

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091423\
 Data File : VD077114.D
 Acq On : 14 Sep 2023 10:01
 Operator : JC/SY
 Sample : VD0914SBL01
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 23:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

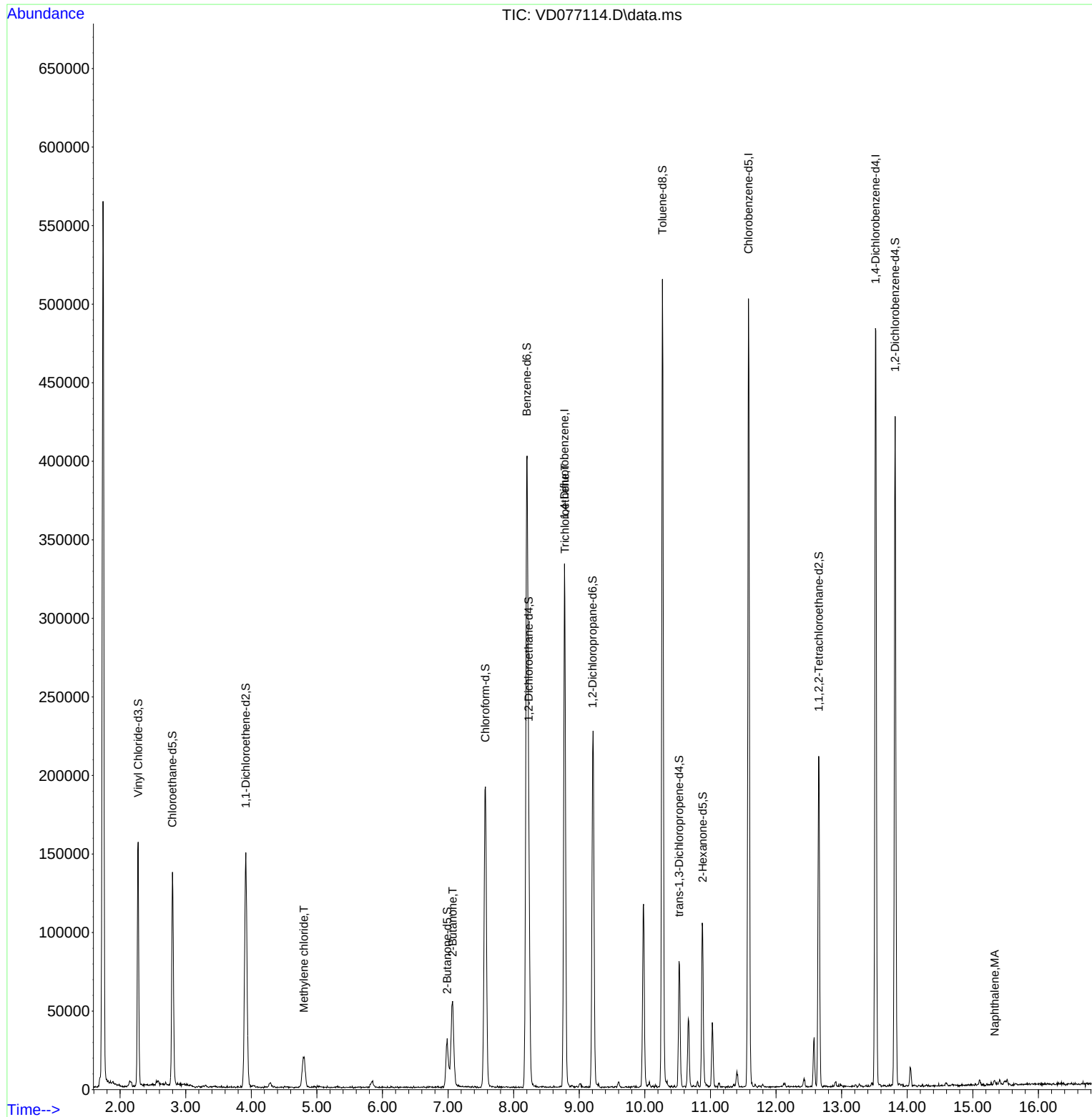
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	301815	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	302111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	139864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	146132	19.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.600%
7) Chloroethane-d5	2.799	69	140312	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	3.916	65	41546	24.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.360%
21) 2-Butanone-d5	6.987	46	51803	55.293	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.580%
24) Chloroform-d	7.569	84	201884	24.445	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	8.228	65	100381	25.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.560%
32) Benzene-d6	8.198	84	405236	24.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	9.204	67	119040	24.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	10.269	98	359588	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	10.522	79	48838	22.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.600%
47) 2-Hexanone-d5	10.880	63	38004	49.726	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107548	25.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	118105	26.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.240%
Target Compounds						Qvalue
16) Methylene chloride	4.804	84	16194	2.636	ug/L	92
22) 2-Butanone	7.069	43	2563	1.581	ug/L #	52
34) Trichloroethene	8.781	95	8456	1.757	ug/L #	4
71) Naphthalene	15.333	128	3770	0.389	ug/L #	80

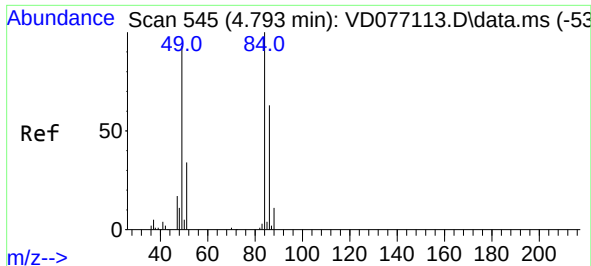
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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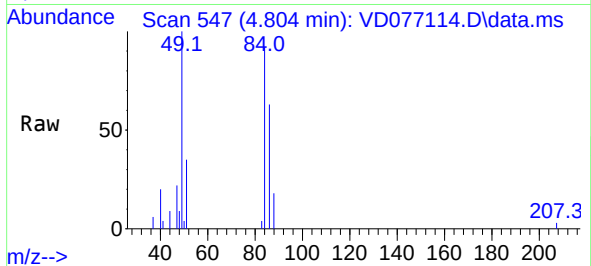
Quant Time: Sep 14 23:20:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
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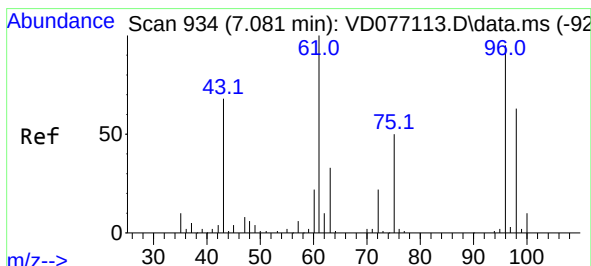
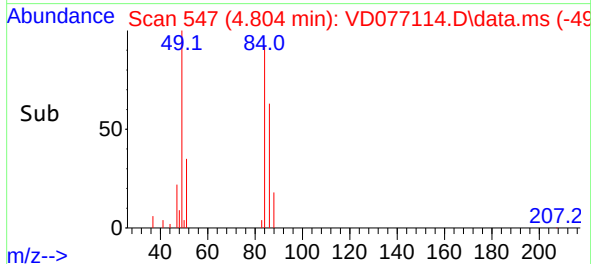
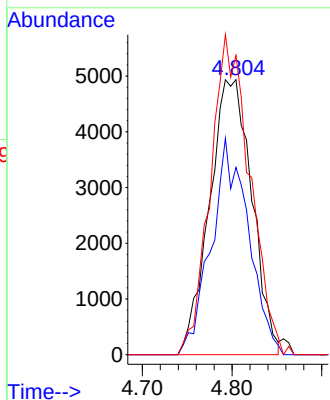


#16
Methylene chloride
Concen: 2.636 ug/L
RT: 4.804 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077114.D
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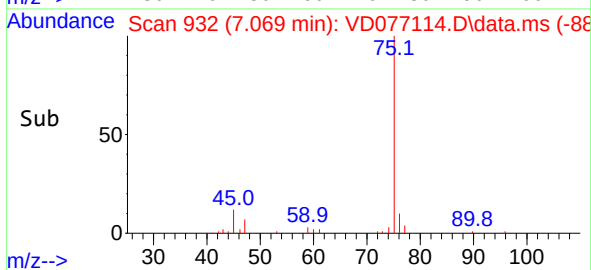
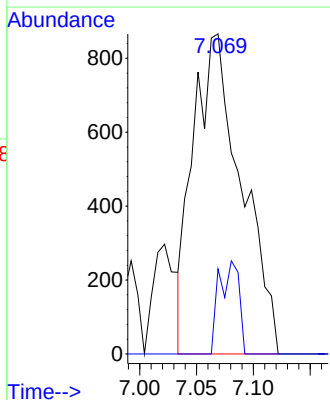
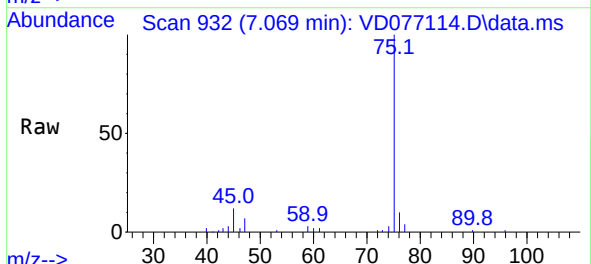


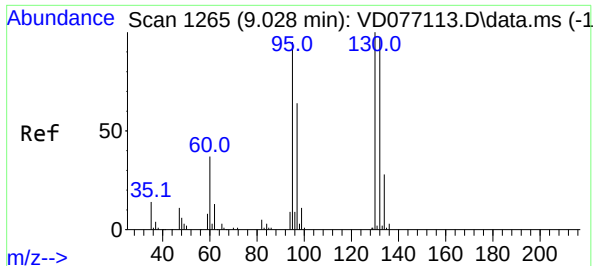
Tgt Ion: 84 Resp: 16194
Ion Ratio Lower Upper
84 100
86 68.1 45.3 84.1
49 108.8 69.2 128.6



#22
2-Butanone
Concen: 1.581 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077114.D
Acq: 14 Sep 2023 10:01

Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
72 5.3 16.0 48.0#





#34

Trichloroethene

Concen: 1.757 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

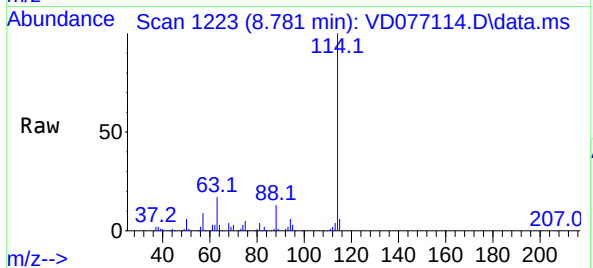
Lab File: VD077114.D

Acq: 14 Sep 2023 10:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 8456

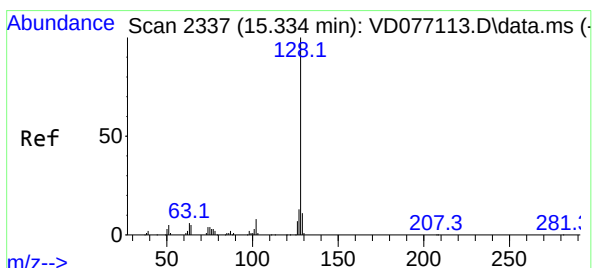
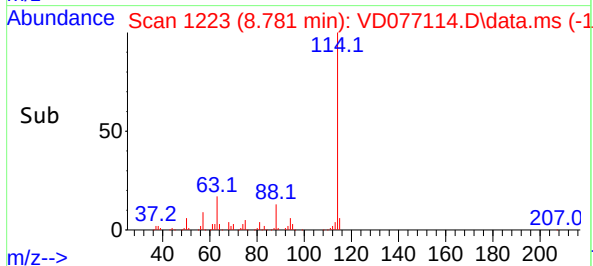
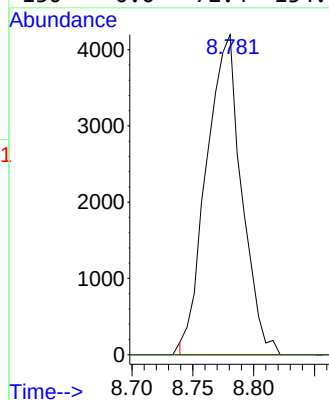
Ion Ratio Lower Upper

95 100

97 0.0 46.4 86.2#

132 0.0 70.1 130.1#

130 0.0 72.4 134.5#



#71

Naphthalene

Concen: 0.389 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD077114.D

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Tgt Ion: 128 Resp: 3770

Ion Ratio Lower Upper

128 100

127 5.0 10.6 16.0#

129 3.5 8.6 13.0#

