

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076010.D
 Acq On : 04 May 2023 17:59
 Operator : KP/SY
 Sample : 02589-19
 Misc : 5.46G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JRED7

Quant Time: May 05 00:51:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

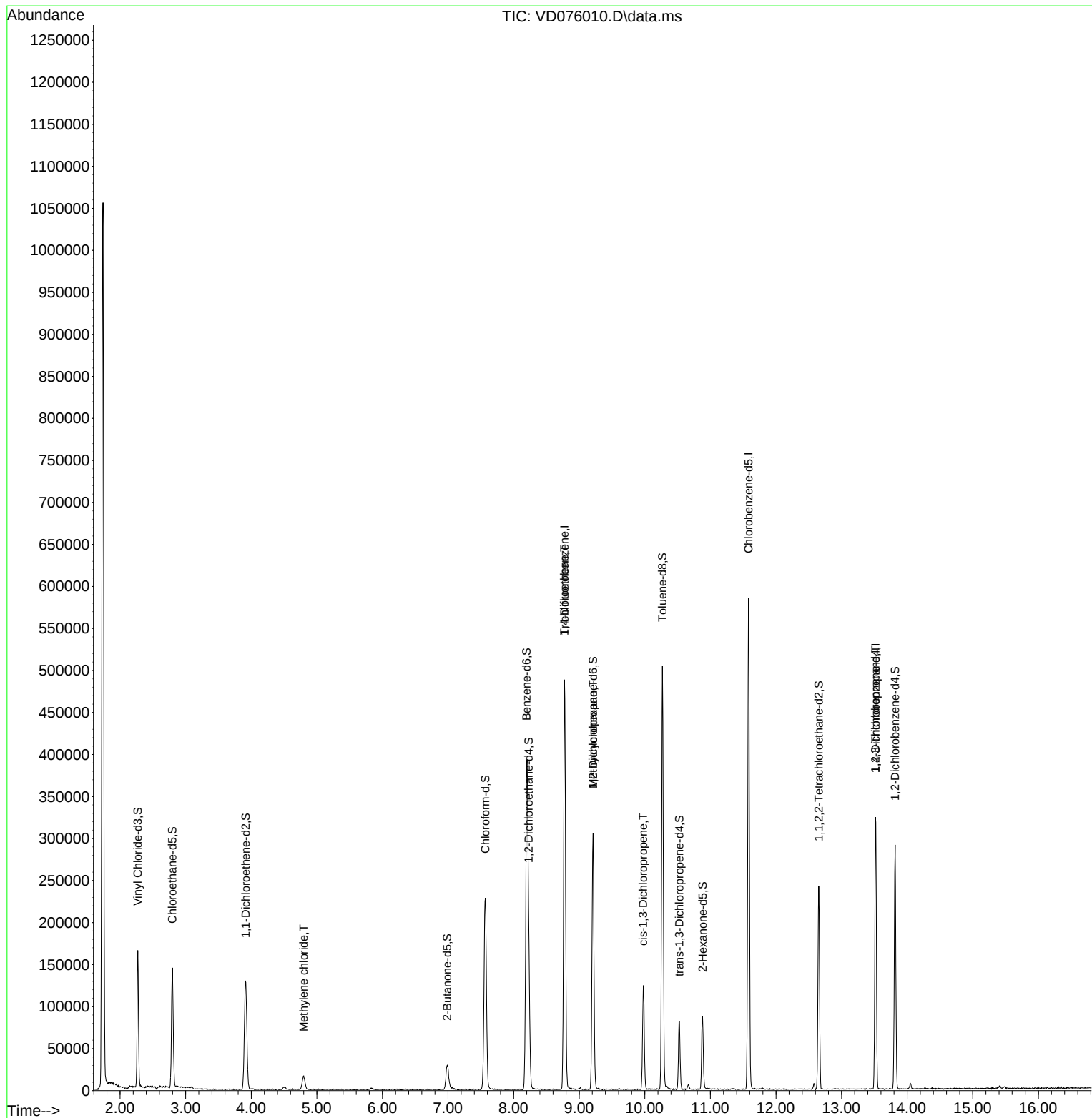
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	472480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	374981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	98712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	153375	14.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.200%
7) Chloroethane-d5	2.799	69	156143	17.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
11) 1,1-Dichloroethene-d2	3.917	65	37313	15.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.440%
21) 2-Butanone-d5	6.987	46	50742	56.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.780%
24) Chloroform-d	7.569	84	255203	21.600	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	8.228	65	113651	22.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.080%
32) Benzene-d6	8.199	84	454082	20.776	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.120%
36) 1,2-Dichloropropane-d6	9.210	67	161595	26.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.840%
41) Toluene-d8	10.269	98	370239	18.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.360%
43) trans-1,3-Dichloroprop...	10.528	79	48608	19.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.760%
47) 2-Hexanone-d5	10.881	63	32673	44.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	127738	27.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	85397	24.458	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	13522	1.411	ug/L	96
34) Trichloroethene	8.775	95	11526	1.965	ug/L	# 2
35) Methylcyclohexane	9.210	83	37885	4.189	ug/L	# 24
39) cis-1,3-Dichloropropene	9.975	75	3130	0.378	ug/L	# 78
61) 1,2,3-Trichloropropane	13.516	75	10951	7.062	ug/L	# 38

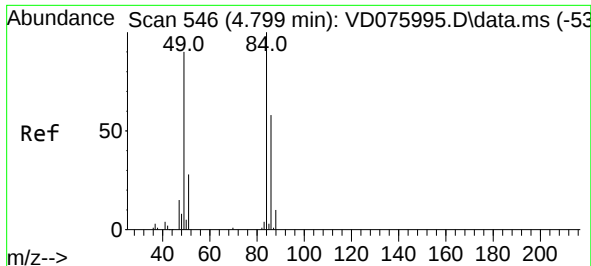
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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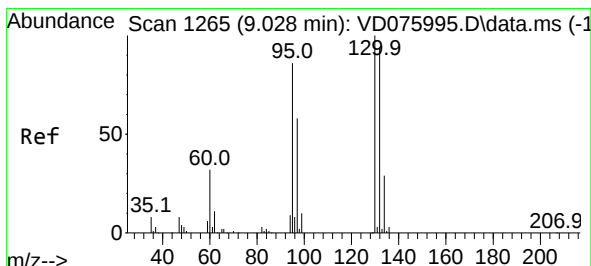
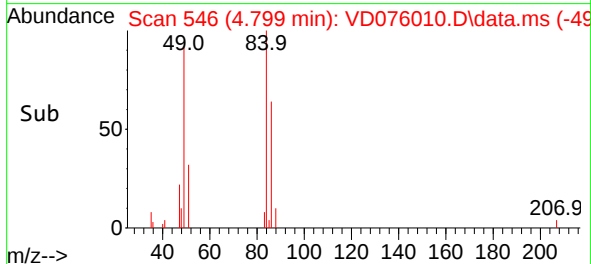
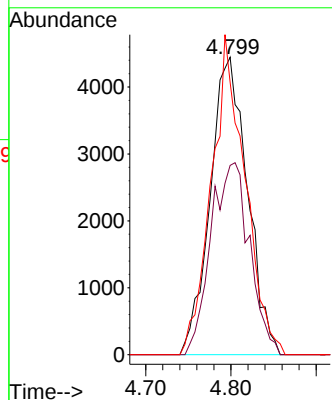
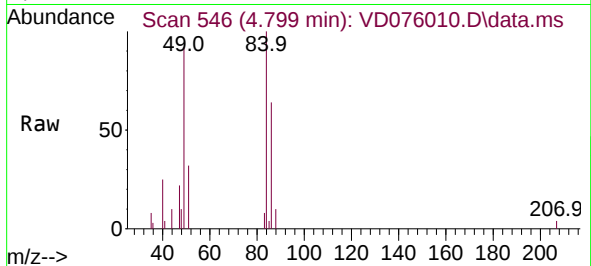




#16
Methylene chloride
Concen: 1.411 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076010.D
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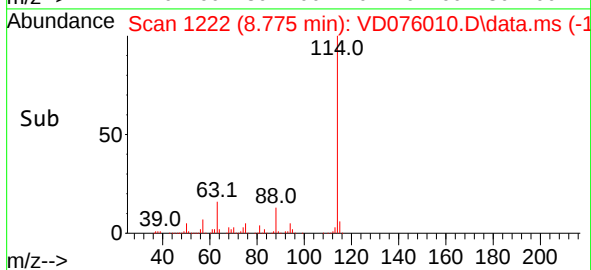
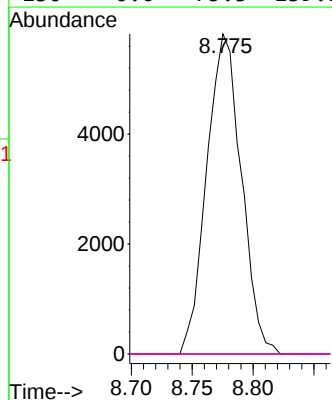
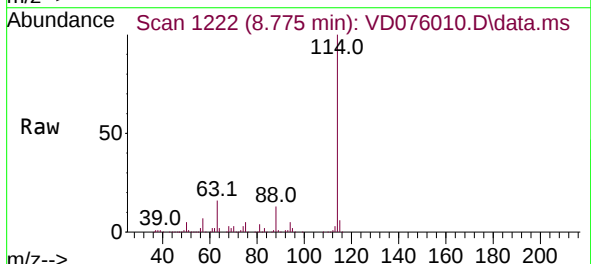
Instrument :
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JRED7

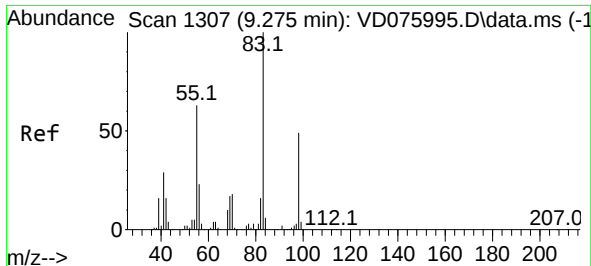
Tgt Ion: 84 Resp: 13522
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.2
49 91.6 60.8 112.8



#34
Trichloroethene
Concen: 1.965 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076010.D
Acq: 04 May 2023 17:59

Tgt Ion: 95 Resp: 11526
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#

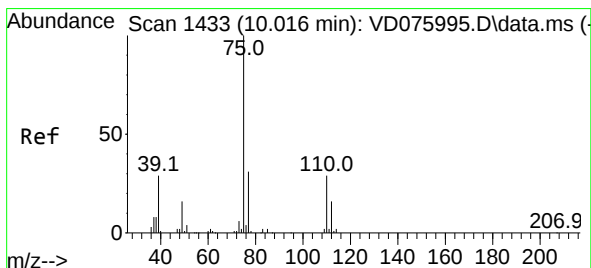
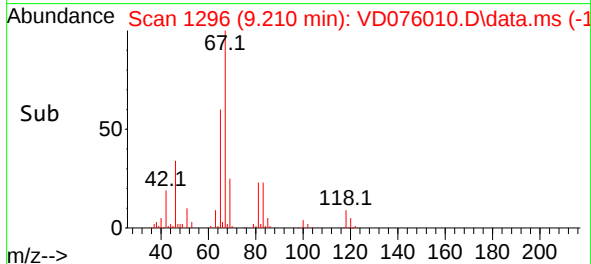
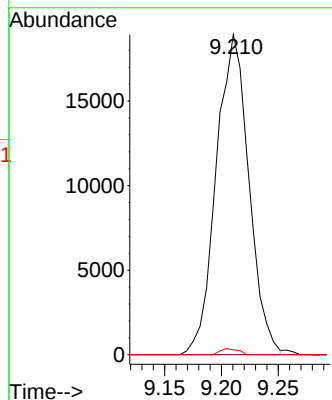
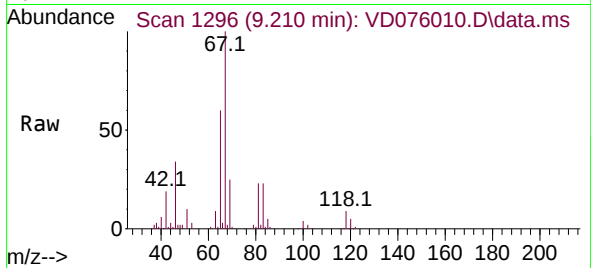




#35
Methylcyclohexane
Concen: 4.189 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD076010.D
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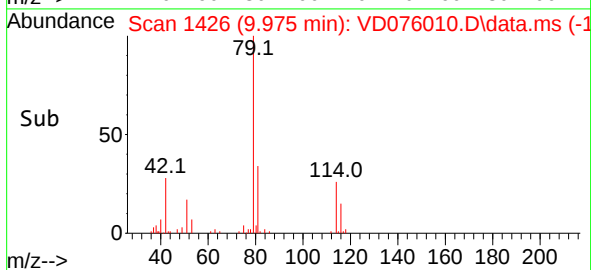
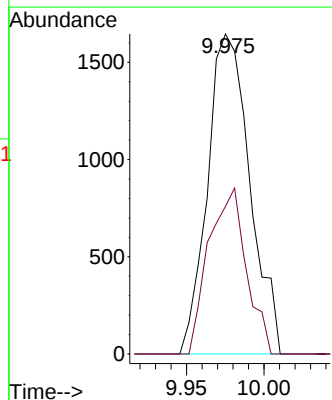
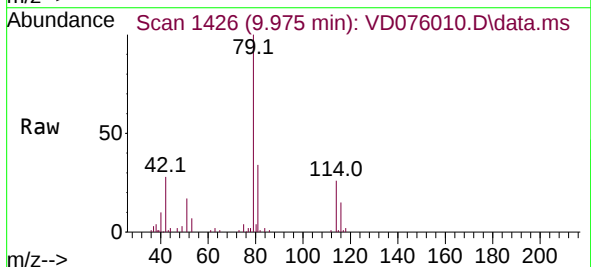
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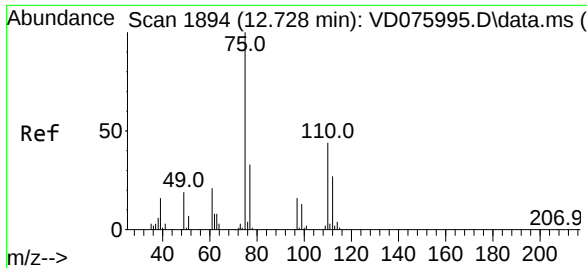
Tgt Ion: 83 Resp: 37885
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.0 40.8 61.2#



#39
cis-1,3-Dichloropropene
Concen: 0.378 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076010.D
Acq: 04 May 2023 17:59

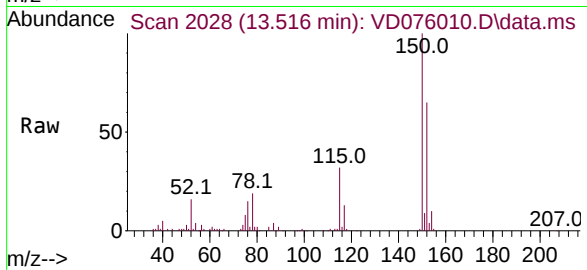
Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
77 46.1 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.062 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076010.D
 Acq: 04 May 2023 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 JRED7



Tgt Ion:	75	Resp:	10951
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.6	39.8#
110	0.5	33.5	50.3#

