

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077541.D
 Acq On : 13 Nov 2023 11:42
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:41:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

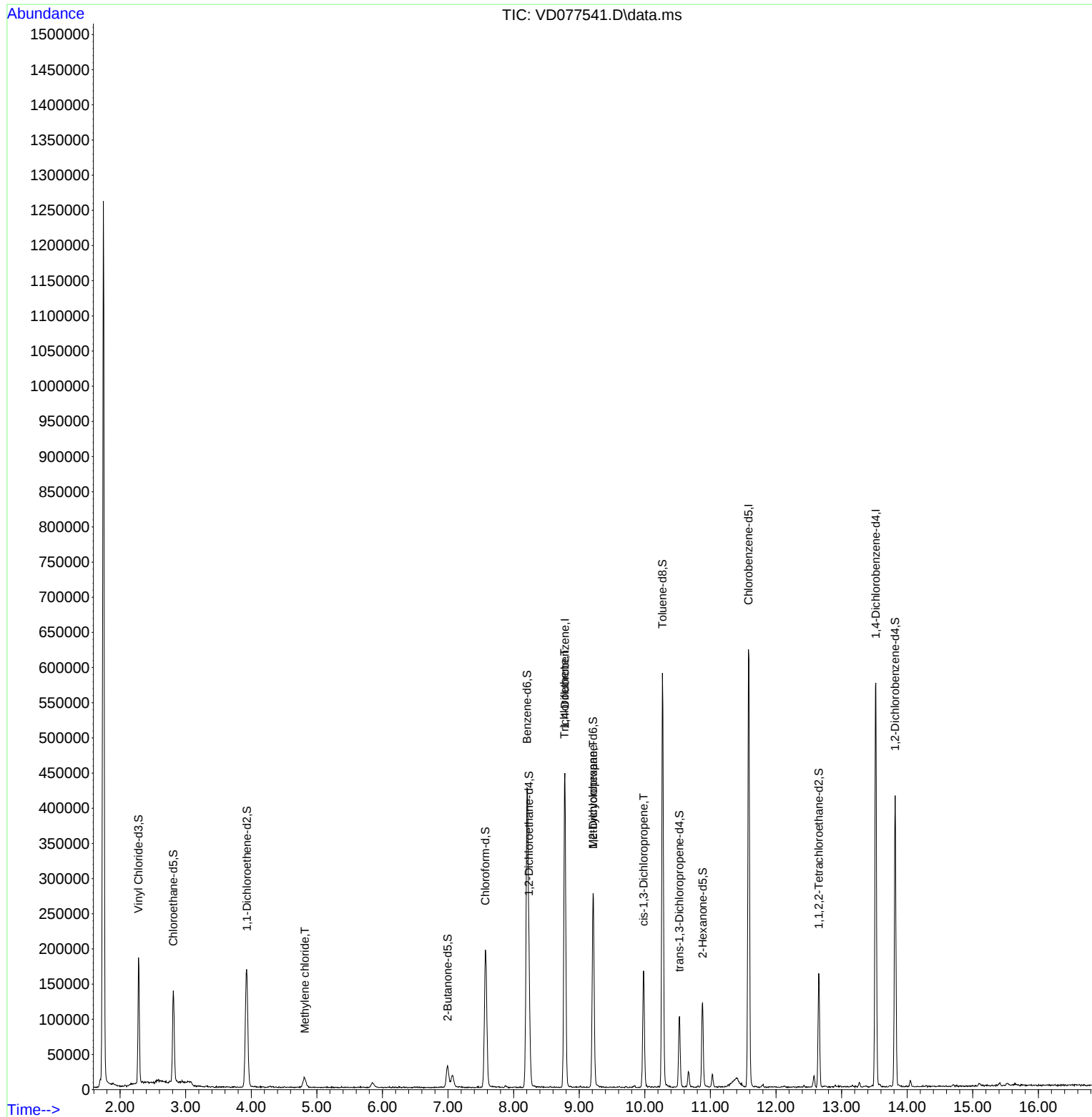
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	367352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	330477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	144458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	164542	17.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.440%
7) Chloroethane-d5	2.811	69	133596	18.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	3.934	65	53080	18.369	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.480%
21) 2-Butanone-d5	6.993	46	57862	35.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.520%
24) Chloroform-d	7.569	84	199119	18.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.040%
26) 1,2-Dichloroethane-d4	8.234	65	110150	19.514	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.040%
32) Benzene-d6	8.205	84	428317	19.969	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.880%
36) 1,2-Dichloropropane-d6	9.210	67	139004	19.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.600%
41) Toluene-d8	10.269	98	382835	19.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	10.528	79	57279	19.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.881	63	43135	34.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82358	17.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	102163	19.880	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.520%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.817	84	9257	1.493	ug/L	91
34) Trichloroethene	8.775	95	11463	2.019	ug/L #	10
35) Methylcyclohexane	9.210	83	30063	2.934	ug/L #	17
39) cis-1,3-Dichloropropene	9.981	75	4342	0.444	ug/L #	53

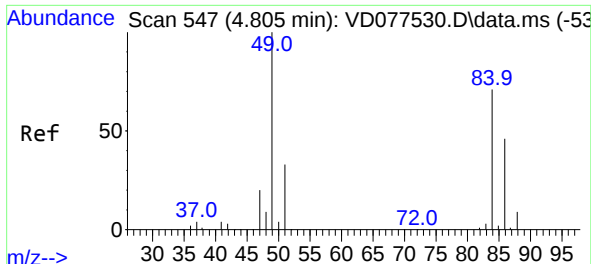
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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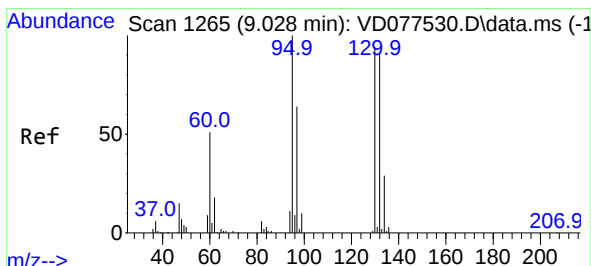
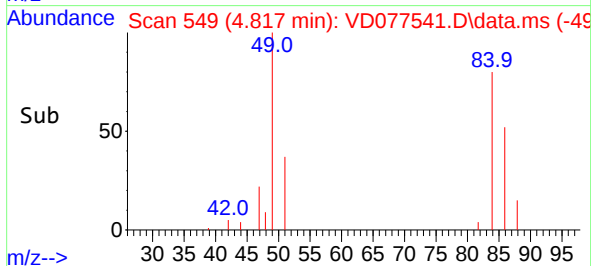
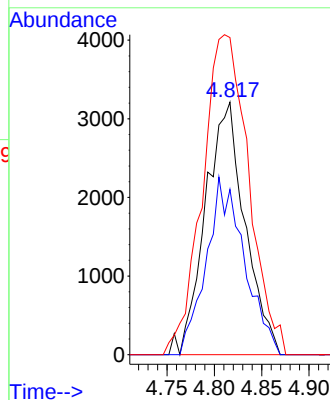
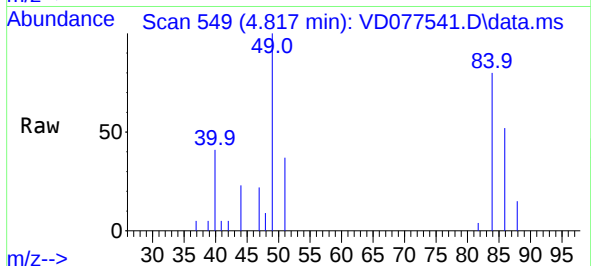




#16
Methylene chloride
Concen: 1.493 ug/L
RT: 4.817 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD077541.D
Acq: 13 Nov 2023 11:42

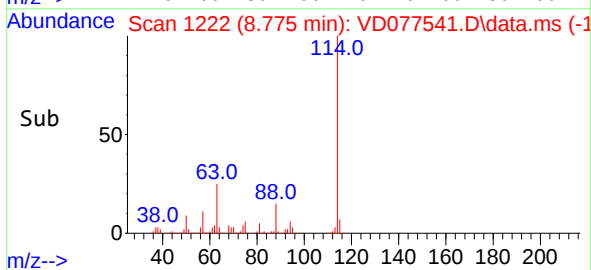
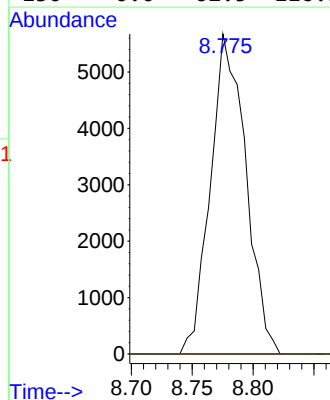
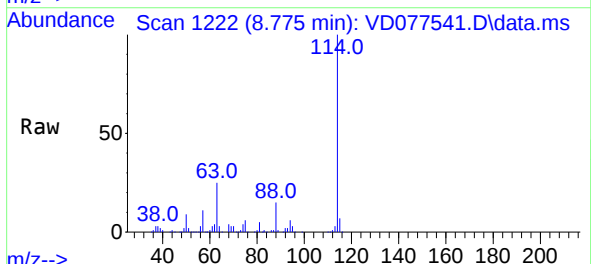
Instrument :
MSVOA_D
ClientSampleId :

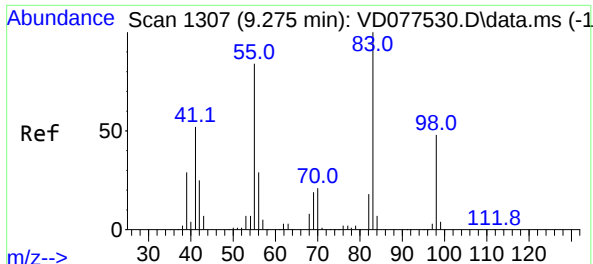
Tgt Ion: 84 Resp: 9257
Ion Ratio Lower Upper
84 100
86 65.5 46.5 86.5
49 125.6 98.3 182.7



#34
Trichloroethene
Concen: 2.019 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD077541.D
Acq: 13 Nov 2023 11:42

Tgt Ion: 95 Resp: 11463
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#





#35

Methylcyclohexane

Concen: 2.934 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD077541.D

Acq: 13 Nov 2023 11:42

Instrument :

MSVOA_D

ClientSampleId :

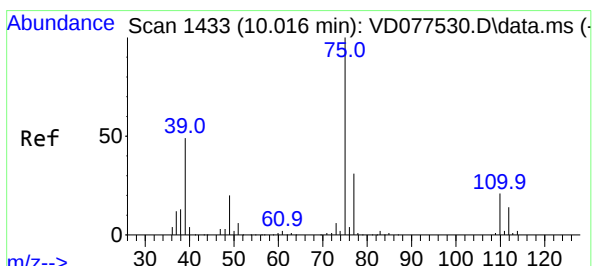
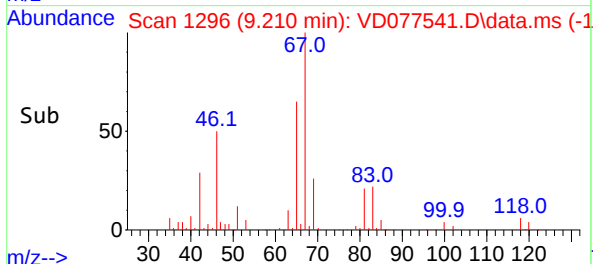
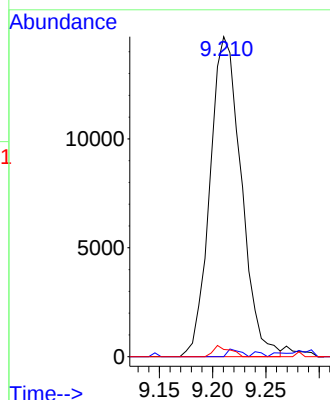
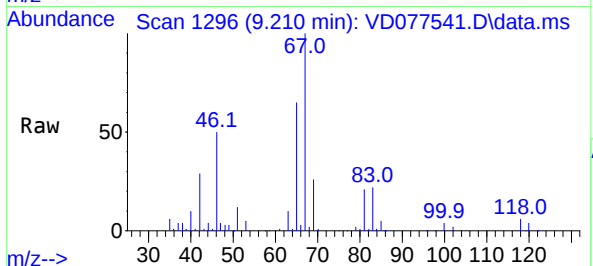
Tgt Ion: 83 Resp: 30063

Ion Ratio Lower Upper

83 100

55 1.0 66.5 99.7#

98 1.8 37.4 56.2#



#39

cis-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077541.D

Acq: 13 Nov 2023 11:42

Tgt Ion: 75 Resp: 4342

Ion Ratio Lower Upper

75 100

77 58.6 22.5 41.9#

