

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077018.D
 Acq On : 25 Aug 2023 16:25
 Operator : JC/SY
 Sample : 04172-03
 Misc : 5.21G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:55:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

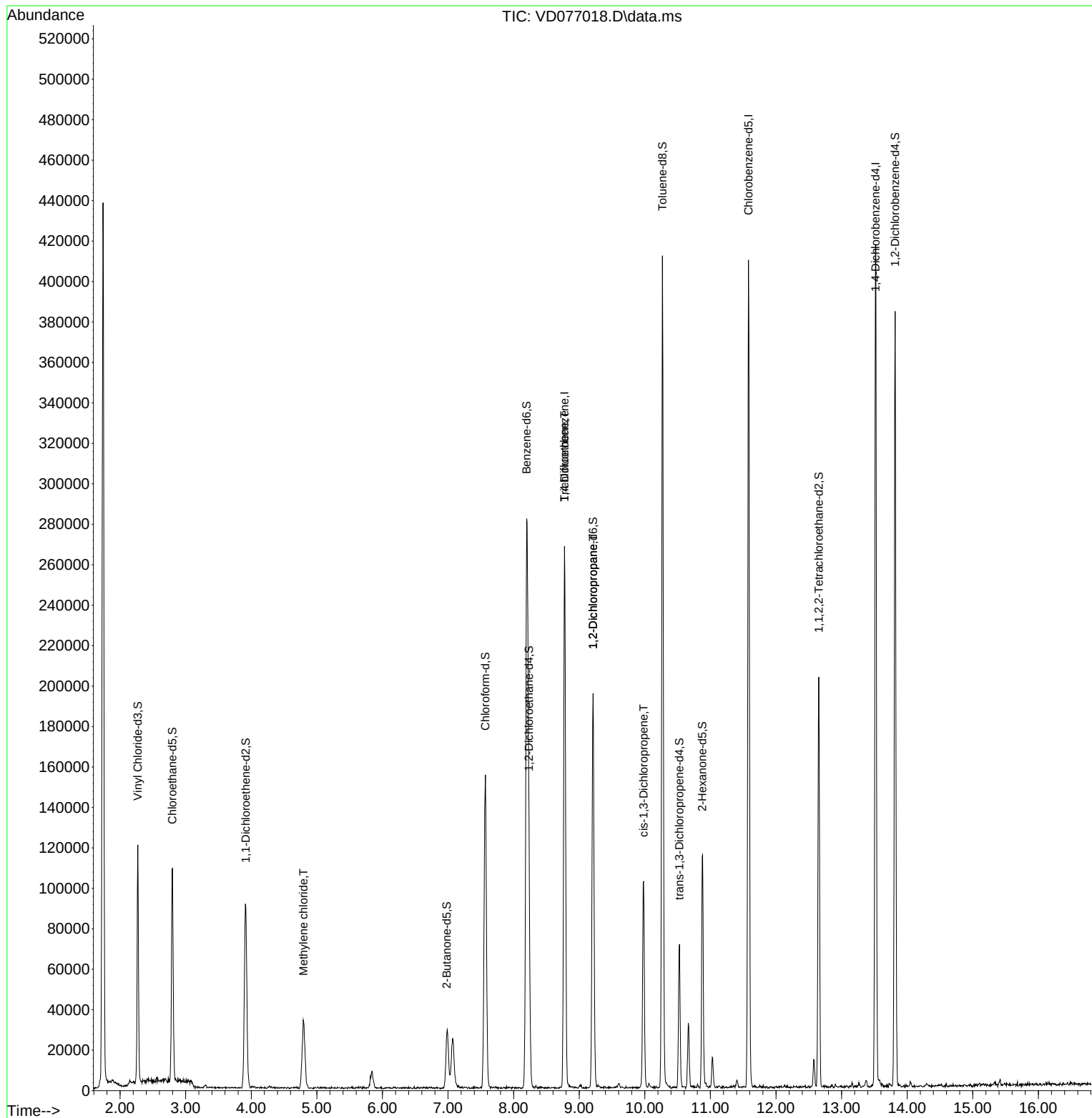
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	253240	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	250093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	116740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	102834	14.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.080%
7) Chloroethane-d5	2.799	69	107378	16.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.720%
11) 1,1-Dichloroethene-d2	3.917	65	25642	15.539	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.160%
21) 2-Butanone-d5	6.981	46	49124	43.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.860%
24) Chloroform-d	7.569	84	165101	20.021	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.080%
26) 1,2-Dichloroethane-d4	8.234	65	87776	21.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	8.199	84	310576	19.752	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	9.210	67	100041	20.693	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.760%
41) Toluene-d8	10.269	98	281652	19.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.160%
43) trans-1,3-Dichloroprop...	10.528	79	41023	18.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.080%
47) 2-Hexanone-d5	10.875	63	43060	46.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101383	21.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	102717	24.067	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.280%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	27649	5.205	ug/L	87
34) Trichloroethene	8.775	95	6841	1.602	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	11636	2.794	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2805	0.417	ug/L #	24

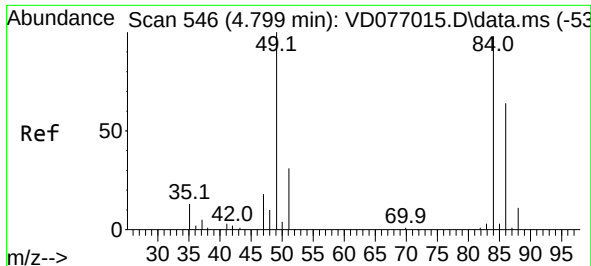
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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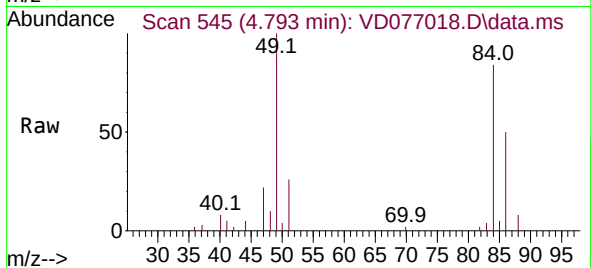
Quant Time: Aug 25 23:55:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration



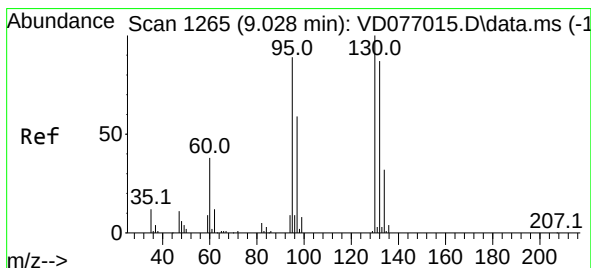
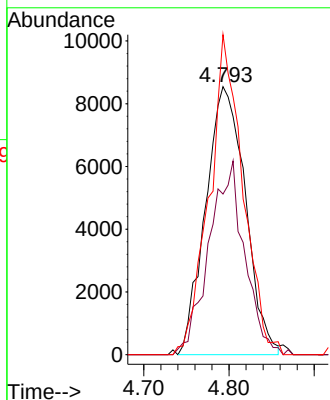
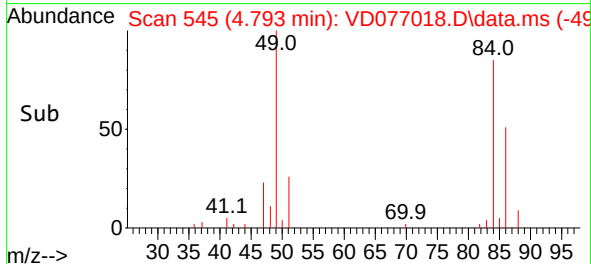


#16
Methylene chloride
Concen: 5.205 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077018.D
Acq: 25 Aug 2023 16:25

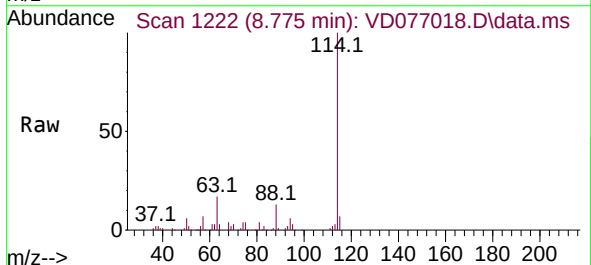
Instrument :
MSVOA_D
ClientSampleId :



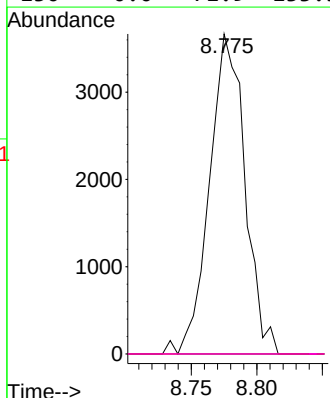
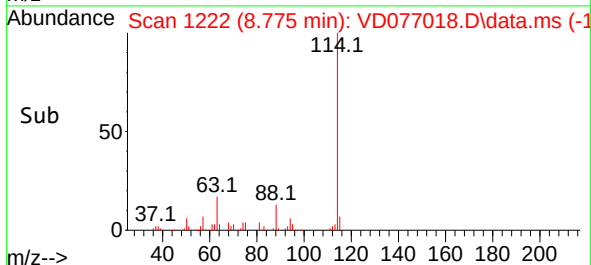
Tgt Ion: 84 Resp: 27649
Ion Ratio Lower Upper
84 100
86 59.9 45.1 83.9
49 119.4 97.2 180.6

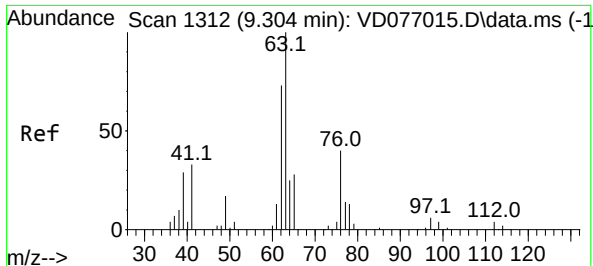


#34
Trichloroethene
Concen: 1.602 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD077018.D
Acq: 25 Aug 2023 16:25



Tgt Ion: 95 Resp: 6841
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

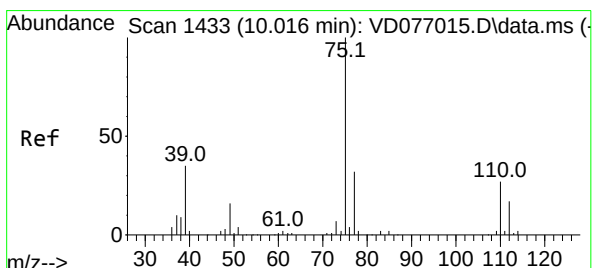
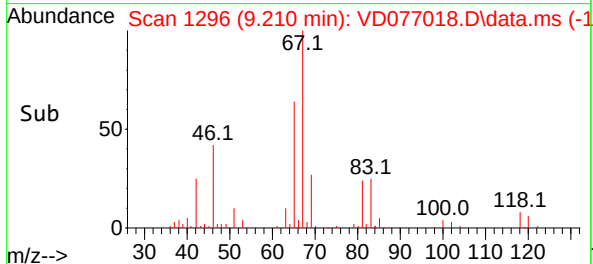
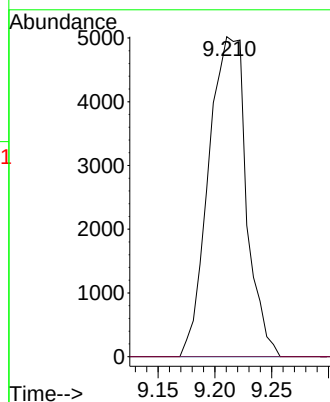
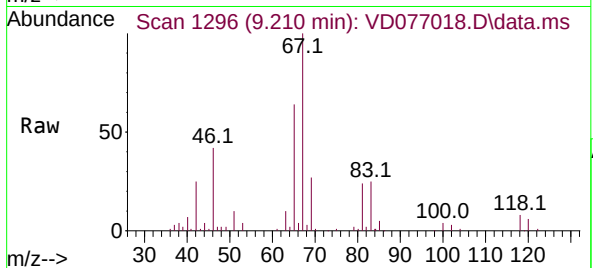




#37
1,2-Dichloropropane
Concen: 2.794 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077018.D
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Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 11636
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.417 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077018.D
Acq: 25 Aug 2023 16:25

Tgt Ion: 75 Resp: 2805
Ion Ratio Lower Upper
75 100
77 75.3 22.7 42.3#

