

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077566.D
 Acq On : 14 Nov 2023 16:36
 Operator : JC/SY
 Sample : 05416-06
 Misc : 3.92G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:29:05 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)

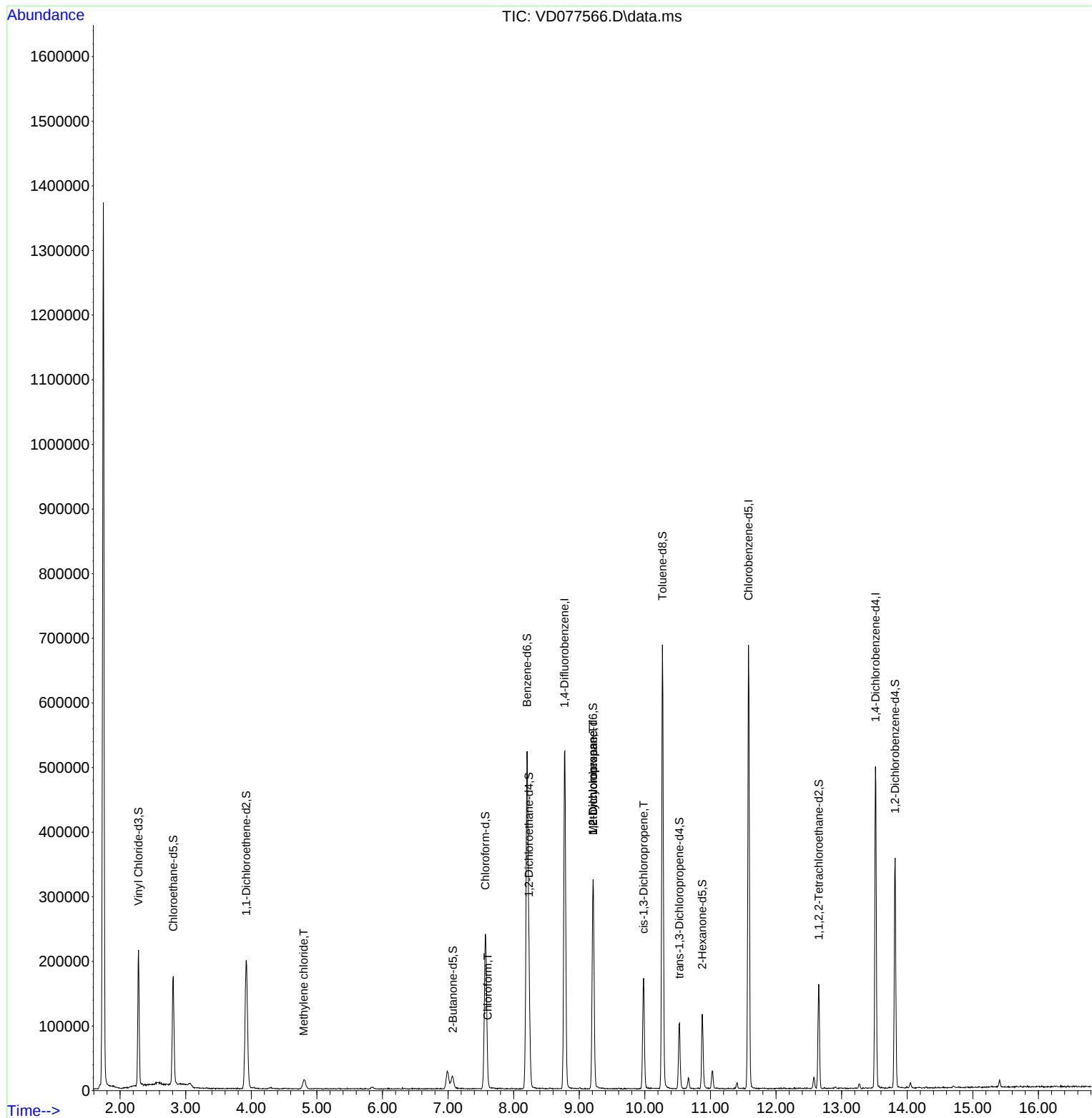
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	440138	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	363519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	125831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	192411	17.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.811	69	167646	19.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.240%
11) 1,1-Dichloroethene-d2	3.922	65	62563	18.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.280%
21) 2-Butanone-d5	7.075	46	1042	0.538	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.080%#
24) Chloroform-d	7.569	84	244871	19.259	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.040%
26) 1,2-Dichloroethane-d4	8.234	65	121930	18.029	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.120%
32) Benzene-d6	8.204	84	516399	21.887	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	9.210	67	165721	21.564	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	10.269	98	446336	20.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.760%
43) trans-1,3-Dichloroprop...	10.528	79	57447	17.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.360%
47) 2-Hexanone-d5	10.875	63	38591	28.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82132	16.130	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	87815	19.617	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.480%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	4782	0.643	ug/L	87
25) Chloroform	7.605	83	3728	0.307	ug/L	80
35) Methylcyclohexane	9.210	83	34701	3.078	ug/L #	17
37) 1,2-Dichloropropane	9.210	63	18485	2.638	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	4776	0.443	ug/L #	74

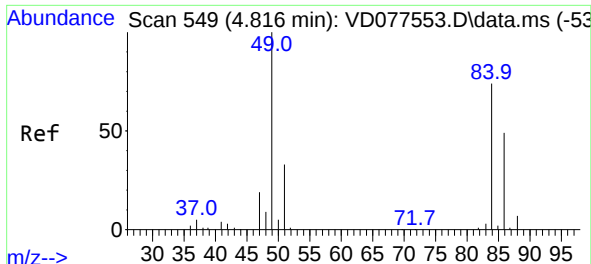
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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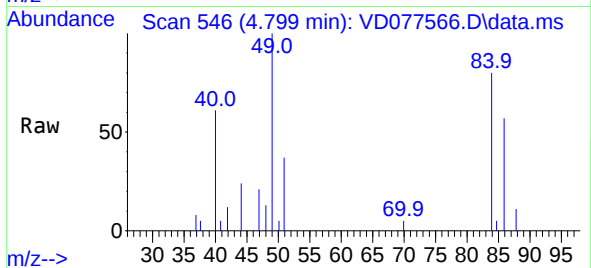
Quant Time: Nov 16 02:29:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
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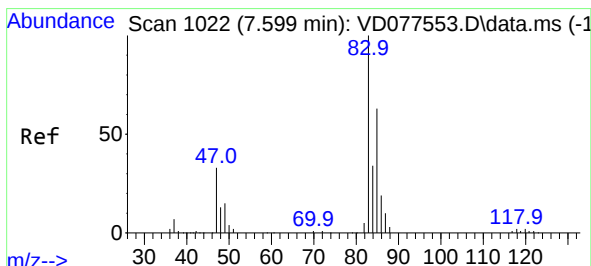
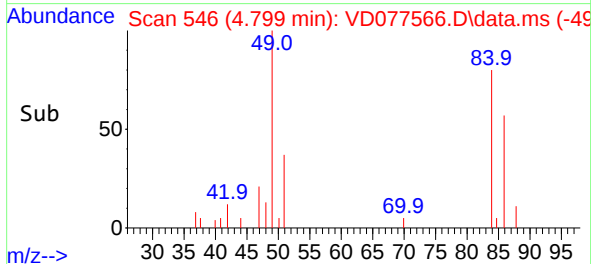
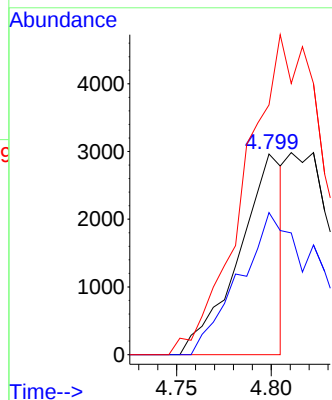
#16
Methylene chloride
Concen: 0.643 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077566.D
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Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4782

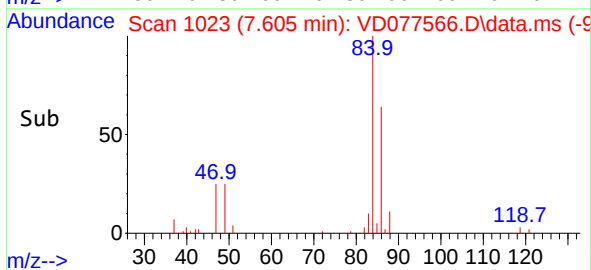
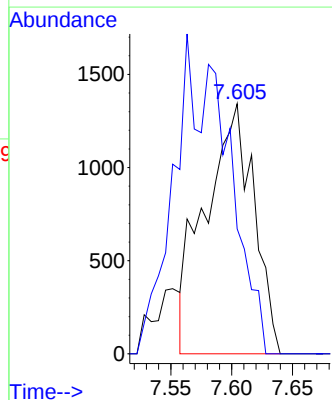
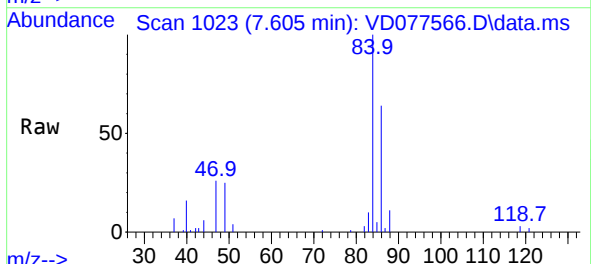
Ion	Ratio	Lower	Upper
84	100		
86	66.5	46.5	86.5
49	116.8	98.3	182.7

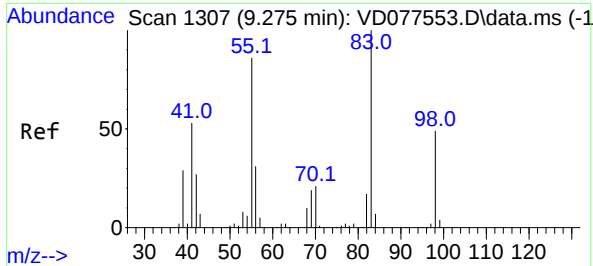


#25
Chloroform
Concen: 0.307 ug/L
RT: 7.605 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD077566.D
Acq: 14 Nov 2023 16:36

Tgt Ion: 83 Resp: 3728

Ion	Ratio	Lower	Upper
83	100		
85	50.0	45.9	85.3

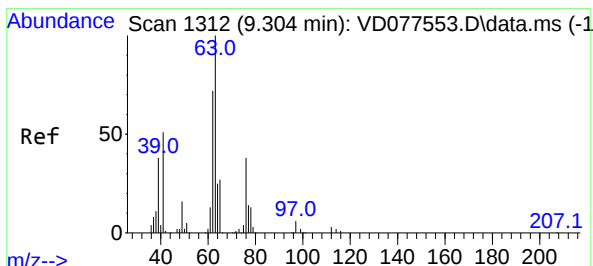
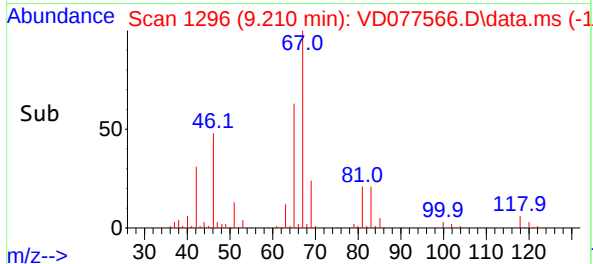
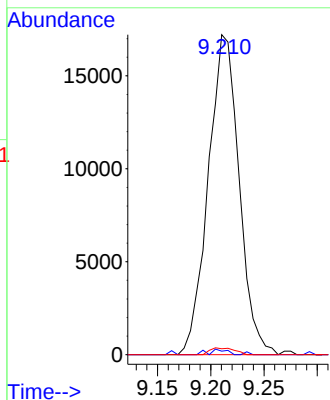
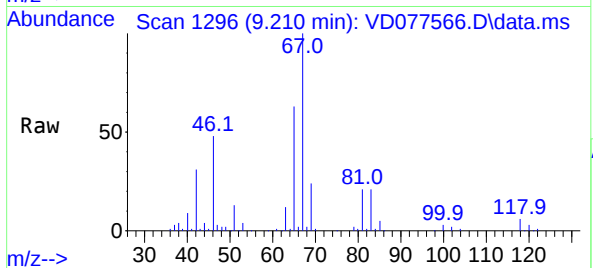




#35
Methylcyclohexane
Concen: 3.078 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077566.D
Acq: 14 Nov 2023 16:36

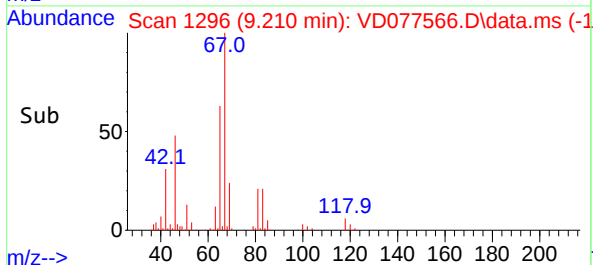
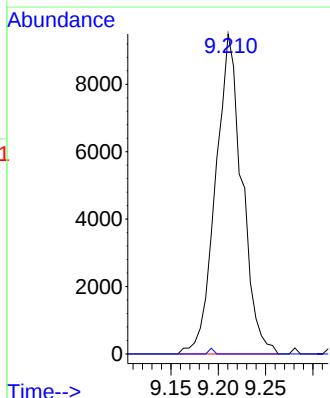
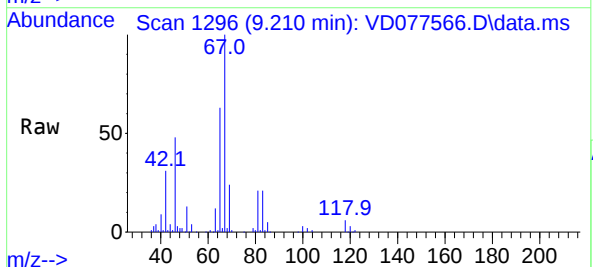
Instrument :
MSVOA_D
ClientSampleId :

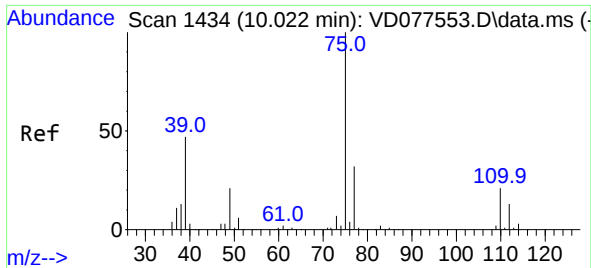
Tgt Ion:	83	Resp:	34701
Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.5	99.7#
98	1.7	37.4	56.2#



#37
1,2-Dichloropropane
Concen: 2.638 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077566.D
Acq: 14 Nov 2023 16:36

Tgt Ion:	63	Resp:	18485
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39
cis-1,3-Dichloropropene
Concen: 0.443 ug/L
RT: 9.981 min Scan# 14
Delta R.T. -0.035 min
Lab File: VD077566.D
Acq: 14 Nov 2023 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4776
Ion Ratio Lower Upper
75 100
77 46.5 22.5 41.9#

