

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077188.D
 Acq On : 21 Sep 2023 18:37
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:34:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

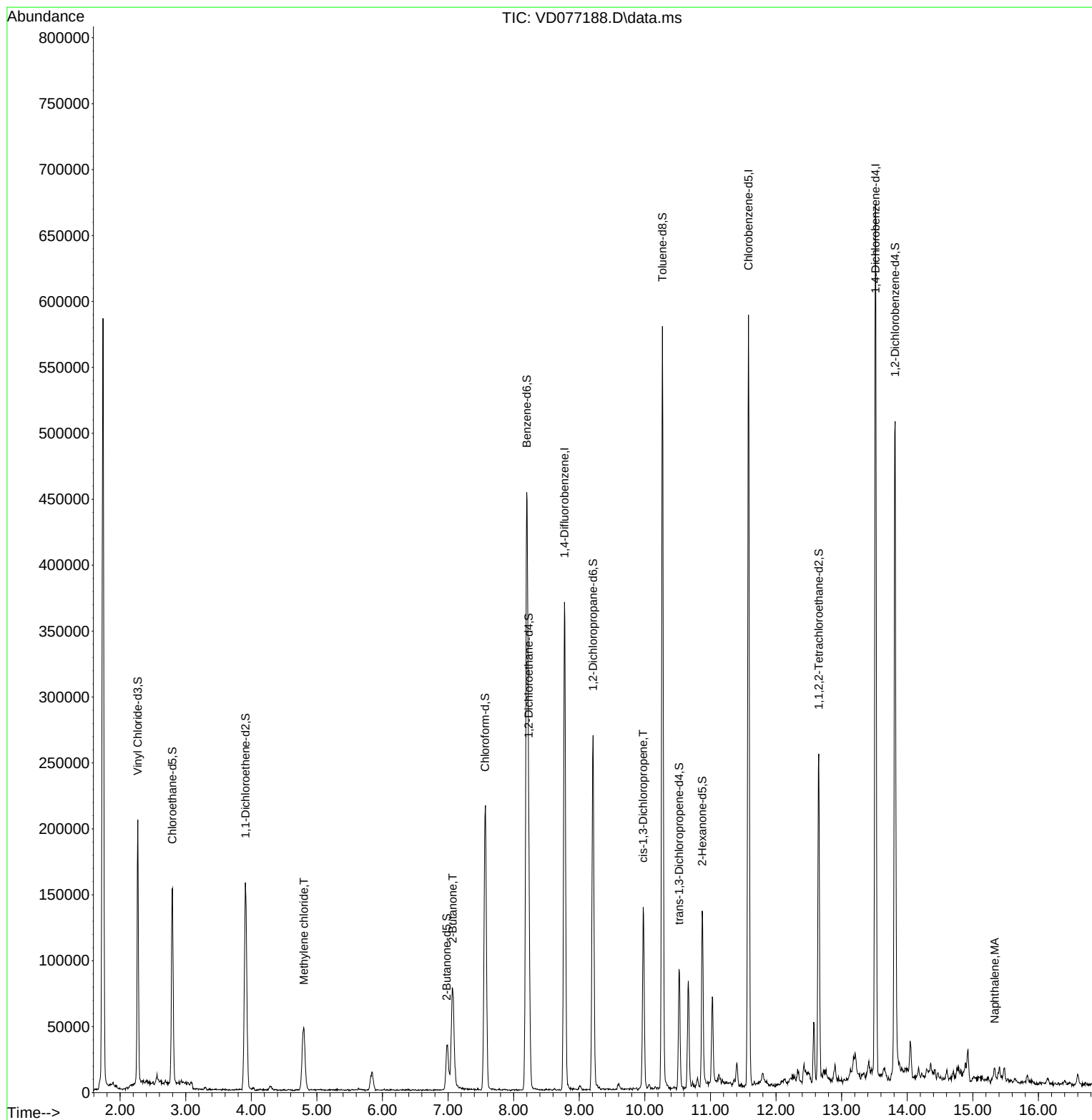
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	342651	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	351872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	184733	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	174160	20.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.520%
7) Chloroethane-d5	2.799	69	156894	22.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	3.911	65	43253	22.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.200%
21) 2-Butanone-d5	6.981	46	58903	55.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.760%
24) Chloroform-d	7.563	84	227672	24.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	8.228	65	115433	25.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.920%
32) Benzene-d6	8.199	84	445373	22.917	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	9.210	67	135160	24.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.269	98	398194	22.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	10.522	79	55198	21.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.875	63	47830	53.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128263	25.815	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	140368	23.673	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	39070	5.602	ug/L	99
22) 2-Butanone	7.069	43	2432	1.321	ug/L #	65
39) cis-1,3-Dichloropropene	9.975	75	4243	0.501	ug/L #	55
71) Naphthalene	15.333	128	10203	0.798	ug/L #	75

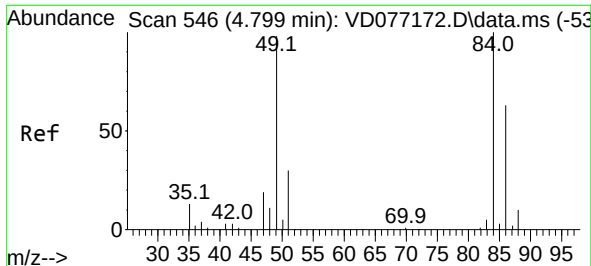
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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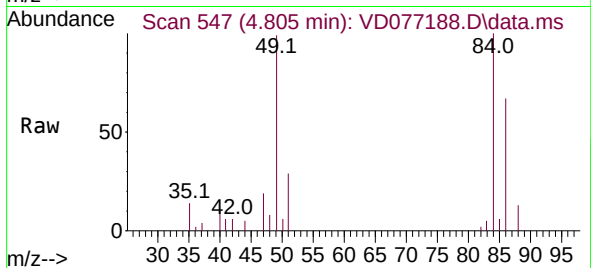
Quant Time: Sep 22 01:34:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
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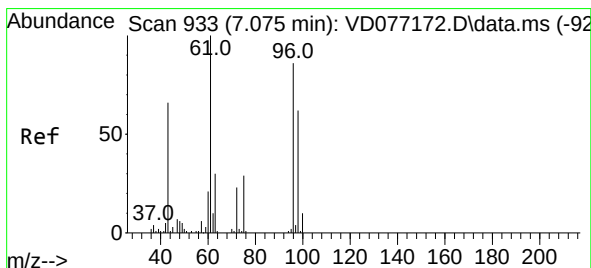
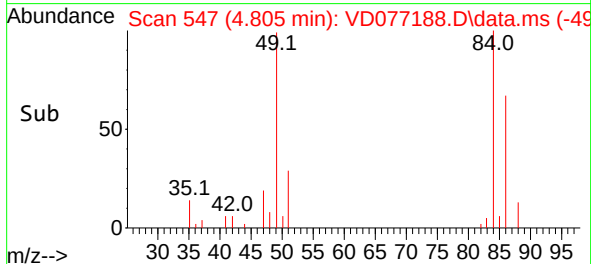
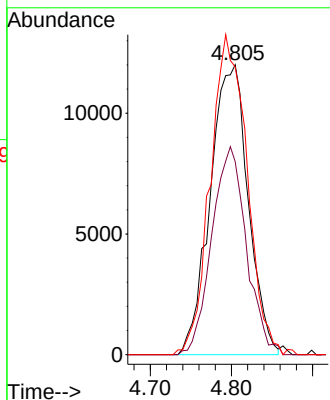


#16
Methylene chloride
Concen: 5.602 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077188.D
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Instrument :
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ClientSampleId :

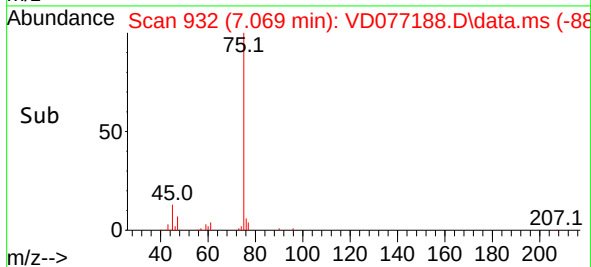
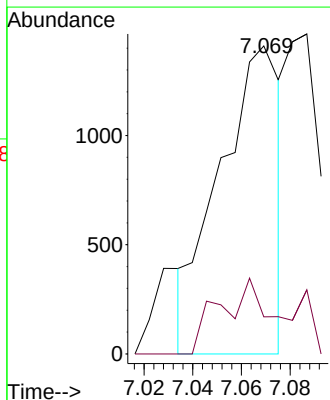
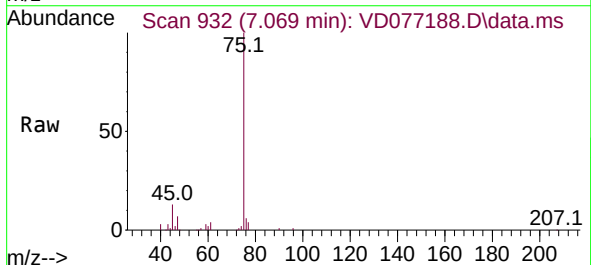


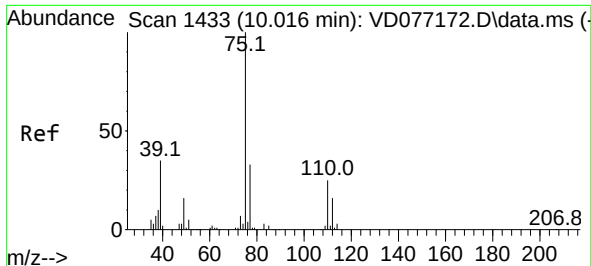
Tgt Ion: 84 Resp: 39070
Ion Ratio Lower Upper
84 100
86 66.6 45.3 84.1
49 99.3 69.2 128.6



#22
2-Butanone
Concen: 1.321 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077188.D
Acq: 21 Sep 2023 18:37

Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
72 12.2 16.0 48.0#

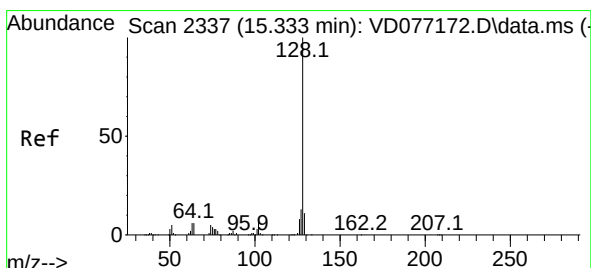
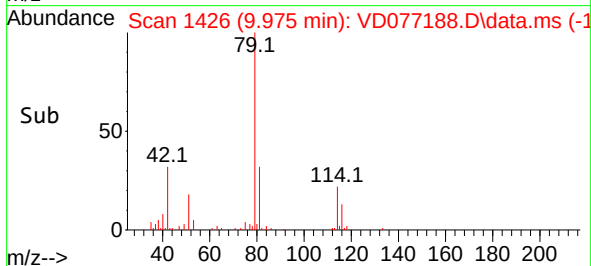
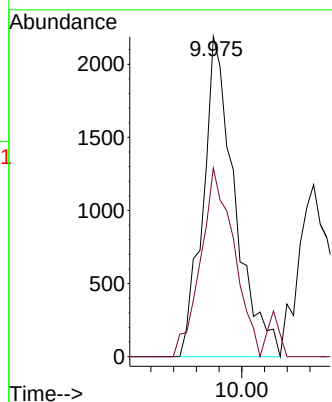
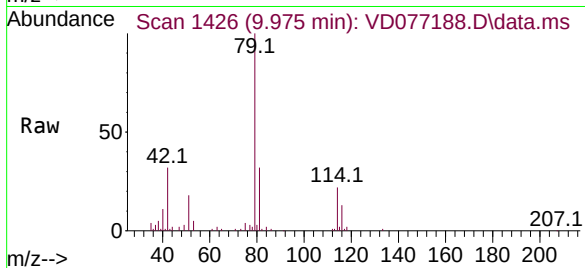




#39
cis-1,3-Dichloropropene
Concen: 0.501 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.041 min
Lab File: VD077188.D
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Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4243
Ion Ratio Lower Upper
75 100
77 58.9 23.2 43.2#



#71
Naphthalene
Concen: 0.798 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077188.D
Acq: 21 Sep 2023 18:37

Tgt Ion: 128 Resp: 10203
Ion Ratio Lower Upper
128 100
127 3.7 10.6 16.0#
129 1.2 8.6 13.0#

