

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076968.D
 Acq On : 10 Aug 2023 17:53
 Operator : JC/SY
 Sample : 03965-12
 Misc : 5.40G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

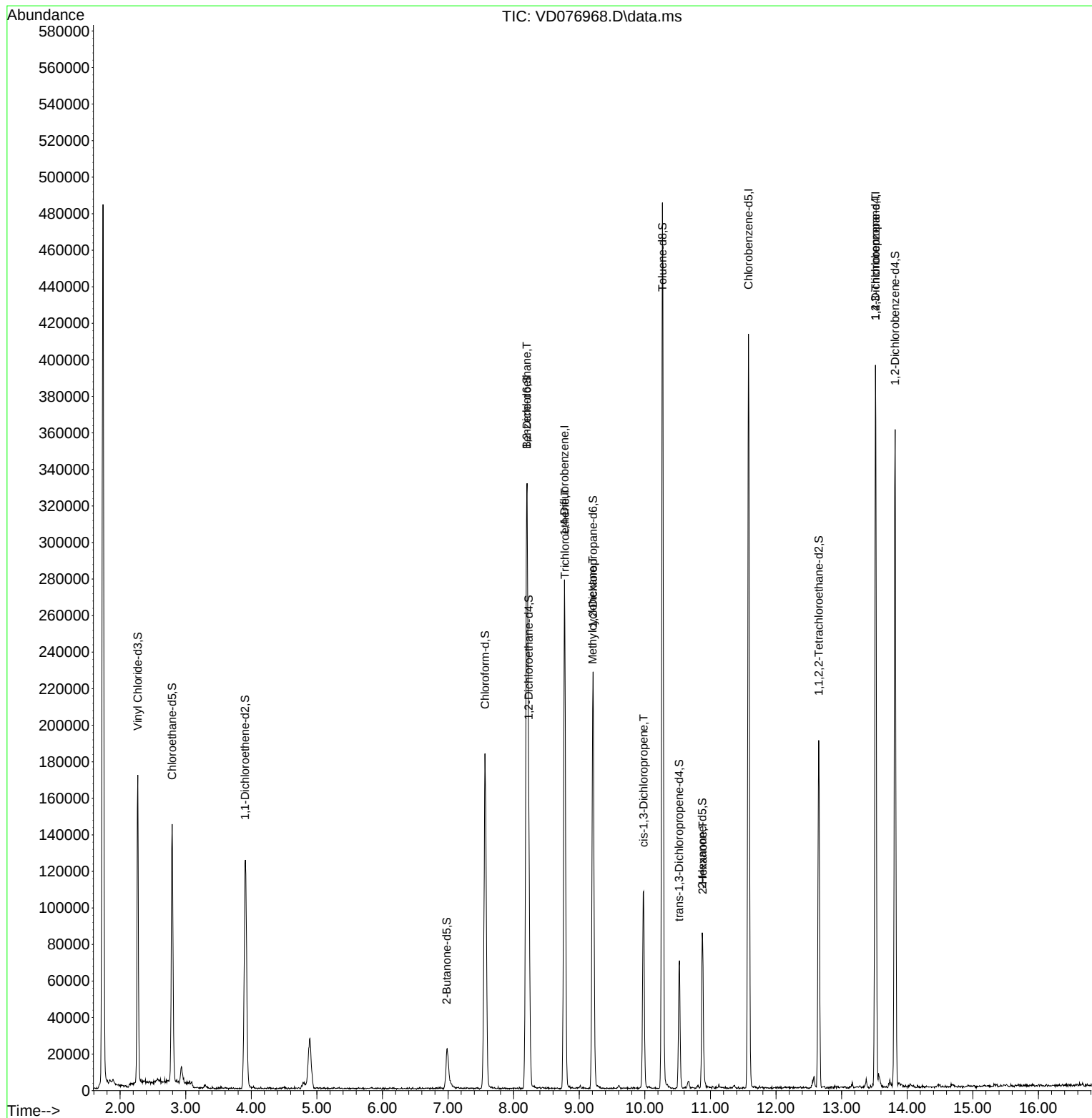
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	255718	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	253511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	106149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	153172	21.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
7) Chloroethane-d5	2.793	69	148256	22.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	3.905	65	36172	21.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.840%
21) 2-Butanone-d5	6.981	46	37270	33.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.020%
24) Chloroform-d	7.563	84	187334	22.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.228	65	94990	22.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.199	84	367890	23.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.210	67	115245	23.517	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	10.269	98	336723	23.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	10.522	79	39632	17.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.560%
47) 2-Hexanone-d5	10.875	63	29909	31.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96086	20.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	97897	25.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.920%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.199	62	1967	0.403	ug/L #	71
34) Trichloroethene	8.781	95	7323	1.692	ug/L #	4
35) Methylcyclohexane	9.204	83	27148	3.847	ug/L #	21
39) cis-1,3-Dichloropropene	9.981	75	2344	0.344	ug/L #	60
48) 2-Hexanone	10.881	43	4166	2.037	ug/L #	62
61) 1,2,3-Trichloropropane	13.516	75	12257	4.947	ug/L #	66

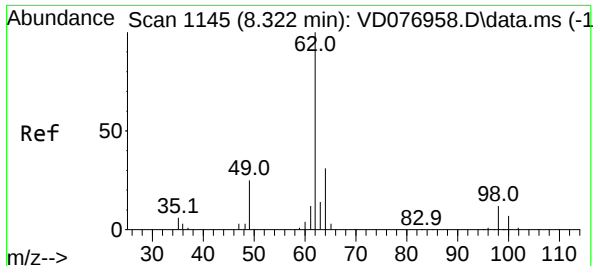
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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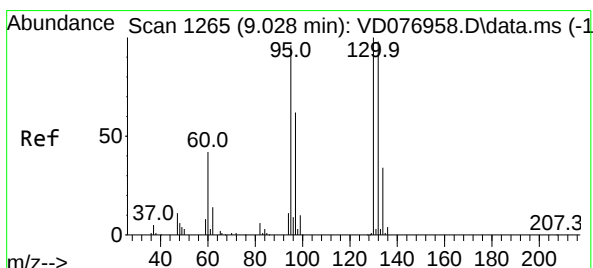
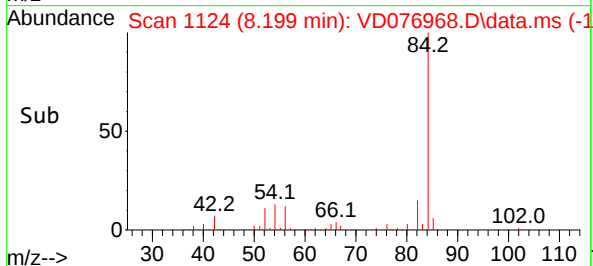
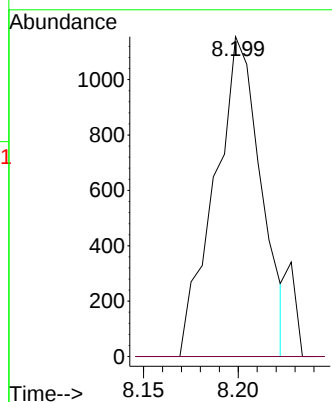
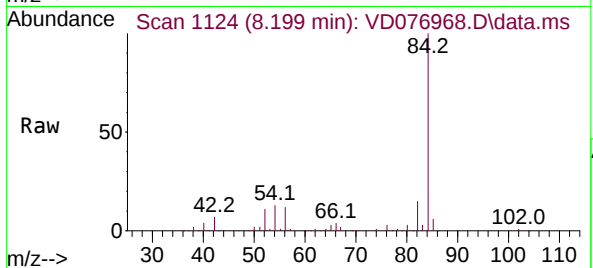




#27
1,2-Dichloroethane
Concen: 0.403 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.124 min
Lab File: VD076968.D
Acq: 10 Aug 2023 17:53

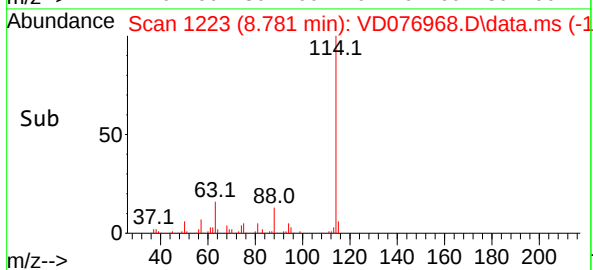
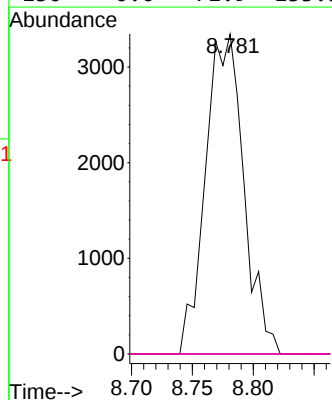
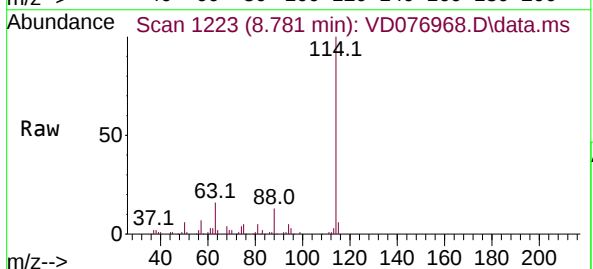
Instrument :
MSVOA_D
ClientSampleId :

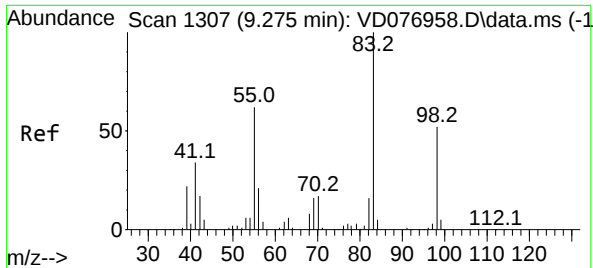
Tgt Ion: 62 Resp: 1967
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#34
Trichloroethene
Concen: 1.692 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076968.D
Acq: 10 Aug 2023 17:53

Tgt Ion: 95 Resp: 7323
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#





#35

Methylcyclohexane

Concen: 3.847 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.071 min

Lab File: VD076968.D

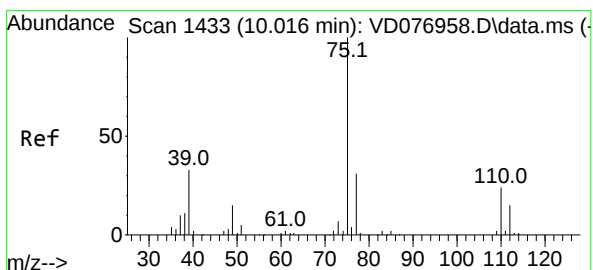
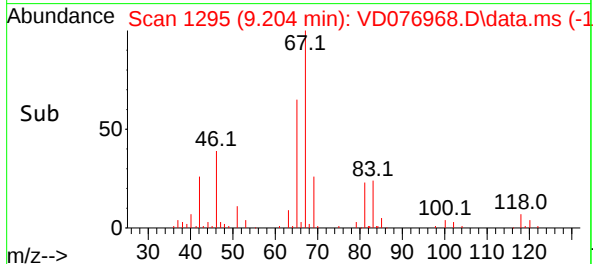
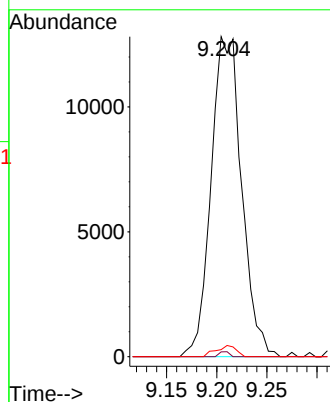
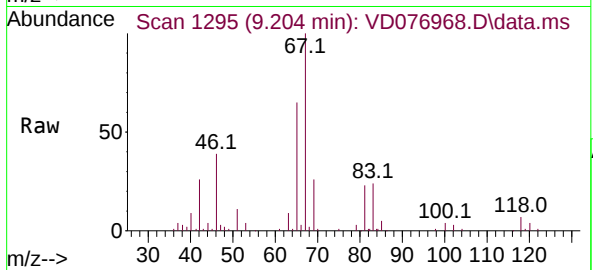
Acq: 10 Aug 2023 17:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 27148
Ion Ratio	Lower Upper
83 100	
55 0.5	59.8 89.6#
98 2.3	37.8 56.6#



#39

cis-1,3-Dichloropropene

Concen: 0.344 ug/L

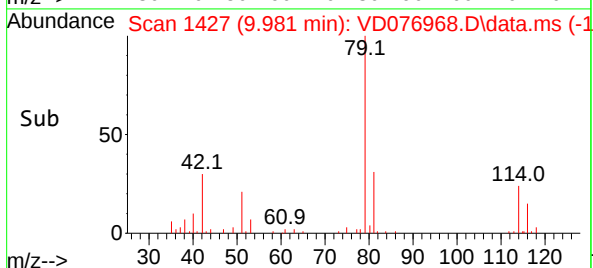
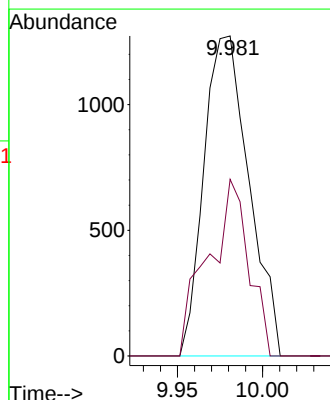
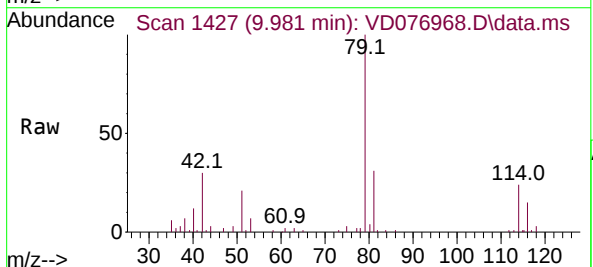
RT: 9.981 min Scan# 1427

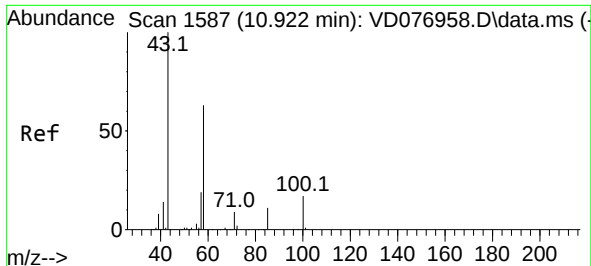
Delta R.T. -0.035 min

Lab File: VD076968.D

Acq: 10 Aug 2023 17:53

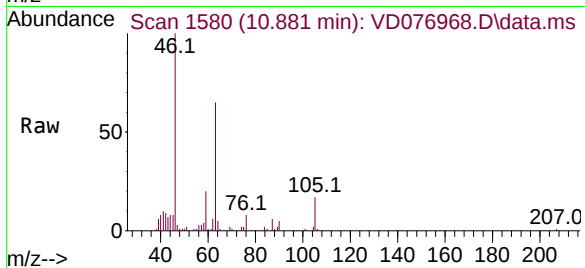
Tgt Ion: 75	Resp: 2344
Ion Ratio	Lower Upper
75 100	
77 55.2	22.7 42.3#



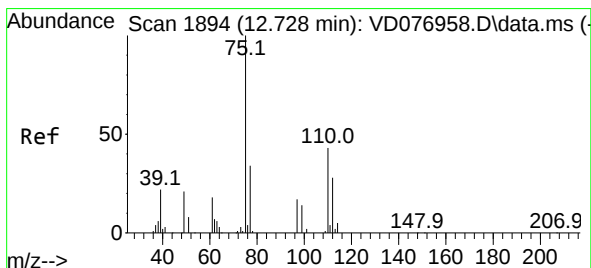
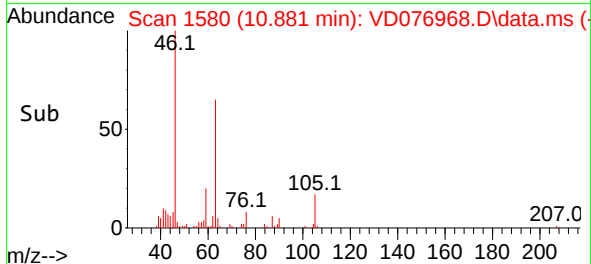
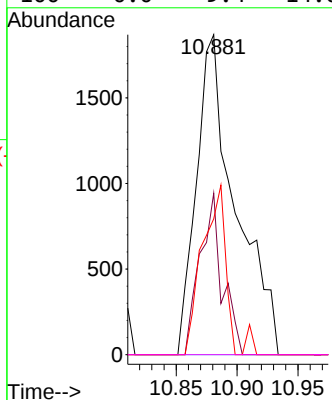


#48
2-Hexanone
Concen: 2.037 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD076968.D
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Tgt Ion: 43 Resp: 4166
Ion Ratio Lower Upper
43 100
58 23.8 42.9 64.3#
57 31.2 13.7 20.5#
100 0.0 9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 4.947 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076968.D
Acq: 10 Aug 2023 17:53

Tgt Ion: 75 Resp: 12257
Ion Ratio Lower Upper
75 100
77 35.9 27.2 40.8
110 2.3 31.8 47.6#

