

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076979.D
 Acq On : 11 Aug 2023 09:43
 Operator : JC/SY
 Sample : VD0811SBL01
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK143

Quant Time: Aug 12 02:20:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

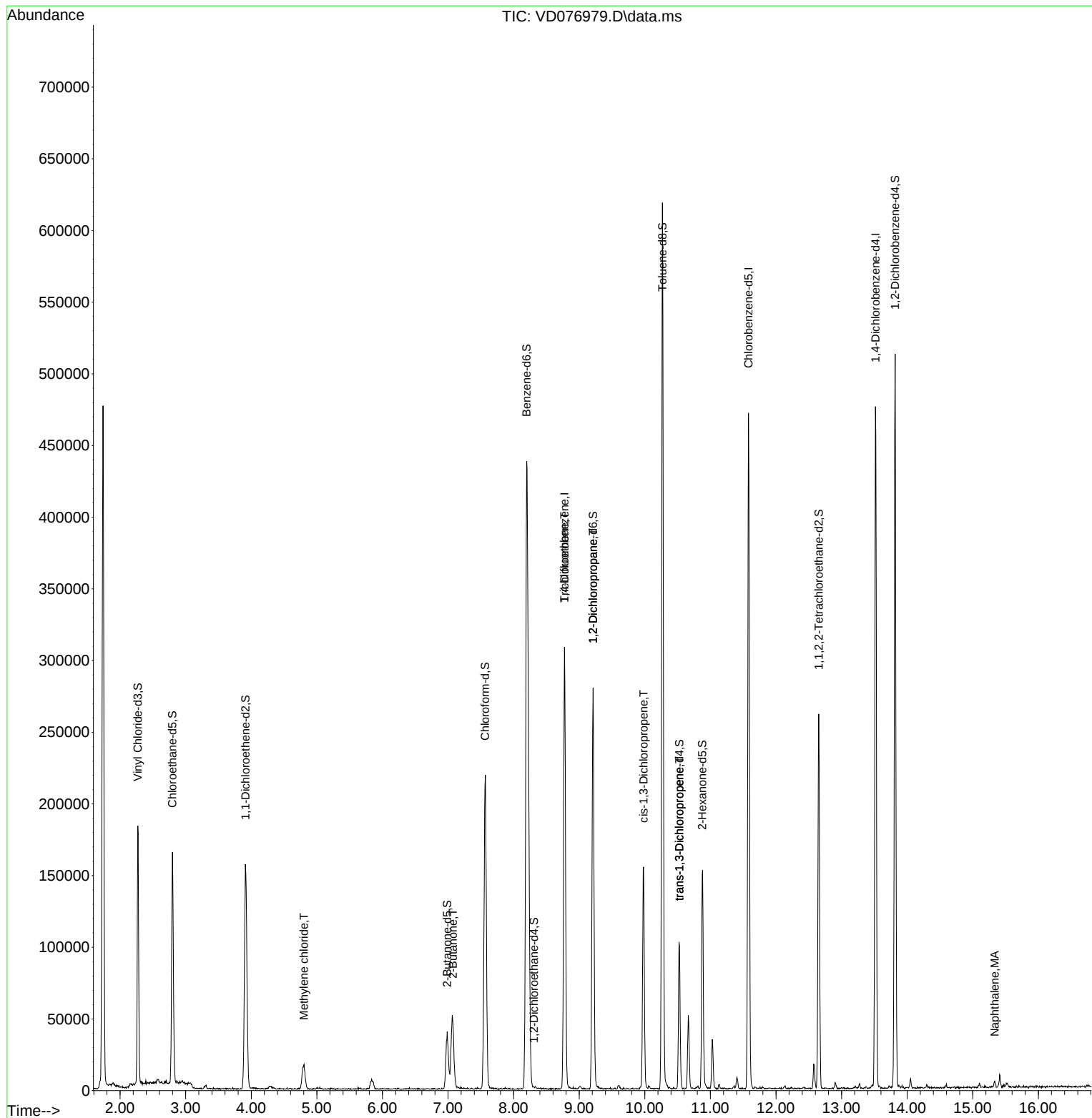
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	288188	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	289107	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	133571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	165054	20.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
7) Chloroethane-d5	2.799	69	164479	22.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	3.911	65	43008	22.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.600%
21) 2-Butanone-d5	6.987	46	63866	50.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
24) Chloroform-d	7.563	84	228446	24.343	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.310	65	105	0.022	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.199	84	471981	25.966	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.880%
36) 1,2-Dichloropropane-d6	9.210	67	138719	24.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	10.269	98	430943	25.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.440%
43) trans-1,3-Dichloroprop...	10.528	79	61319	24.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.875	63	55163	51.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	133737	24.765	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	138242	28.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.240%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	14723	2.435	ug/L #	69
22) 2-Butanone	7.075	43	1665	0.915	ug/L	79
34) Trichloroethene	8.775	95	7561	1.532	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	14338	2.978	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	4412	0.568	ug/L	84
44) trans-1,3-Dichloropropene	10.528	75	2927	0.431	ug/L	98
71) Naphthalene	15.334	128	4428	0.390	ug/L #	88

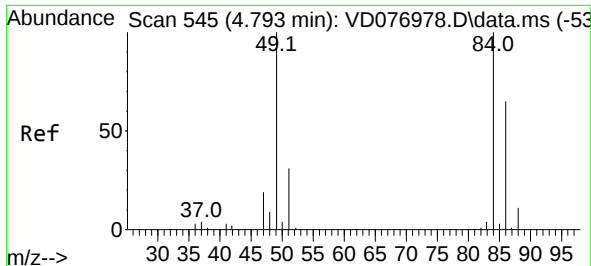
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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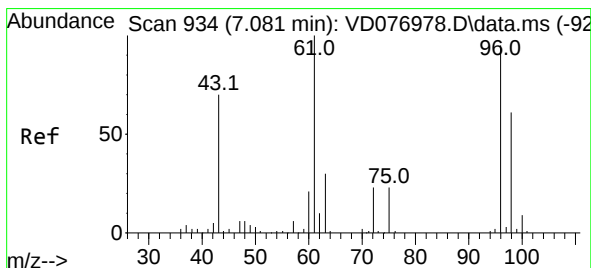
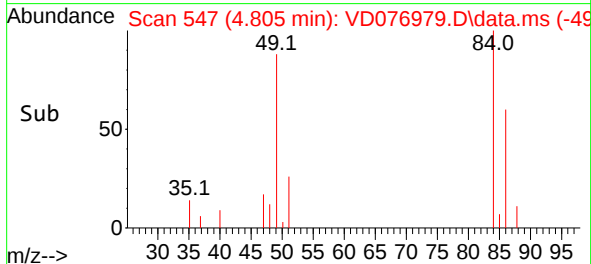
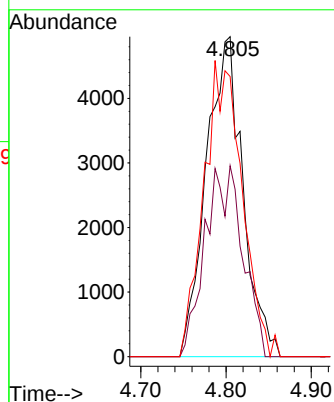
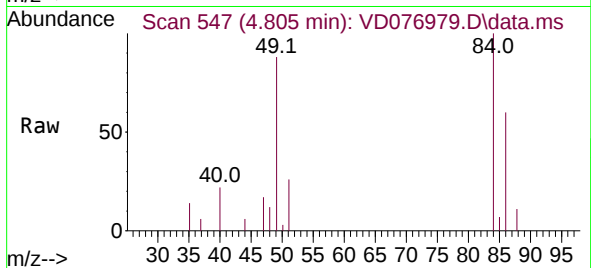




#16
Methylene chloride
Concen: 2.435 ug/L
RT: 4.805 min Scan# 545
Delta R.T. 0.012 min
Lab File: VD076979.D
Acq: 11 Aug 2023 09:43

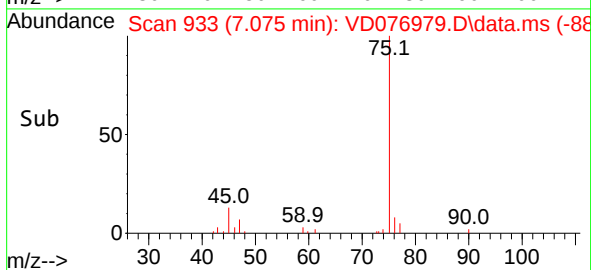
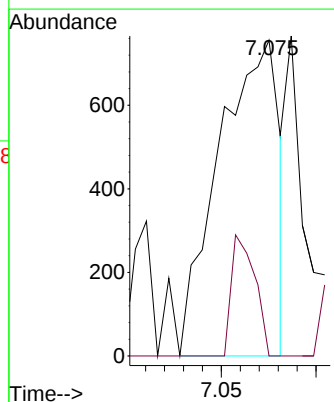
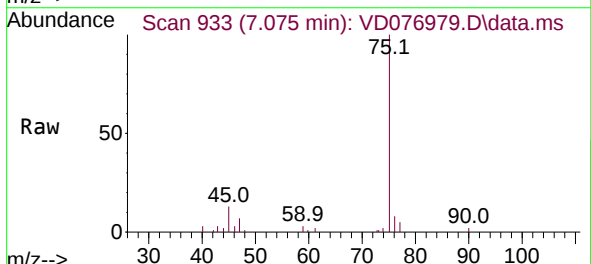
Instrument :
MSVOA_D
ClientSampleId :
VBLK143

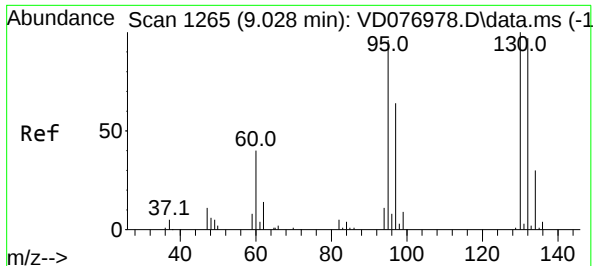
Tgt Ion: 84 Resp: 14723
Ion Ratio Lower Upper
84 100
86 59.7 45.1 83.9
49 87.6 97.2 180.6#



#22
2-Butanone
Concen: 0.915 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076979.D
Acq: 11 Aug 2023 09:43

Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
72 15.0 12.9 38.7

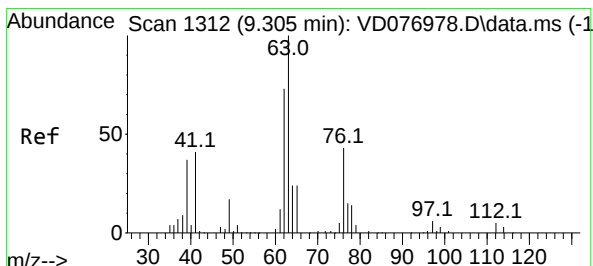
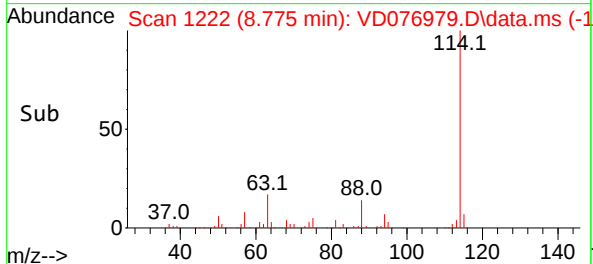
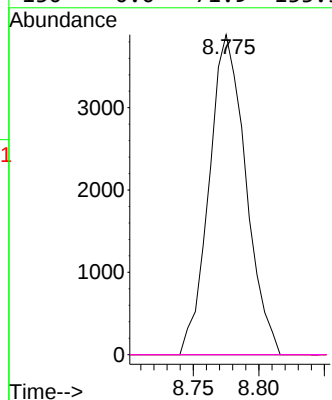
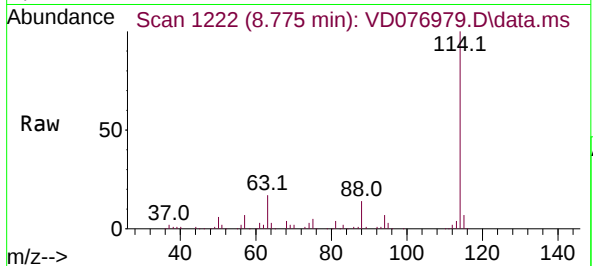




#34
 Trichloroethene
 Concen: 1.532 ug/L
 RT: 8.775 min Scan# 1296
 Delta R.T. -0.253 min
 Lab File: VD076979.D
 Acq: 11 Aug 2023 09:43

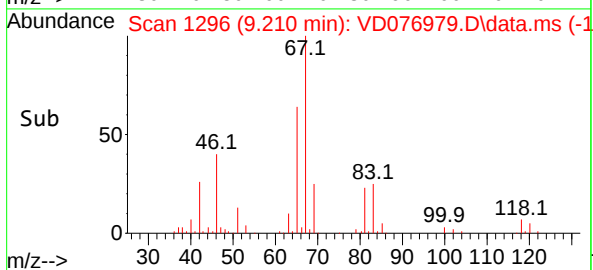
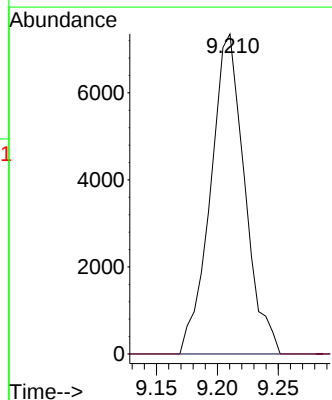
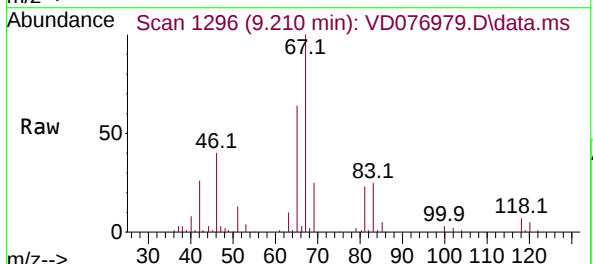
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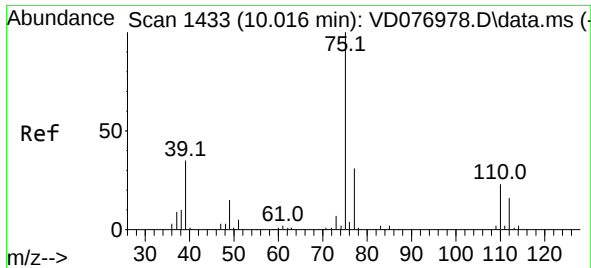
Tgt Ion: 95	Resp: 7561
Ion Ratio	Lower Upper
95	100
97	0.0 43.1 80.1#
132	0.0 71.8 133.4#
130	0.0 71.9 133.5#



#37
 1,2-Dichloropropane
 Concen: 2.978 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD076979.D
 Acq: 11 Aug 2023 09:43

Tgt Ion: 63	Resp: 14338
Ion Ratio	Lower Upper
63	100
112	0.0 3.1 4.7#

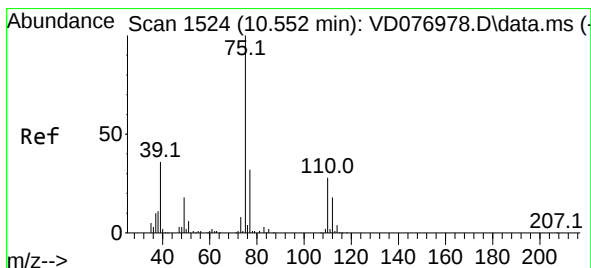
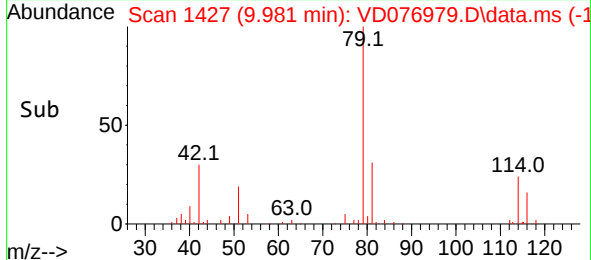
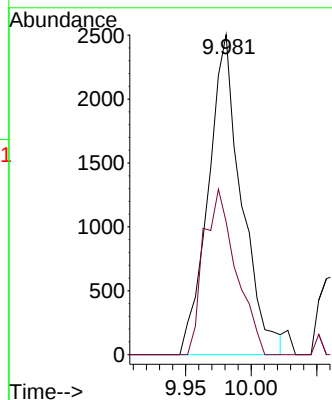
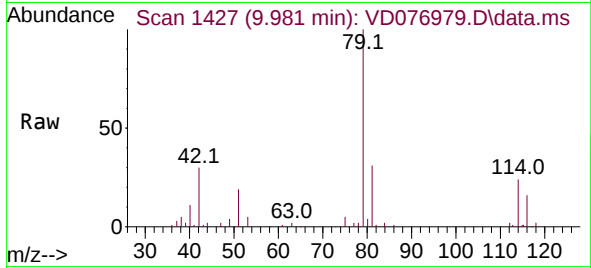




#39
cis-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD076979.D
Acq: 11 Aug 2023 09:43

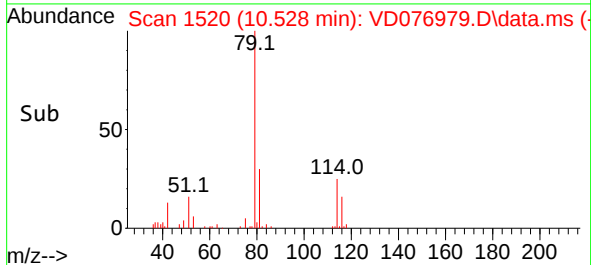
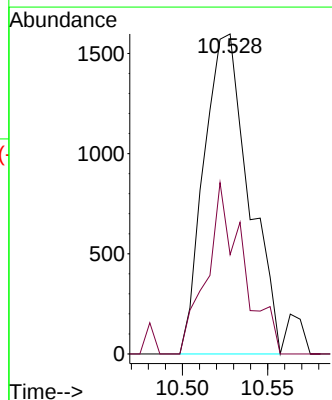
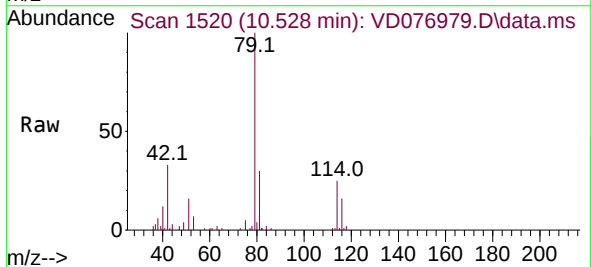
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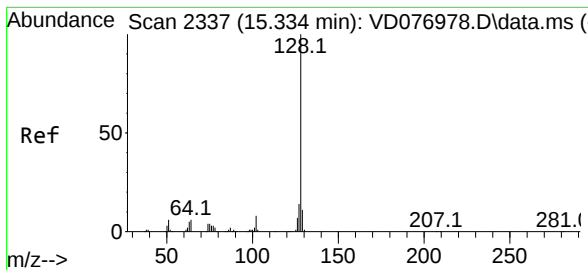
Tgt Ion: 75 Resp: 4412
Ion Ratio Lower Upper
75 100
77 41.5 22.7 42.3



#44
trans-1,3-Dichloropropene
Concen: 0.431 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.024 min
Lab File: VD076979.D
Acq: 11 Aug 2023 09:43

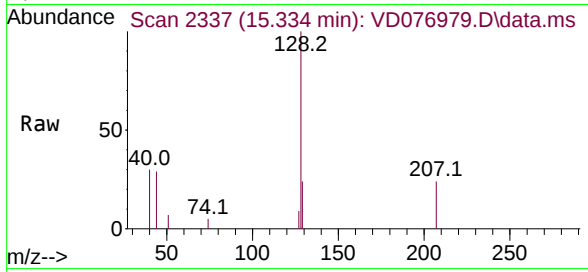
Tgt Ion: 75 Resp: 2927
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7





#71
Naphthalene
Concen: 0.390 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076979.D
Acq: 11 Aug 2023 09:43

Instrument :
MSVOA_D
ClientSampleId :
VBLK143



Tgt Ion:	128	Resp:	4428
Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.8	16.2#
129	9.5	8.6	12.8

