

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056766.D
 Acq On : 12 Dec 2023 05:24
 Operator : MD/SY
 Sample : 05675-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB9

Quant Time: Dec 12 05:50:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

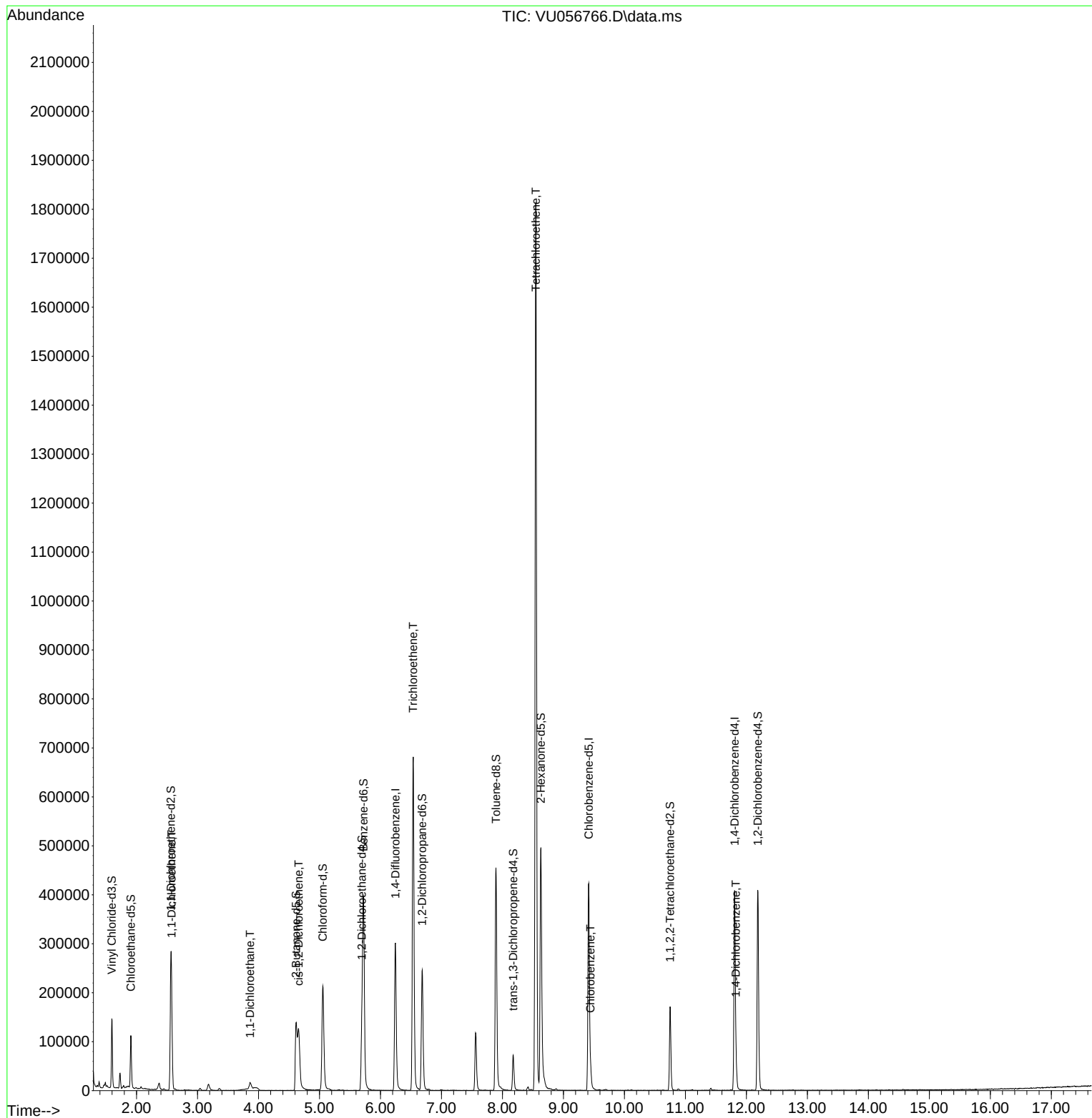
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97325	4.611	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.907	69	80417	5.092	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.563	65	42858	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	4.618	46	219337	52.622	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.240%	
24) Chloroform-d	5.055	84	201451	5.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.695	65	98794	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.721	84	387618	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.685	67	119646	4.979	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.894	98	324565	4.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.177	79	43161	4.632	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.631	63	170470	48.504	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.000%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85095	4.895	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	107924	5.109	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	38917	1.947	ug/L	# 53
19) 1,1-Dichloroethane	3.862	63	15036	0.386	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	54467	2.470	ug/L	99
34) Trichloroethene	6.537	95	244111	10.230	ug/L	99
47) Tetrachloroethene	8.547	164	395223	23.667	ug/L	97
51) Chlorobenzene	9.444	112	20719	0.361	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	15786	0.399	ug/L	93

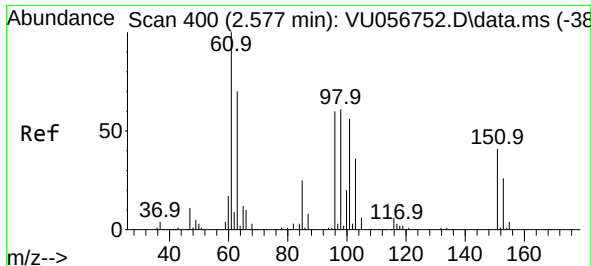
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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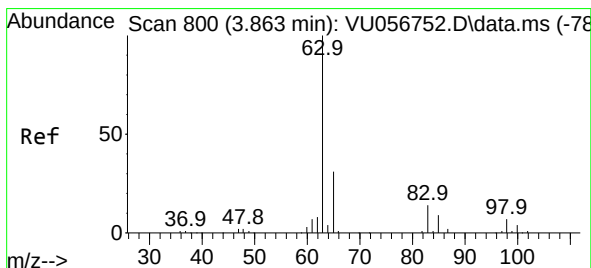
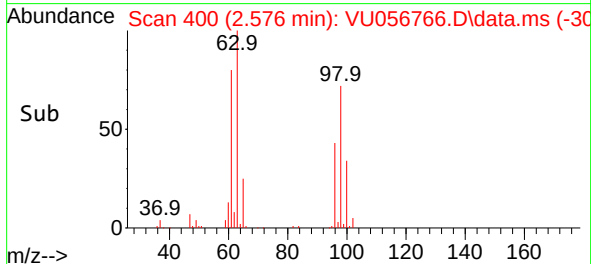
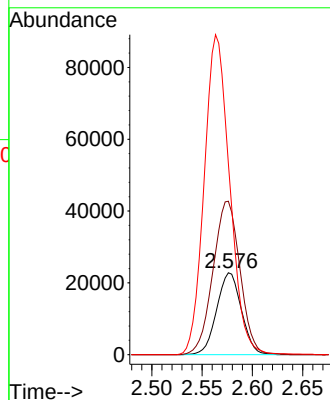
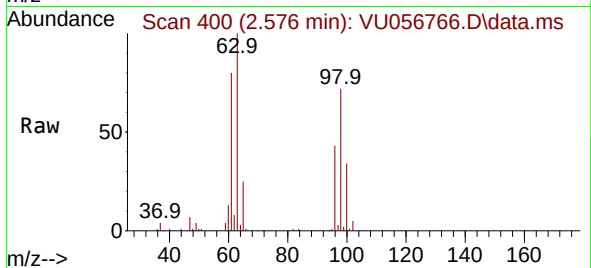




#12
1,1-Dichloroethene
Concen: 1.947 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

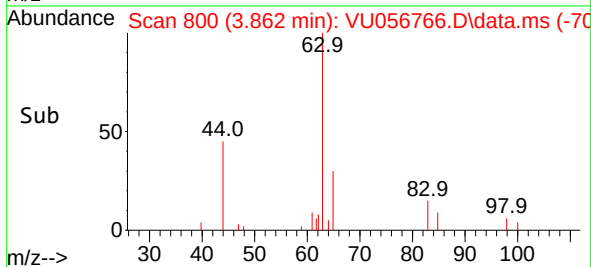
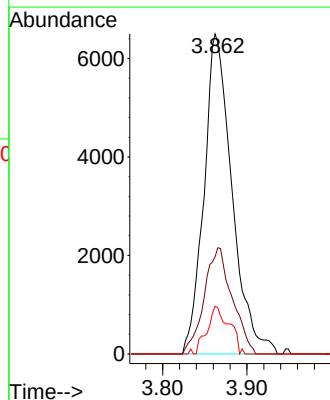
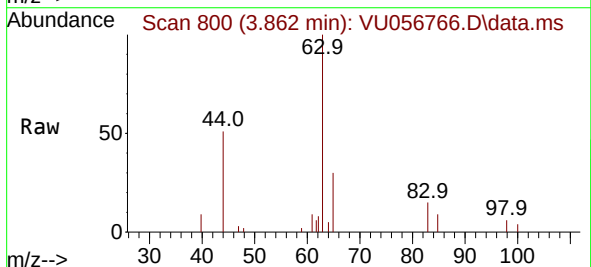
Instrument :
MSVOA_U
ClientSampleId :
H0AB9

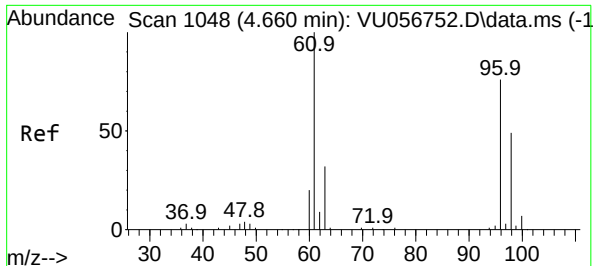
Tgt Ion: 96 Resp: 38917
Ion Ratio Lower Upper
96 100
61 187.2 119.0 221.0
63 233.4 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 0.386 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Tgt Ion: 63 Resp: 15036
Ion Ratio Lower Upper
63 100
65 30.3 22.9 42.5
83 14.9 10.1 18.9

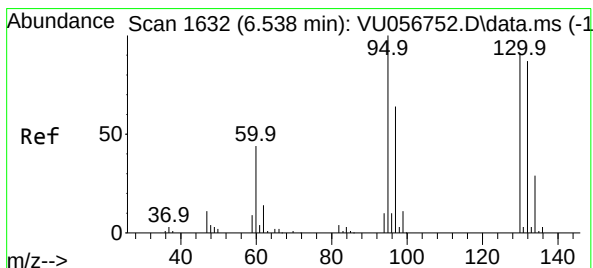
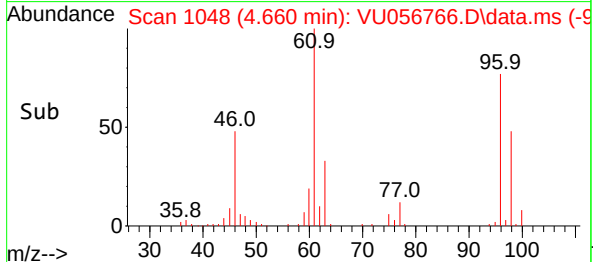
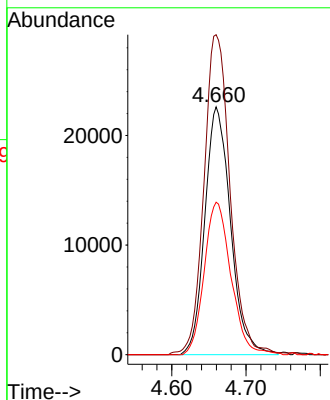
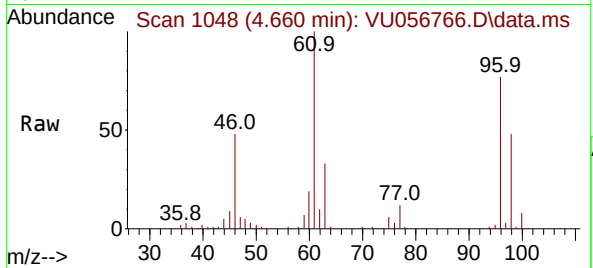




#22
 cis-1,2-Dichloroethene
 Concen: 2.470 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056766.D
 Acq: 12 Dec 2023 05:24

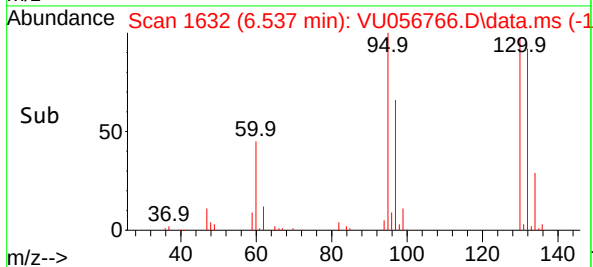
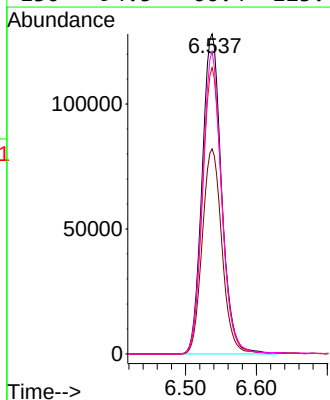
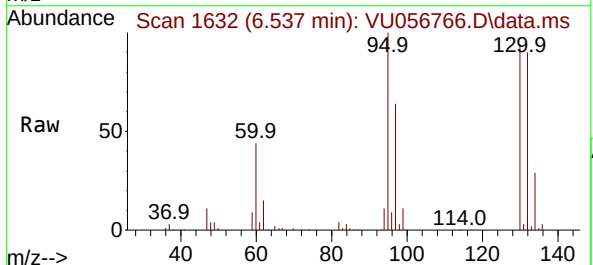
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB9

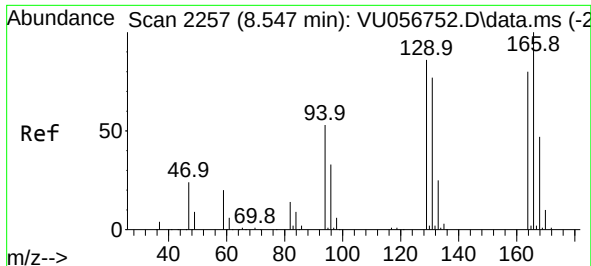
Tgt Ion: 96 Resp: 54467
 Ion Ratio Lower Upper
 96 100
 61 129.1 91.3 169.6
 98 61.5 44.2 82.0



#34
 Trichloroethene
 Concen: 10.230 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056766.D
 Acq: 12 Dec 2023 05:24

Tgt Ion: 95 Resp: 244111
 Ion Ratio Lower Upper
 95 100
 97 64.1 46.1 85.5
 132 89.5 63.6 118.0
 130 94.5 66.4 123.4



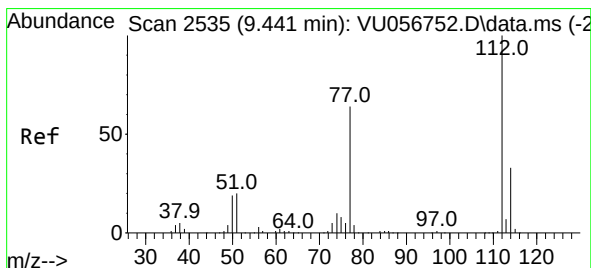
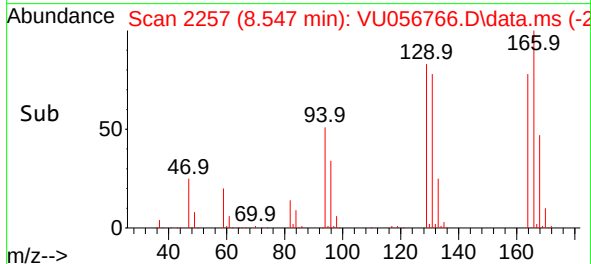
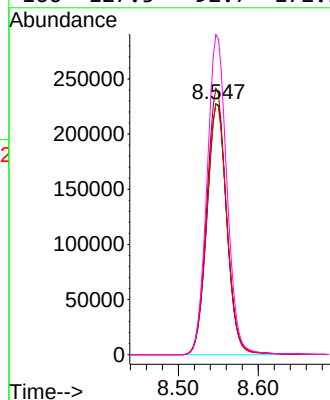
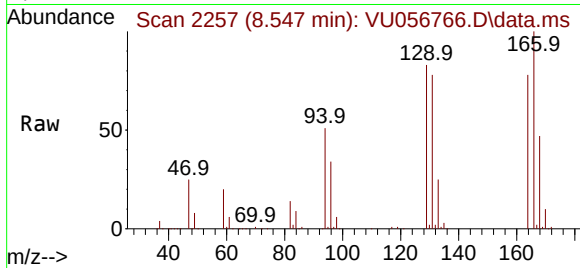


#47
Tetrachloroethene
Concen: 23.667 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Instrument :
MSVOA_U
ClientSampleId :
H0AB9

Tgt Ion:164 Resp: 395223

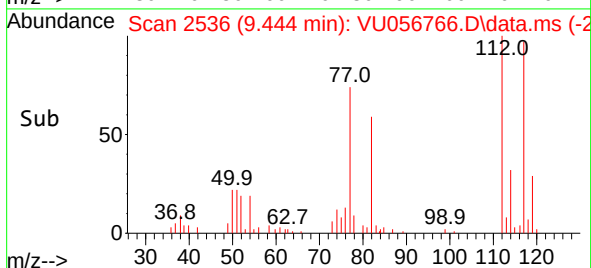
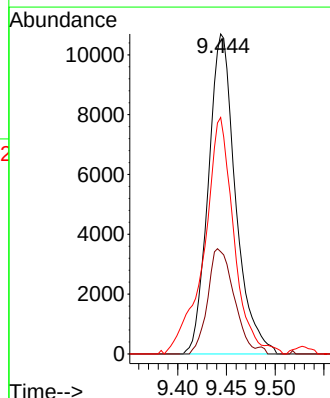
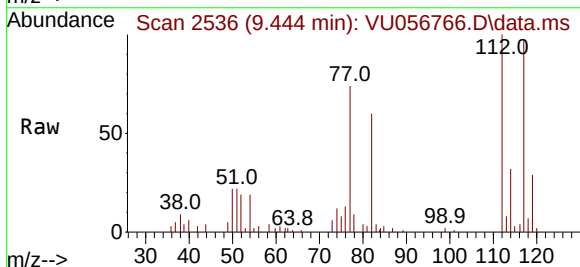
Ion	Ratio	Lower	Upper
164	100		
129	106.1	73.4	136.4
131	99.9	71.5	132.9
166	127.5	92.7	172.1

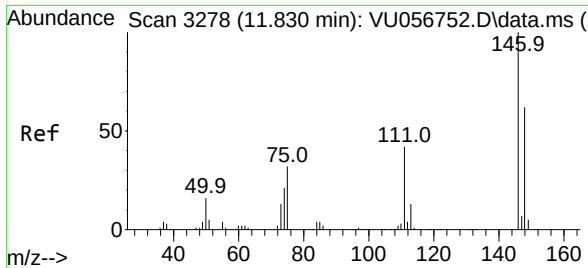


#51
Chlorobenzene
Concen: 0.361 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Tgt Ion:112 Resp: 20719

Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.9	40.7
77	73.9	51.6	77.4





#65
 1,4-Dichlorobenzene
 Concen: 0.399 ug/L
 RT: 11.830 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056766.D
 Acq: 12 Dec 2023 05:24

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB9

Tgt Ion:	146	Resp:	15786
Ion	Ratio	Lower	Upper
146	100		
111	42.1	31.2	58.0
148	58.5	45.6	84.8

