

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077666.D
 Acq On : 22 Nov 2023 13:13
 Operator : JC/SY
 Sample : 05459-02
 Misc : 4.29G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:31:55 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)

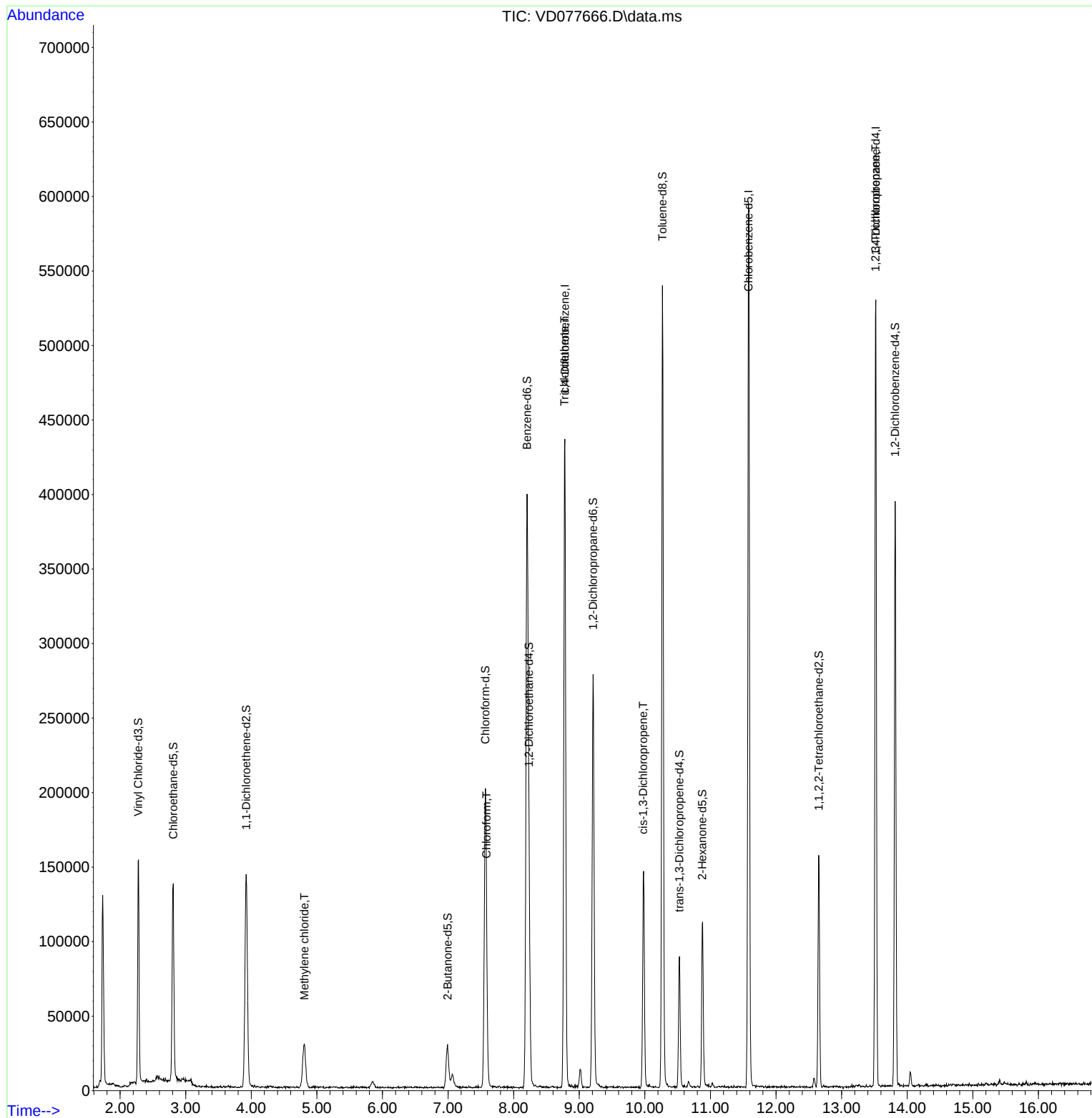
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	367187	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	325679	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140830	15.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.320%
7) Chloroethane-d5	2.810	69	135413	18.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	3.922	65	43424	15.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.120%
21) 2-Butanone-d5	6.993	46	50005	30.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.840%
24) Chloroform-d	7.569	84	201941	19.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.160%
26) 1,2-Dichloroethane-d4	8.234	65	104253	18.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.920%
32) Benzene-d6	8.204	84	405886	19.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	9.210	67	135070	19.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.480%
41) Toluene-d8	10.269	98	358073	18.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	10.528	79	49259	16.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.360%
47) 2-Hexanone-d5	10.875	63	38678	31.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78181	17.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	100790	20.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.810	84	21327	3.440	ug/L	92
25) Chloroform	7.587	83	3446	0.340	ug/L	80
34) Trichloroethene	8.775	95	10703	1.913	ug/L #	10
39) cis-1,3-Dichloropropene	9.975	75	4163	0.431	ug/L	94
61) 1,2,3-Trichloropropane	13.516	75	19615	6.761	ug/L #	66

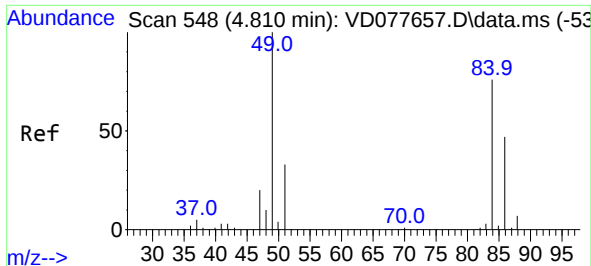
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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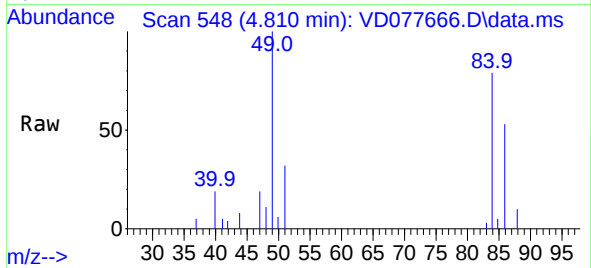
Quant Time: Nov 23 00:31:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
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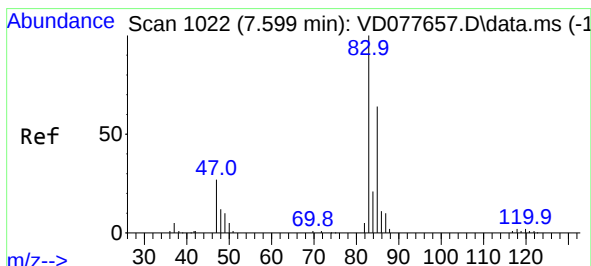
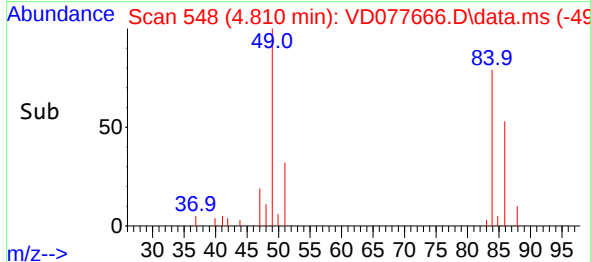
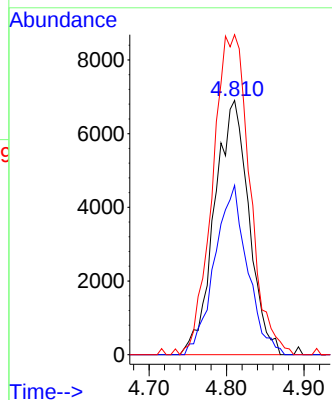
#16
Methylene chloride
Concen: 3.440 ug/L
RT: 4.810 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077666.D
Acq: 22 Nov 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 21327

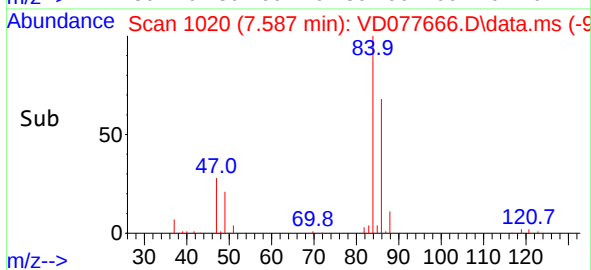
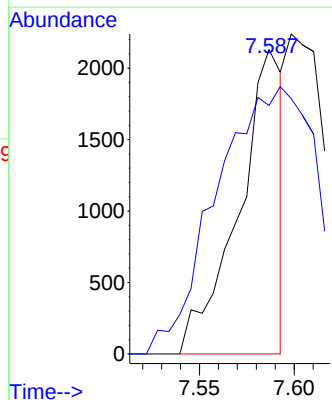
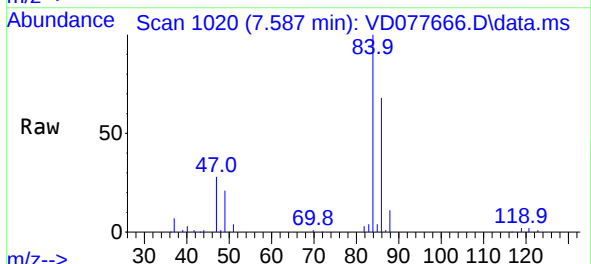
Ion	Ratio	Lower	Upper
84	100		
86	66.6	46.5	86.5
49	125.9	98.3	182.7

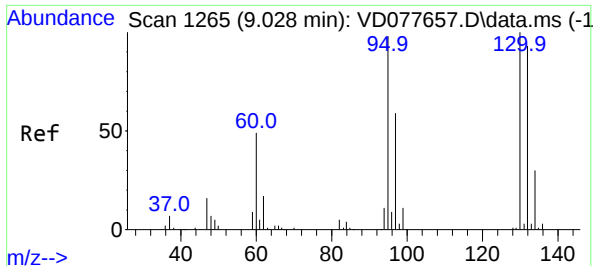


#25
Chloroform
Concen: 0.340 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD077666.D
Acq: 22 Nov 2023 13:13

Tgt Ion: 83 Resp: 3446

Ion	Ratio	Lower	Upper
83	100		
85	81.7	45.9	85.3



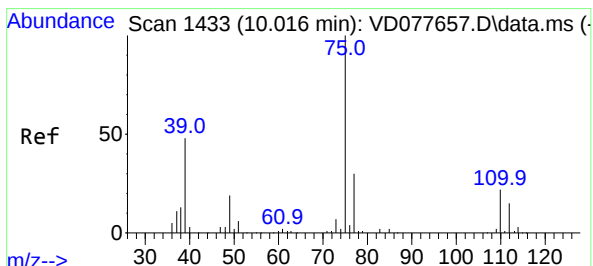
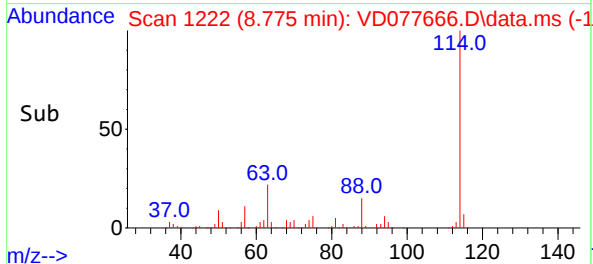
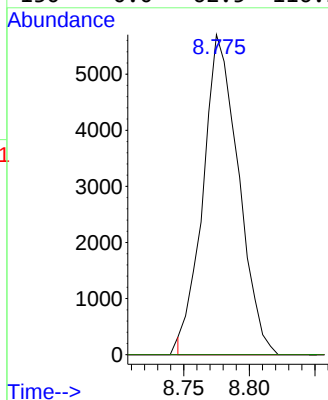
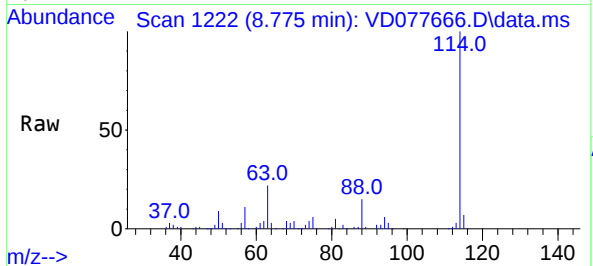


#34
Trichloroethene
Concen: 1.913 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.259 min
Lab File: VD077666.D
Acq: 22 Nov 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 10703

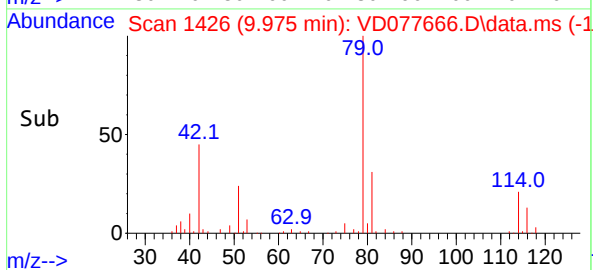
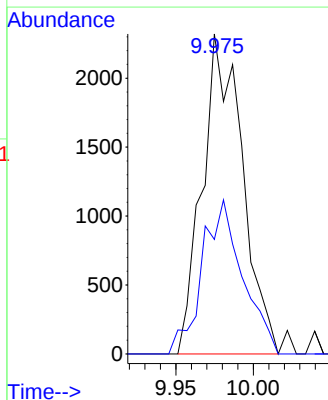
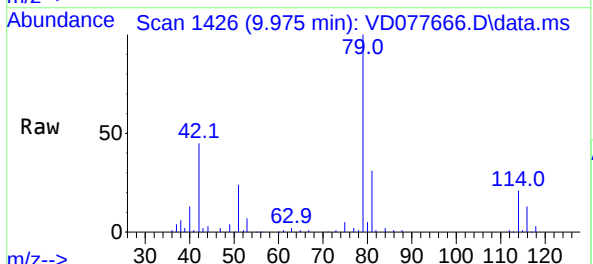
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.4	78.6#
132	0.0	59.4	110.2#
130	0.0	62.5	116.1#

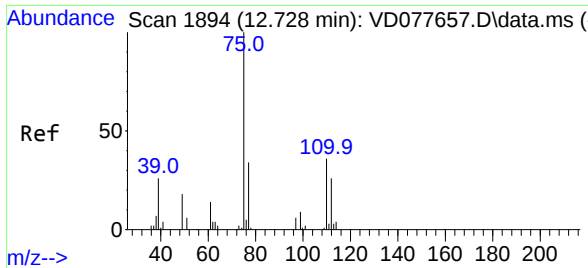


#39
cis-1,3-Dichloropropene
Concen: 0.431 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.047 min
Lab File: VD077666.D
Acq: 22 Nov 2023 13:13

Tgt Ion: 75 Resp: 4163

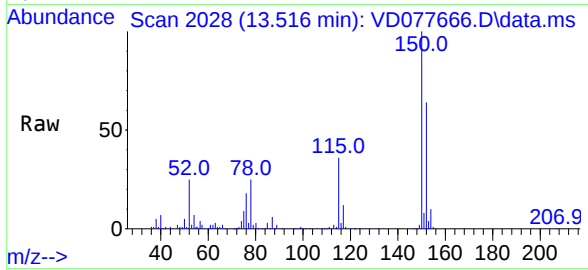
Ion	Ratio	Lower	Upper
75	100		
77	35.8	22.5	41.9





#61
1,2,3-Trichloropropane
Concen: 6.761 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD077666.D
Acq: 22 Nov 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 19615

Ion	Ratio	Lower	Upper
75	100		
77	29.3	25.6	38.4
110	1.8	29.6	44.4#

