

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076095.D
 Acq On : 11 May 2023 22:32
 Operator : KP/SY
 Sample : 02591-34
 Misc : 5.41G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF3

Quant Time: May 12 03:06:53 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)

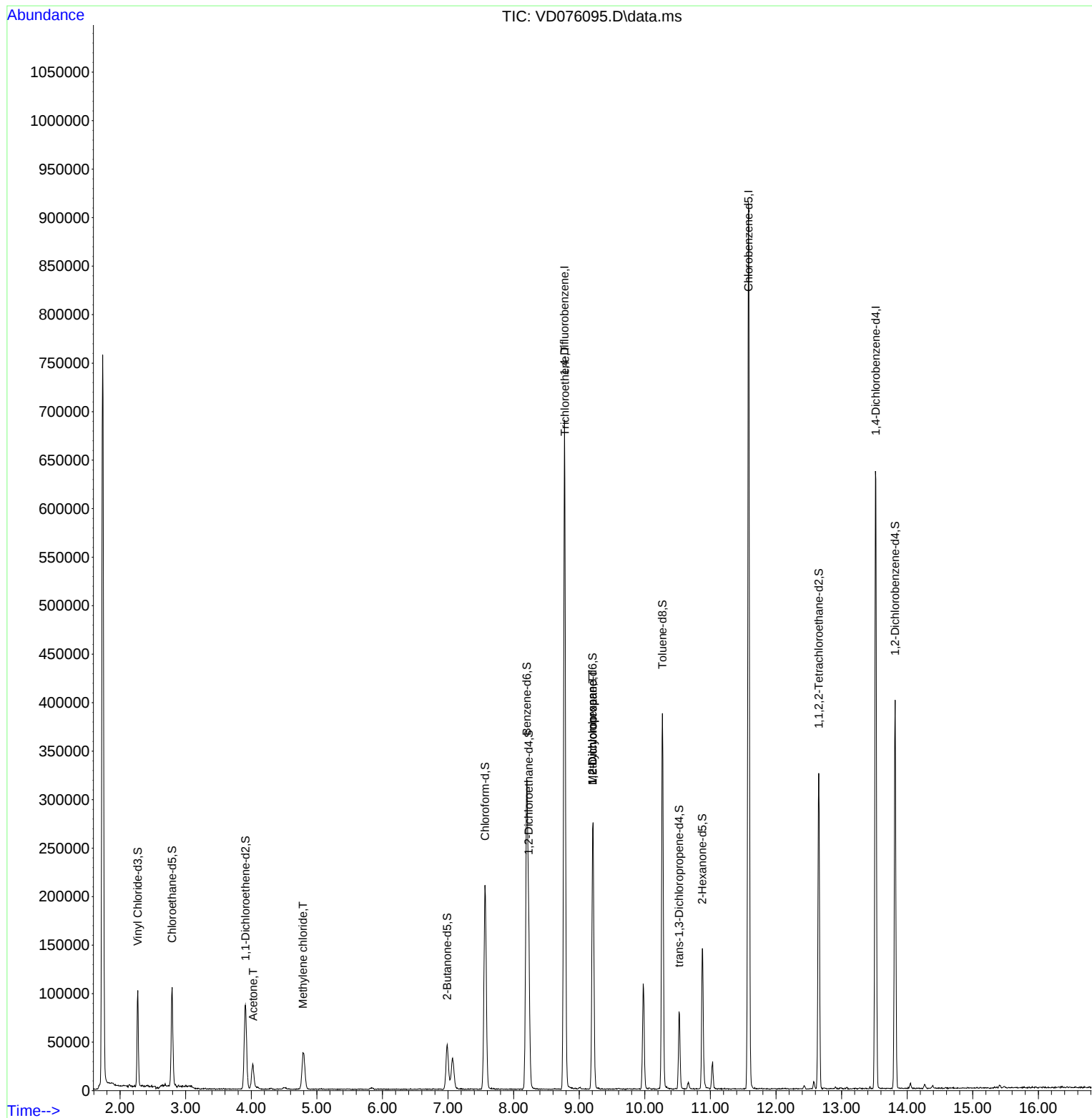
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	644859	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	572747	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	193553	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	91068	9.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.920%
7) Chloroethane-d5	2.793	69	109491	12.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.360%
11) 1,1-Dichloroethene-d2	3.911	65	24660	9.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.720%#
21) 2-Butanone-d5	6.987	46	73819	55.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.160%
24) Chloroform-d	7.563	84	229300	16.973	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.880%
26) 1,2-Dichloroethane-d4	8.228	65	112015	18.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.440%
32) Benzene-d6	8.199	84	356343	13.800	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.200%
36) 1,2-Dichloropropane-d6	9.205	67	148997	18.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.920%
41) Toluene-d8	10.269	98	293712	12.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.040%
43) trans-1,3-Dichloroprop...	10.522	79	46545	15.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.320%
47) 2-Hexanone-d5	10.875	63	53134	45.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	177160	25.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	116217	21.019	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	40307	34.064	ug/L	98
16) Methylene chloride	4.787	84	34443	3.285	ug/L	94
34) Trichloroethene	8.781	95	16152	1.965	ug/L #	2
35) Methylcyclohexane	9.205	83	36044	2.894	ug/L #	24
37) 1,2-Dichloropropane	9.205	63	14467	1.781	ug/L #	85

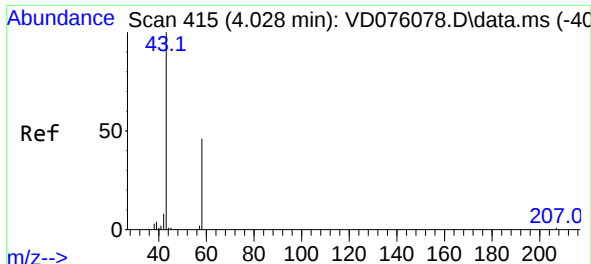
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 12 02:22:21 2023
Response via : Initial Calibration

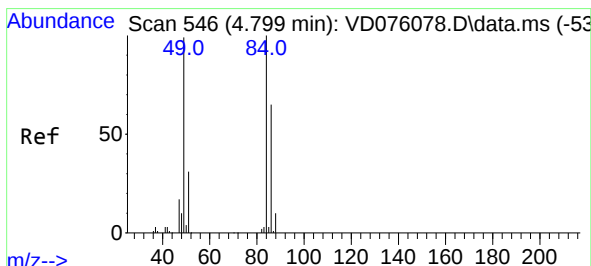
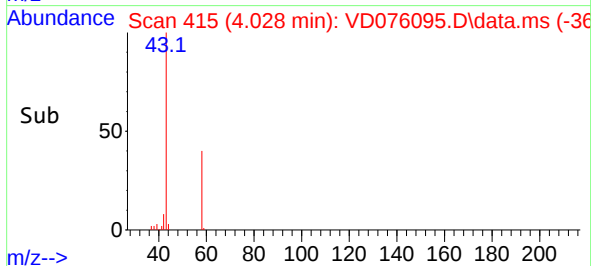
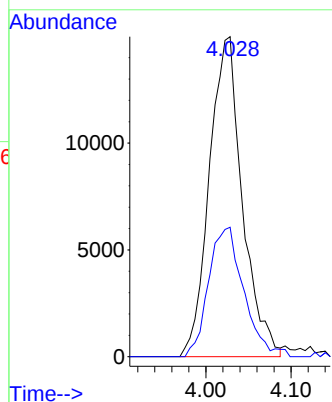
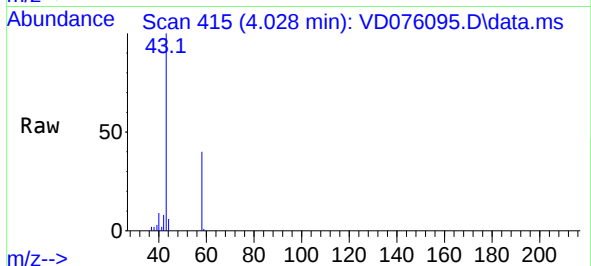




#13
Acetone
Concen: 34.064 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076095.D
Acq: 11 May 2023 22:32

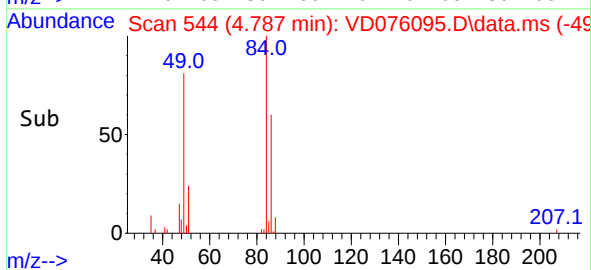
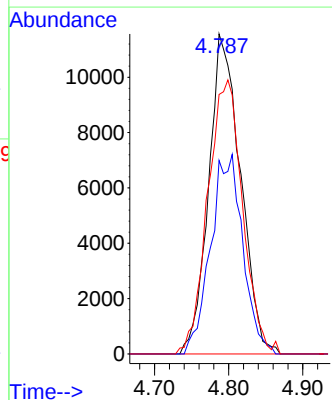
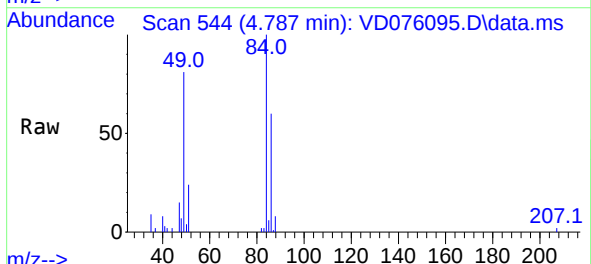
Instrument :
MSVOA_D
ClientSampleId :
JREF3

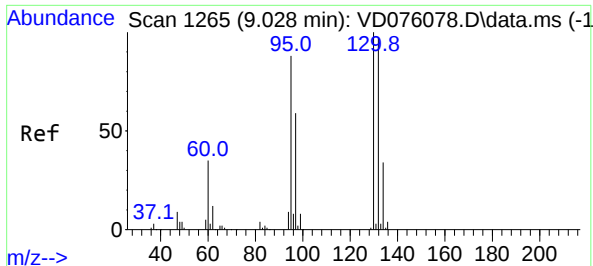
Tgt Ion: 43 Resp: 40307
Ion Ratio Lower Upper
43 100
58 42.1 0.0 87.4



#16
Methylene chloride
Concen: 3.285 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076095.D
Acq: 11 May 2023 22:32

Tgt Ion: 84 Resp: 34443
Ion Ratio Lower Upper
84 100
86 60.4 45.8 85.2
49 81.1 60.8 112.8



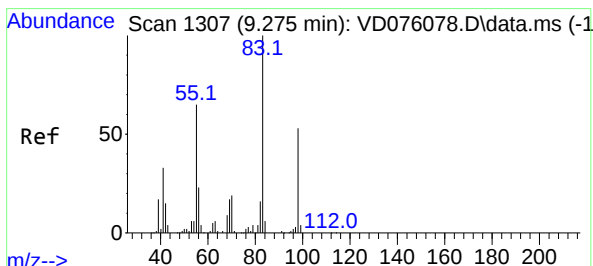
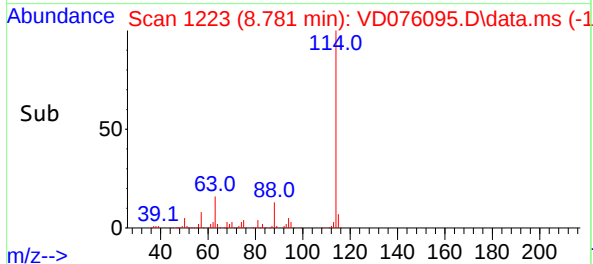
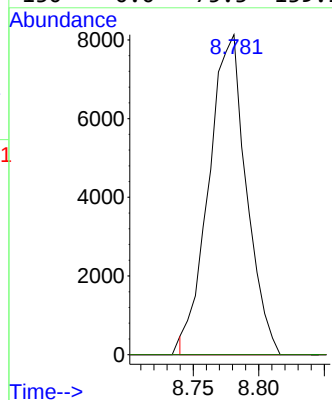
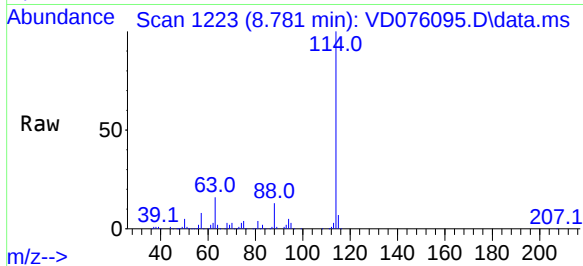


#34
Trichloroethene
Concen: 1.965 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076095.D
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Tgt Ion: 95 Resp: 16152

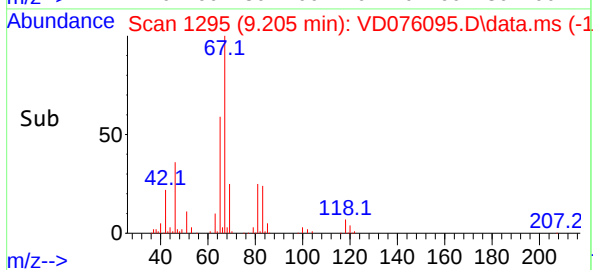
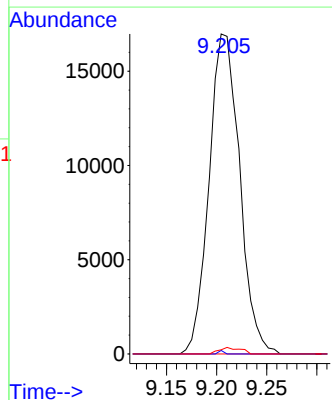
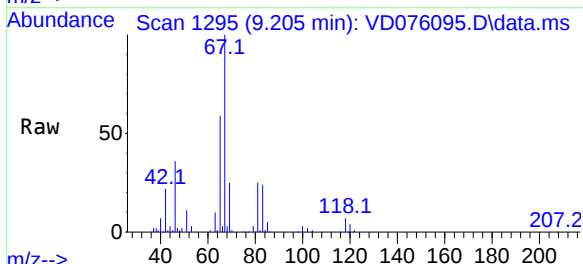
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

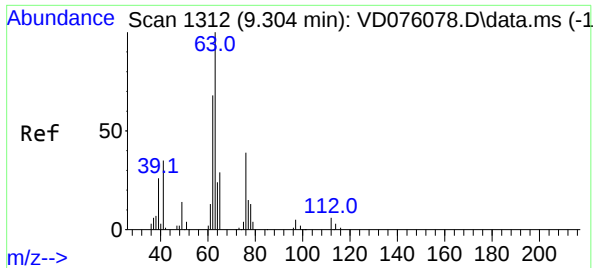


#35
Methylcyclohexane
Concen: 2.894 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD076095.D
Acq: 11 May 2023 22:32

Tgt Ion: 83 Resp: 36044

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.9	40.8	61.2#





1,2-Dichloropropane
 Concen: 1.781 ug/L
 RT: 9.205 min Scan# 11
 Delta R.T. -0.100 min
 Lab File: VD076095.D
 Acq: 11 May 2023 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF3

Tgt Ion: 63 Resp: 14467
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#

