

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076086.D
 Acq On : 11 May 2023 18:01
 Operator : KP/SY
 Sample : 02591-32
 Misc : 5.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF1

Quant Time: May 12 03:05:49 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)

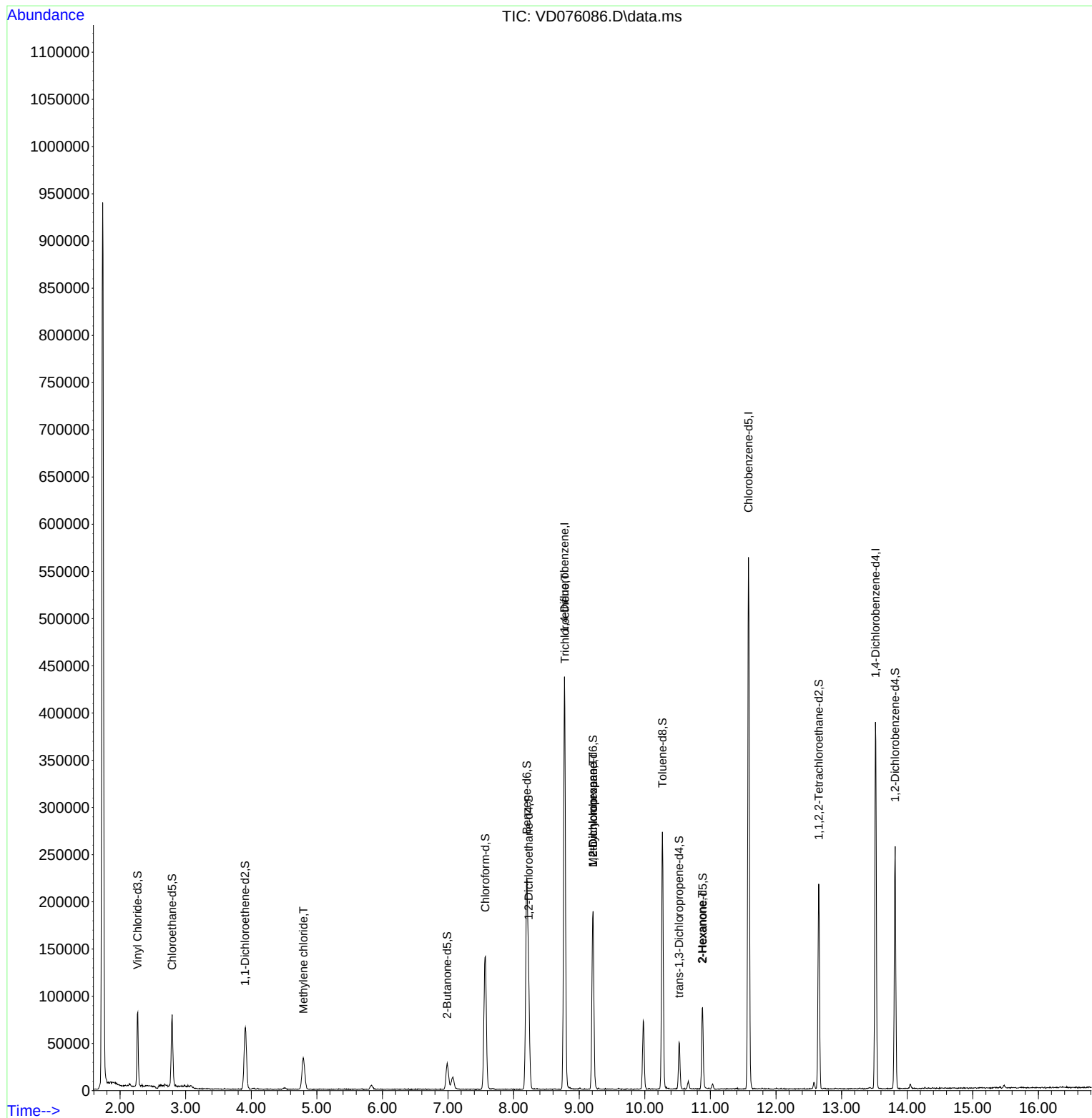
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	416469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	358071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	118206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	73723	11.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.280%
7) Chloroethane-d5	2.793	69	79548	13.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.400%
11) 1,1-Dichloroethene-d2	3.905	65	18592	11.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.360%
21) 2-Butanone-d5	6.987	46	46161	53.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.620%
24) Chloroform-d	7.569	84	161335	18.491	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.960%
26) 1,2-Dichloroethane-d4	8.228	65	75002	19.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.240%
32) Benzene-d6	8.199	84	254787	15.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.120%
36) 1,2-Dichloropropane-d6	9.210	67	101033	20.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.240%
41) Toluene-d8	10.269	98	202361	14.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.280%
43) trans-1,3-Dichloroprop...	10.522	79	29447	15.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.080%
47) 2-Hexanone-d5	10.881	63	32666	44.844	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111650	26.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	73790	21.852	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	28968	4.278	ug/L	92
34) Trichloroethene	8.781	95	10371	2.018	ug/L #	2
35) Methylcyclohexane	9.210	83	24161	3.103	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	10006	1.971	ug/L #	85
48) 2-Hexanone	10.875	43	3835	2.582	ug/L #	52

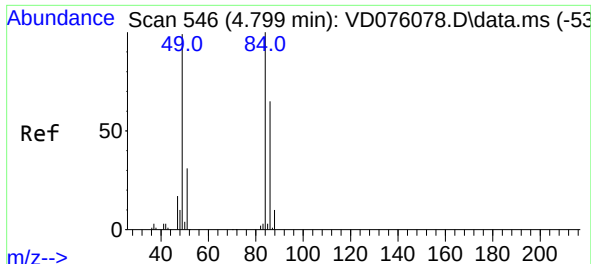
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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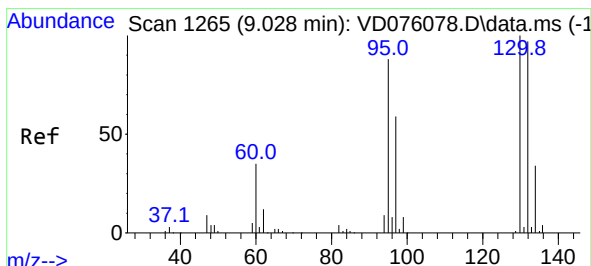
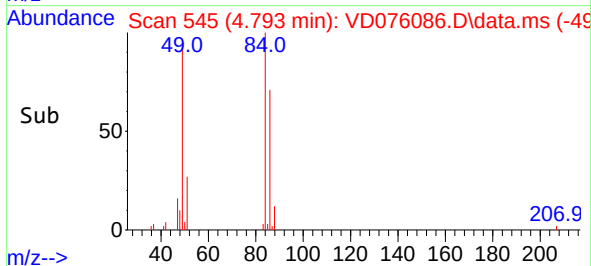
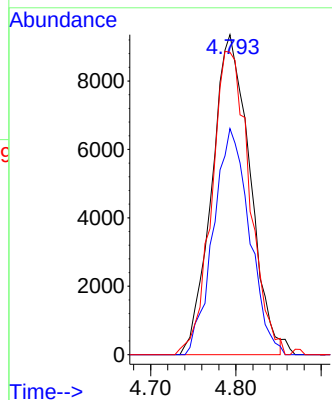
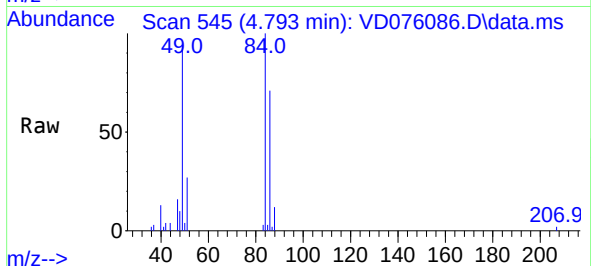




#16
Methylene chloride
Concen: 4.278 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076086.D
Acq: 11 May 2023 18:01

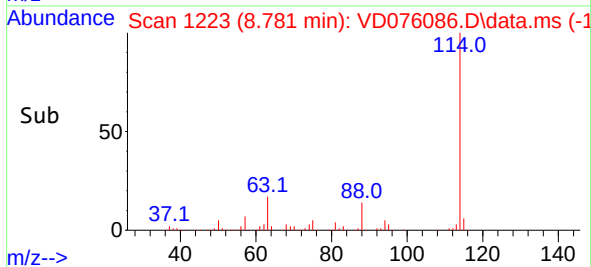
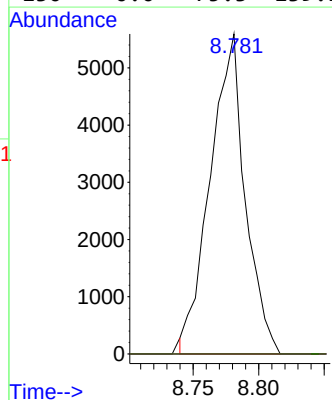
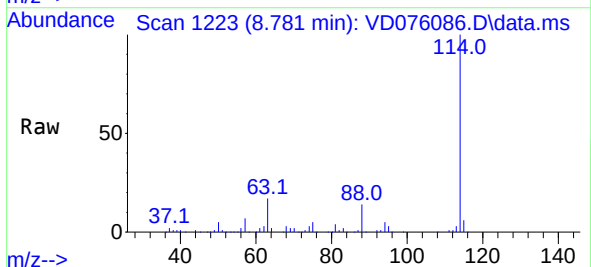
Instrument :
MSVOA_D
ClientSampleId :
JREF1

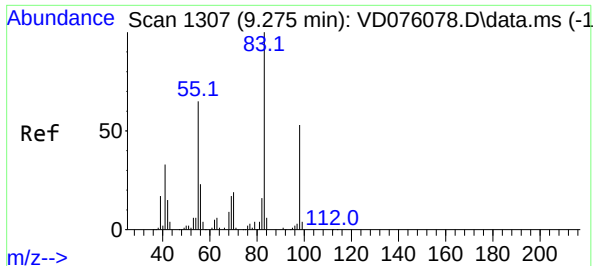
Tgt Ion: 84 Resp: 28968
Ion Ratio Lower Upper
84 100
86 70.7 45.8 85.2
49 94.5 60.8 112.8



#34
Trichloroethene
Concen: 2.018 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076086.D
Acq: 11 May 2023 18:01

Tgt Ion: 95 Resp: 10371
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#





#35

Methylcyclohexane

Concen: 3.103 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min

Lab File: VD076086.D

Acq: 11 May 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

JREF1

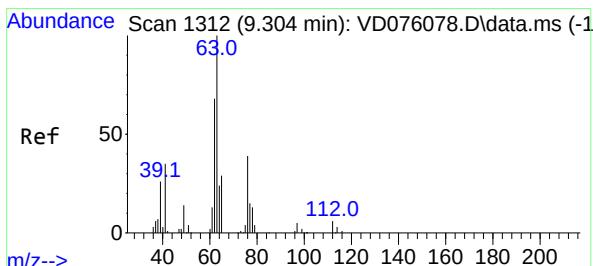
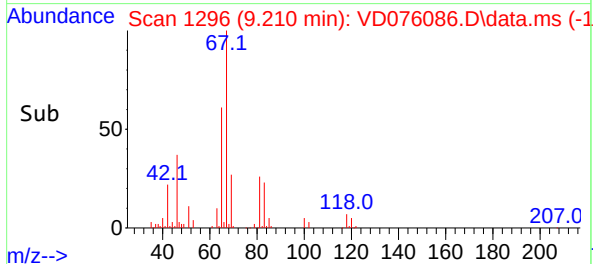
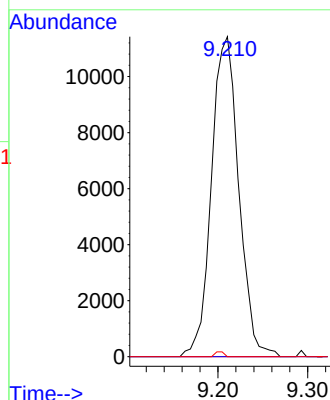
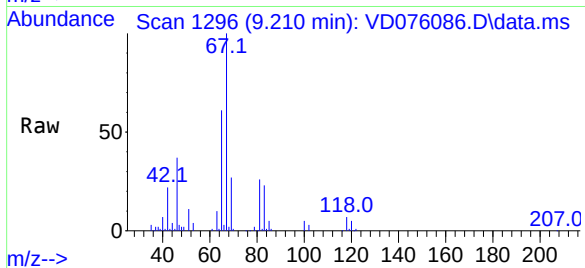
Tgt Ion: 83 Resp: 24161

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.5 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 1.971 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076086.D

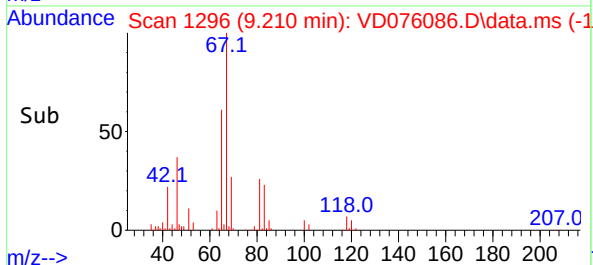
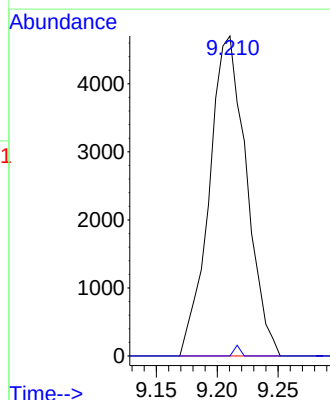
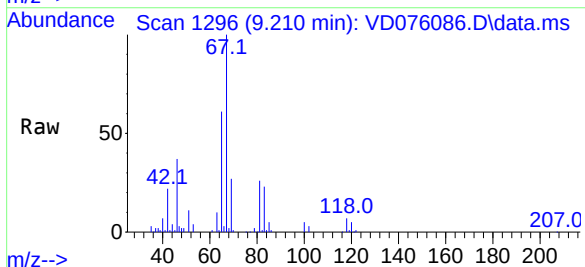
Acq: 11 May 2023 18:01

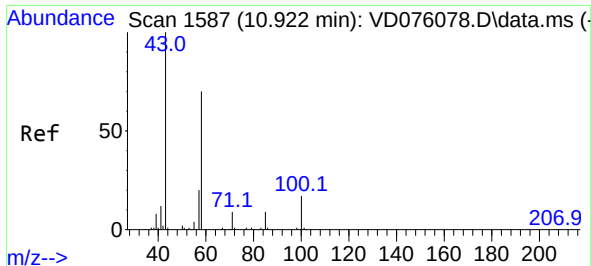
Tgt Ion: 63 Resp: 10006

Ion Ratio Lower Upper

63 100

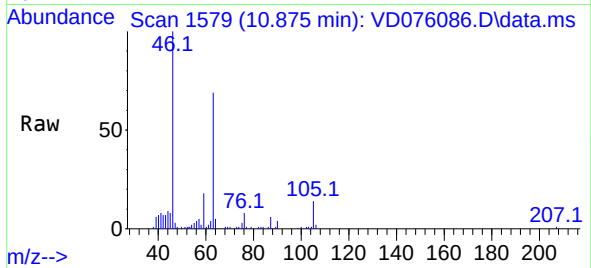
112 0.0 4.0 6.0#





#48
2-Hexanone
Concen: 2.582 ug/L
RT: 10.875 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD076086.D
Acq: 11 May 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
JREF1



Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
58 28.7 59.7 89.5#
57 42.3 17.9 26.9#
100 4.3 15.8 23.6#

