

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075879.D
 Acq On : 28 Apr 2023 10:57
 Operator : KP/SY
 Sample : 02419-20
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK002

Quant Time: Apr 29 02:56:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 02:40:46 2023
 Response via : Initial Calibration

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

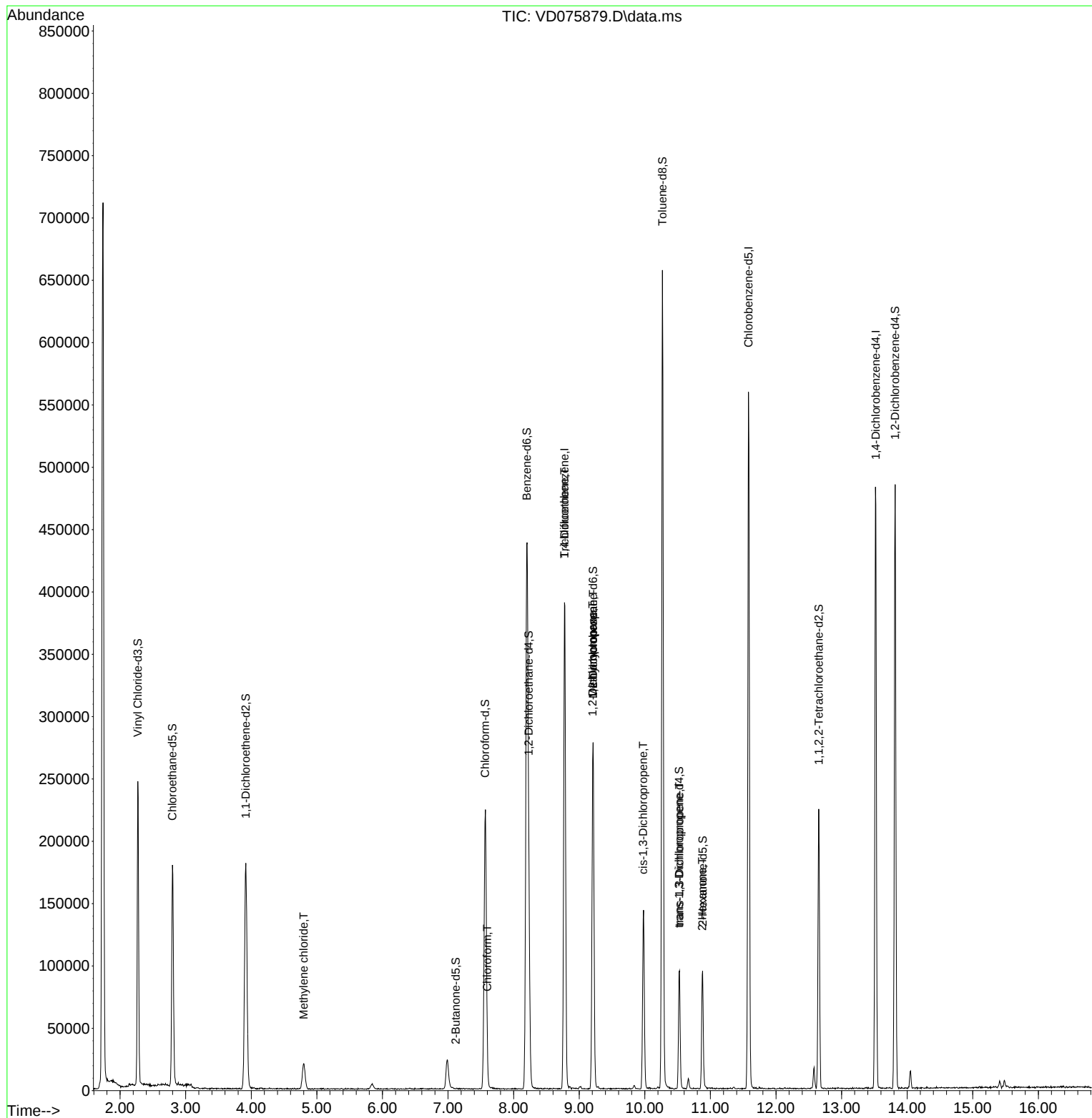
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	385274	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	357435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	234582	27.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.000%
7) Chloroethane-d5	2.799	69	195778	26.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.240%
11) 1,1-Dichloroethene-d2	3.917	65	49808	25.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.240%
21) 2-Butanone-d5	7.116	46	228	0.311	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.620%#
24) Chloroform-d	7.563	84	243291	25.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.228	65	109580	26.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.520%
32) Benzene-d6	8.199	84	520576	24.988	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	9.210	67	147177	25.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.269	98	479198	24.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	10.522	79	56837	23.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.881	63	34772	50.082	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	117357	26.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	141662	28.127	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.520%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	17658	2.259	ug/L	93
25) Chloroform	7.599	83	3826	0.410	ug/L	98
34) Trichloroethene	8.775	95	9370	1.676	ug/L #	2
35) Methylcyclohexane	9.210	83	36977	4.289	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	14651	2.950	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3589	0.454	ug/L #	54
44) trans-1,3-Dichloropropene	10.528	75	2675	0.422	ug/L	85
48) 2-Hexanone	10.875	43	3402	2.665	ug/L #	59

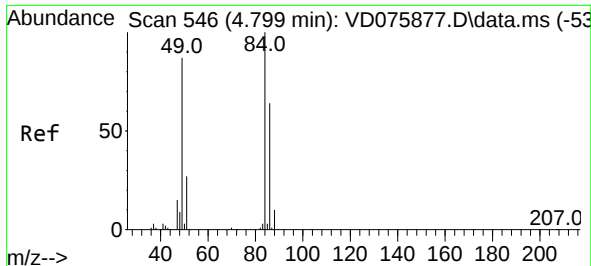
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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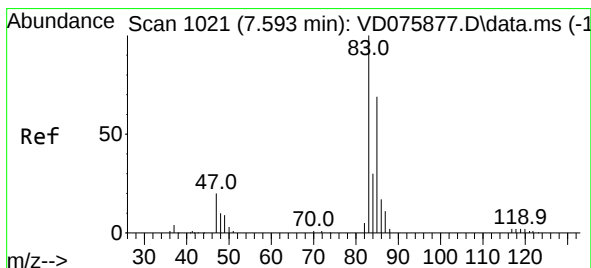
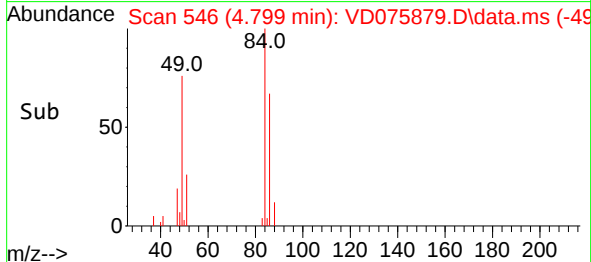
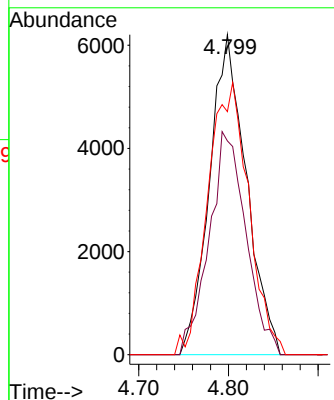
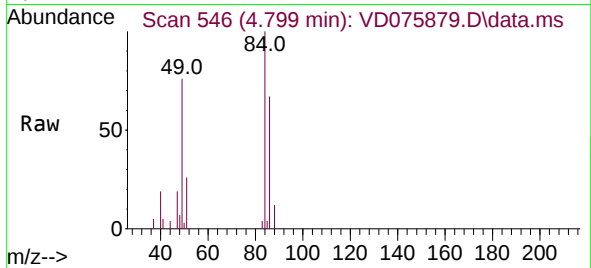




#16
Methylene chloride
Concen: 2.259 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075879.D
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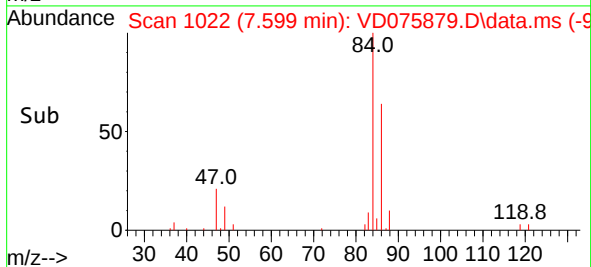
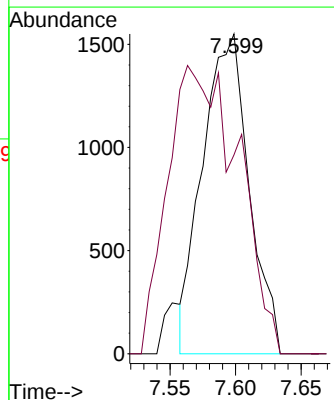
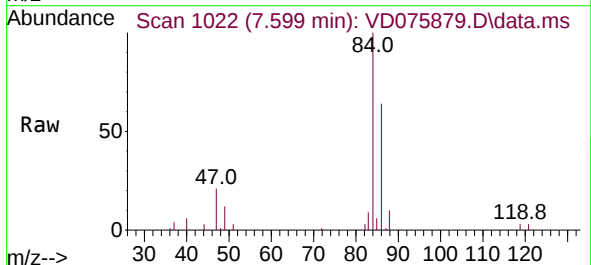
Instrument :
MSVOA_D
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VHBLK002

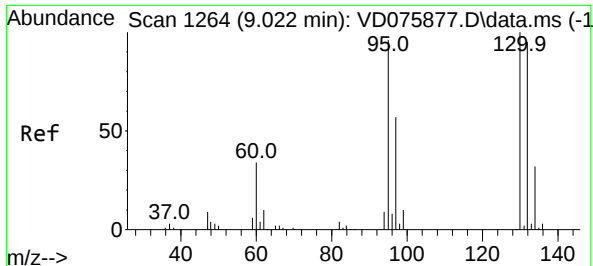
Tgt Ion: 84 Resp: 17658
Ion Ratio Lower Upper
84 100
86 66.8 45.8 85.2
49 76.0 60.8 112.8



#25
Chloroform
Concen: 0.410 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075879.D
Acq: 28 Apr 2023 10:57

Tgt Ion: 83 Resp: 3826
Ion Ratio Lower Upper
83 100
85 62.2 44.4 82.5

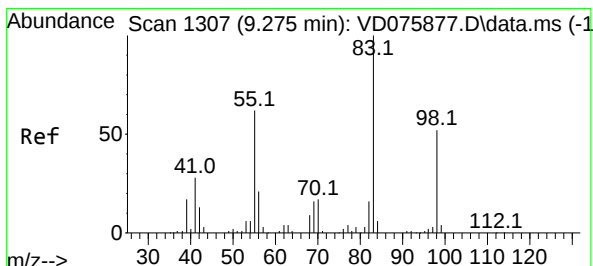
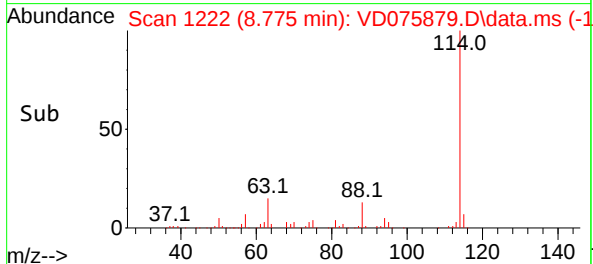
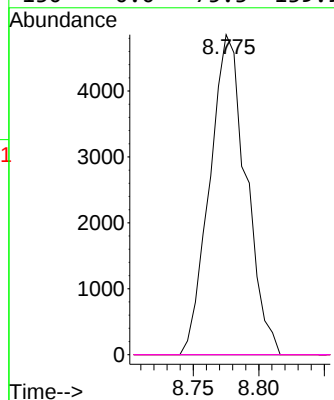
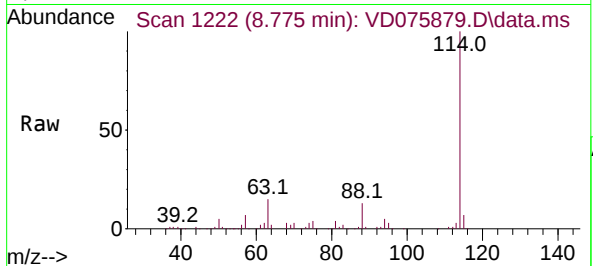




#34
Trichloroethene
Concen: 1.676 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD075879.D
Acq: 28 Apr 2023 10:57

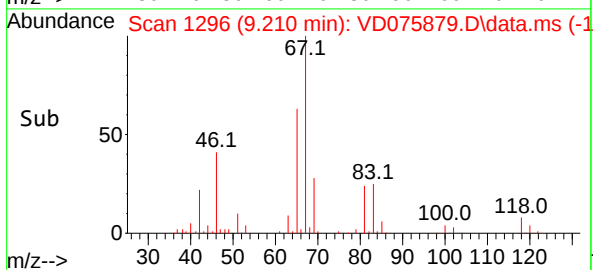
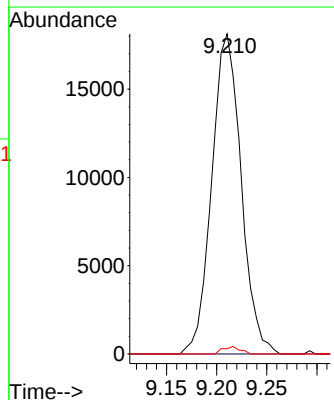
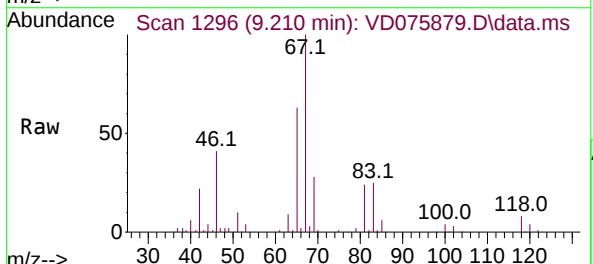
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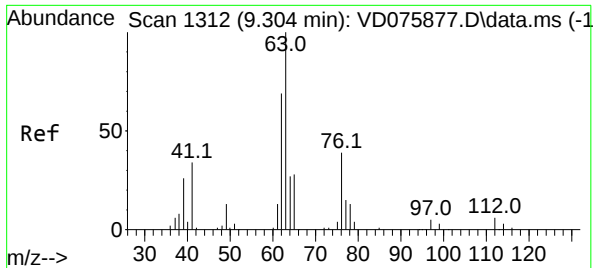
Tgt Ion: 95	Resp: 9370
Ion Ratio	Lower Upper
95 100	
97 0.0	46.0 85.4#
132 0.0	73.3 136.1#
130 0.0	75.3 139.9#



#35
Methylcyclohexane
Concen: 4.289 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075879.D
Acq: 28 Apr 2023 10:57

Tgt Ion: 83	Resp: 36977
Ion Ratio	Lower Upper
83 100	
55 0.0	48.2 72.2#
98 1.4	40.8 61.2#

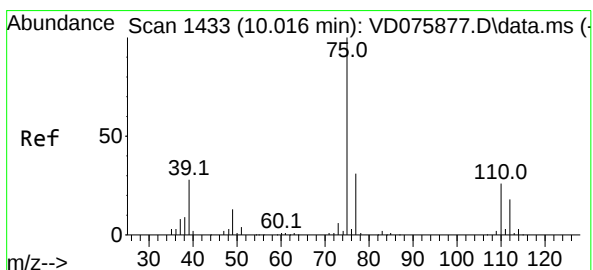
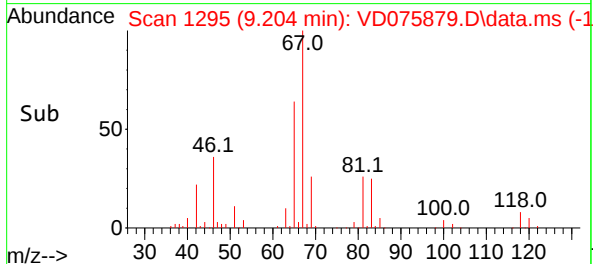
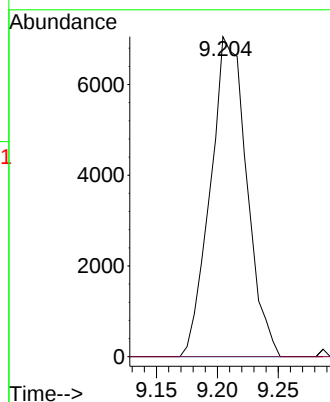
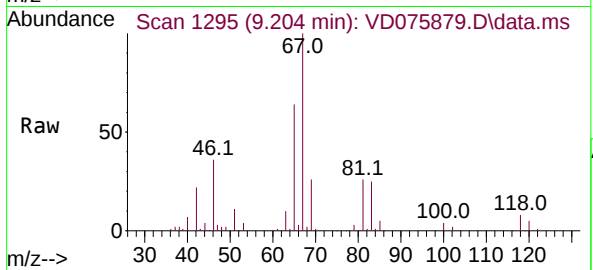




#37
1,2-Dichloropropane
Concen: 2.950 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD075879.D
Acq: 28 Apr 2023 10:57

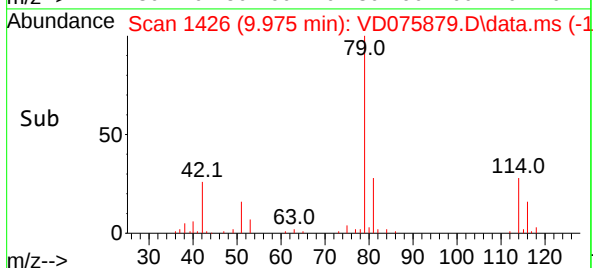
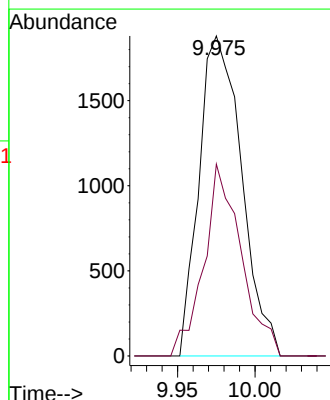
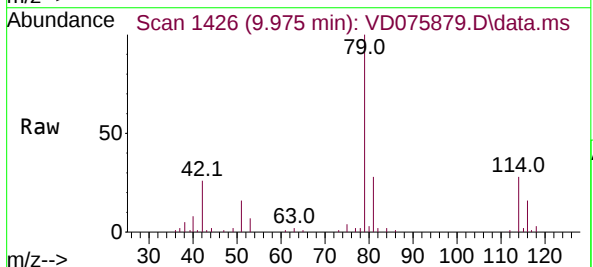
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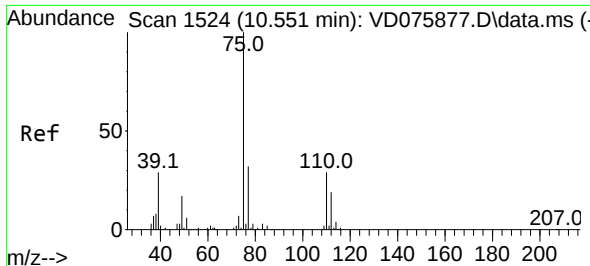
Tgt Ion: 63 Resp: 14651
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.454 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075879.D
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Tgt Ion: 75 Resp: 3589
Ion Ratio Lower Upper
75 100
77 59.9 23.4 43.6#

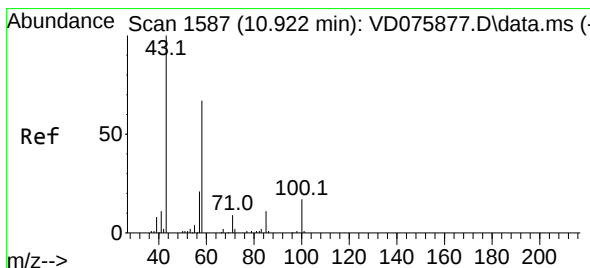
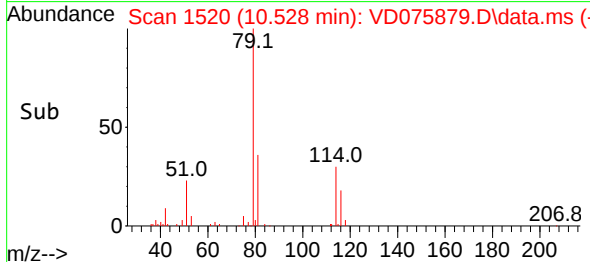
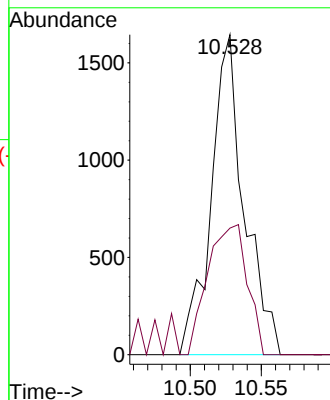
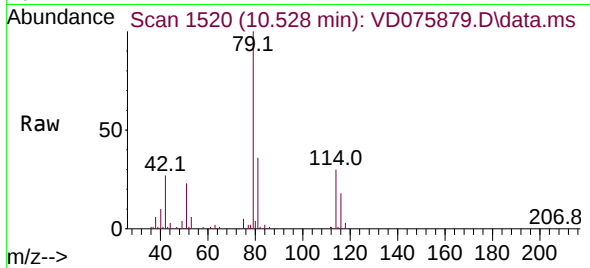




#44
trans-1,3-Dichloropropene
Concen: 0.422 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD075879.D
Acq: 28 Apr 2023 10:57

Instrument :
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ClientSampleId :
VHBLK002

Tgt Ion: 75 Resp: 2675
Ion Ratio Lower Upper
75 100
77 39.6 22.0 41.0



#48
2-Hexanone
Concen: 2.665 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.047 min
Lab File: VD075879.D
Acq: 28 Apr 2023 10:57

Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 39.6 59.7 89.5#
57 43.0 17.9 26.9#
100 3.5 15.8 23.6#

