

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077207.D
 Acq On : 22 Sep 2023 18:47
 Operator : JC/SY
 Sample : 04469-11
 Misc : 5.69G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 23:45:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

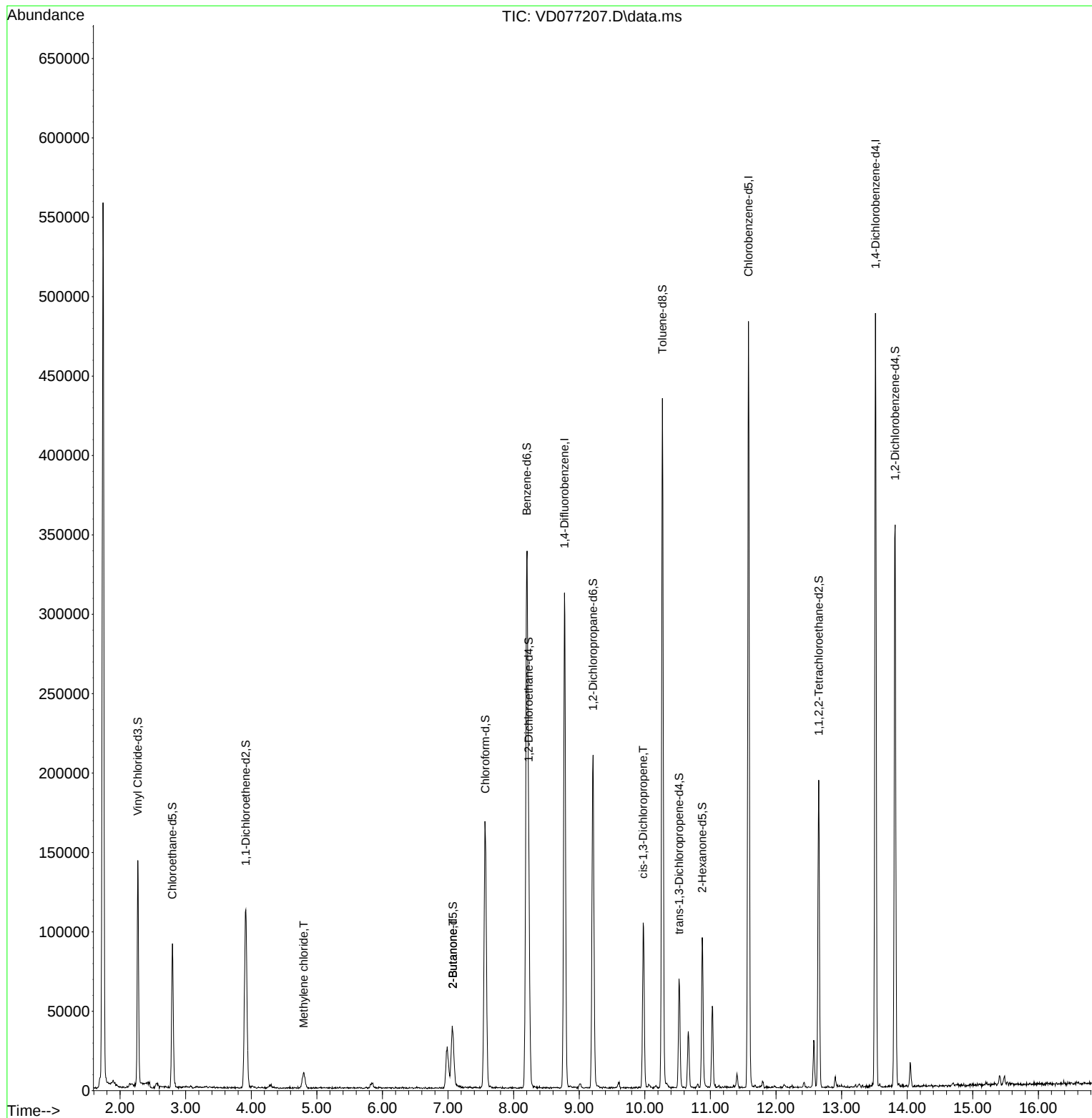
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	282120	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	284888	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	133323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	125982	18.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
7) Chloroethane-d5	2.799	69	89763	15.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.800%
11) 1,1-Dichloroethene-d2	3.917	65	32081	20.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.280%
21) 2-Butanone-d5	7.075	46	939	1.072	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.140%#
24) Chloroform-d	7.569	84	175363	22.716	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	8.228	65	88630	24.223	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.880%
32) Benzene-d6	8.199	84	340318	21.628	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.520%
36) 1,2-Dichloropropane-d6	9.210	67	108055	23.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.269	98	299631	20.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	10.522	79	39880	19.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.600%
47) 2-Hexanone-d5	10.875	63	33251	46.137	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97719	24.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	98616	23.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.160%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	7731	1.346	ug/L	97
22) 2-Butanone	7.075	43	1150	0.759	ug/L #	43
39) cis-1,3-Dichloropropene	9.975	75	2634	0.384	ug/L	91

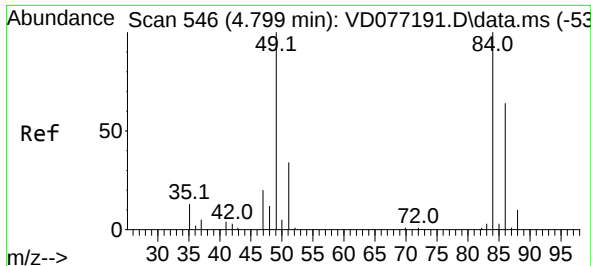
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.346 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

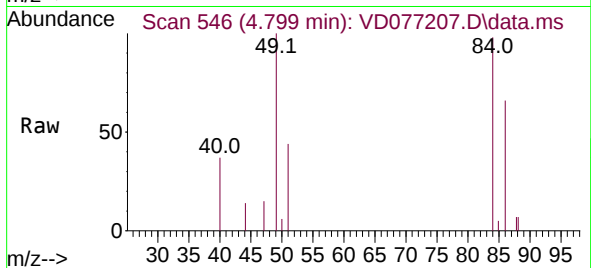
Lab File: VD077207.D

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Instrument :

MSVOA_D

ClientSampleId :



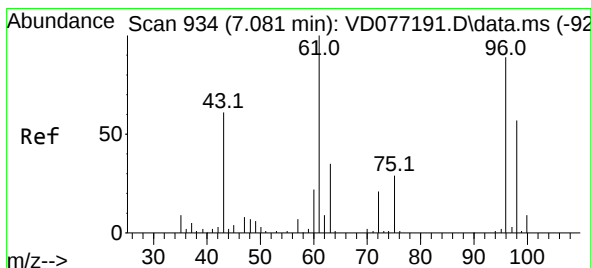
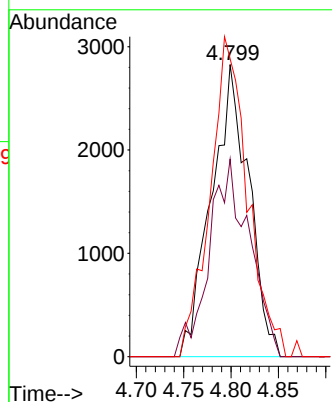
Tgt Ion: 84 Resp: 7731

Ion Ratio Lower Upper

84 100

86 67.6 45.3 84.1

49 101.9 69.2 128.6



#22

2-Butanone

Concen: 0.759 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD077207.D

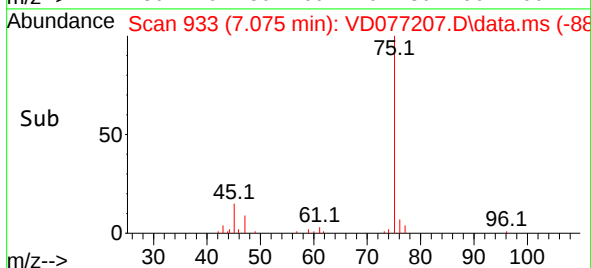
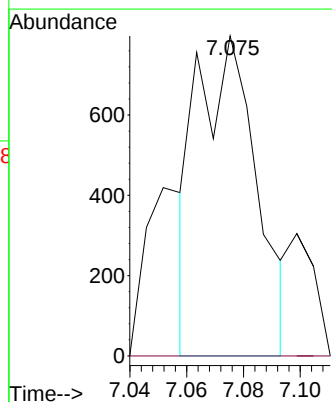
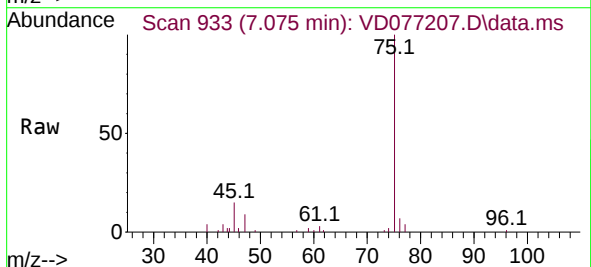
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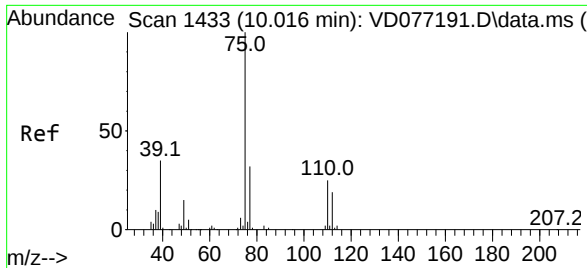
Tgt Ion: 43 Resp: 1150

Ion Ratio Lower Upper

43 100

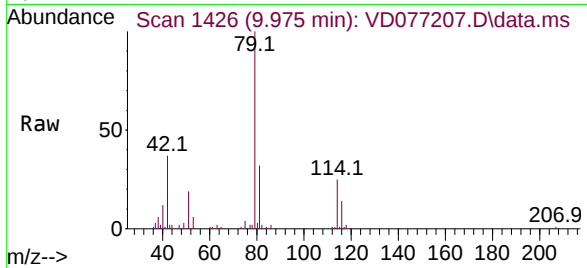
72 0.0 16.0 48.0#





#39
 cis-1,3-Dichloropropene
 Concen: 0.384 ug/L
 RT: 9.975 min Scan# 14
 Delta R.T. -0.041 min
 Lab File: VD077207.D
 Acq: 22 Sep 2023 18:47

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 2634
 Ion Ratio Lower Upper
 75 100
 77 38.2 23.2 43.2

