

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076048.D
 Acq On : 08 May 2023 19:34
 Operator : KP/SY
 Sample : 02591-36
 Misc : 4.58G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREA7

Quant Time: May 09 02:38:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

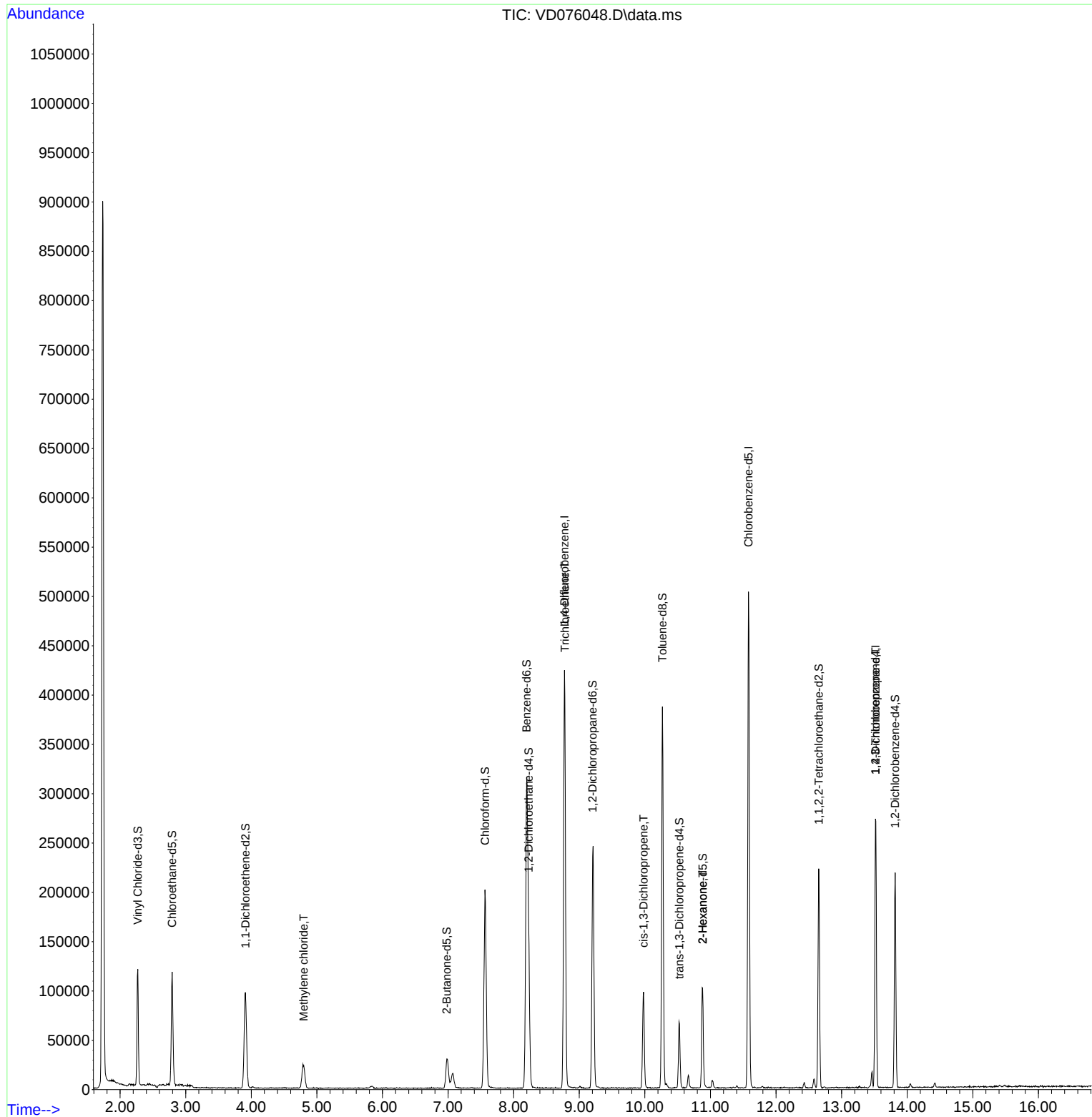
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	411755	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	326776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	112841	12.492	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	49.960%	
7) Chloroethane-d5	2.793	69	120859	15.486	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	61.960%	
11) 1,1-Dichloroethene-d2	3.910	65	26768	12.854	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	51.400%	
21) 2-Butanone-d5	6.981	46	51974	66.280	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	132.560%	
24) Chloroform-d	7.563	84	210932	20.486	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	81.960%	
26) 1,2-Dichloroethane-d4	8.228	65	98550	22.412	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	89.640%	
32) Benzene-d6	8.198	84	354518	18.614	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	74.440%	
36) 1,2-Dichloropropane-d6	9.204	67	130904	24.831	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	99.320%	
41) Toluene-d8	10.269	98	279797	15.692	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	62.760%	
43) trans-1,3-Dichloroprop...	10.528	79	38682	17.752	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	71.000%	
47) 2-Hexanone-d5	10.881	63	37238	58.665	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	117.340%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112246	27.825	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	111.280%	
66) 1,2-Dichlorobenzene-d4	13.816	152	64878	21.620	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	86.480%	
Target Compounds						
16) Methylene chloride	4.799	84	21708	2.599	ug/L	97
34) Trichloroethene	8.781	95	10121	1.980	ug/L #	2
39) cis-1,3-Dichloropropene	9.981	75	2573	0.356	ug/L	95
48) 2-Hexanone	10.881	43	3917	3.356	ug/L #	58
61) 1,2,3-Trichloropropane	13.516	75	9591	7.196	ug/L #	60

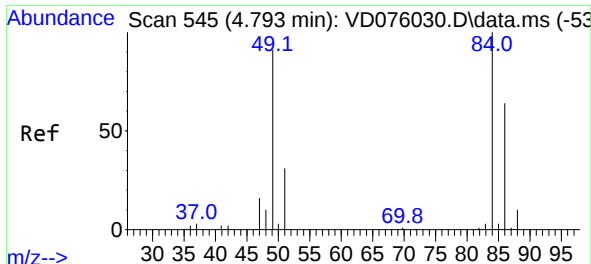
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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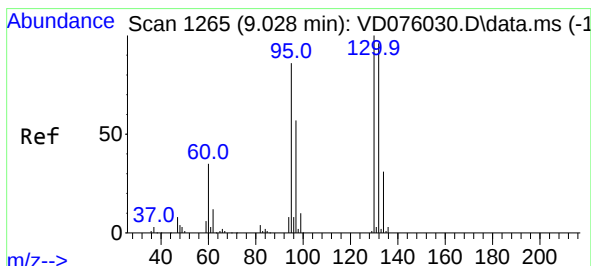
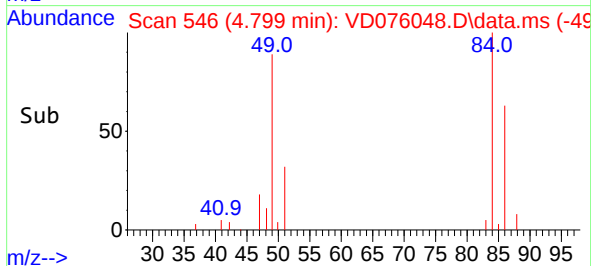
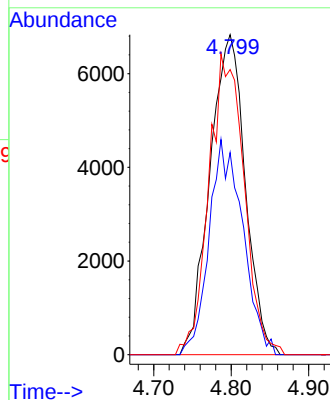
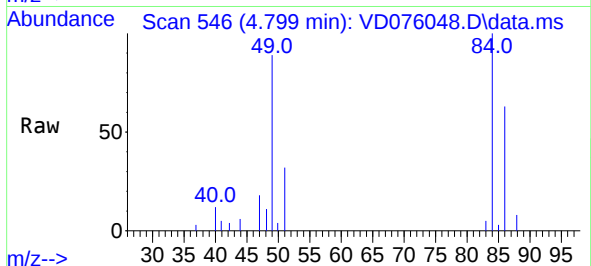


#16
Methylene chloride
Concen: 2.599 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076048.D
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Instrument :
MSVOA_D
ClientSampleId :
JREA7

Tgt Ion: 84 Resp: 21708

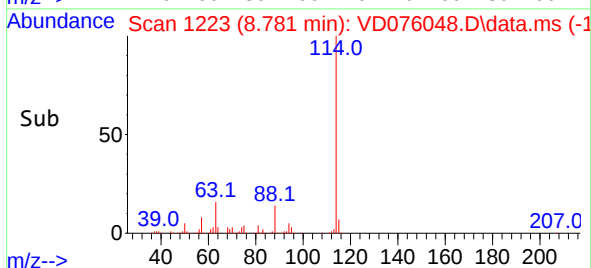
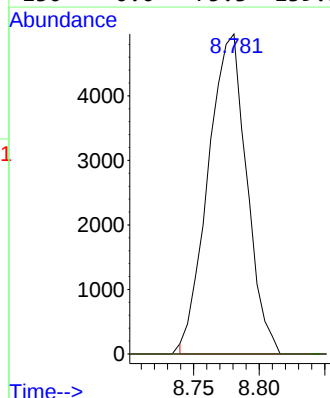
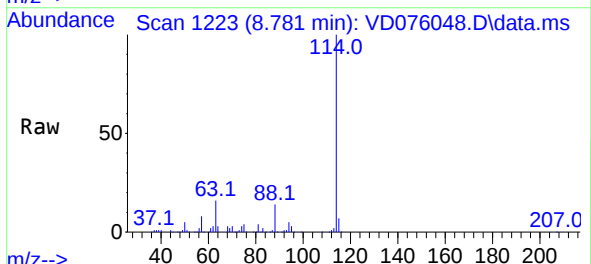
Ion	Ratio	Lower	Upper
84	100		
86	63.1	45.8	85.2
49	89.1	60.8	112.8

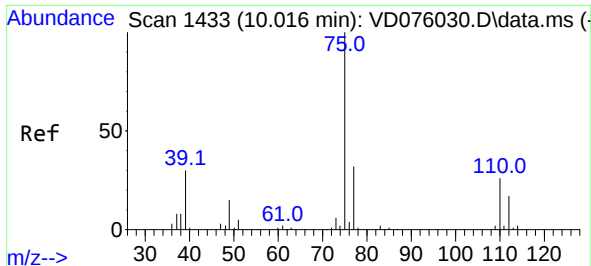


#34
Trichloroethene
Concen: 1.980 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076048.D
Acq: 08 May 2023 19:34

Tgt Ion: 95 Resp: 10121

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#





#39

cis-1,3-Dichloropropene

Concen: 0.356 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076048.D

Acq: 08 May 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

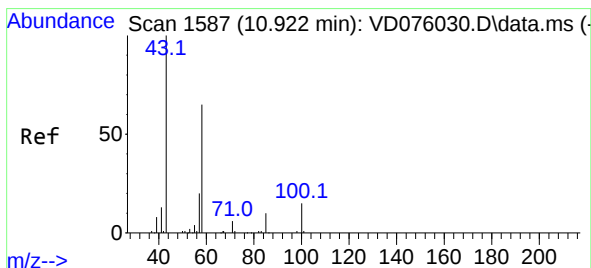
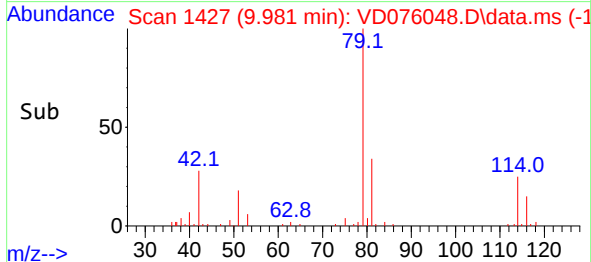
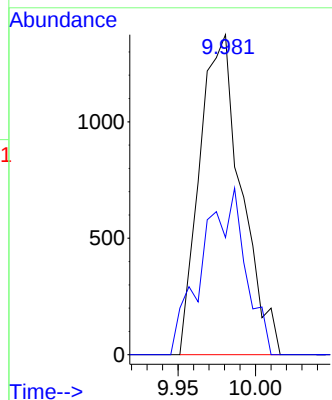
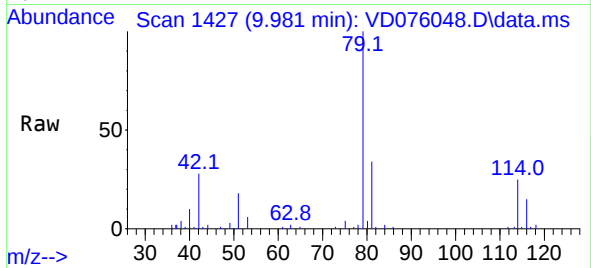
JREA7

Tgt Ion: 75 Resp: 2573

Ion Ratio Lower Upper

75 100

77 36.6 23.4 43.6



#48

2-Hexanone

Concen: 3.356 ug/L

RT: 10.881 min Scan# 1580

Delta R.T. -0.041 min

Lab File: VD076048.D

Acq: 08 May 2023 19:34

Tgt Ion: 43 Resp: 3917

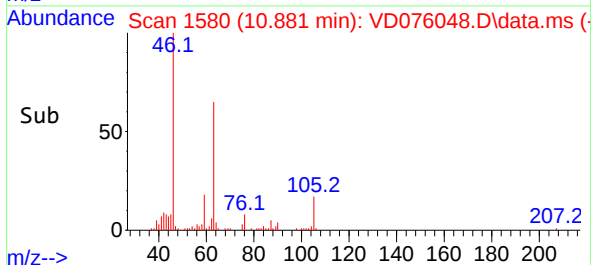
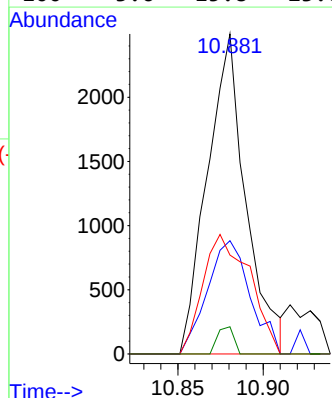
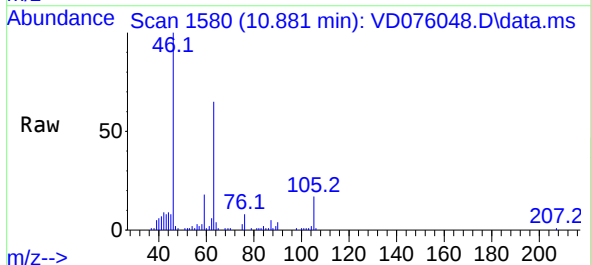
Ion Ratio Lower Upper

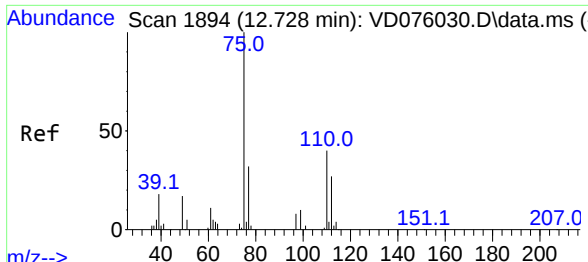
43 100

58 39.5 59.7 89.5#

57 45.3 17.9 26.9#

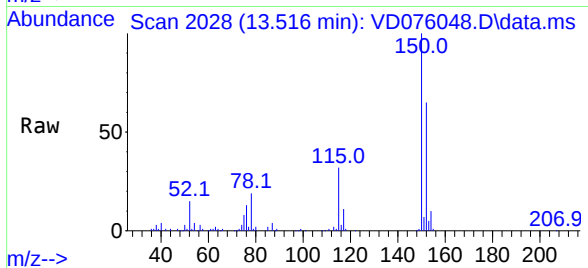
100 3.6 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.196 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076048.D
 Acq: 08 May 2023 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 JREA7



Tgt Ion: 75 Resp: 9591

Ion	Ratio	Lower	Upper
75	100		
77	28.9	26.6	39.8
110	0.0	33.5	50.3#

