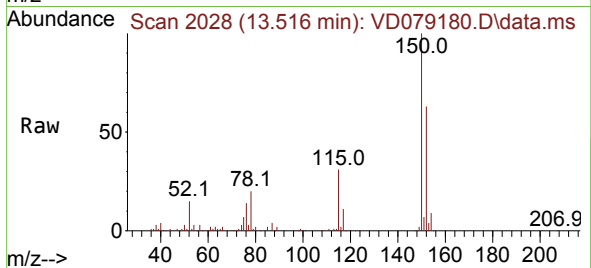
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Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp:	9729
Ion Ratio	Lower	Upper
75	100	
77	33.7	25.9 38.9
110	2.1	34.2 51.4#



#71

Naphthalene

Concen: 9.909 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079180.D

Acq: 13 Jun 2024 15:53

Tgt Ion: 128	Resp:	50450
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.8 16.2
129	9.8	8.5 12.7

