

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075979.D
 Acq On : 03 May 2023 13:19
 Operator : KP/SY
 Sample : 02591-01
 Misc : 4.53G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:07:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

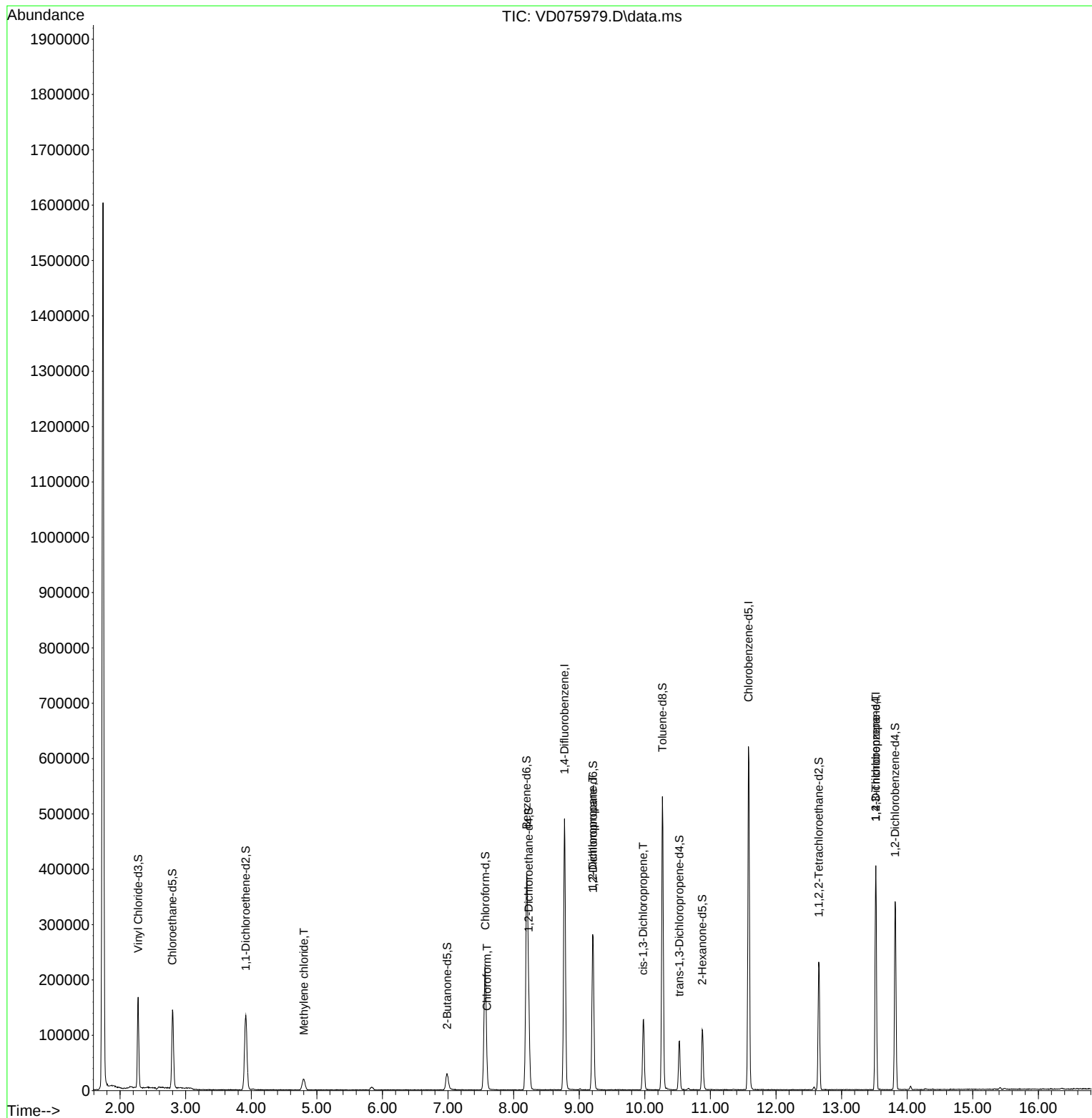
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	468638	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	398895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	121000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	157476	15.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.280%		
7) Chloroethane-d5	2.799	69	155118	17.463	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.840%		
11) 1,1-Dichloroethene-d2	3.917	65	38000	16.032	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.120%		
21) 2-Butanone-d5	6.987	46	49674	55.658	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.320%		
24) Chloroform-d	7.569	84	236151	20.151	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.600%		
26) 1,2-Dichloroethane-d4	8.228	65	109537	21.887	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.560%		
32) Benzene-d6	8.199	84	441411	18.986	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.960%		
36) 1,2-Dichloropropane-d6	9.210	67	151124	23.484	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.920%		
41) Toluene-d8	10.269	98	386305	17.748	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.000%		
43) trans-1,3-Dichloroprop...	10.528	79	53541	20.129	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.520%		
47) 2-Hexanone-d5	10.875	63	39951	51.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.120%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	125320	25.449	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.800%		
66) 1,2-Dichlorobenzene-d4	13.816	152	104415	24.397	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.600%		
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	8698	0.915	ug/L	84
25) Chloroform	7.593	83	7330	0.646	ug/L	91
37) 1,2-Dichloropropane	9.204	63	14363	2.591	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3391	0.385	ug/L	97
61) 1,2,3-Trichloropropane	13.522	75	11948	6.286	ug/L #	64

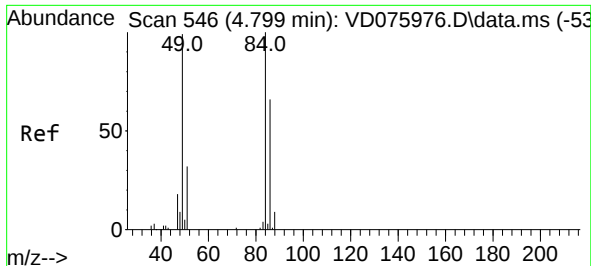
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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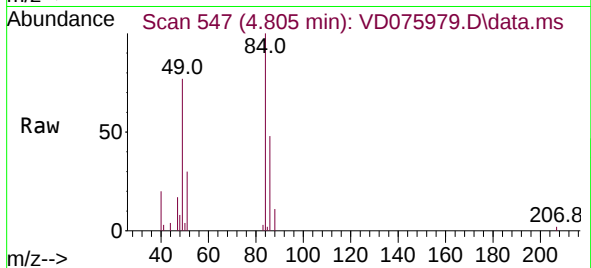
Quant Time: May 04 03:07:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration



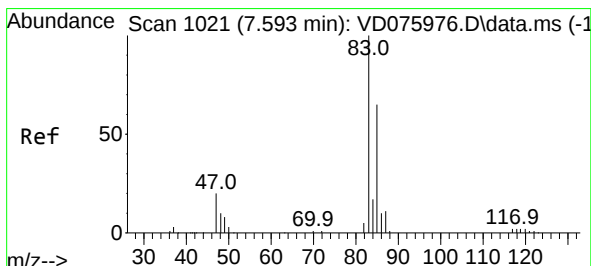
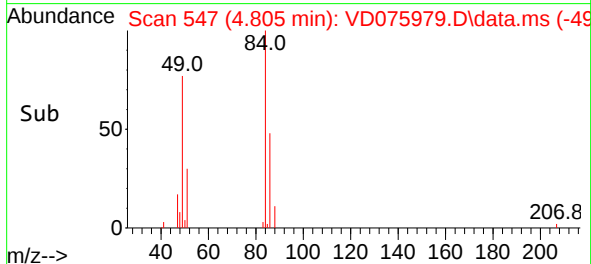
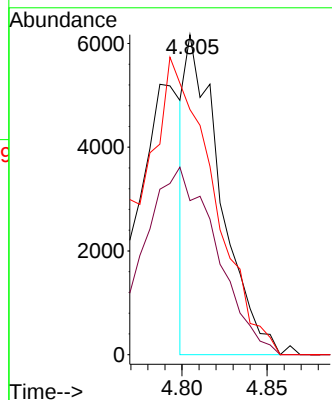


#16
Methylene chloride
Concen: 0.915 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075979.D
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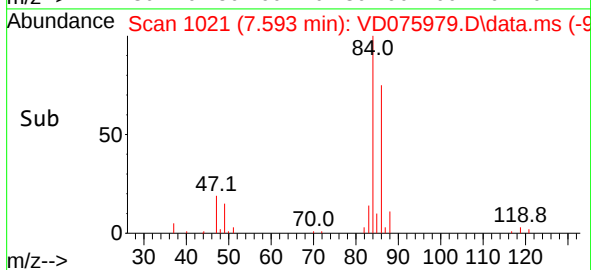
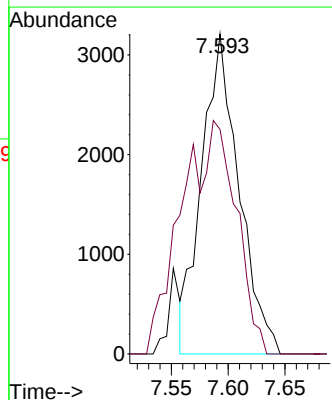
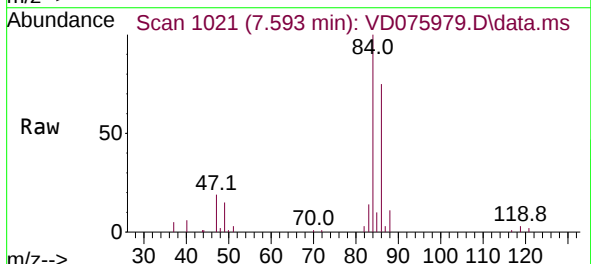


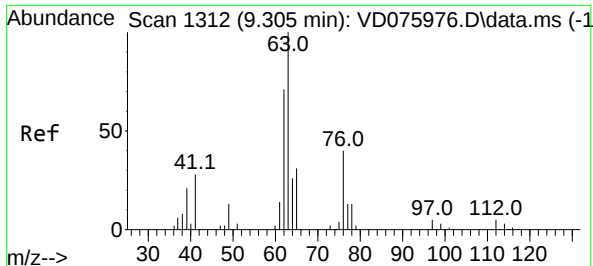
Tgt Ion: 84 Resp: 8698
Ion Ratio Lower Upper
84 100
86 48.2 45.8 85.2
49 76.6 60.8 112.8



#25
Chloroform
Concen: 0.646 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075979.D
Acq: 03 May 2023 13:19

Tgt Ion: 83 Resp: 7330
Ion Ratio Lower Upper
83 100
85 70.1 44.4 82.5

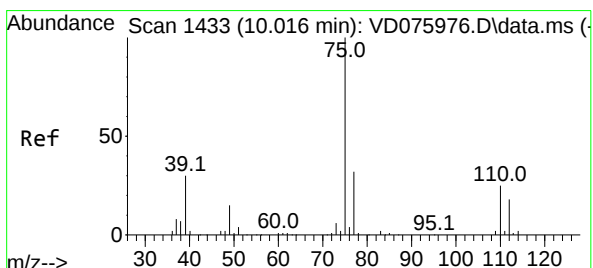
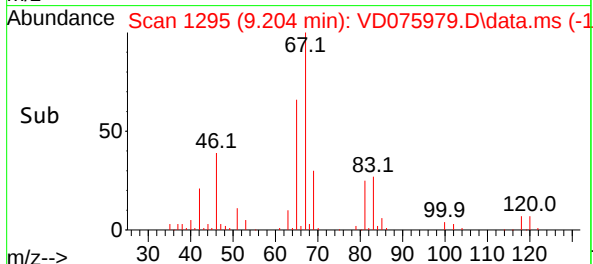
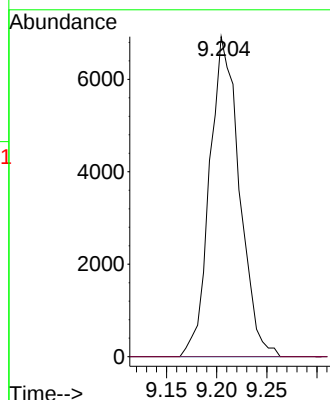
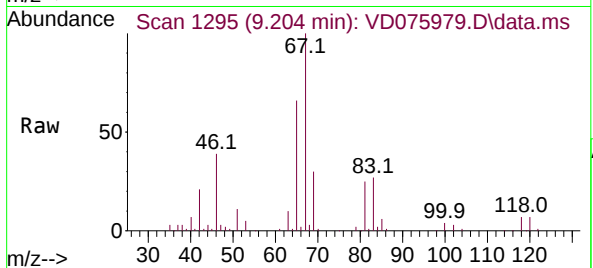




#37
1,2-Dichloropropane
Concen: 2.591 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD075979.D
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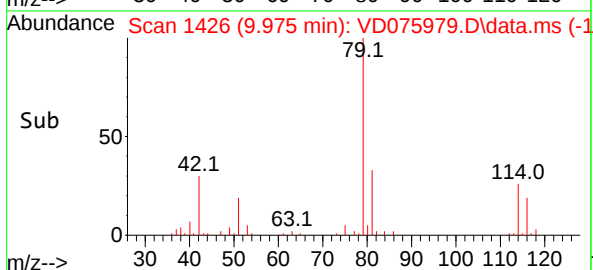
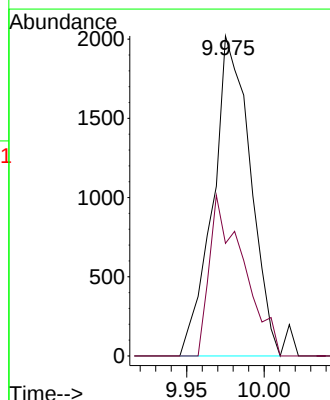
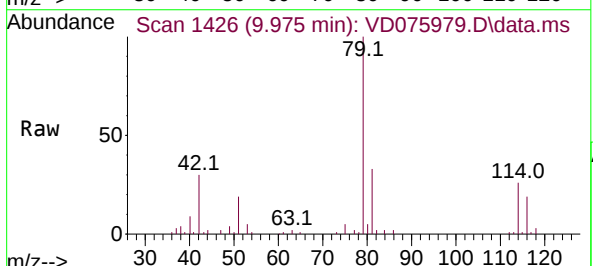
Instrument :
MSVOA_D
ClientSampleId :

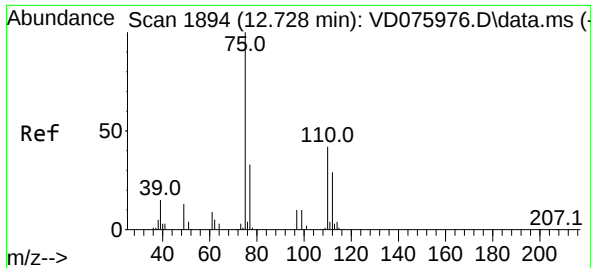
Tgt Ion: 63 Resp: 14363
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.385 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075979.D
Acq: 03 May 2023 13:19

Tgt Ion: 75 Resp: 3391
Ion Ratio Lower Upper
75 100
77 35.2 23.4 43.6





#61

1,2,3-Trichloropropane

Concen: 6.286 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

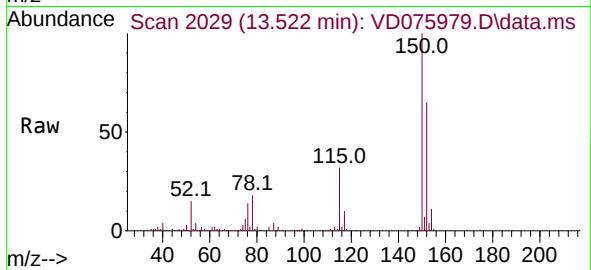
Lab File: VD075979.D

Acq: 03 May 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 11948

Ion Ratio Lower Upper

75 100

77 31.7 26.6 39.8

110 2.7 33.5 50.3#

