

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076088.D
 Acq On : 11 May 2023 19:01
 Operator : KP/SY
 Sample : 02591-22
 Misc : 4.95G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREJ7

Quant Time: May 12 03:06:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

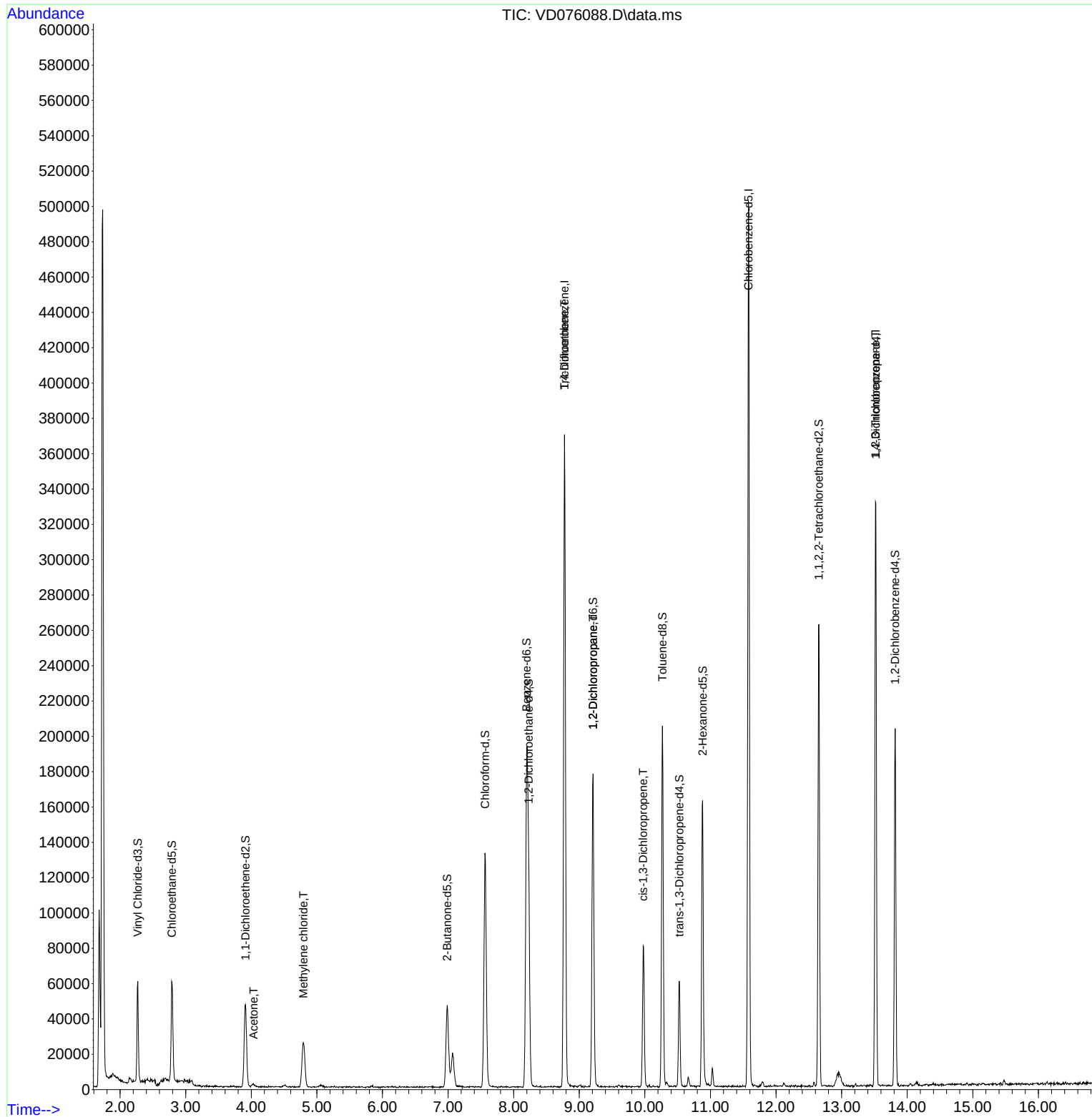
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	355000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	318377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.521	152	100455	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	53540	9.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.440%
7) Chloroethane-d5	2.787	69	63819	12.800	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.200%
11) 1,1-Dichloroethene-d2	3.910	65	13184	9.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.560%#
21) 2-Butanone-d5	6.987	46	77470	105.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	211.900%#
24) Chloroform-d	7.563	84	141645	19.045	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	8.228	65	82025	25.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.360%
32) Benzene-d6	8.198	84	213753	14.892	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	59.560%
36) 1,2-Dichloropropane-d6	9.210	67	92866	20.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.000%
41) Toluene-d8	10.269	98	152028	11.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	47.560%
43) trans-1,3-Dichloroprop...	10.528	79	36010	21.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.760%
47) 2-Hexanone-d5	10.880	63	60453	93.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.680%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	136622	35.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.480%#
66) 1,2-Dichlorobenzene-d4	13.816	152	61473	21.422	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.680%
Target Compounds						Qvalue
13) Acetone	4.034	43	1955	3.001	ug/L	84
16) Methylene chloride	4.793	84	23126	4.006	ug/L	85
34) Trichloroethene	8.775	95	8643	1.892	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	9243	2.047	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2216	0.341	ug/L #	61
61) 1,2,3-Trichloropropane	13.516	75	12160	7.526	ug/L #	60

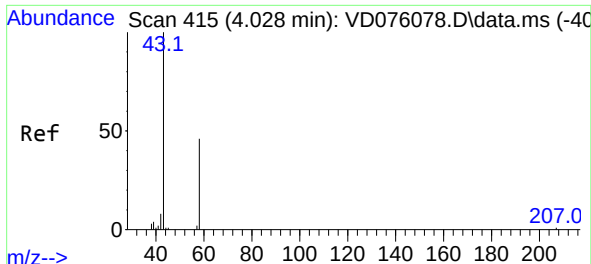
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

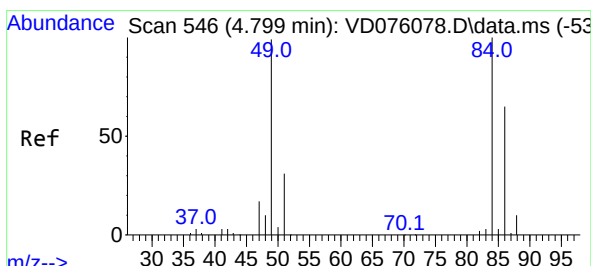
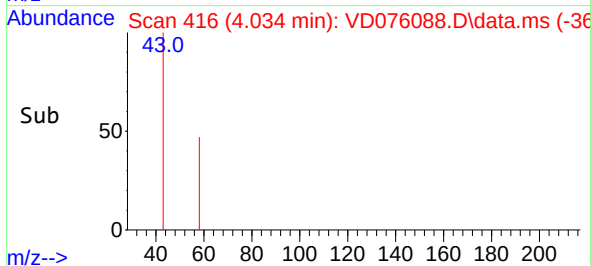
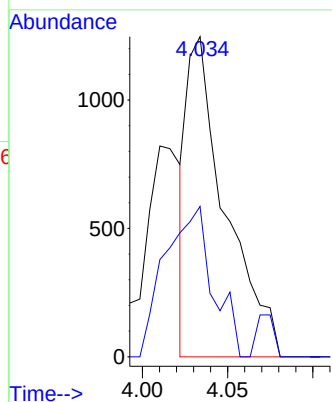
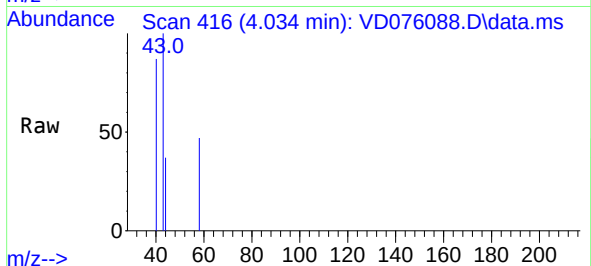




#13
Acetone
Concen: 3.001 ug/L
RT: 4.034 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076088.D
Acq: 11 May 2023 19:01

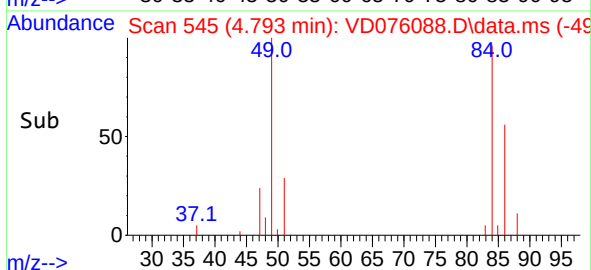
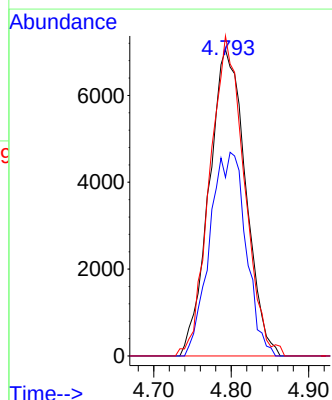
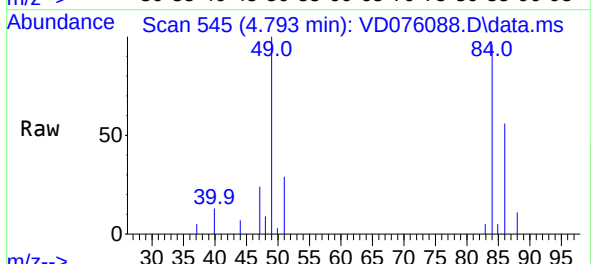
Instrument :
MSVOA_D
ClientSampleId :
JREJ7

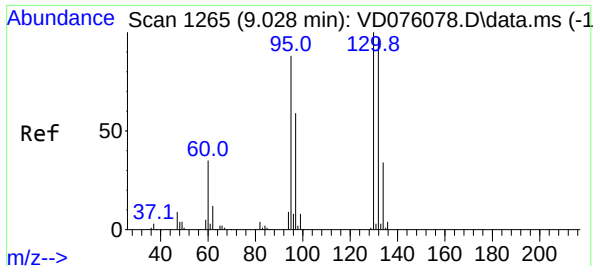
Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
58 54.0 0.0 87.4



#16
Methylene chloride
Concen: 4.006 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076088.D
Acq: 11 May 2023 19:01

Tgt Ion: 84 Resp: 23126
Ion Ratio Lower Upper
84 100
86 58.3 45.8 85.2
49 104.4 60.8 112.8





#34

Trichloroethene

Concen: 1.892 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD076088.D

Acq: 11 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

JREJ7

Tgt Ion: 95 Resp: 8643

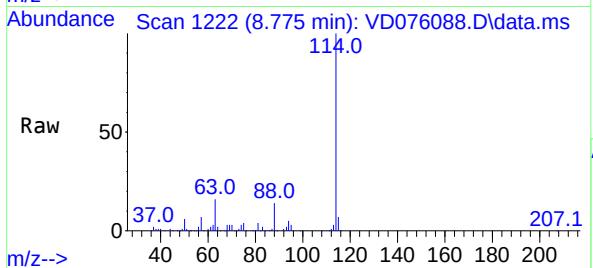
Ion Ratio Lower Upper

95 100

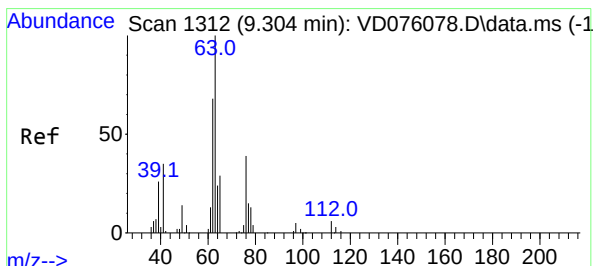
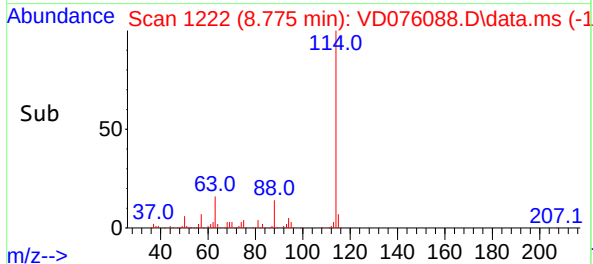
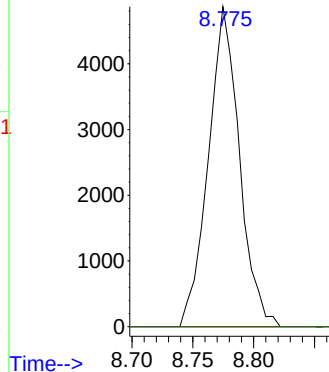
97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#



Abundance



#37

1,2-Dichloropropane

Concen: 2.047 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076088.D

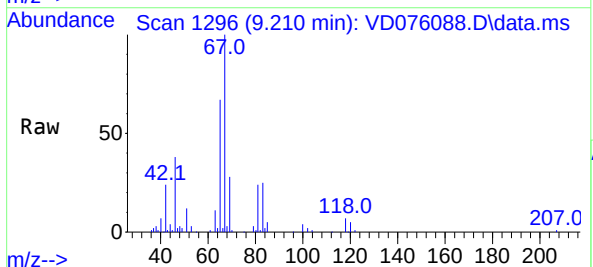
Acq: 11 May 2023 19:01

Tgt Ion: 63 Resp: 9243

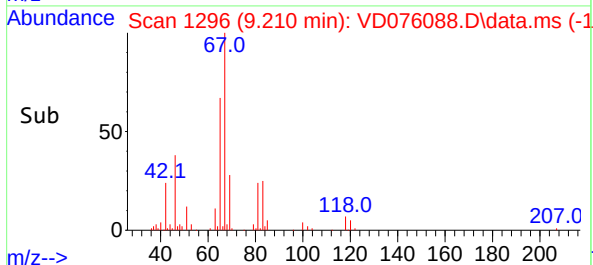
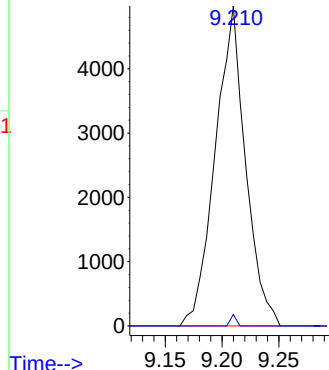
Ion Ratio Lower Upper

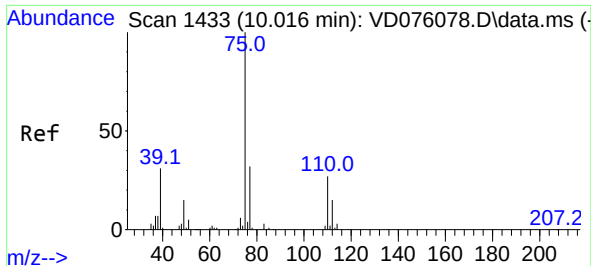
63 100

112 0.0 4.0 6.0#



Abundance

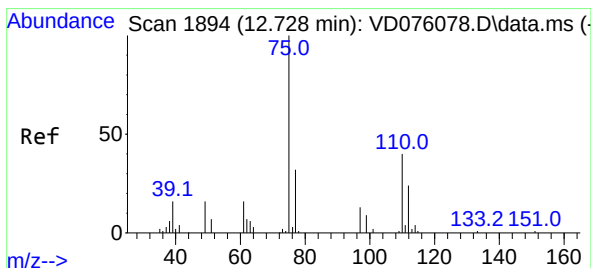
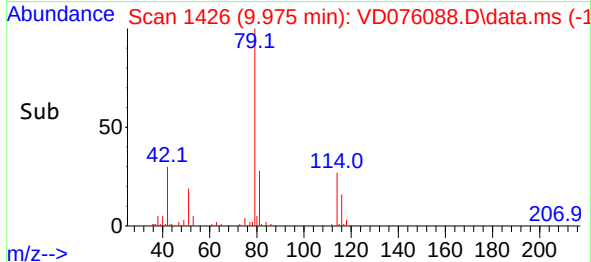
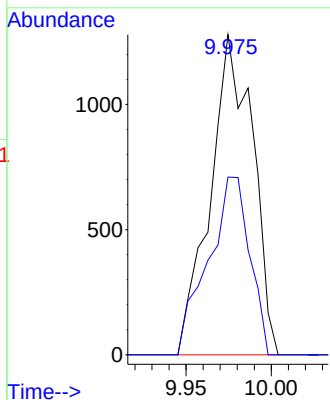
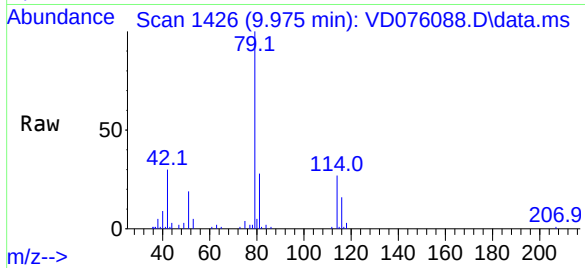




#39
cis-1,3-Dichloropropene
Concen: 0.341 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.041 min
Lab File: VD076088.D
Acq: 11 May 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
JREJ7

Tgt Ion: 75 Resp: 2216
Ion Ratio Lower Upper
75 100
77 55.5 23.4 43.6#



#61
1,2,3-Trichloropropane
Concen: 7.526 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076088.D
Acq: 11 May 2023 19:01

Tgt Ion: 75 Resp: 12160
Ion Ratio Lower Upper
75 100
77 28.5 26.6 39.8
110 1.0 33.5 50.3#

