

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076046.D
 Acq On : 08 May 2023 18:34
 Operator : KP/SY
 Sample : 02591-34
 Misc : 5.12G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF3

Quant Time: May 09 02:38:20 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

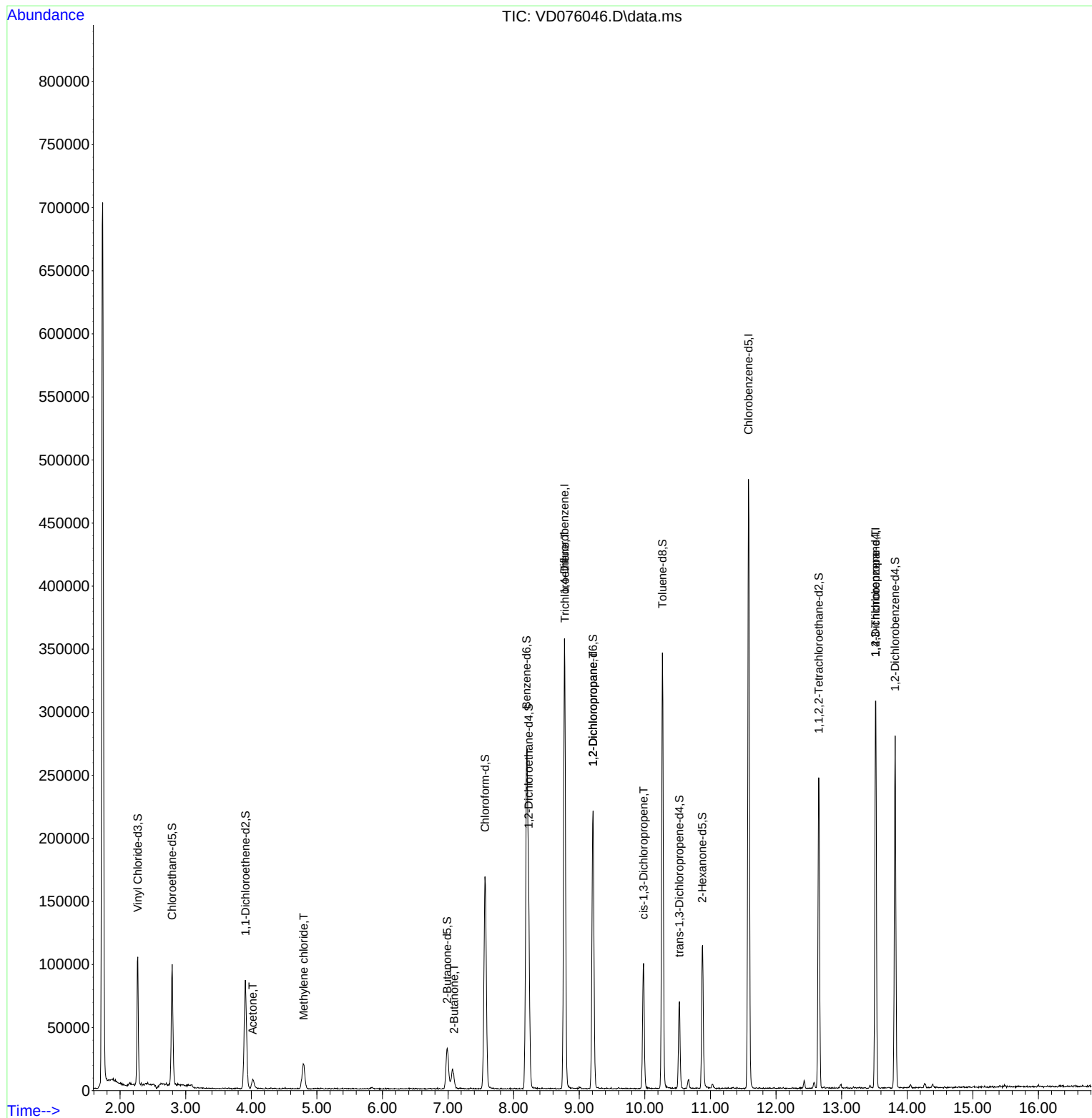
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	352414	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	308873	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94680	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	95589	12.364	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	49.440%	
7) Chloroethane-d5	2.793	69	103049	15.427	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	61.720%	
11) 1,1-Dichloroethene-d2	3.910	65	22897	12.846	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	51.400%	
21) 2-Butanone-d5	6.987	46	53969	80.413	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	160.820%#	
24) Chloroform-d	7.563	84	186070	21.114	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	84.440%	
26) 1,2-Dichloroethane-d4	8.228	65	91725	24.373	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	97.480%	
32) Benzene-d6	8.198	84	311098	17.281	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	69.120%	
36) 1,2-Dichloropropane-d6	9.210	67	119111	23.904	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	95.600%	
41) Toluene-d8	10.269	98	254048	15.074	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	60.280%	
43) trans-1,3-Dichloroprop...	10.528	79	41909	20.348	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	81.400%	
47) 2-Hexanone-d5	10.875	63	41708	69.516	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	139.040%#	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128425	33.681	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	134.720%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	81475	24.329	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	97.320%	
Target Compounds						
13) Acetone	4.022	43	12813	22.309	ug/L	87
16) Methylene chloride	4.799	84	17110	2.393	ug/L	92
22) 2-Butanone	7.093	43	999	1.334	ug/L	68
34) Trichloroethene	8.781	95	9087	1.881	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	11768	2.742	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2675	0.392	ug/L #	62
61) 1,2,3-Trichloropropane	13.516	75	10342	6.953	ug/L #	58

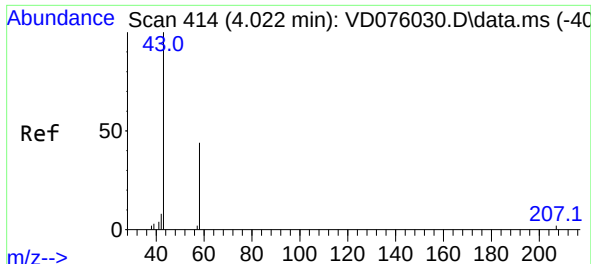
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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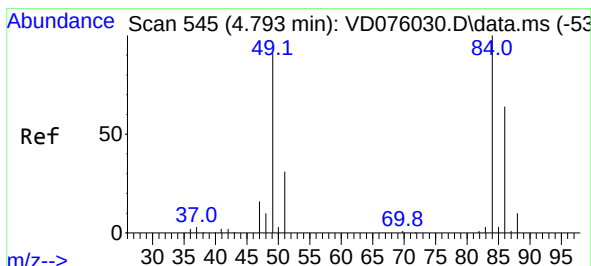
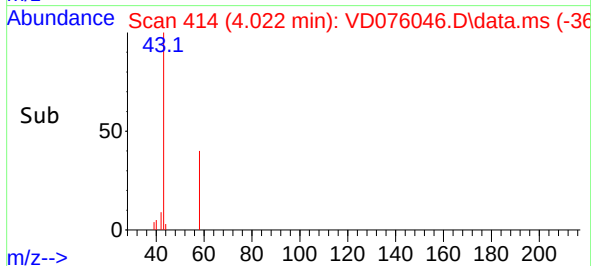
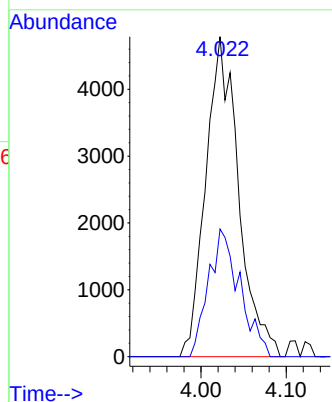
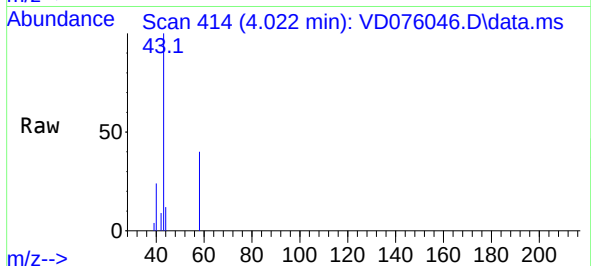




#13
Acetone
Concen: 22.309 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076046.D
Acq: 08 May 2023 18:34

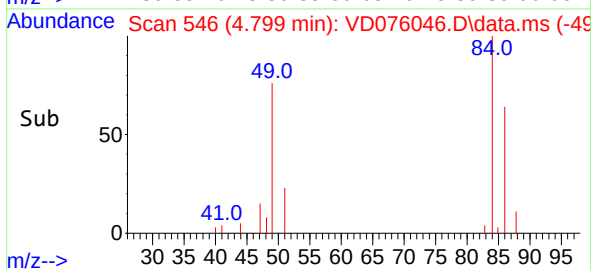
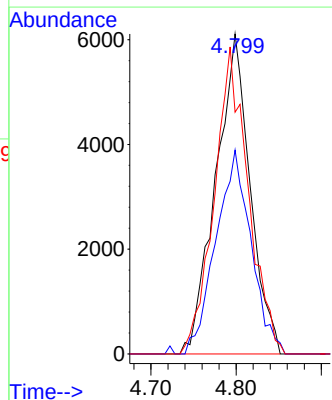
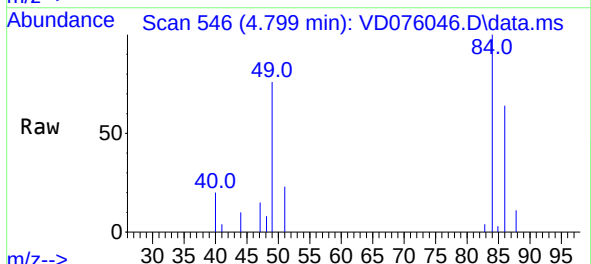
Instrument :
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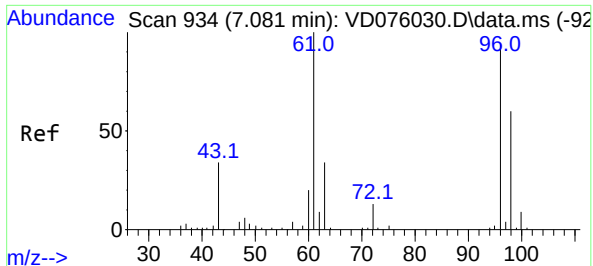
Tgt Ion: 43 Resp: 12813
Ion Ratio Lower Upper
43 100
58 35.1 0.0 87.4



#16
Methylene chloride
Concen: 2.393 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076046.D
Acq: 08 May 2023 18:34

Tgt Ion: 84 Resp: 17110
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.2
49 75.6 60.8 112.8

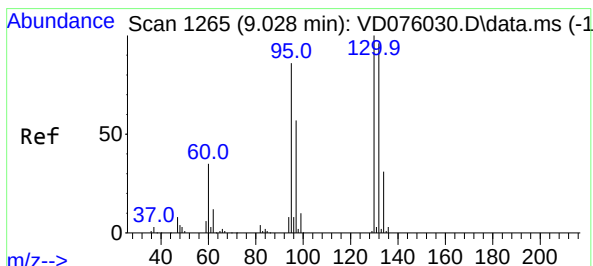
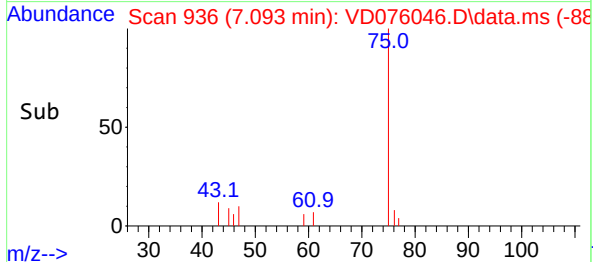
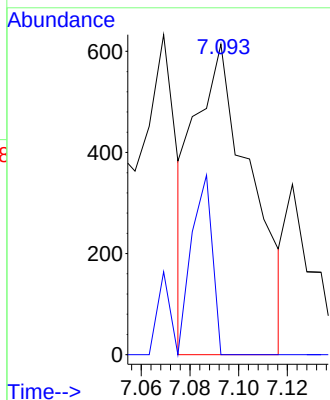
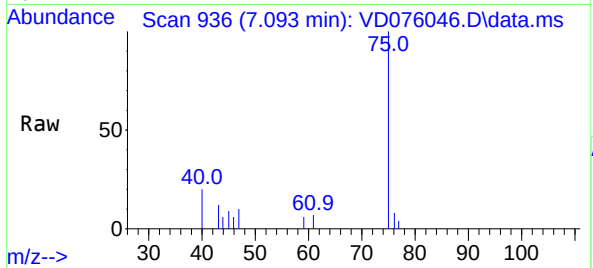




#22
2-Butanone
Concen: 1.334 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076046.D
Acq: 08 May 2023 18:34

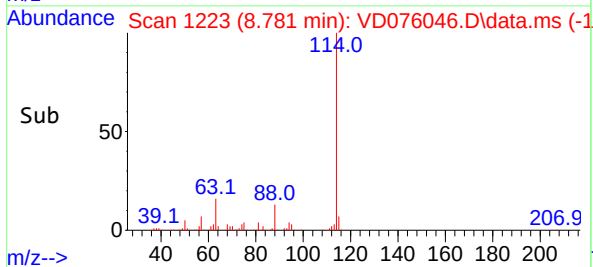
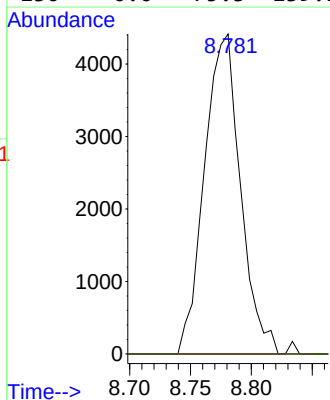
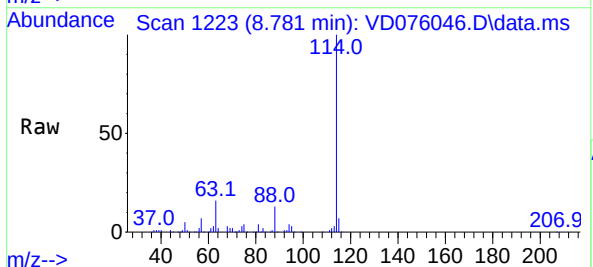
Instrument :
MSVOA_D
ClientSampleId :
JREF3

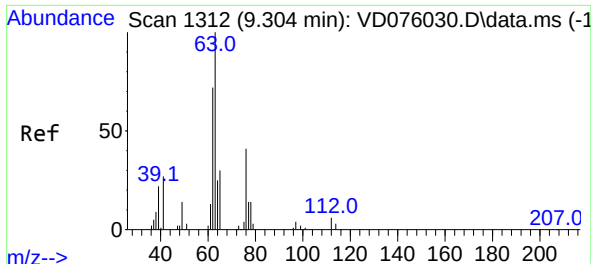
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
72 21.1 20.5 61.5



#34
Trichloroethene
Concen: 1.881 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076046.D
Acq: 08 May 2023 18:34

Tgt Ion: 95 Resp: 9087
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#

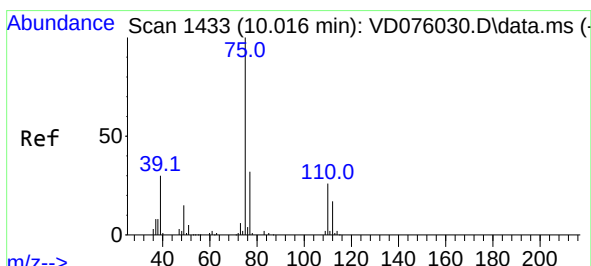
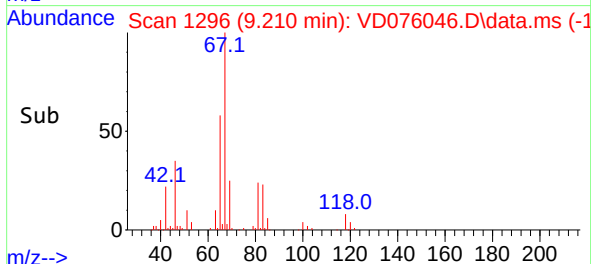
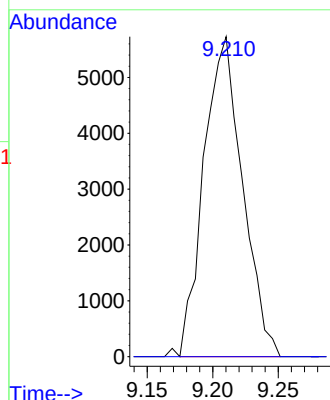
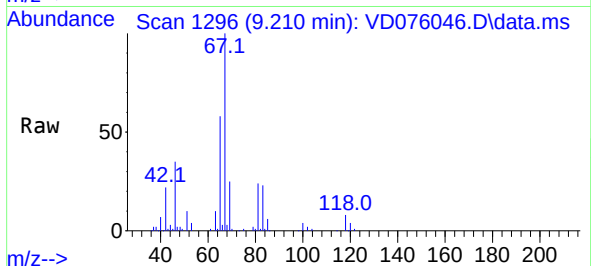




#37
1,2-Dichloropropane
Concen: 2.742 ug/L
RT: 9.210 min Scan# 11768
Delta R.T. -0.094 min
Lab File: VD076046.D
Acq: 08 May 2023 18:34

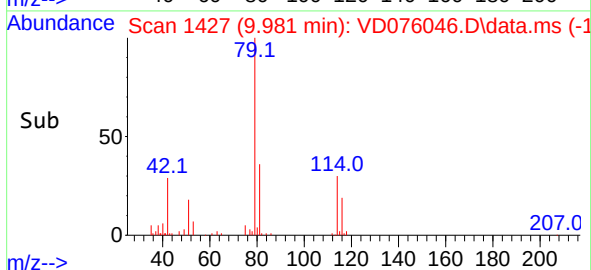
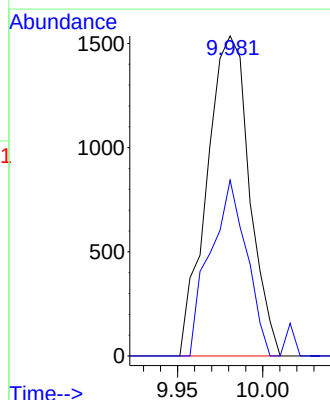
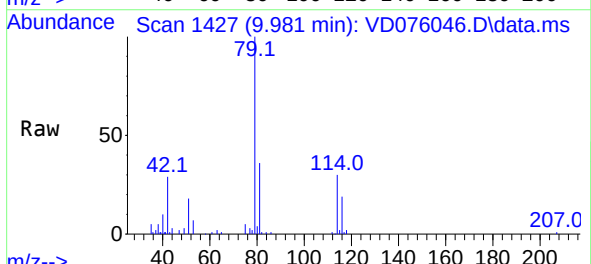
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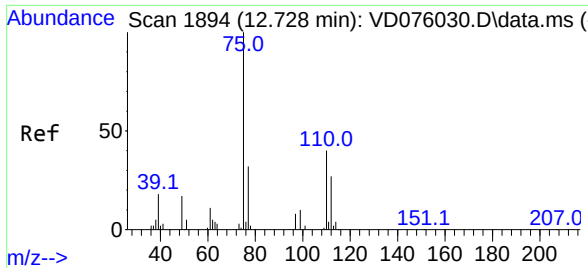
Tgt Ion: 63 Resp: 11768
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.392 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076046.D
Acq: 08 May 2023 18:34

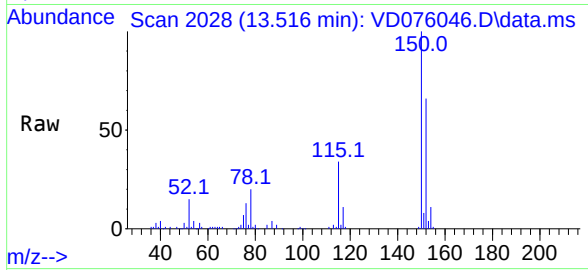
Tgt Ion: 75 Resp: 2675
Ion Ratio Lower Upper
75 100
77 54.9 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.953 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076046.D
 Acq: 08 May 2023 18:34

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF3



Tgt Ion: 75 Resp: 10342

Ion	Ratio	Lower	Upper
75	100		
77	26.3	26.6	39.8#
110	0.0	33.5	50.3#

