

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076008.D
 Acq On : 04 May 2023 17:01
 Operator : KP/SY
 Sample : 02589-17
 Misc : 5.05G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:50:47 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)

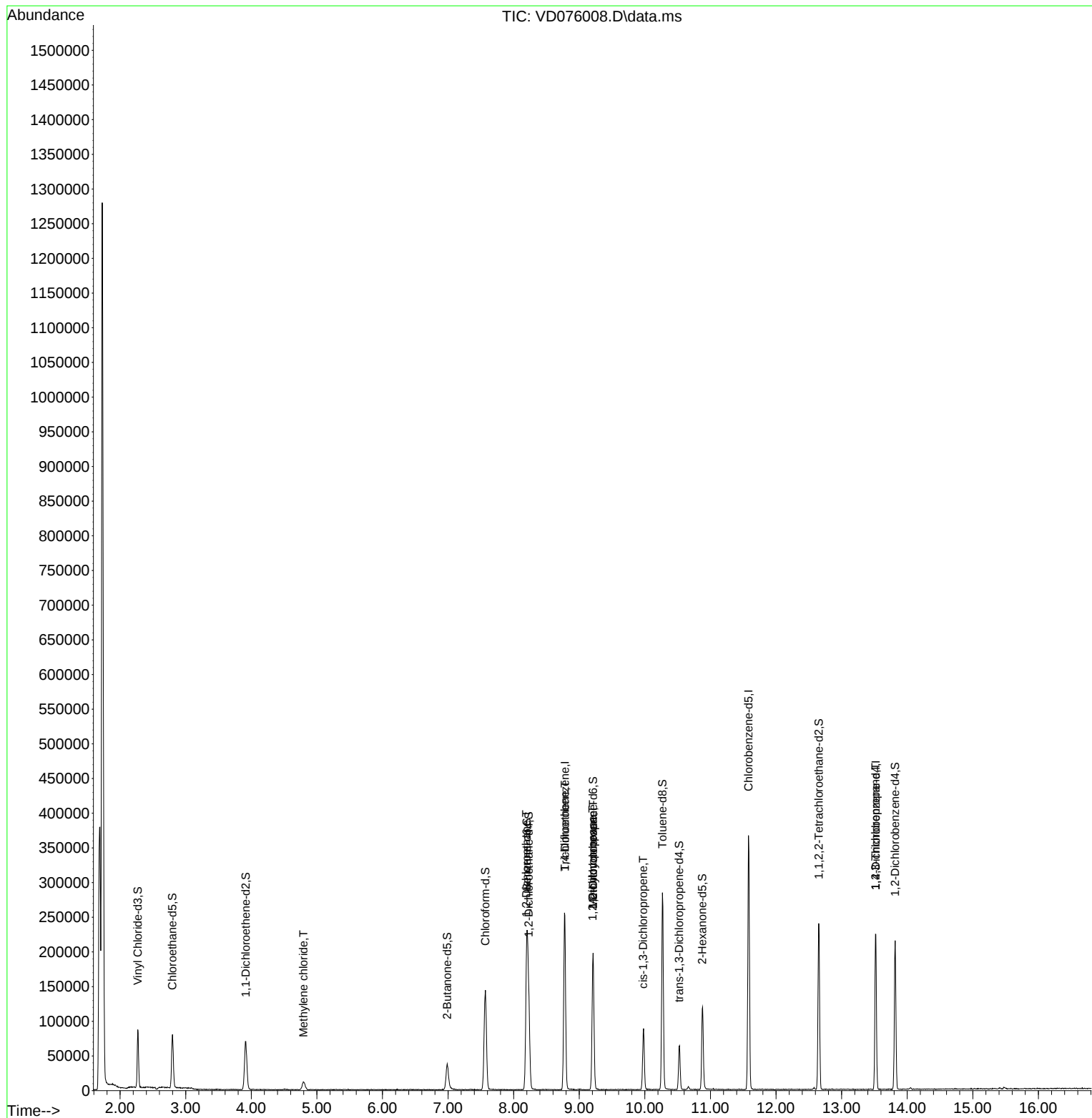
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	248163	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	233794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	68747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	78131	14.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.400%
7) Chloroethane-d5	2.799	69	83994	17.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
11) 1,1-Dichloroethene-d2	3.916	65	19595	15.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.440%
21) 2-Butanone-d5	6.987	46	60489	127.989	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	255.980%#
24) Chloroform-d	7.569	84	155525	25.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.228	65	90175	34.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.120%#
32) Benzene-d6	8.199	84	258894	18.999	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	9.210	67	101747	26.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.920%
41) Toluene-d8	10.269	98	207695	16.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.120%
43) trans-1,3-Dichloroprop...	10.522	79	39554	25.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.875	63	43947	96.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.540%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126596	43.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	175.440%#
66) 1,2-Dichlorobenzene-d4	13.816	152	63805	26.239	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.960%
Target Compounds						
16) Methylene chloride	4.793	84	10509	2.087	ug/L	95
27) 1,2-Dichloroethane	8.193	62	838	0.270	ug/L #	68
34) Trichloroethene	8.781	95	5924	1.620	ug/L #	2
35) Methylcyclohexane	9.210	83	24169	4.286	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	10364	3.190	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2212	0.428	ug/L #	24
61) 1,2,3-Trichloropropane	13.516	75	7978	7.387	ug/L #	57

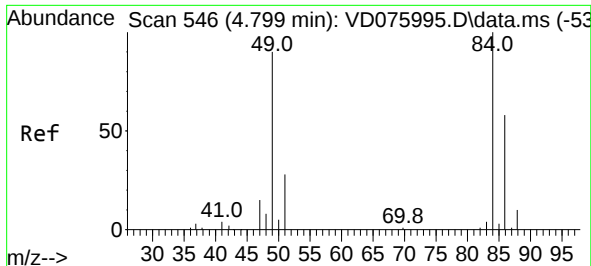
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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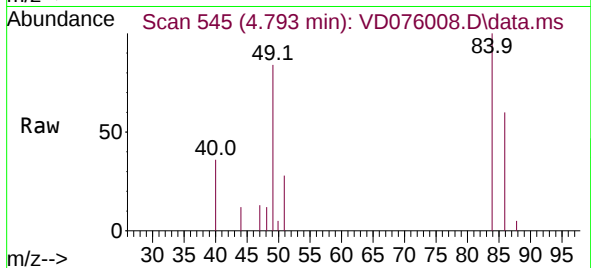
Quant Time: May 05 00:50:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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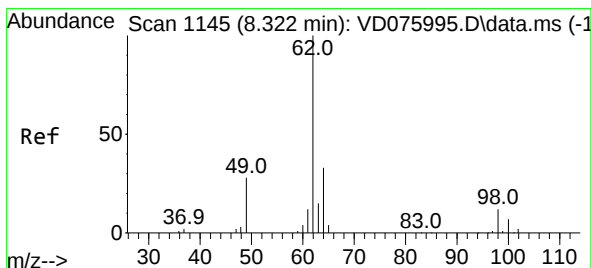
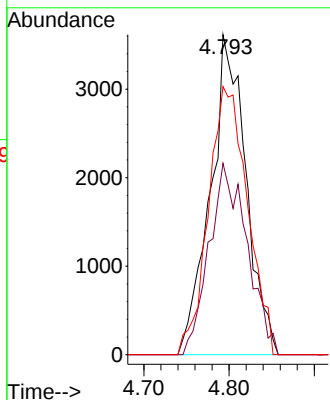
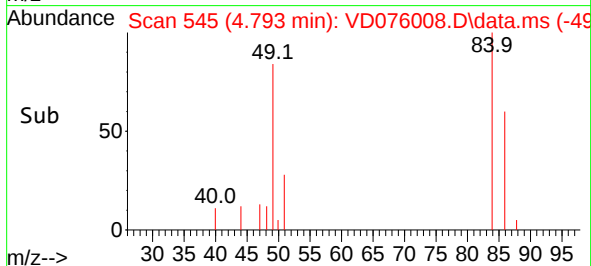


#16
Methylene chloride
Concen: 2.087 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076008.D
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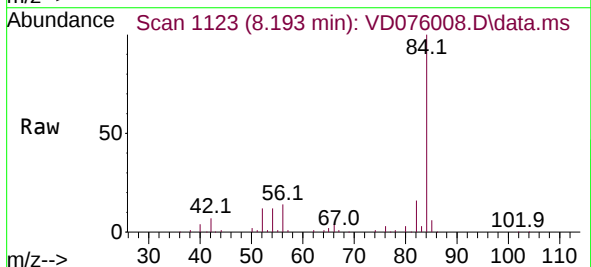
Instrument :
MSVOA_D
ClientSampleId :



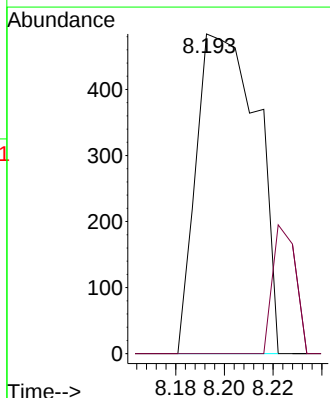
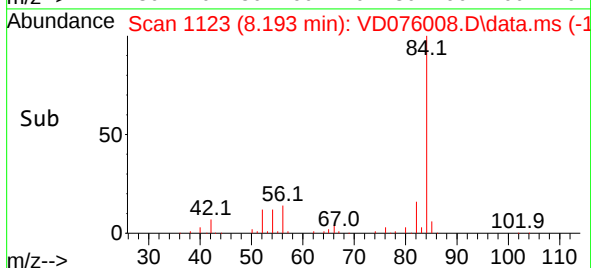
Tgt Ion: 84 Resp: 10509
Ion Ratio Lower Upper
84 100
86 59.8 45.8 85.2
49 83.8 60.8 112.8

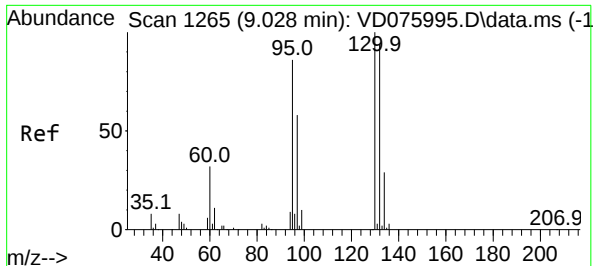


#27
1,2-Dichloroethane
Concen: 0.270 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.129 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01



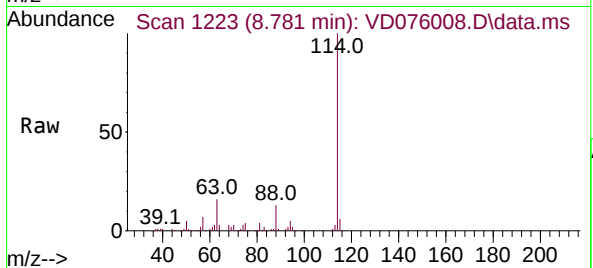
Tgt Ion: 62 Resp: 838
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



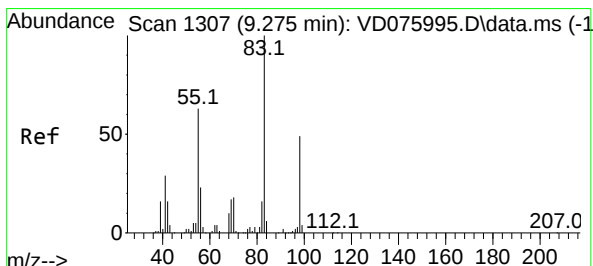
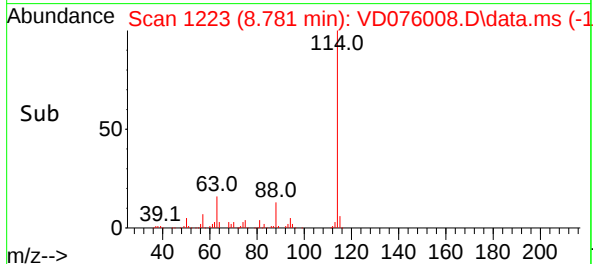
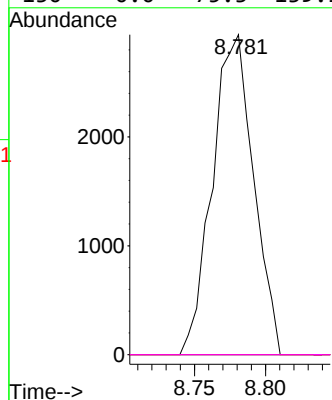


#34
Trichloroethene
Concen: 1.620 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076008.D
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Instrument :
MSVOA_D
ClientSampleId :

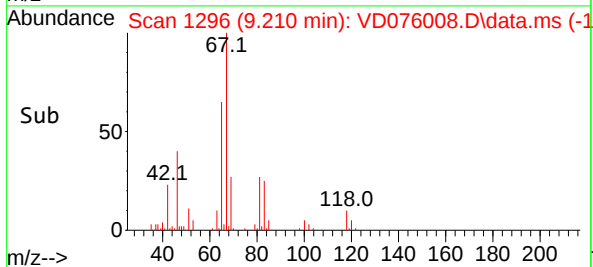
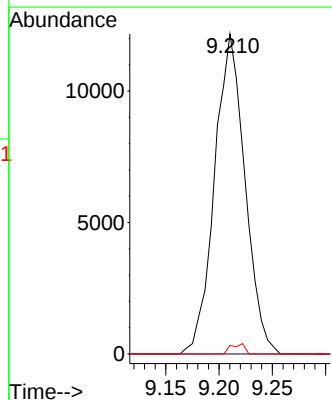
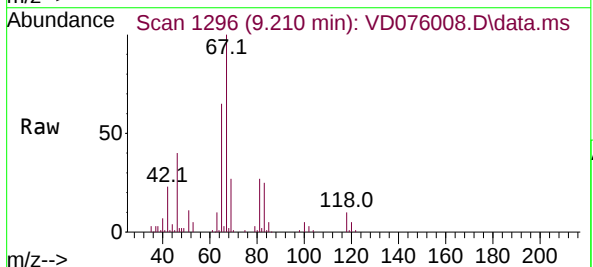


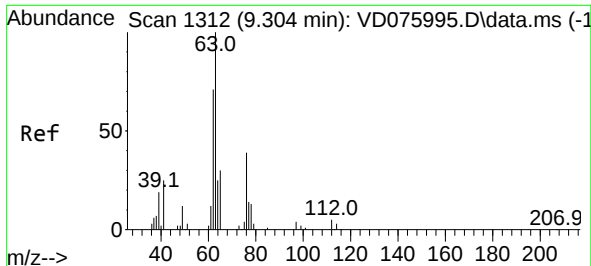
Tgt Ion: 95 Resp: 5924
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#



#35
Methylcyclohexane
Concen: 4.286 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Tgt Ion: 83 Resp: 24169
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.4 40.8 61.2#

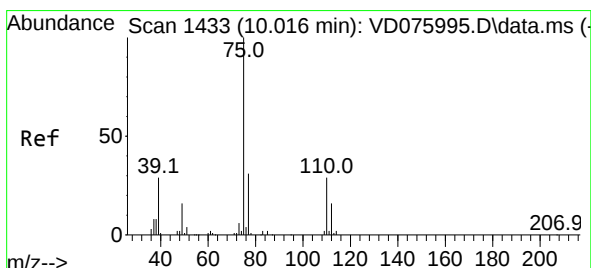
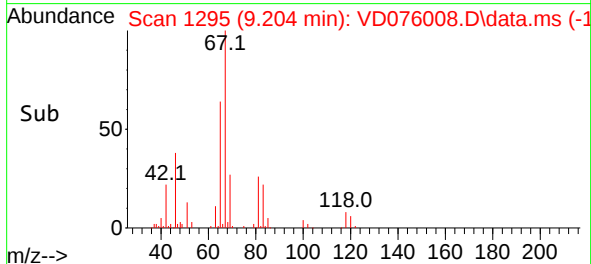
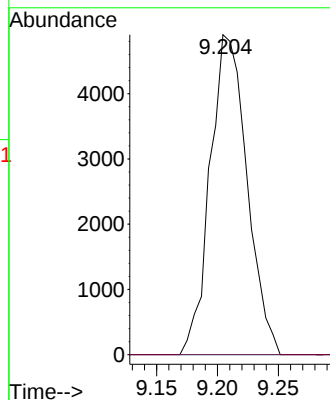
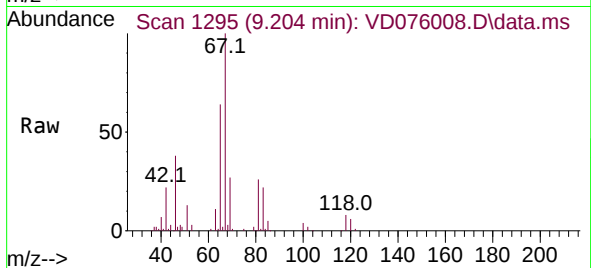




#37
1,2-Dichloropropane
Concen: 3.190 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

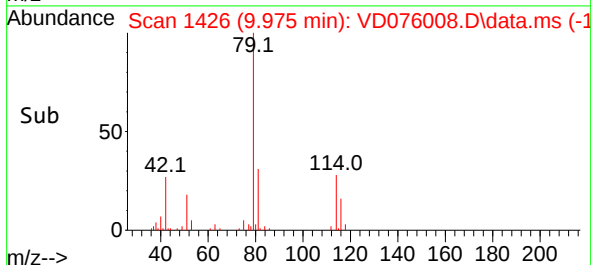
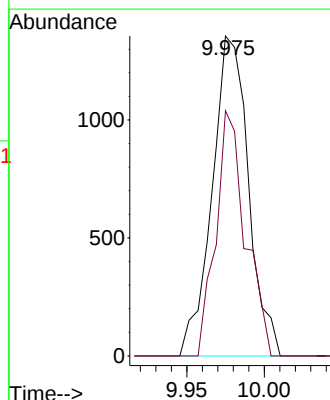
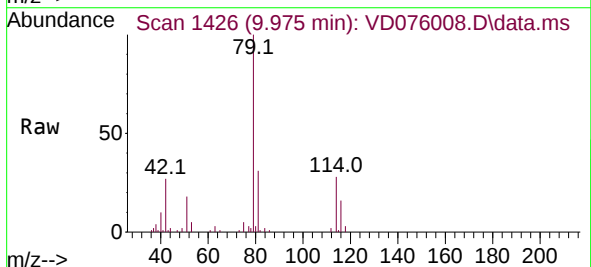
Instrument :
MSVOA_D
ClientSampleId :

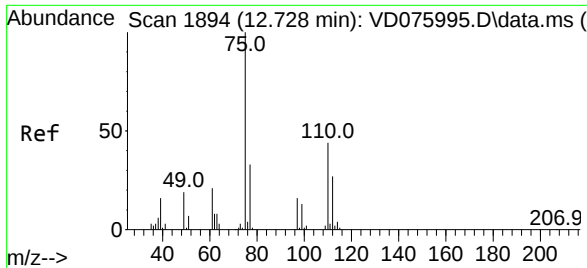
Tgt Ion: 63 Resp: 10364
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.428 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076008.D
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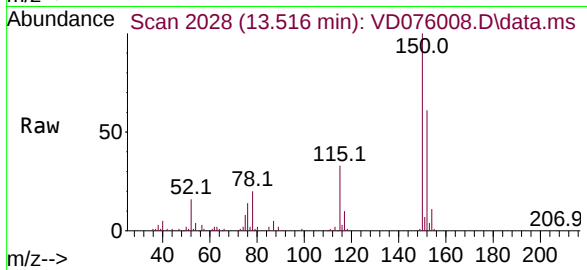
Tgt Ion: 75 Resp: 2212
Ion Ratio Lower Upper
75 100
77 76.6 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.387 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076008.D
 Acq: 04 May 2023 17:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	7978
Ion	Ratio	Lower	Upper
75	100		
77	25.3	26.6	39.8#
110	0.0	33.5	50.3#

