

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077886.D
 Acq On : 14 Dec 2023 16:29
 Operator : RP/MD
 Sample : 05788-14
 Misc : 5.19G/10ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:14:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

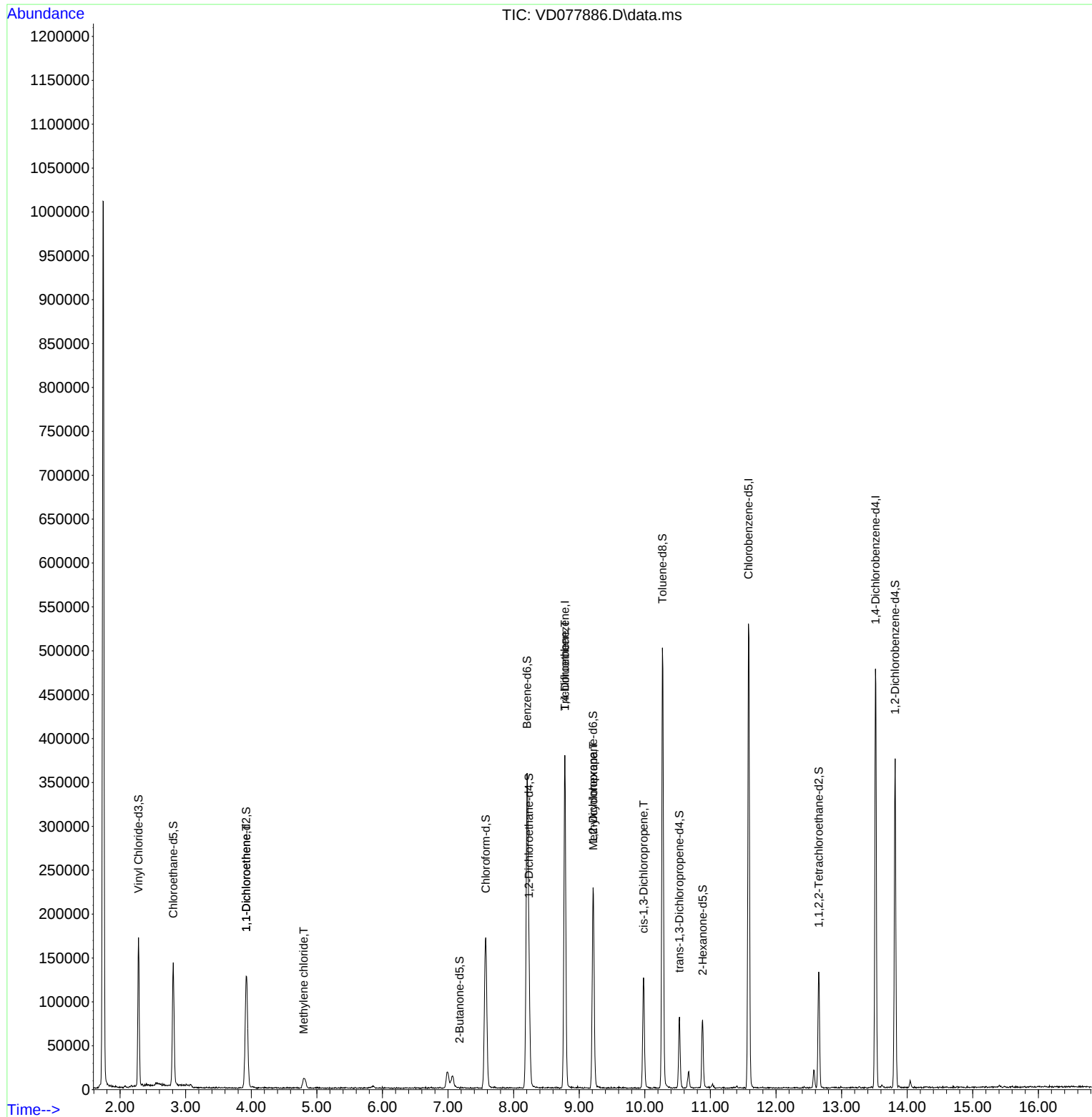
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	334599	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	309718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129388	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	159225	17.450	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	69.800%	
7) Chloroethane-d5	2.811	69	142504	19.594	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	78.360%	
11) 1,1-Dichloroethene-d2	3.922	65	39149	16.547	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	66.200%	
21) 2-Butanone-d5	7.175	46	277	0.240	ug/L	0.19
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.480%#	
24) Chloroform-d	7.575	84	182135	20.197	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	80.800%	
26) 1,2-Dichloroethane-d4	8.234	65	85628	18.741	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	74.960%	
32) Benzene-d6	8.205	84	386240	20.706	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	82.840%	
36) 1,2-Dichloropropane-d6	9.210	67	117755	20.690	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	82.760%	
41) Toluene-d8	10.269	98	351371	20.465	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	81.880%	
43) trans-1,3-Dichloroprop...	10.528	79	44250	17.582	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	70.320%	
47) 2-Hexanone-d5	10.881	63	28213	28.767	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	57.540%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69683	16.943	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	67.760%	
66) 1,2-Dichlorobenzene-d4	13.816	152	98159	21.206	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	84.840%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	1242	0.273	ug/L #	1
16) Methylene chloride	4.799	84	4067	0.685	ug/L	88
34) Trichloroethene	8.781	95	9513	1.901	ug/L #	6
35) Methylcyclohexane	9.216	83	26211	2.950	ug/L #	19
39) cis-1,3-Dichloropropene	9.981	75	3317	0.404	ug/L #	30

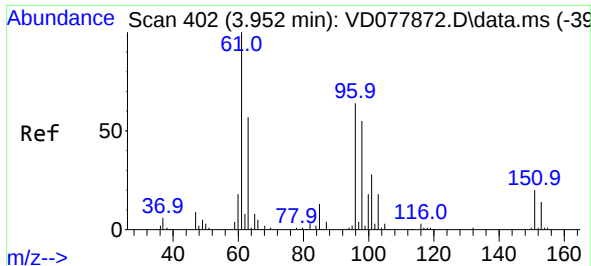
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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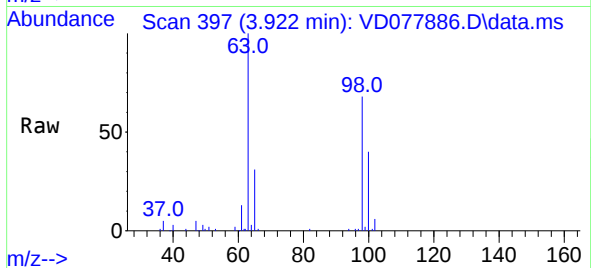
Quant Time: Dec 15 07:14:00 2023
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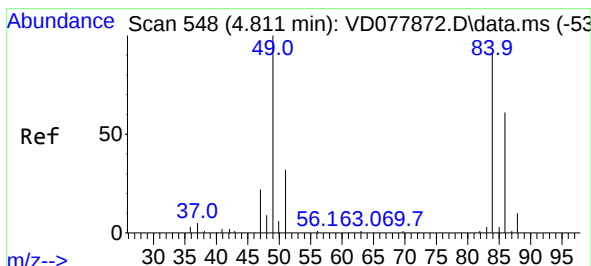
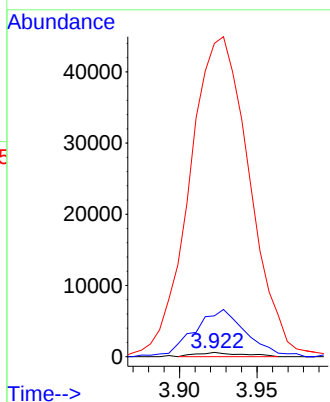
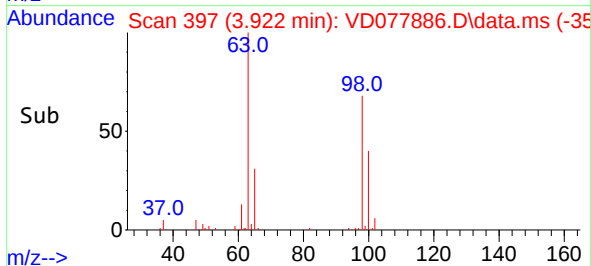


#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.029 min
Lab File: VD077886.D
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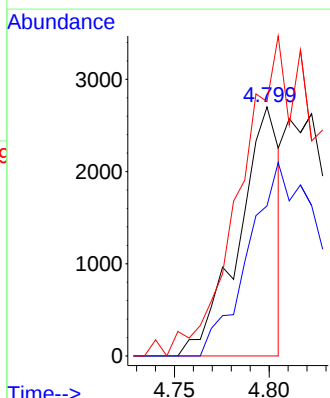
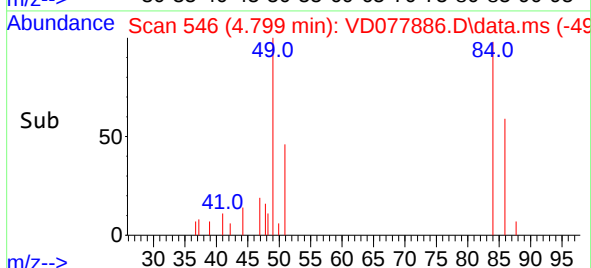
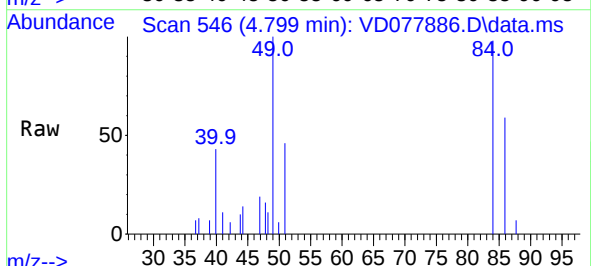


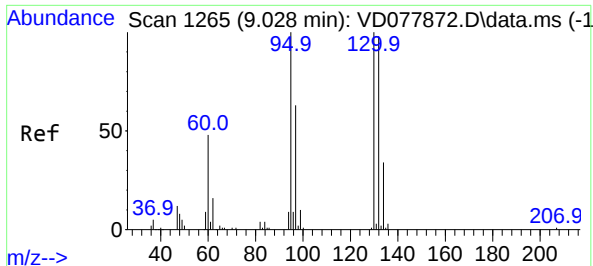
Tgt Ion: 96 Resp: 1242
Ion Ratio Lower Upper
96 100
61 959.5 108.6 201.6#
63 7357.9 60.3 111.9#



#16
Methylene chloride
Concen: 0.685 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077886.D
Acq: 14 Dec 2023 16:29

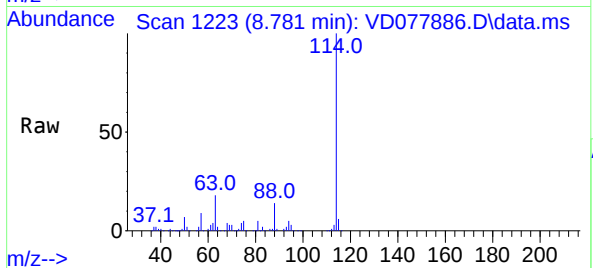
Tgt Ion: 84 Resp: 4067
Ion Ratio Lower Upper
84 100
86 60.3 40.1 74.5
49 102.2 83.2 154.6



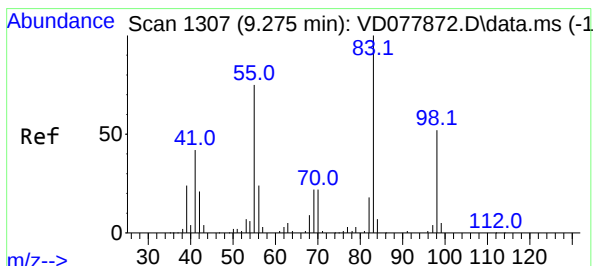
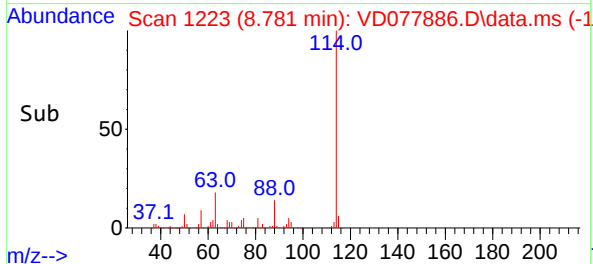
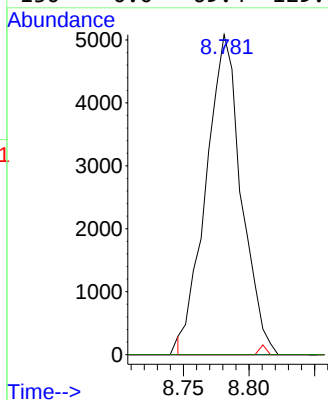


#34
Trichloroethene
Concen: 1.901 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077886.D
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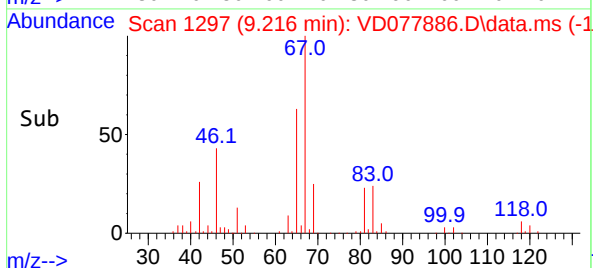
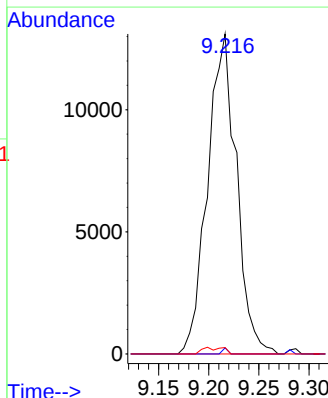
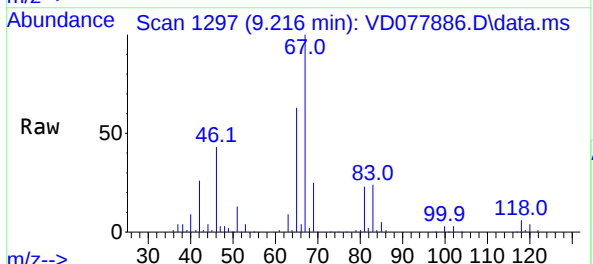


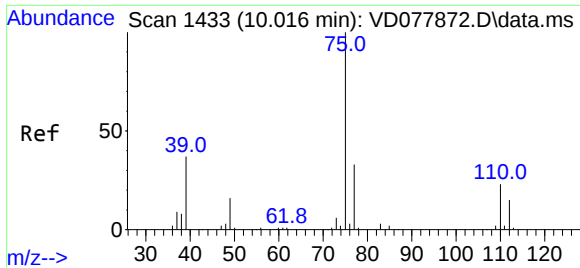
Tgt Ion: 95 Resp: 9513
Ion Ratio Lower Upper
95 100
97 3.4 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#



#35
Methylcyclohexane
Concen: 2.950 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD077886.D
Acq: 14 Dec 2023 16:29

Tgt Ion: 83 Resp: 26211
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.7 38.5 57.7#





#39
cis-1,3-Dichloropropene
Concen: 0.404 ug/L
RT: 9.981 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD077886.D
Acq: 14 Dec 2023 16:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 3317
Ion Ratio Lower Upper
75 100
77 68.2 21.2 39.4#

