

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076005.D
 Acq On : 04 May 2023 15:33
 Operator : KP/SY
 Sample : 02589-12
 Misc : 5.16G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:50:12 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

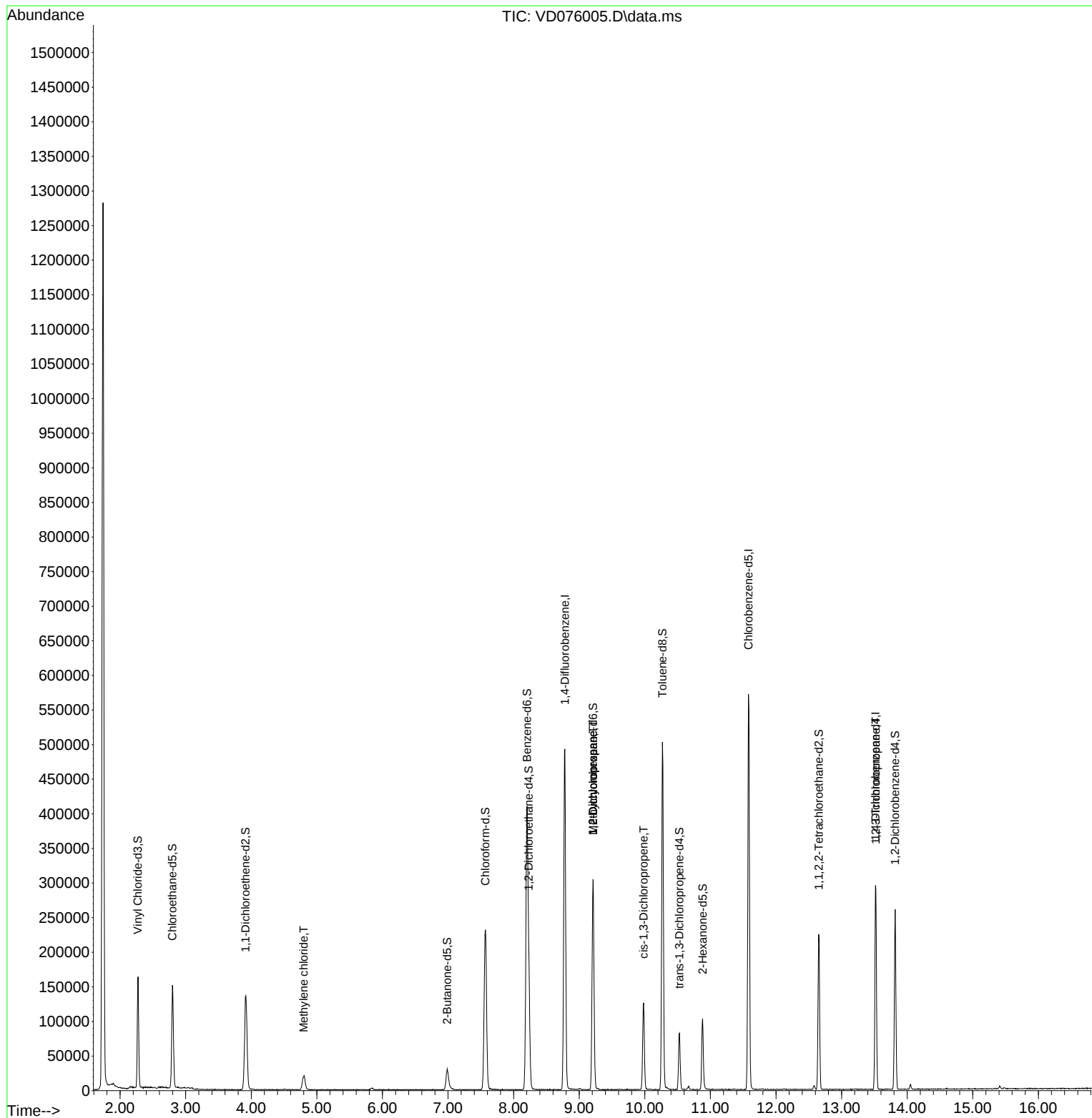
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	482490	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	372147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	90476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	154277	14.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.320%
7) Chloroethane-d5	2.799	69	160835	17.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.360%
11) 1,1-Dichloroethene-d2	3.911	65	37390	15.322	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.280%
21) 2-Butanone-d5	6.987	46	48242	52.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.000%
24) Chloroform-d	7.569	84	258789	21.449	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	8.228	65	112691	21.871	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.480%
32) Benzene-d6	8.205	84	459260	21.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.680%
36) 1,2-Dichloropropane-d6	9.210	67	159150	26.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.040%
41) Toluene-d8	10.269	98	372060	18.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.280%
43) trans-1,3-Dichloroprop...	10.528	79	49297	19.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.480%
47) 2-Hexanone-d5	10.881	63	35785	49.503	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	120538	26.237	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	75420	23.567	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
16) Methylene chloride	4.799	84	17809	1.819	ug/L	92
35) Methylcyclohexane	9.210	83	37392	4.166	ug/L	# 24
37) 1,2-Dichloropropane	9.210	63	16007	3.096	ug/L	# 85
39) cis-1,3-Dichloropropene	9.981	75	3010	0.366	ug/L	# 68
61) 1,2,3-Trichloropropane	13.522	75	9787	6.886	ug/L	# 61

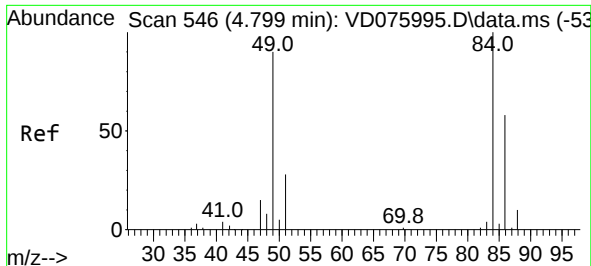
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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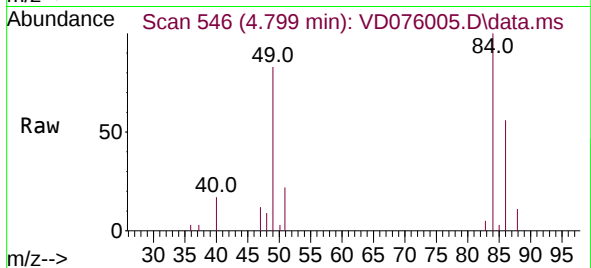
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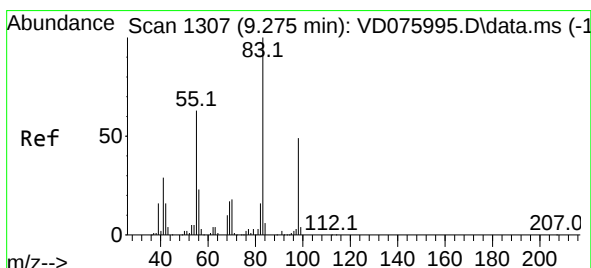
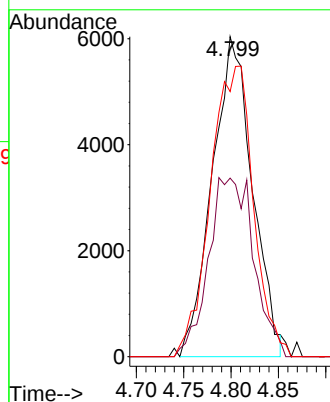
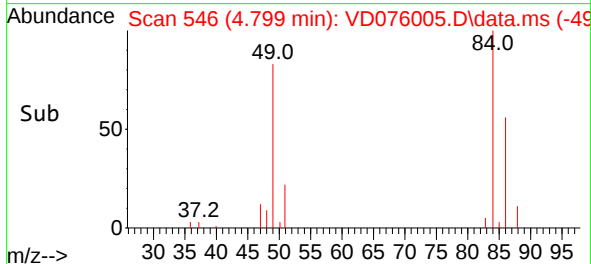


#16
Methylene chloride
Concen: 1.819 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076005.D
Acq: 04 May 2023 15:33

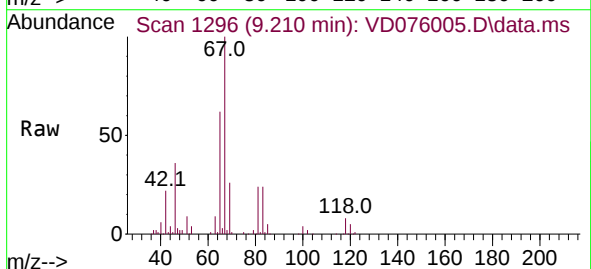
Instrument :
MSVOA_D
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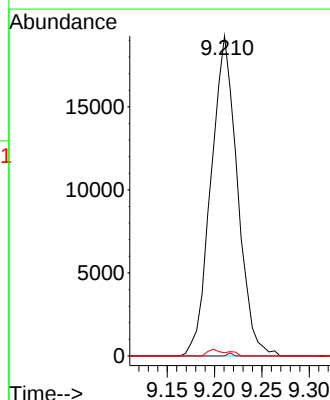
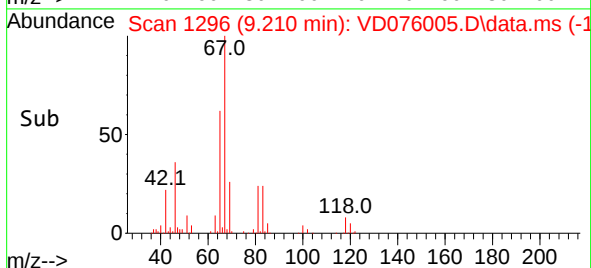
Tgt Ion: 84 Resp: 17809
Ion Ratio Lower Upper
84 100
86 55.8 45.8 85.2
49 82.9 60.8 112.8

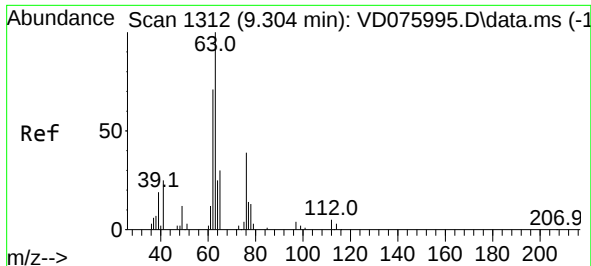


#35
Methylcyclohexane
Concen: 4.166 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076005.D
Acq: 04 May 2023 15:33



Tgt Ion: 83 Resp: 37392
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 0.5 40.8 61.2#

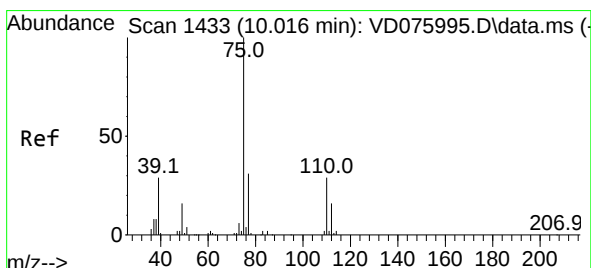
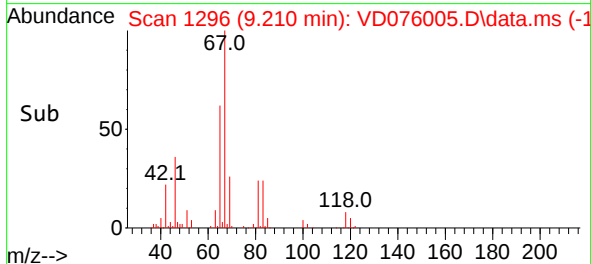
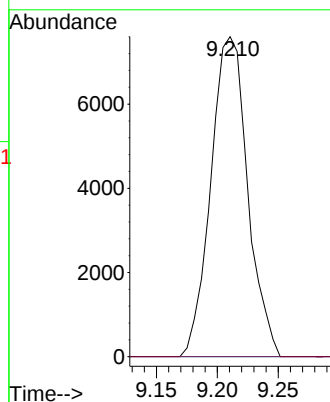
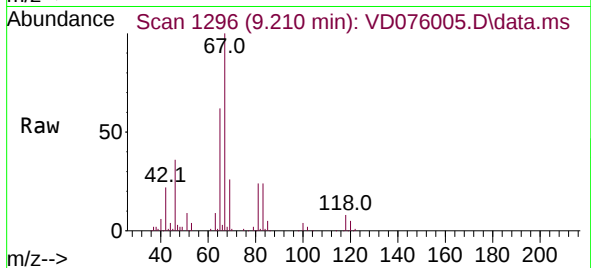




#37
1,2-Dichloropropane
Concen: 3.096 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076005.D
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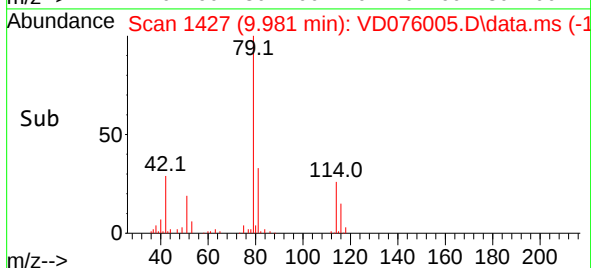
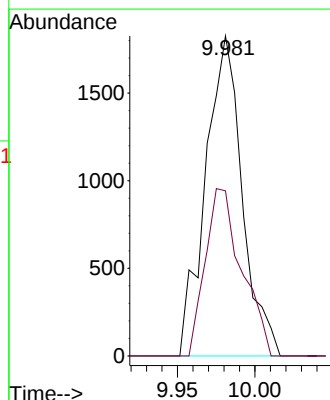
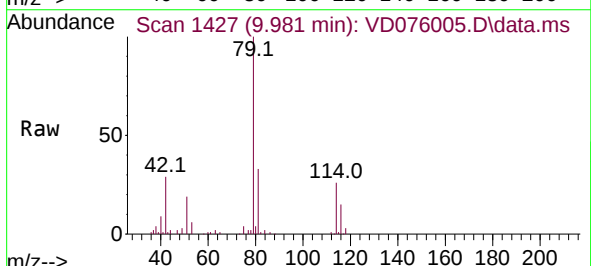
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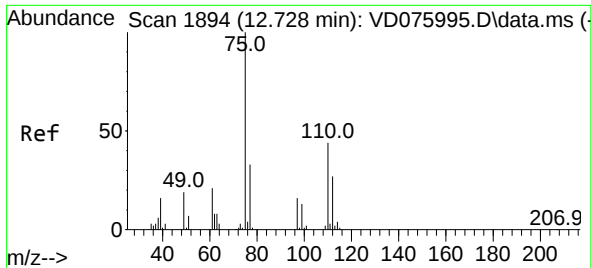
Tgt Ion: 63 Resp: 16007
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.366 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076005.D
Acq: 04 May 2023 15:33

Tgt Ion: 75 Resp: 3010
Ion Ratio Lower Upper
75 100
77 51.6 23.4 43.6#





#61

1,2,3-Trichloropropane

Concen: 6.886 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

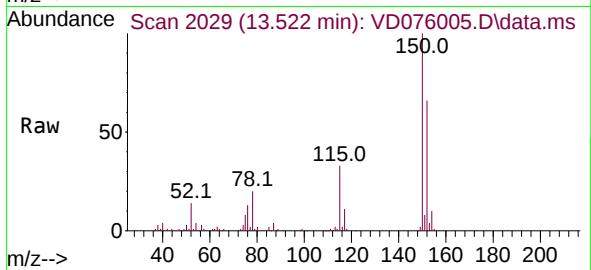
Lab File: VD076005.D

Acq: 04 May 2023 15:33

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 9787

Ion Ratio Lower Upper

75 100

77 29.3 26.6 39.8

110 1.5 33.5 50.3#

