

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077889.D
 Acq On : 14 Dec 2023 17:48
 Operator : RP/MD
 Sample : 05788-17
 Misc : 5.39G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:14:28 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)

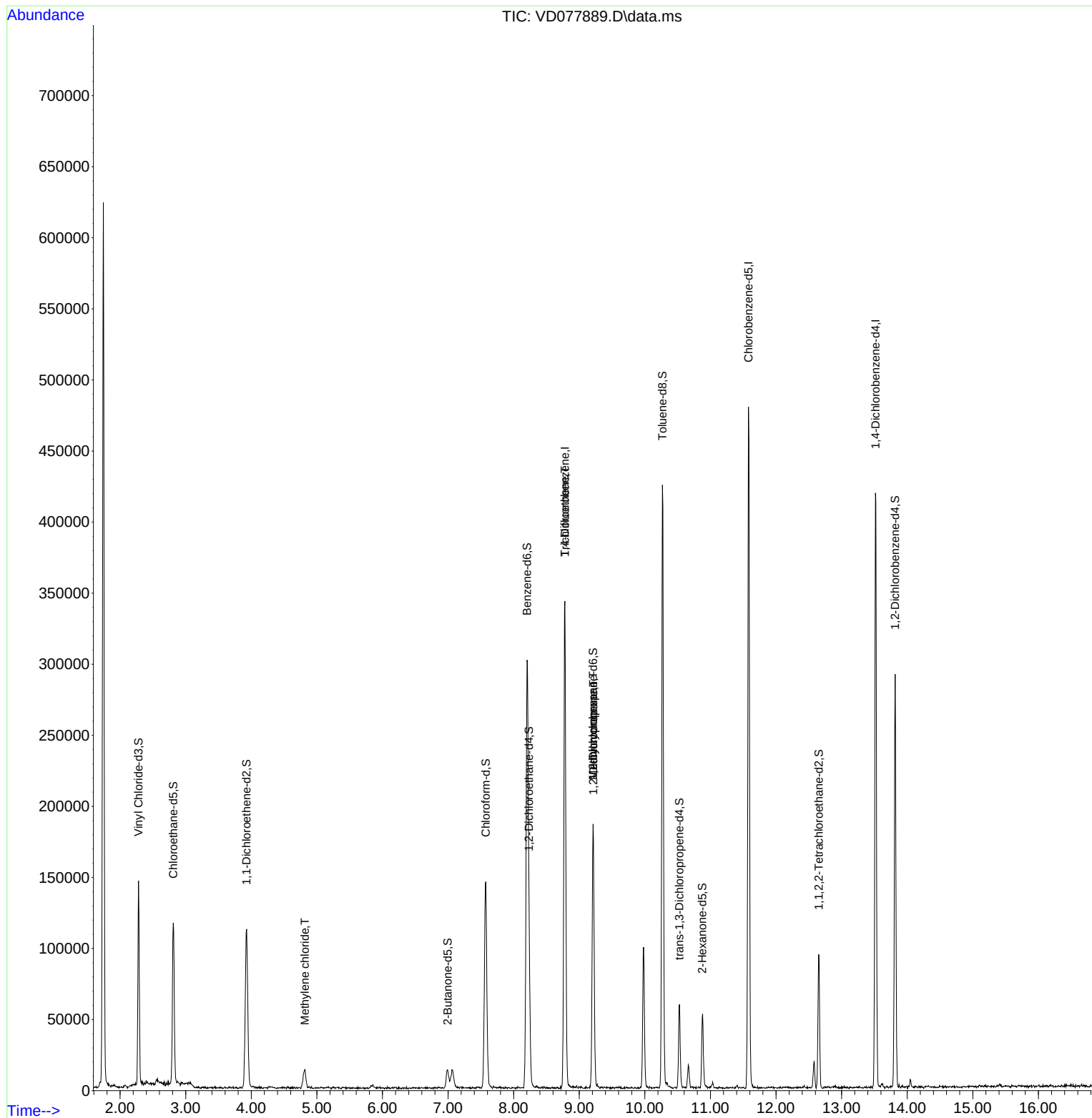
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	306834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	113955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	133164	15.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
7) Chloroethane-d5	2.811	69	122012	18.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
11) 1,1-Dichloroethene-d2	3.928	65	32998	15.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.840%
21) 2-Butanone-d5	6.993	46	21957	20.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.520%
24) Chloroform-d	7.575	84	154179	18.644	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.560%
26) 1,2-Dichloroethane-d4	8.234	65	67908	16.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.840%#
32) Benzene-d6	8.204	84	326753	19.282	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.120%
36) 1,2-Dichloropropane-d6	9.210	67	93990	18.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.720%
41) Toluene-d8	10.269	98	293797	18.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.360%
43) trans-1,3-Dichloroprop...	10.528	79	33541	14.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.680%
47) 2-Hexanone-d5	10.875	63	18803	21.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	48904	13.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	77138	18.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.680%
Target Compounds						Qvalue
16) Methylene chloride	4.816	84	4939	0.907	ug/L	89
34) Trichloroethene	8.781	95	8887	1.955	ug/L #	5
35) Methylcyclohexane	9.210	83	21818	2.703	ug/L #	19
37) 1,2-Dichloropropane	9.216	63	10786	2.259	ug/L #	87

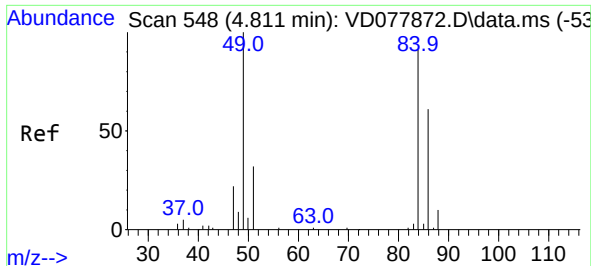
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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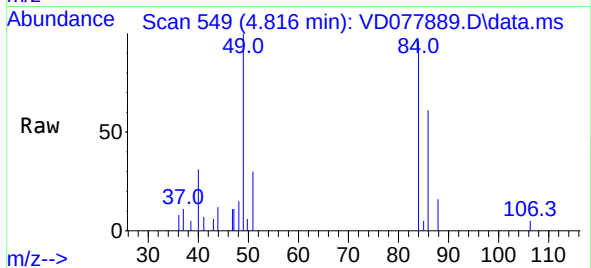
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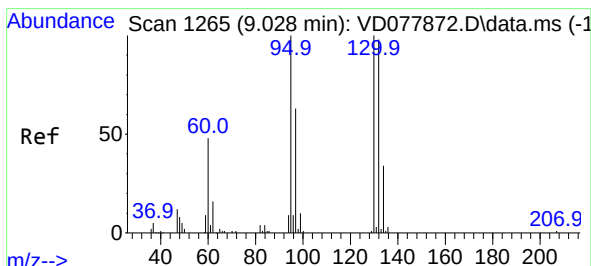
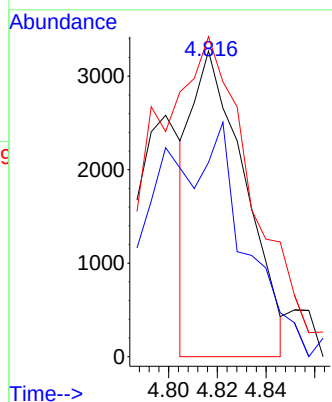
#16
Methylene chloride
Concen: 0.907 ug/L
RT: 4.816 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD077889.D
Acq: 14 Dec 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4939

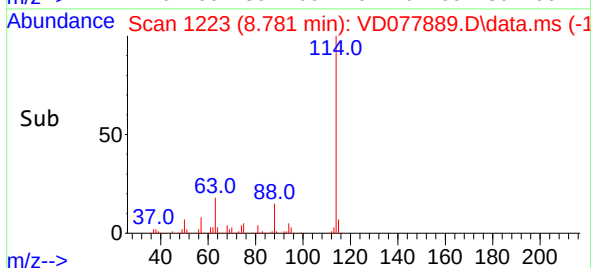
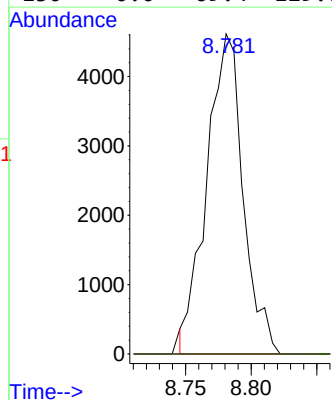
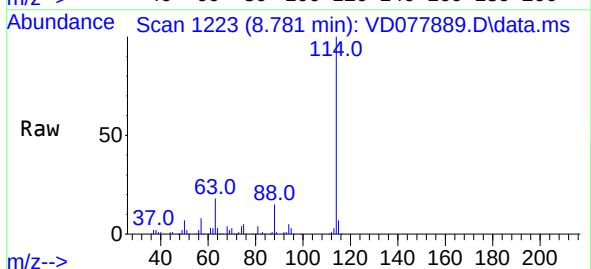
Ion	Ratio	Lower	Upper
84	100		
86	63.5	40.1	74.5
49	104.6	83.2	154.6

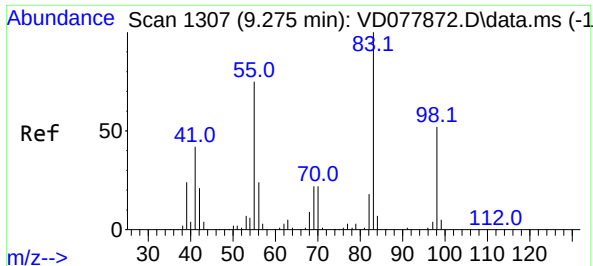


#34
Trichloroethene
Concen: 1.955 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077889.D
Acq: 14 Dec 2023 17:48

Tgt Ion: 95 Resp: 8887

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#

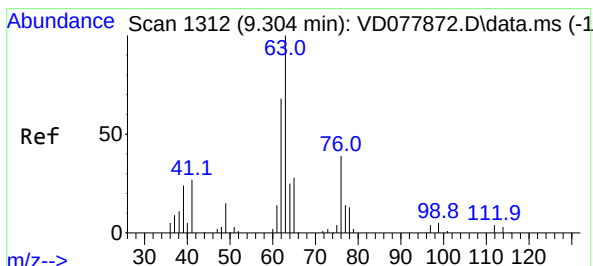
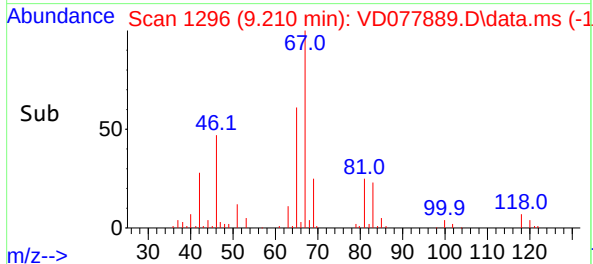
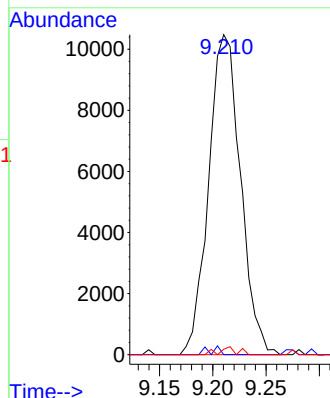
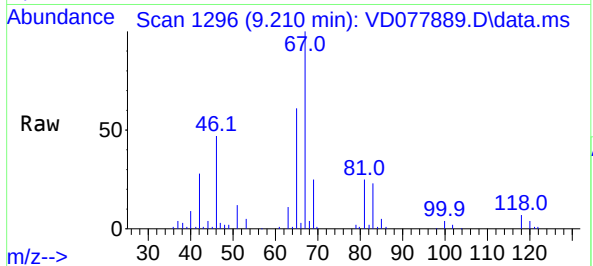




#35
Methylcyclohexane
Concen: 2.703 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
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Tgt Ion: 83 Resp: 21818
Ion Ratio Lower Upper
83 100
55 0.5 59.8 89.6#
98 0.7 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 2.259 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD077889.D
Acq: 14 Dec 2023 17:48

Tgt Ion: 63 Resp: 10786
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

