

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056728.D
 Acq On : 11 Dec 2023 13:29
 Operator : MD/SY
 Sample : VU1211WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK094

Quant Time: Dec 12 01:09:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

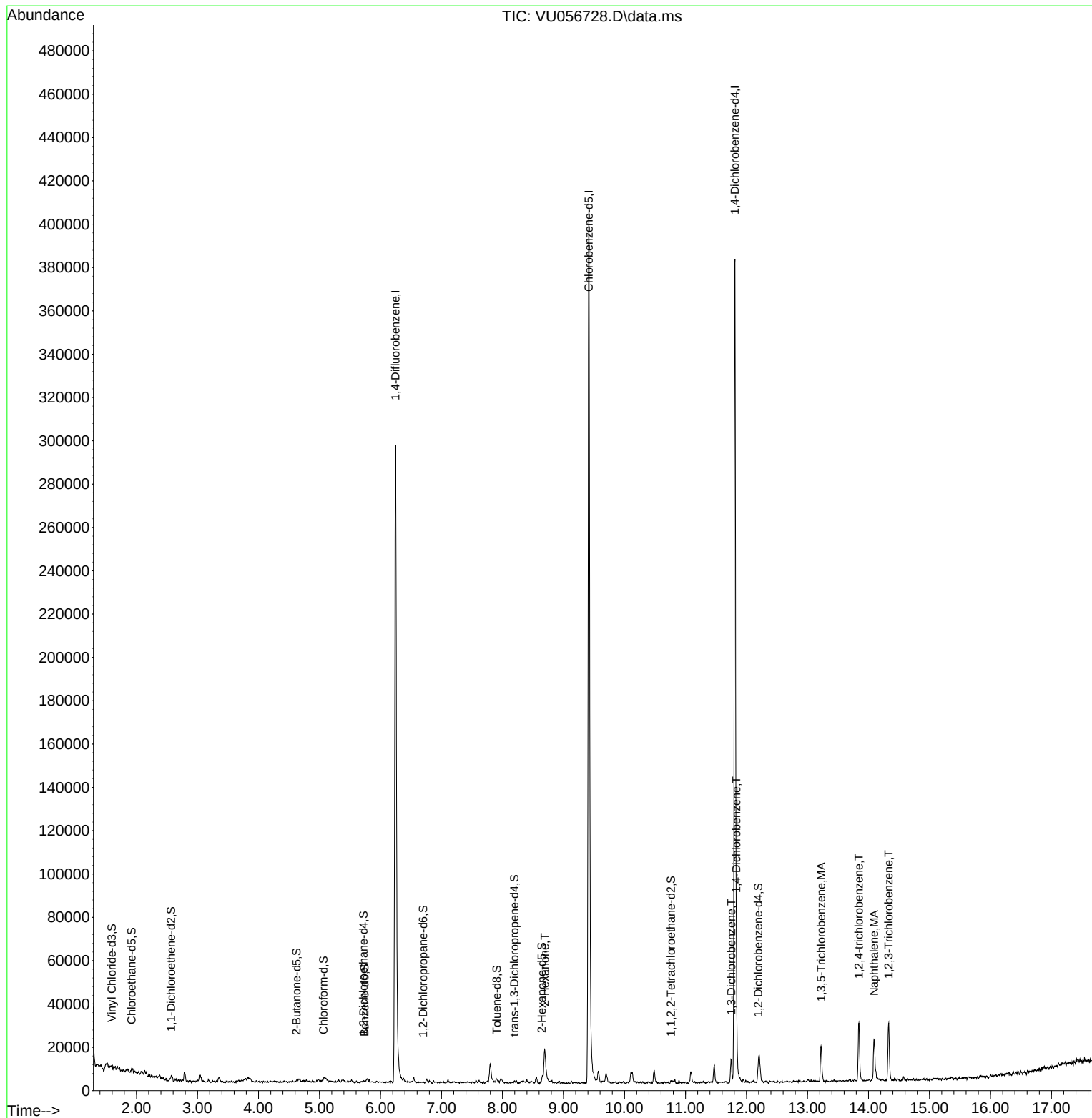
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	243433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	104304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	496	0.023	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.917	69	117	0.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	2.567	65	174	0.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.400%#
20) 2-Butanone-d5	4.624	46	20	0.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.065	84	157	0.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	5.721	65	125	0.007	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.200%#
32) Benzene-d6	5.737	84	990	0.013	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.200%#
36) 1,2-Dichloropropane-d6	6.698	67	121	0.005	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.200%#
41) Toluene-d8	7.904	98	1571	0.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	8.193	79	167	0.018	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.400%#
46) 2-Hexanone-d5	8.647	63	342	0.099	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.200%#
56) 1,1,2,2-Tetrachloroeth...	10.762	84	421	0.025	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	0.400%#
66) 1,2-Dichlorobenzene-d4	12.193	152	2786	0.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	2.800%#
Target Compounds						
48) 2-Hexanone	8.695	43	14152	1.912	ug/L #	80
64) 1,3-Dichlorobenzene	11.749	146	4638	0.119	ug/L	87
65) 1,4-Dichlorobenzene	11.833	146	6799	0.177	ug/L	95
69) 1,3,5-Trichlorobenzene	13.222	180	5920	0.201	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	9033	0.387	ug/L	95
71) Naphthalene	14.093	128	20237	0.593	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.331	180	9375	0.473	ug/L	96

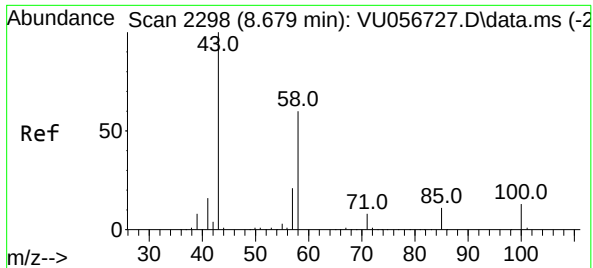
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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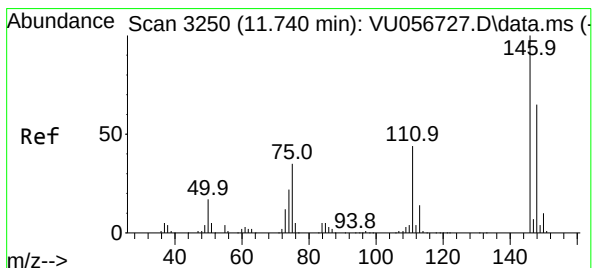
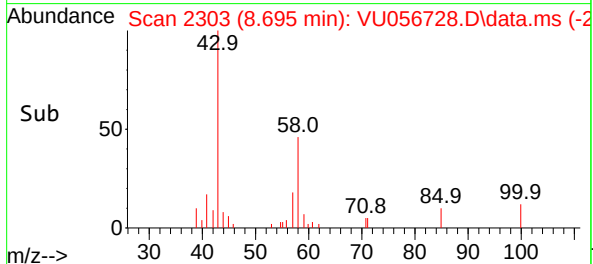
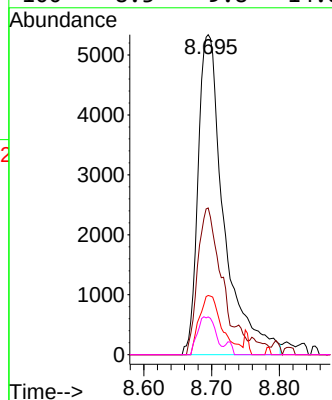
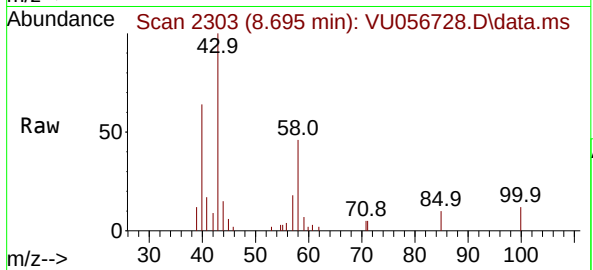




#48
2-Hexanone
Concen: 1.912 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU056728.D
Acq: 11 Dec 2023 13:29

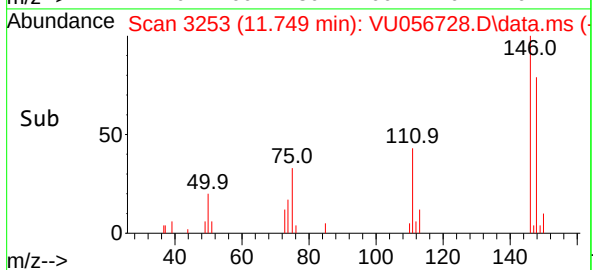
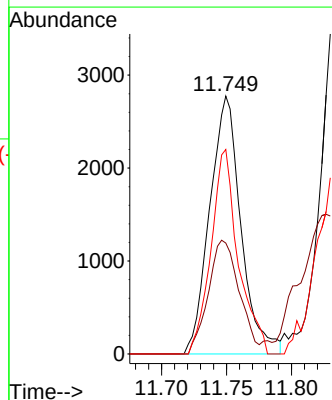
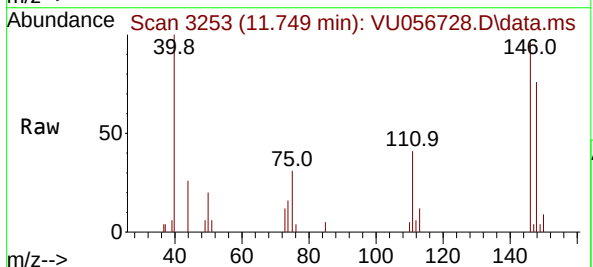
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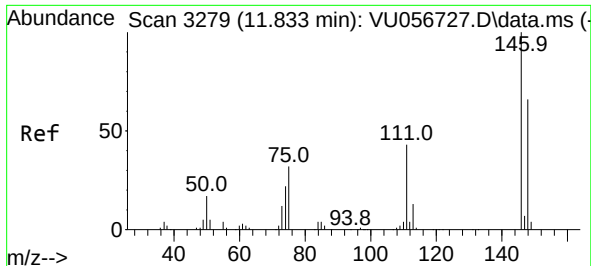
Tgt Ion:	43	Resp:	14152
Ion	Ratio	Lower	Upper
43	100		
58	40.4	47.5	71.3#
57	16.2	17.0	25.4#
100	8.3	9.8	14.8#



#64
1,3-Dichlorobenzene
Concen: 0.119 ug/L
RT: 11.749 min Scan# 3253
Delta R.T. 0.010 min
Lab File: VU056728.D
Acq: 11 Dec 2023 13:29

Tgt Ion:	146	Resp:	4638
Ion	Ratio	Lower	Upper
146	100		
111	43.0	31.7	58.9
148	79.3	44.3	82.3

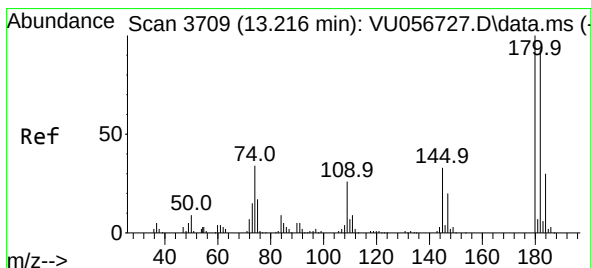
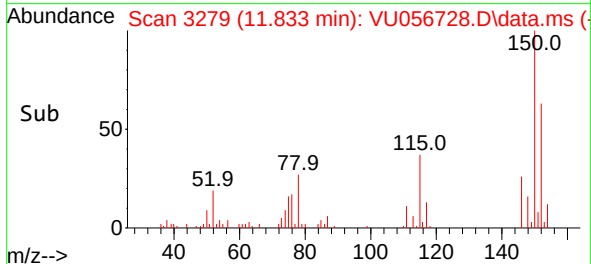
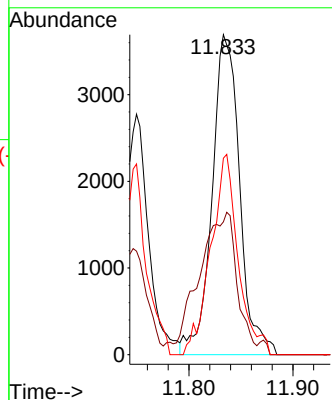
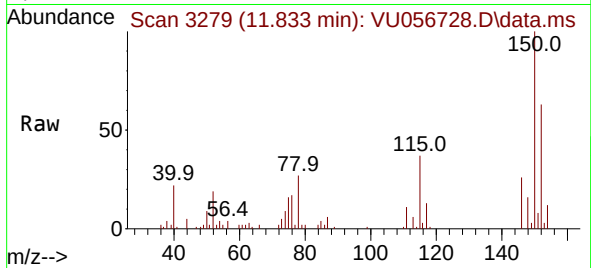




#65
1,4-Dichlorobenzene
Concen: 0.177 ug/L
RT: 11.833 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VU056728.D
Acq: 11 Dec 2023 13:29

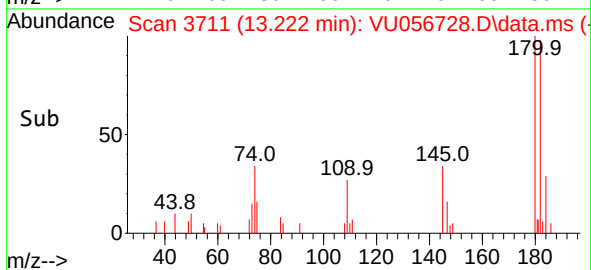
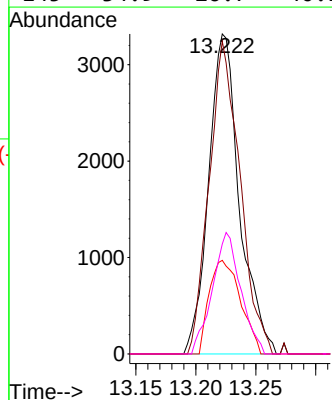
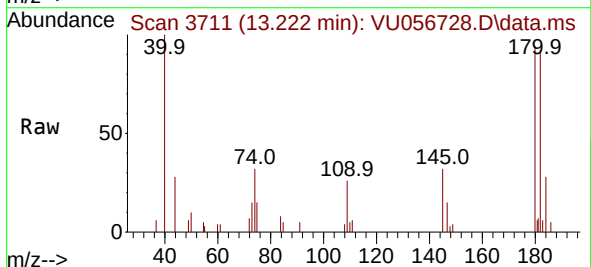
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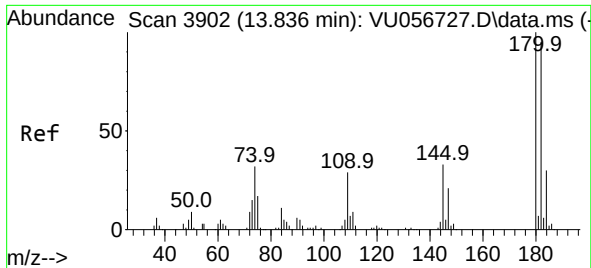
Tgt Ion:	146	Resp:	6799
Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.2	58.0
148	61.4	45.6	84.8



#69
1,3,5-Trichlorobenzene
Concen: 0.201 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.006 min
Lab File: VU056728.D
Acq: 11 Dec 2023 13:29

Tgt Ion:	180	Resp:	5920
Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.2	114.4
184	29.7	24.6	37.0
145	34.9	26.7	40.1

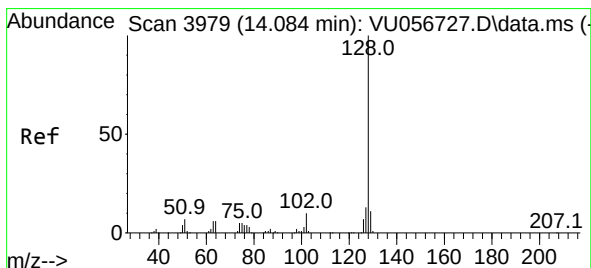
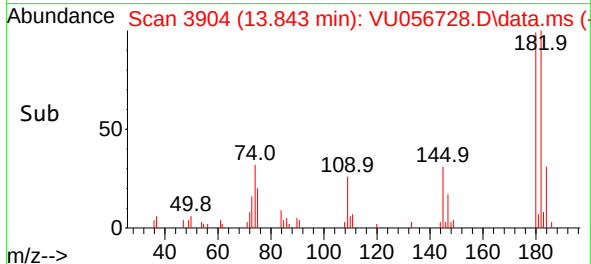
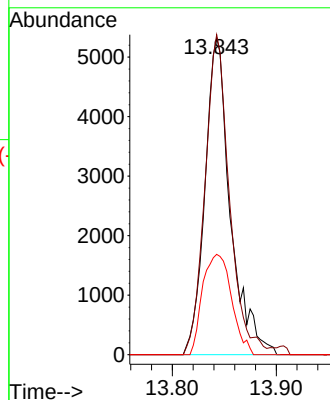
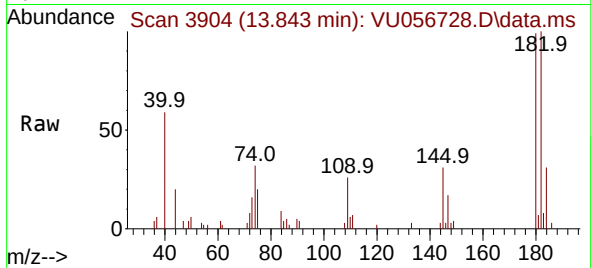




#70
1,2,4-trichlorobenzene
Concen: 0.387 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU056728.D
Acq: 11 Dec 2023 13:29

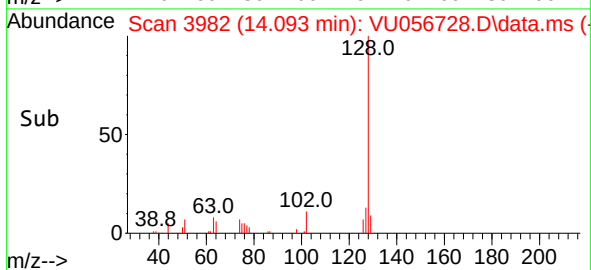
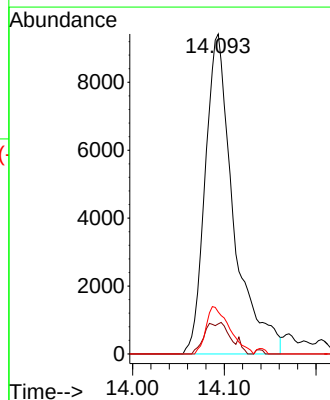
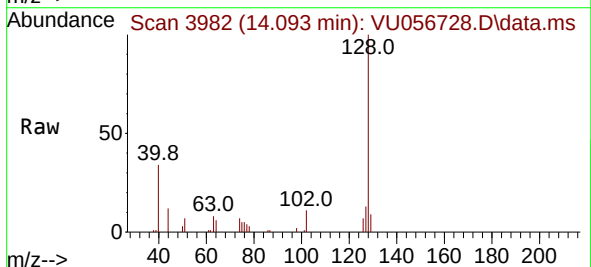
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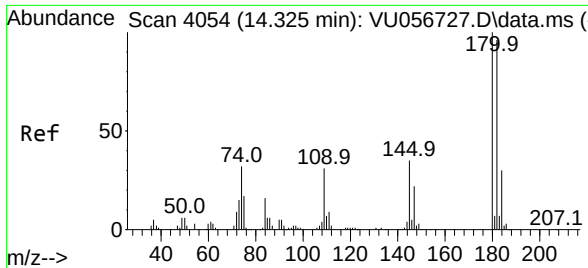
Tgt Ion:180 Resp: 9033
Ion Ratio Lower Upper
180 100
182 97.6 74.3 111.5
145 36.0 26.7 40.1



#71
Naphthalene
Concen: 0.593 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU056728.D
Acq: 11 Dec 2023 13:29

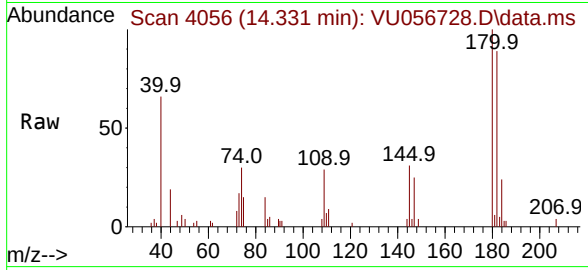
Tgt Ion:128 Resp: 20237
Ion Ratio Lower Upper
128 100
129 4.2 8.6 12.8#
127 12.3 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.473 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU056728.D
 Acq: 11 Dec 2023 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK094



Tgt Ion:	180	Resp:	9375
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.0	112.6
145	31.5	28.6	42.8

