

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076020.D
 Acq On : 05 May 2023 12:36
 Operator : KP/SY
 Sample : 02599-05RE
 Misc : 4.93G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB9

Quant Time: May 06 00:22:54 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

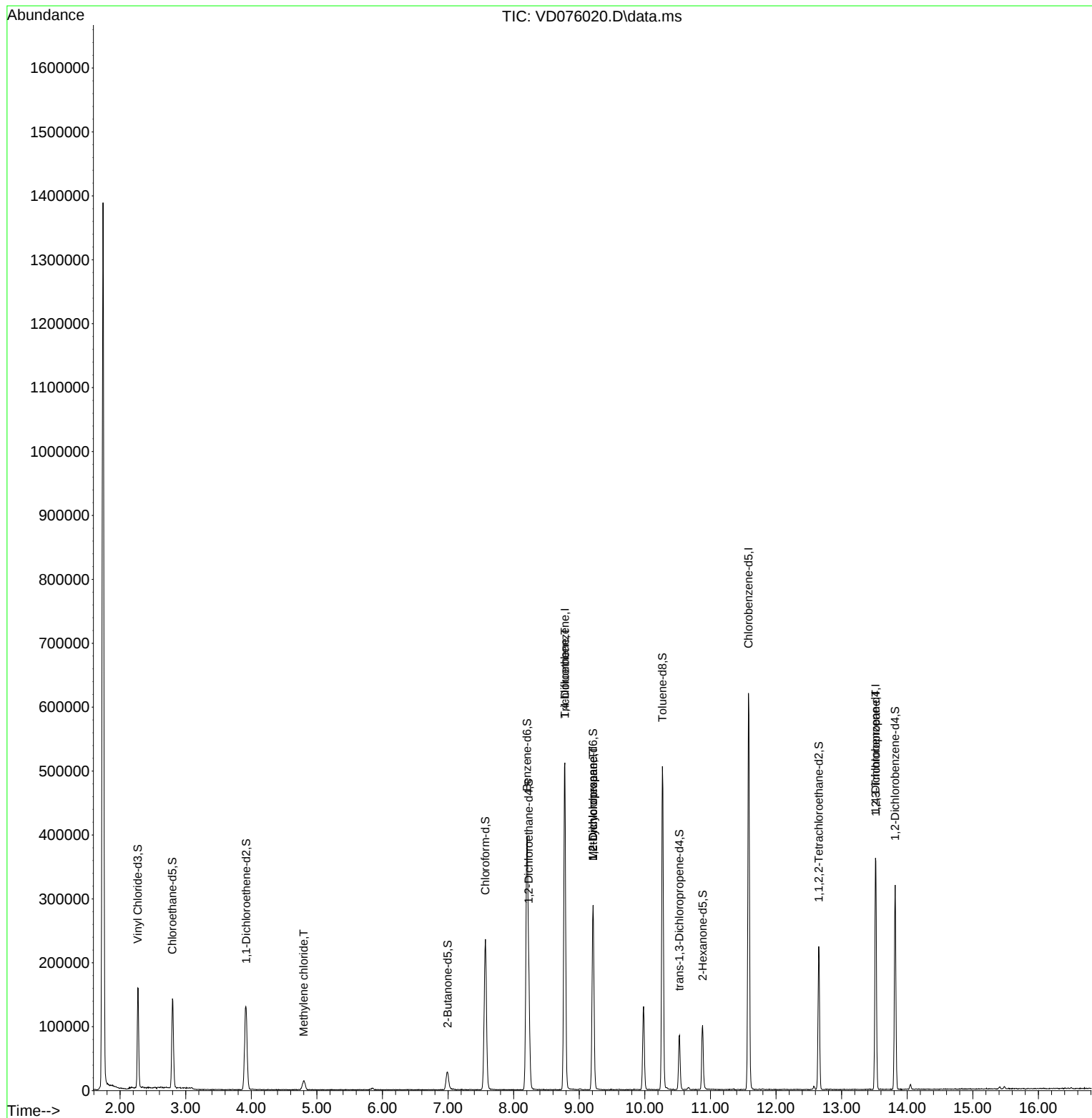
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	496934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	396398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	110063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	152874	14.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.080%
7) Chloroethane-d5	2.799	69	155648	16.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.080%
11) 1,1-Dichloroethene-d2	3.922	65	37108	14.765	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.040%
21) 2-Butanone-d5	6.993	46	48752	51.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.020%
24) Chloroform-d	7.569	84	249530	20.080	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.320%
26) 1,2-Dichloroethane-d4	8.228	65	108159	20.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.520%
32) Benzene-d6	8.204	84	448302	19.404	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	9.210	67	154894	24.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	10.269	98	376867	17.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.680%
43) trans-1,3-Dichloroprop...	10.528	79	51660	19.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.160%
47) 2-Hexanone-d5	10.881	63	38126	49.515	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	116848	23.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	92660	23.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
16) Methylene chloride	4.799	84	12328	1.223	ug/L	90
34) Trichloroethene	8.781	95	12250	1.976	ug/L #	2
35) Methylcyclohexane	9.210	83	36310	3.798	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	14748	2.678	ug/L #	85
61) 1,2,3-Trichloropropane	13.522	75	12295	7.111	ug/L #	61

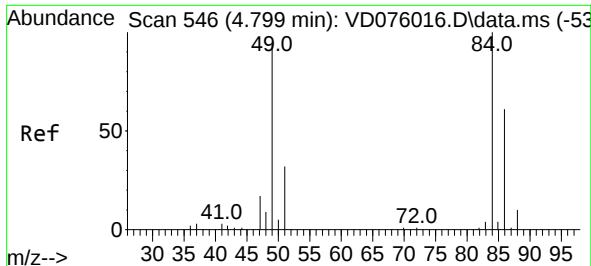
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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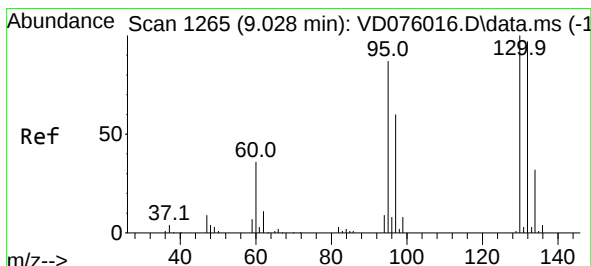
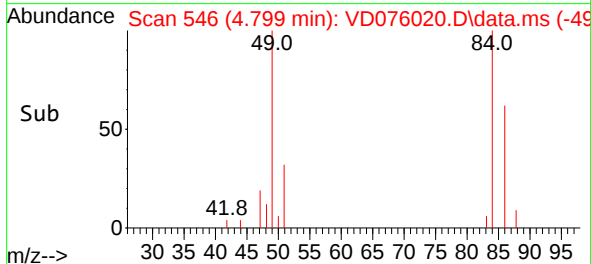
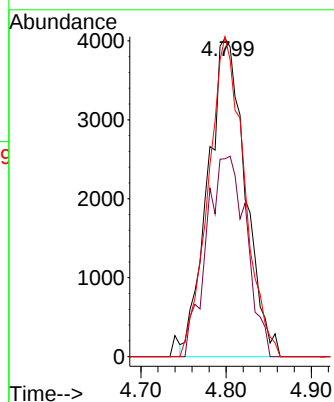
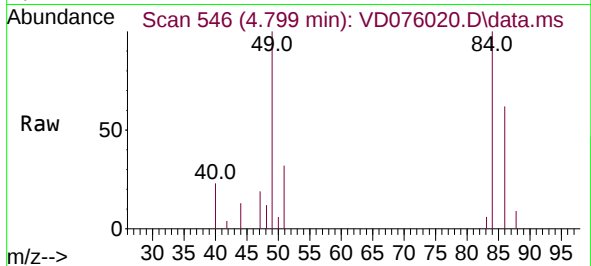




#16
Methylene chloride
Concen: 1.223 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076020.D
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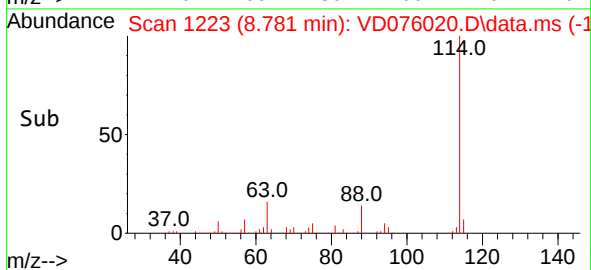
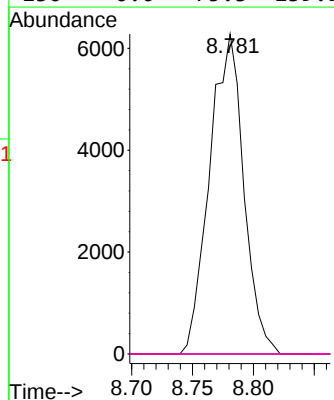
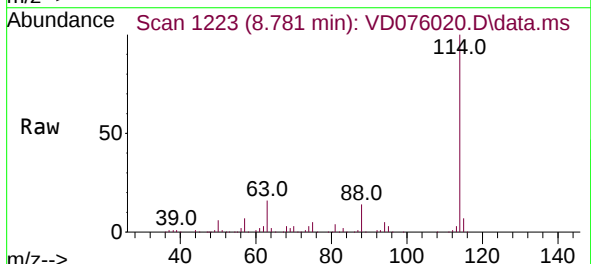
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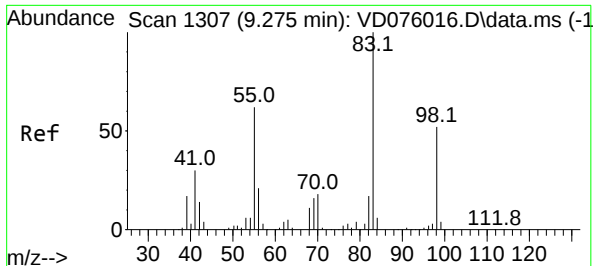
Tgt Ion: 84 Resp: 12328
Ion Ratio Lower Upper
84 100
86 62.1 45.8 85.2
49 100.5 60.8 112.8



#34
Trichloroethene
Concen: 1.976 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076020.D
Acq: 05 May 2023 12:36

Tgt Ion: 95 Resp: 12250
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#

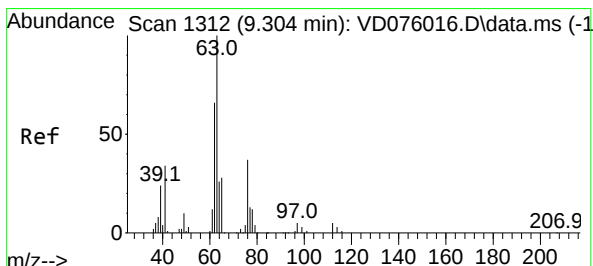
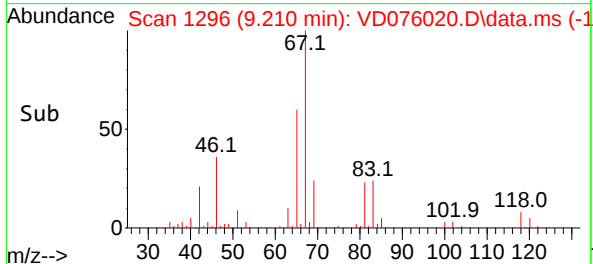
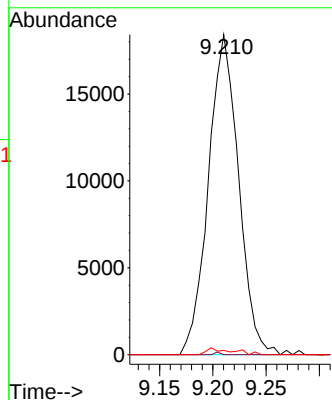
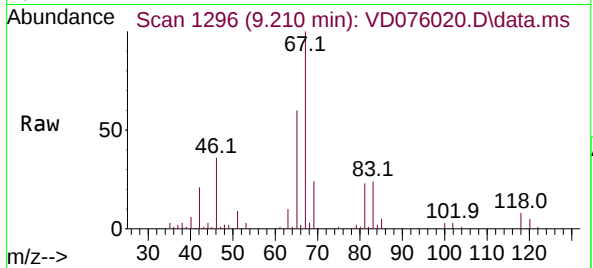




#35
Methylcyclohexane
Concen: 3.798 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076020.D
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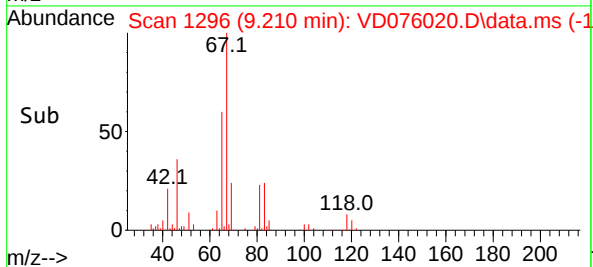
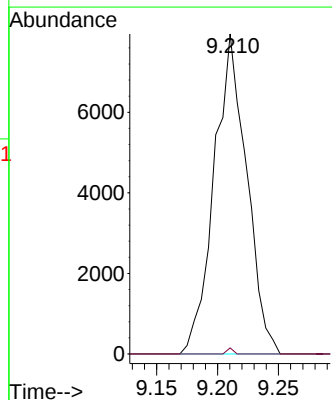
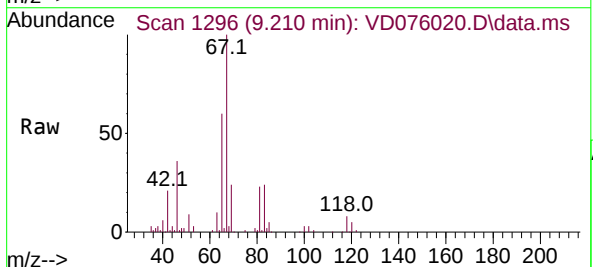
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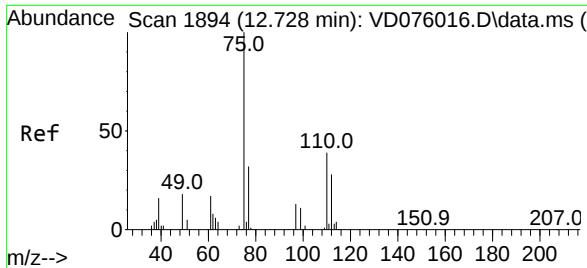
Tgt Ion: 83 Resp: 36310
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.1 40.8 61.2#



#37
1,2-Dichloropropane
Concen: 2.678 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076020.D
Acq: 05 May 2023 12:36

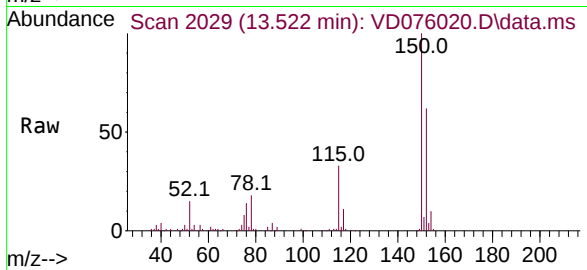
Tgt Ion: 63 Resp: 14748
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.111 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076020.D
 Acq: 05 May 2023 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB9



Tgt Ion:	75	Resp:	12295
Ion	Ratio	Lower	Upper
75	100		
77	27.2	26.6	39.8
110	2.5	33.5	50.3#

