

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077646.D
 Acq On : 21 Nov 2023 15:42
 Operator : JC/SY
 Sample : 05416-25RE
 Misc : 3.91G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:41:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

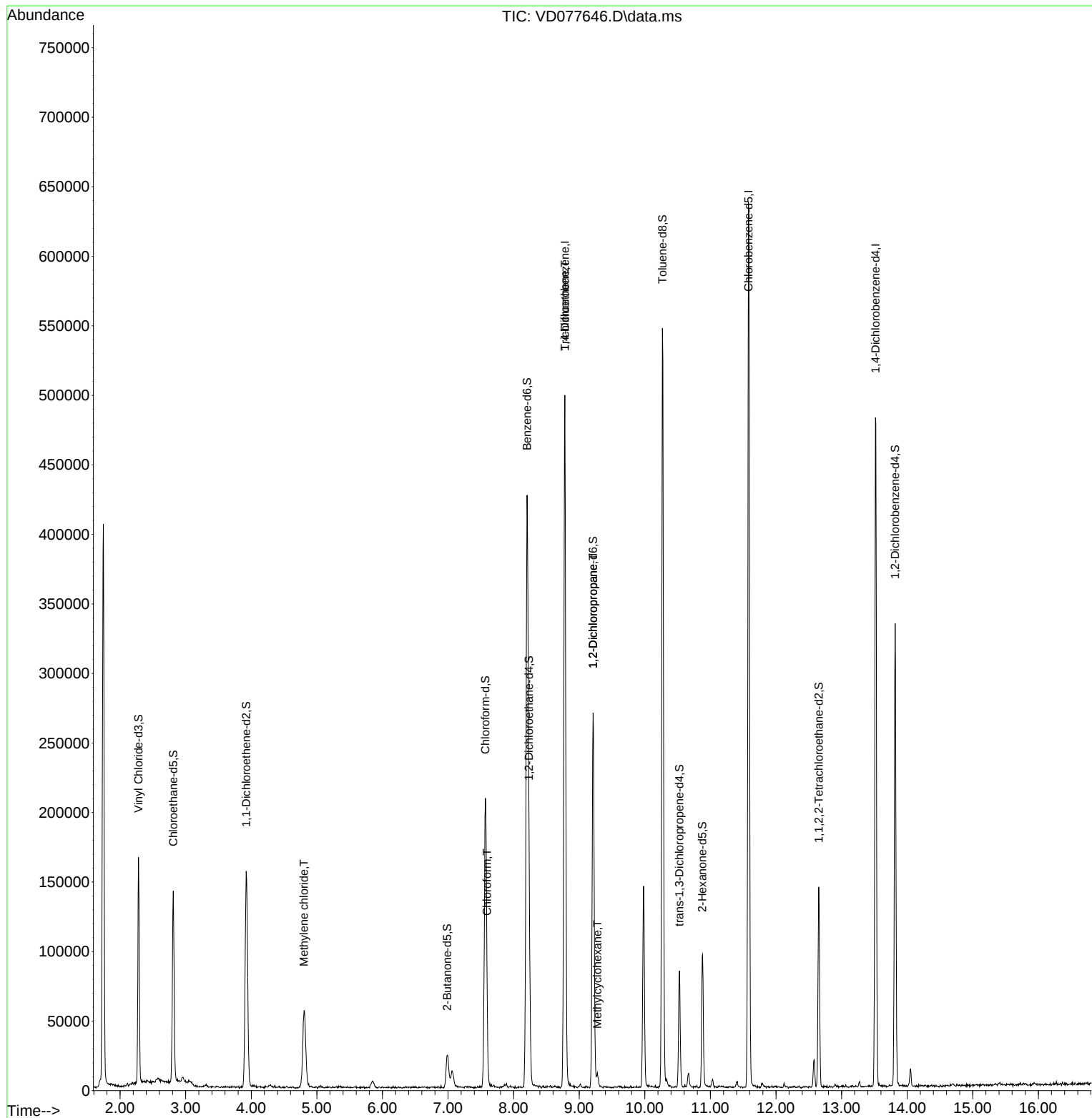
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	406746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	343833	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	125179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	147463	14.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.000%
7) Chloroethane-d5	2.811	69	137671	16.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
11) 1,1-Dichloroethene-d2	3.922	65	48578	15.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.720%
21) 2-Butanone-d5	6.987	46	45076	25.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.320%
24) Chloroform-d	7.569	84	214144	18.225	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.920%
26) 1,2-Dichloroethane-d4	8.234	65	101126	16.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.720%#
32) Benzene-d6	8.205	84	425698	19.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.320%
36) 1,2-Dichloropropane-d6	9.210	67	137265	18.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.520%
41) Toluene-d8	10.269	98	367023	18.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	10.528	79	47120	15.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.120%
47) 2-Hexanone-d5	10.875	63	34412	26.464	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72501	15.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	84500	18.975	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.880%
Target Compounds						
16) Methylene chloride	4.805	84	23798	3.465	ug/L	99
25) Chloroform	7.593	83	3779	0.337	ug/L #	43
34) Trichloroethene	8.781	95	12748	2.158	ug/L #	10
35) Methylcyclohexane	9.275	83	3173	0.298	ug/L #	85
37) 1,2-Dichloropropane	9.210	63	14174	2.138	ug/L #	88

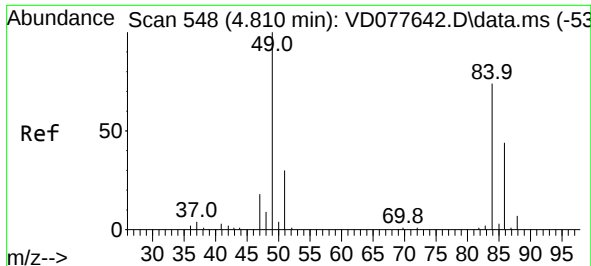
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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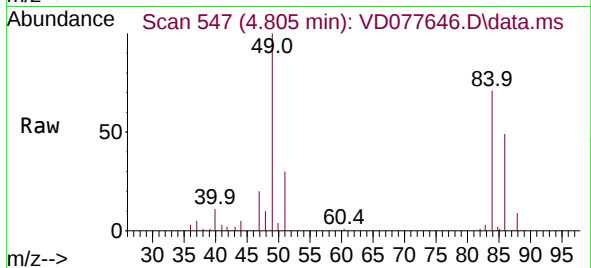
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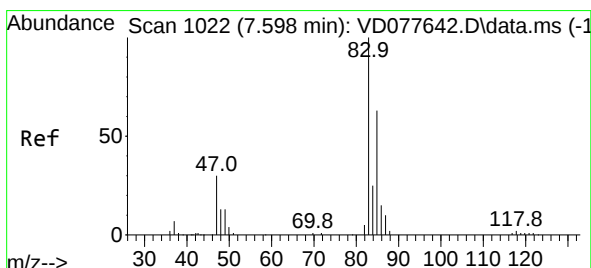
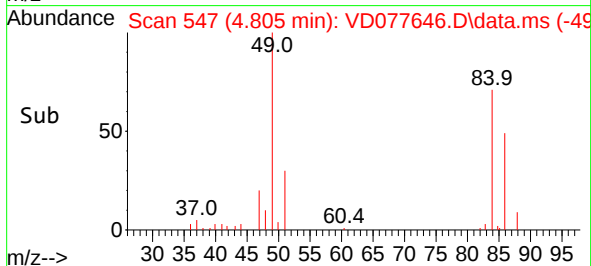
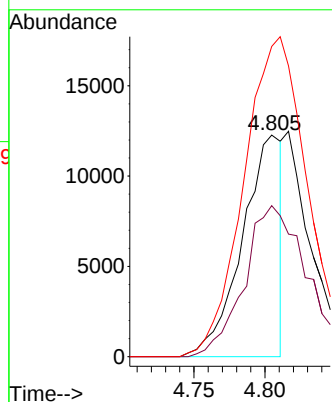
#16
Methylene chloride
Concen: 3.465 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077646.D
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ClientSampleId :



Tgt Ion: 84 Resp: 23798

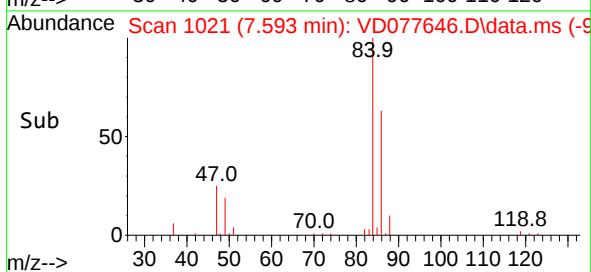
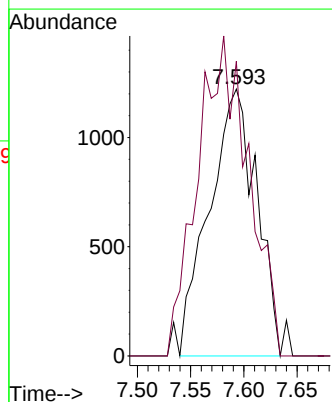
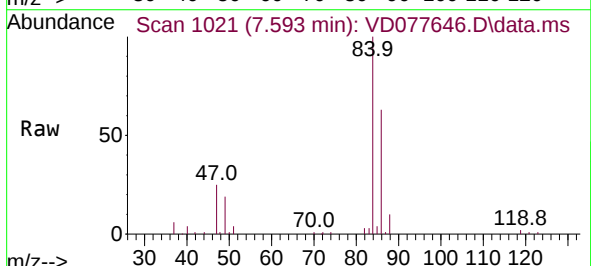
Ion	Ratio	Lower	Upper
84	100		
86	68.2	46.5	86.5
49	140.1	98.3	182.7

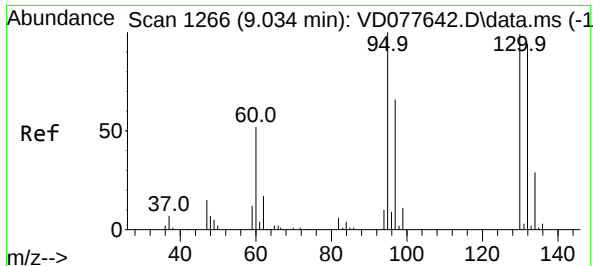


#25
Chloroform
Concen: 0.337 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077646.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 83 Resp: 3779

Ion	Ratio	Lower	Upper
83	100		
85	110.4	45.9	85.3#





#34

Trichloroethene

Concen: 2.158 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.253 min

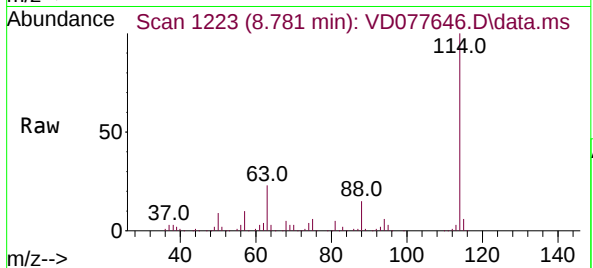
Lab File: VD077646.D

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Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 12748

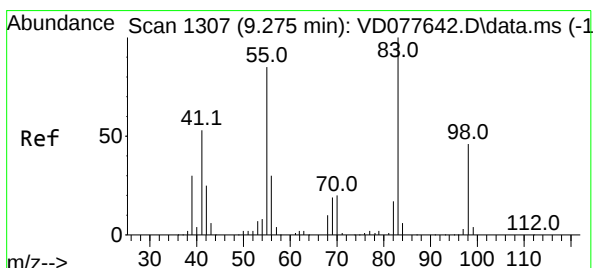
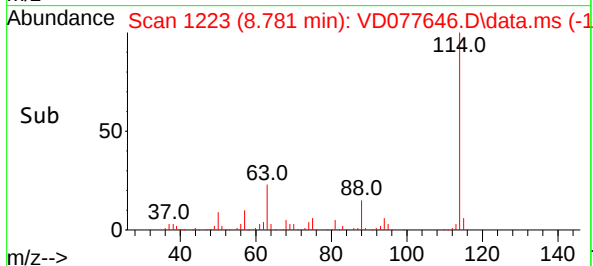
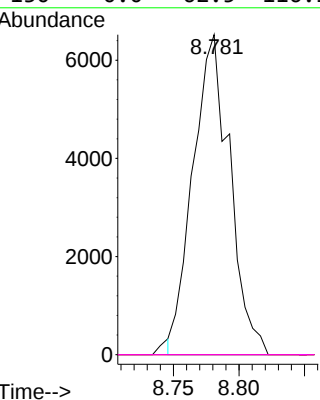
Ion Ratio Lower Upper

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: 0.298 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD077646.D

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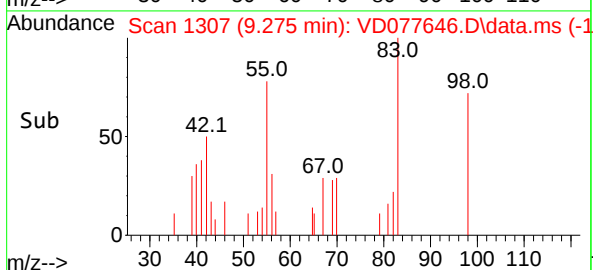
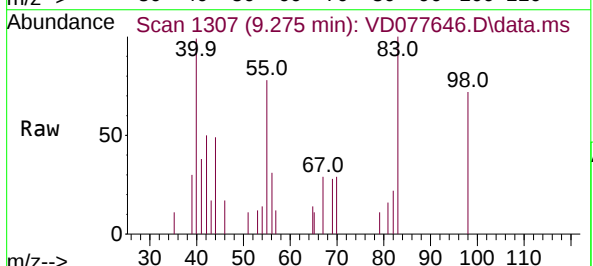
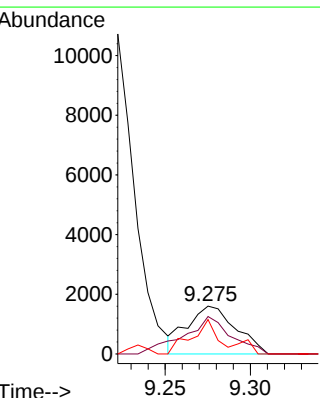
Tgt Ion: 83 Resp: 3173

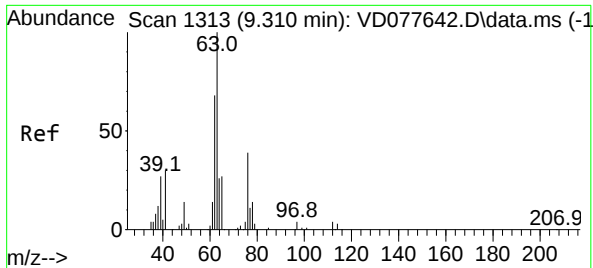
Ion Ratio Lower Upper

83 100

55 76.3 66.5 99.7

98 27.0 37.4 56.2#





#37
 1,2-Dichloropropane
 Concen: 2.138 ug/L
 RT: 9.210 min Scan# 11
 Delta R.T. -0.100 min
 Lab File: VD077646.D
 Acq: 21 Nov 2023 15:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 63 Resp: 14174
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#

