

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020224\
 Data File : VD078334.D
 Acq On : 02 Feb 2024 18:50
 Operator : RP/MD
 Sample : P1329-20
 Misc : 5.83G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0FM5

Quant Time: Feb 03 00:23:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 03 00:20:19 2024
 Response via : Initial Calibration

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

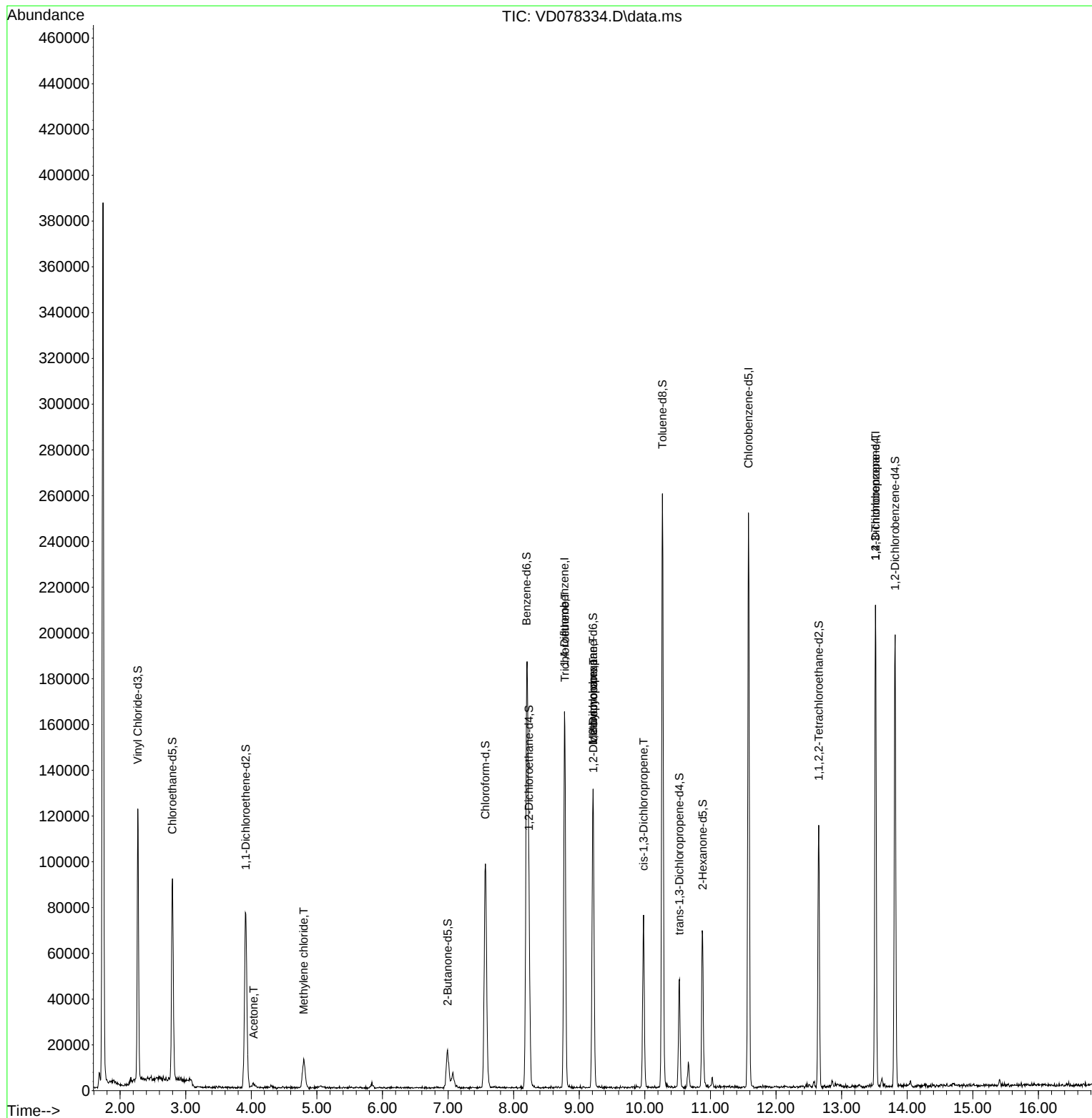
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	143767	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	141219	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	54329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	106570	26.127	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 104.520%		
7) Chloroethane-d5	2.799	69	89574	26.125	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 104.520%		
11) 1,1-Dichloroethene-d2	3.916	65	21956	24.930	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 99.720%		
21) 2-Butanone-d5	6.993	46	29286	48.765	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 97.540%		
24) Chloroform-d	7.569	84	100612	24.545	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	8.234	65	58788	26.576	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 106.320%		
32) Benzene-d6	8.199	84	204061	24.713	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 98.840%		
36) 1,2-Dichloropropane-d6	9.210	67	63891	25.133	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 100.520%		
41) Toluene-d8	10.269	98	177811	23.974	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 95.880%		
43) trans-1,3-Dichloroprop...	10.528	79	27566	24.285	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 97.160%		
47) 2-Hexanone-d5	10.881	63	24506	47.513	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 95.020%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57657	24.408	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 97.640%		
66) 1,2-Dichlorobenzene-d4	13.816	152	50134	25.776	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 103.120%		
Target Compounds						
						Qvalue
13) Acetone	4.034	43	1581	2.005	ug/L	96
16) Methylene chloride	4.799	84	5472	1.941	ug/L	93
34) Trichloroethene	8.781	95	4356	1.812	ug/L #	3
35) Methylcyclohexane	9.210	83	15622	4.154	ug/L #	21
37) 1,2-Dichloropropane	9.216	63	7230	2.883	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	1894	0.485	ug/L #	35
61) 1,2,3-Trichloropropane	13.516	75	7677	5.540	ug/L #	66

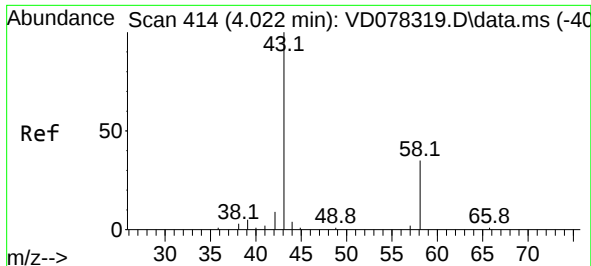
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

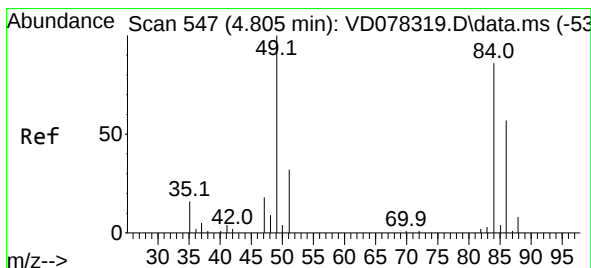
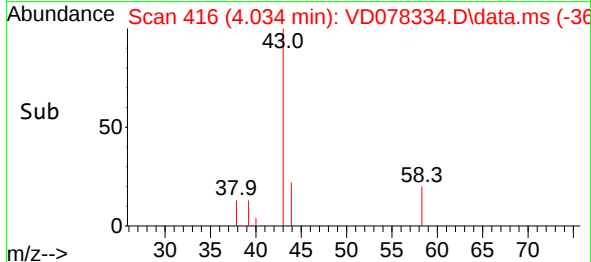
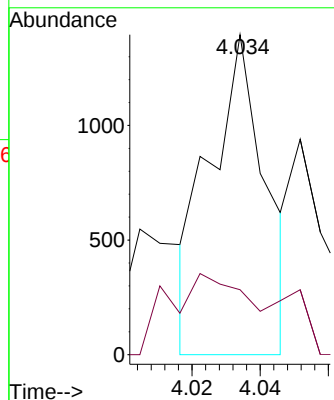
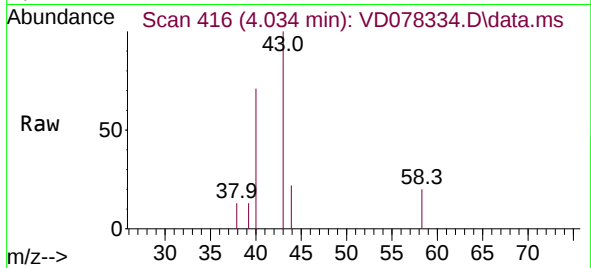




#13
Acetone
Concen: 2.005 ug/L
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD078334.D
Acq: 02 Feb 2024 18:50

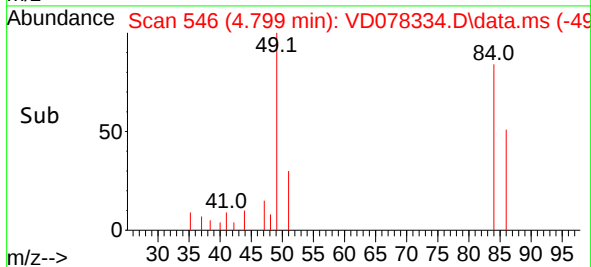
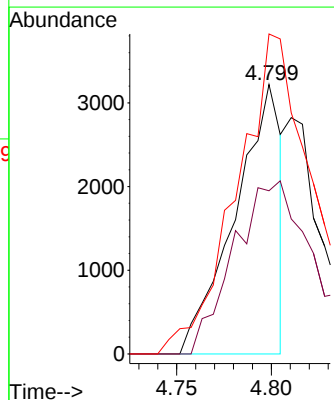
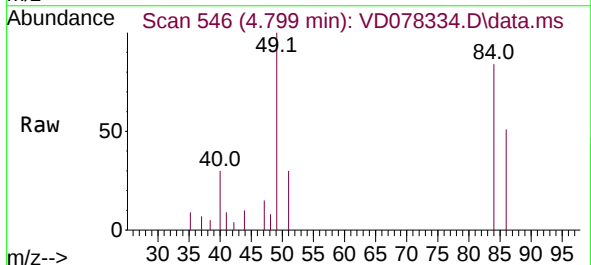
Instrument :
MSVOA_D
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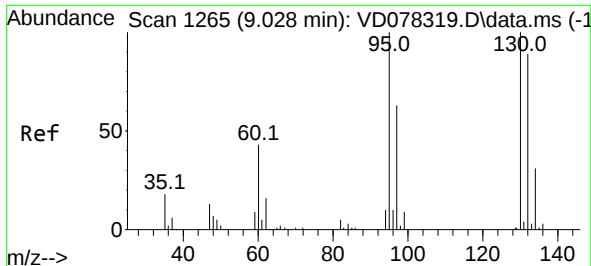
Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 36.1 0.0 67.2



#16
Methylene chloride
Concen: 1.941 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078334.D
Acq: 02 Feb 2024 18:50

Tgt Ion: 84 Resp: 5472
Ion Ratio Lower Upper
84 100
86 60.6 45.4 84.2
49 118.8 77.3 143.7

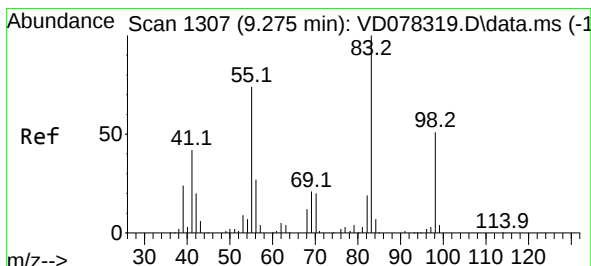
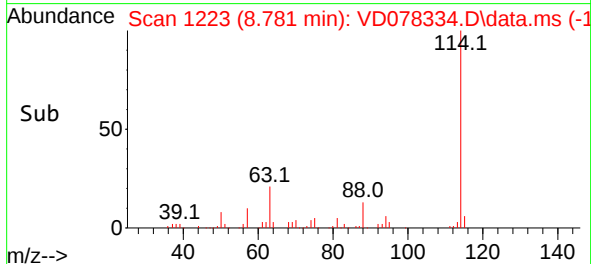
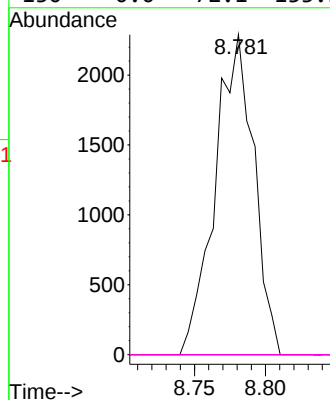
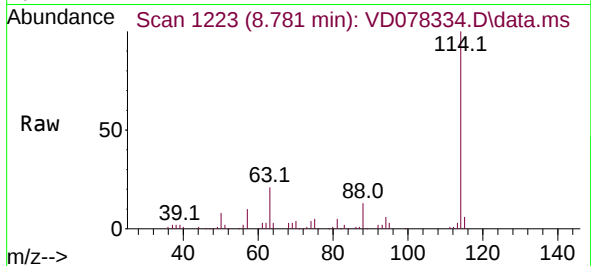




#34
Trichloroethene
Concen: 1.812 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.247 min
Lab File: VD078334.D
Acq: 02 Feb 2024 18:50

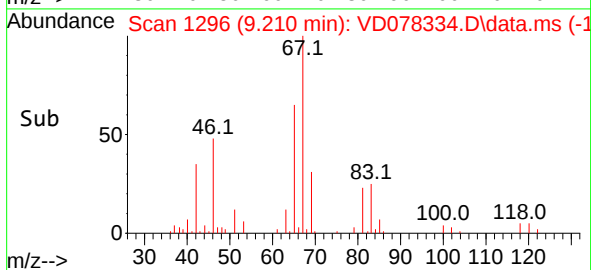
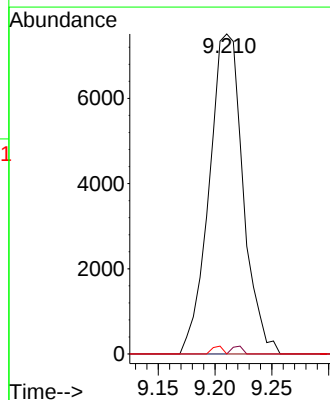
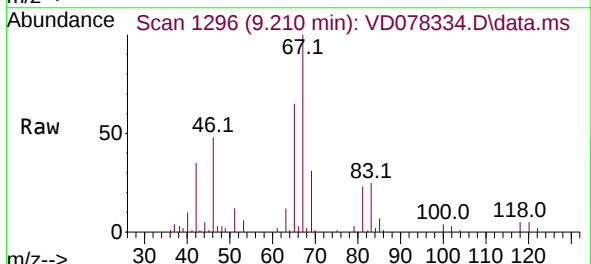
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MSVOA_D
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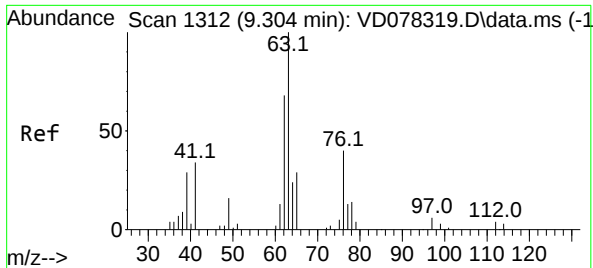
Tgt Ion: 95 Resp: 4356
Ion Ratio Lower Upper
95 100
97 0.0 46.9 87.1#
132 0.0 73.7 136.9#
130 0.0 72.1 133.9#



#35
Methylcyclohexane
Concen: 4.154 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078334.D
Acq: 02 Feb 2024 18:50

Tgt Ion: 83 Resp: 15622
Ion Ratio Lower Upper
83 100
55 0.8 56.2 84.4#
98 0.8 41.2 61.8#

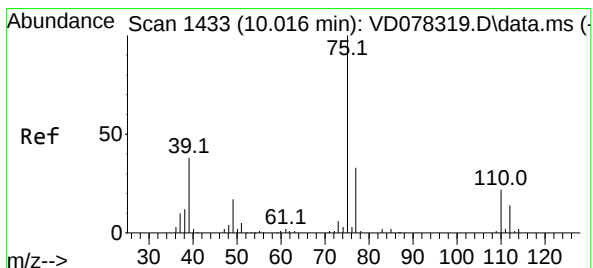
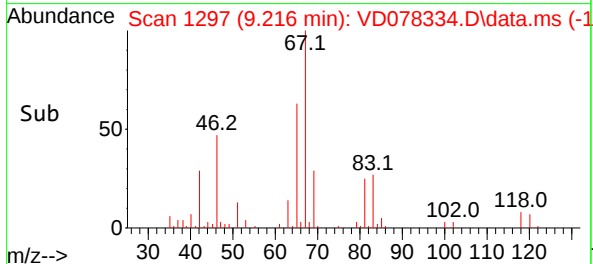
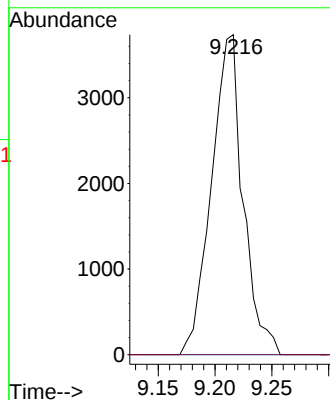
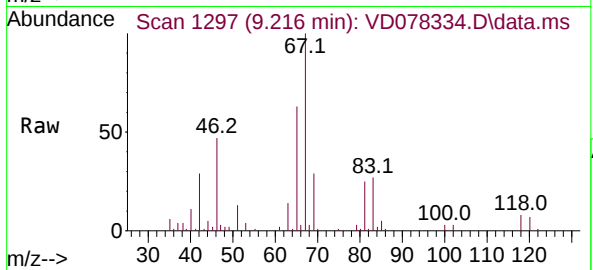




#37
1,2-Dichloropropane
Concen: 2.883 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD078334.D
Acq: 02 Feb 2024 18:50

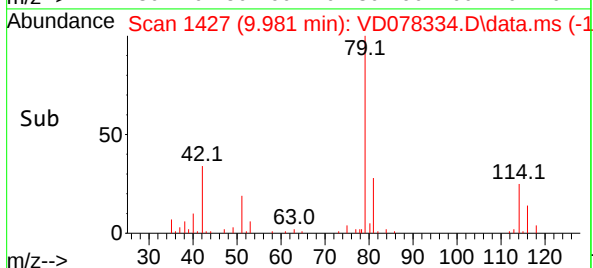
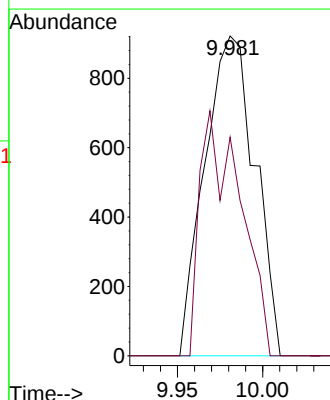
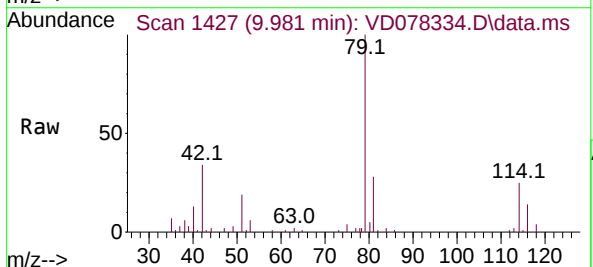
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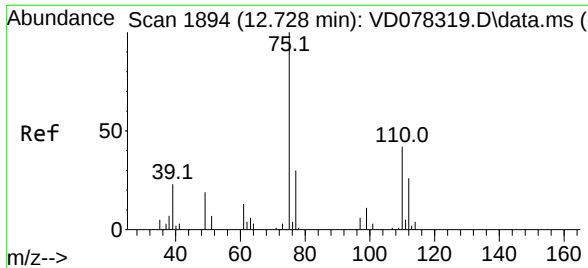
Tgt Ion: 63 Resp: 7230
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.485 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD078334.D
Acq: 02 Feb 2024 18:50

Tgt Ion: 75 Resp: 1894
Ion Ratio Lower Upper
75 100
77 68.3 22.3 41.5#





#61
 1,2,3-Trichloropropane
 Concen: 5.540 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD078334.D
 Acq: 02 Feb 2024 18:50

Instrument :
 MSVOA_D
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Tgt Ion: 75	Resp:	7677
Ion	Ratio	Lower Upper
75	100	
77	34.3	26.5 39.7
110	2.2	31.8 47.8#

