

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061108.D
 Acq On : 11 Oct 2024 10:57
 Operator : MD/SY
 Sample : P4380-04DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 04:18:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

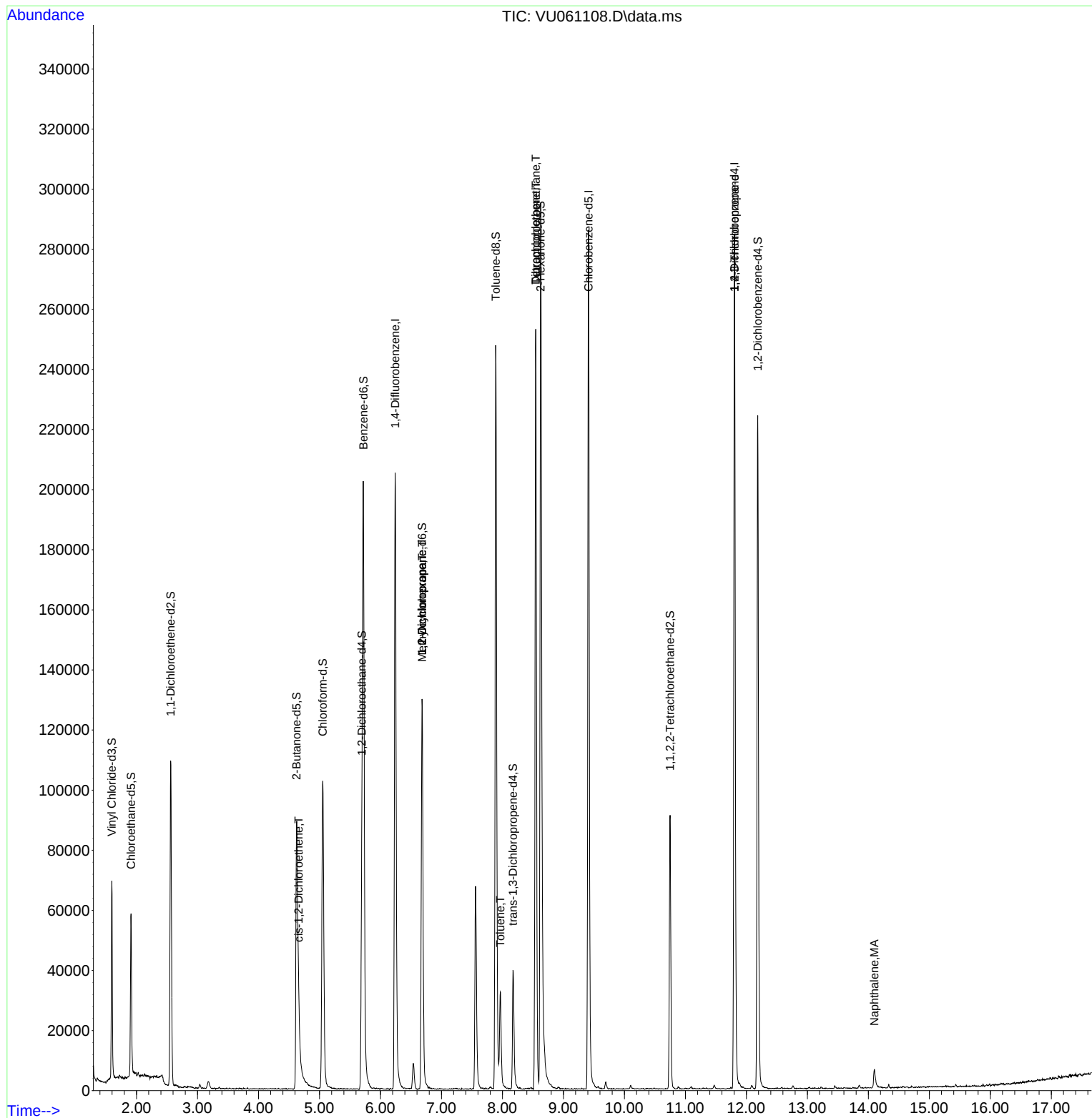
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	172007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45238	3.679	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.910	69	39382	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	21196	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.624	46	131988	44.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.620%
24) Chloroform-d	5.055	84	96756	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	51990	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	186812	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	64291	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	171011	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	24613	4.189	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.627	63	114345	47.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46414	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	58991	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.660	96	2849	0.235	ug/L	81
35) Methylcyclohexane	6.685	83	14312	0.699	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	7388	0.599	ug/L #	93
42) Toluene	7.965	91	25457	0.511	ug/L	99
47) Tetrachloroethene	8.547	164	52388	6.347	ug/L	95
49) Dibromochloromethane	8.547	129	53546	5.632	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	10208	1.373	ug/L #	69
71) Naphthalene	14.096	128	8326	0.435	ug/L #	95

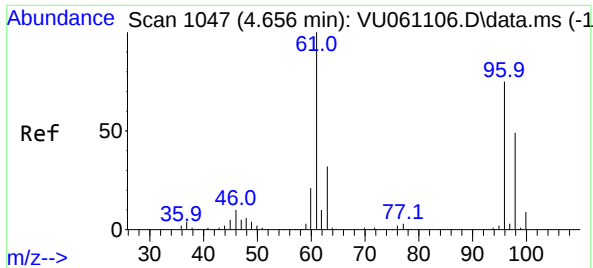
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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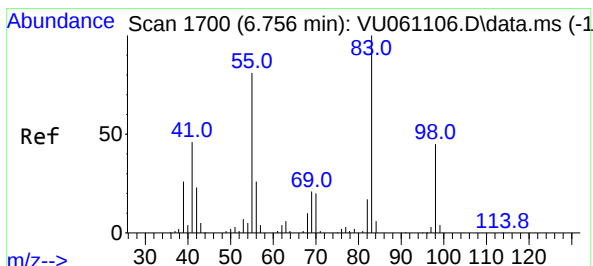
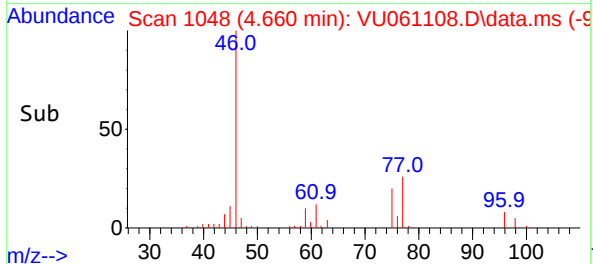
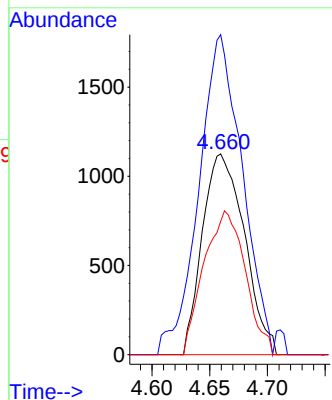
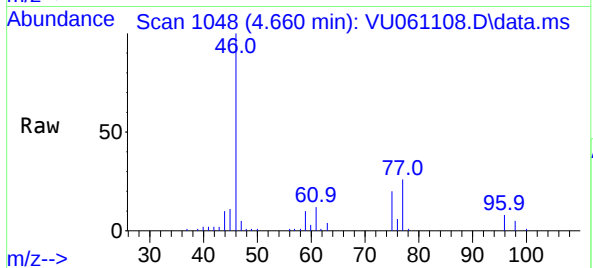




#22
cis-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

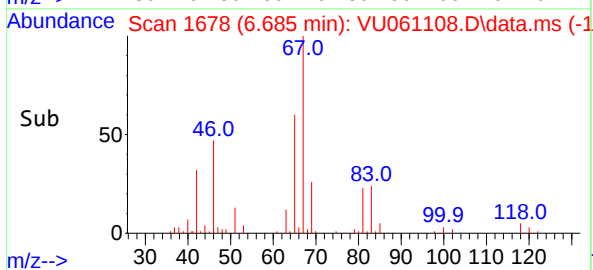
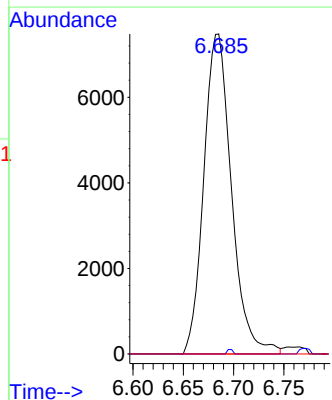
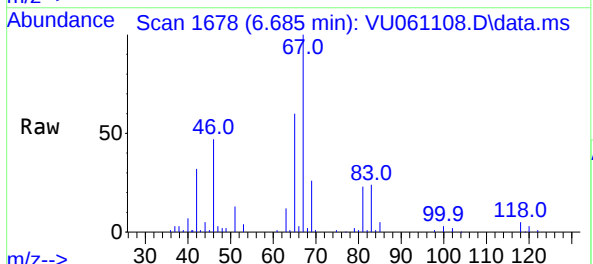
Instrument :
MSVOA_U
ClientSampleId :

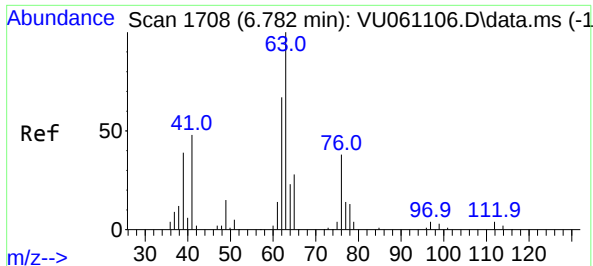
Tgt Ion:	96	Resp:	2849
Ion	Ratio	Lower	Upper
96	100		
61	159.3	89.7	166.5
98	66.3	45.1	83.9



#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

Tgt Ion:	83	Resp:	14312
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	0.3	37.6	56.4#

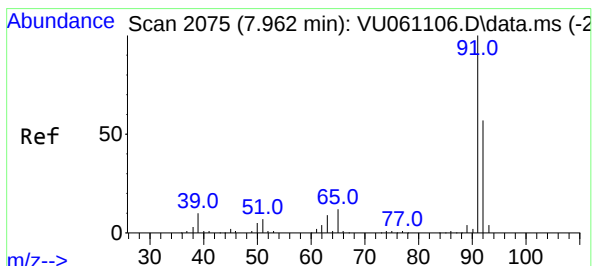
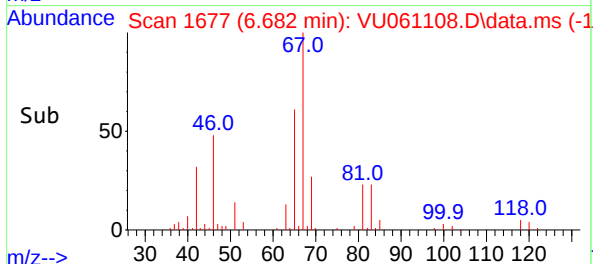
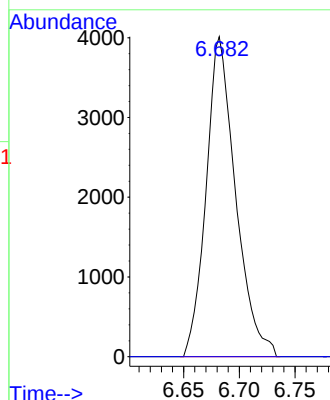
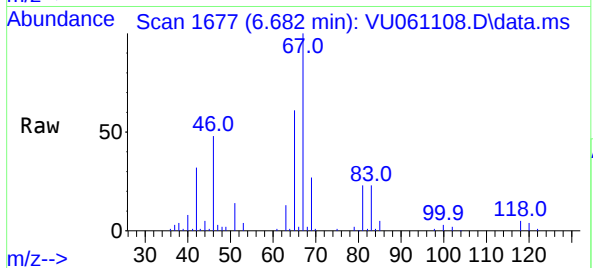




#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

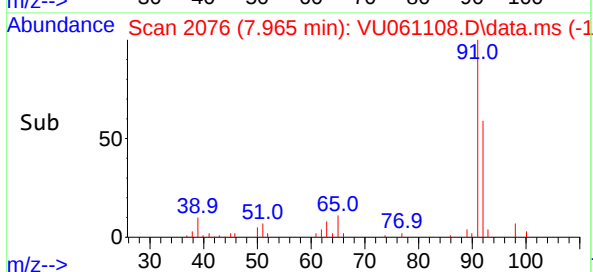
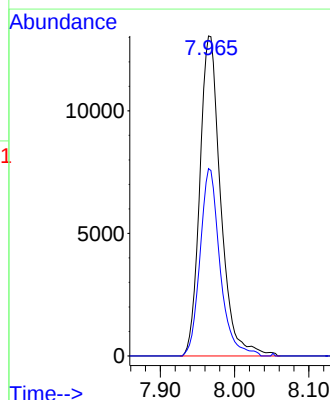
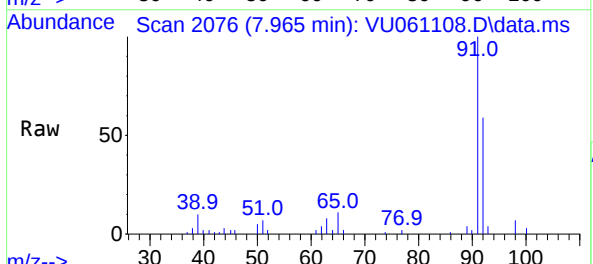
Instrument :
MSVOA_U
ClientSampleId :

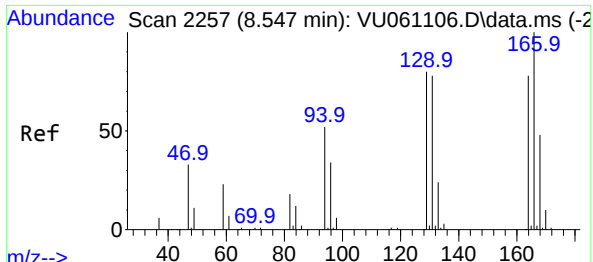
Tgt Ion: 63 Resp: 7388
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.511 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

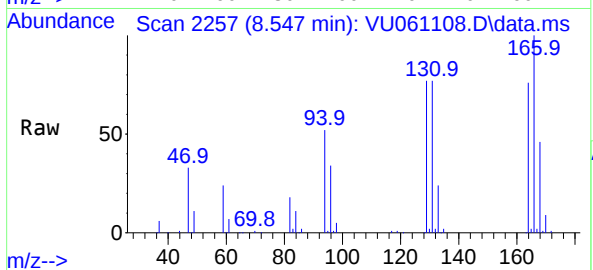
Tgt Ion: 91 Resp: 25457
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.3





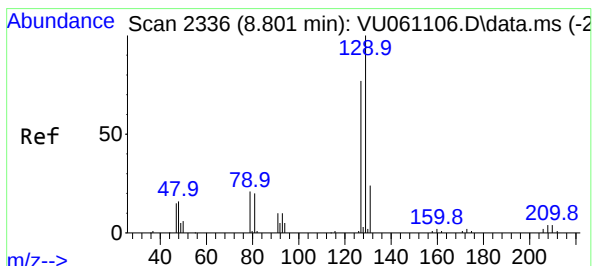
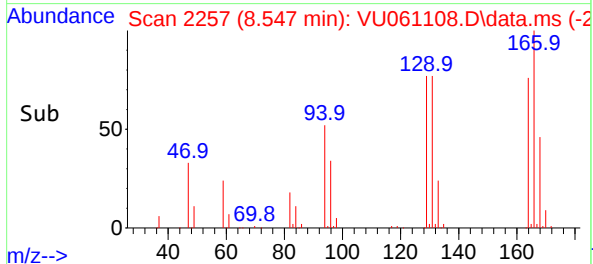
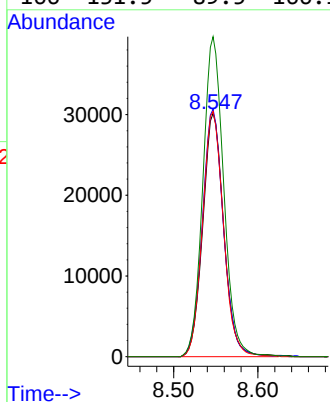
#47
Tetrachloroethene
Concen: 6.347 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 52388

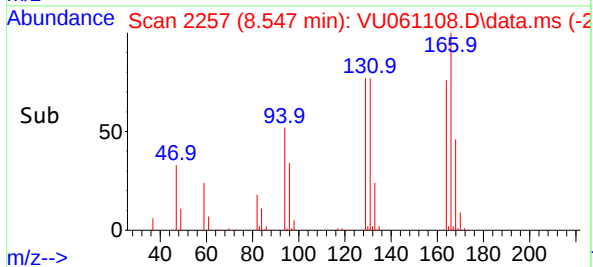
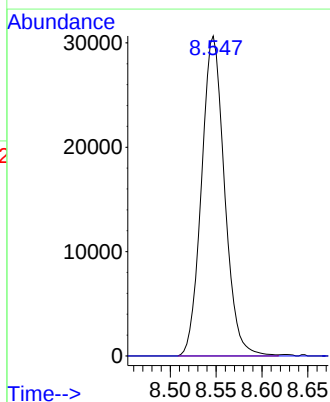
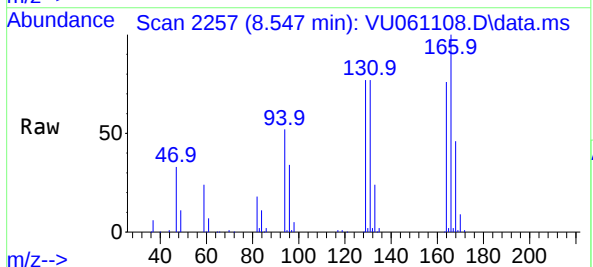
Ion	Ratio	Lower	Upper
164	100		
129	101.7	67.3	124.9
131	100.8	65.4	121.4
166	131.5	89.5	166.1

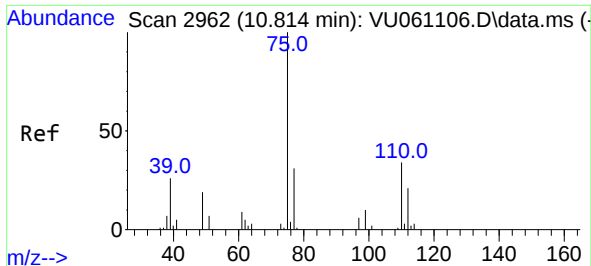


#49
Dibromochloromethane
Concen: 5.632 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

Tgt Ion:129 Resp: 53546

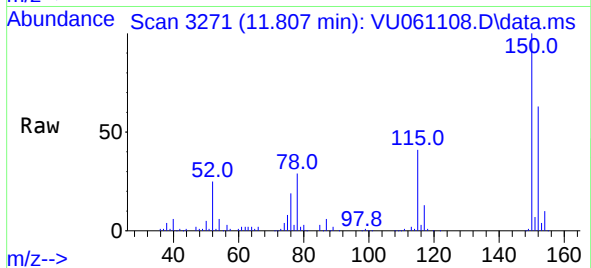
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.1	104.1#



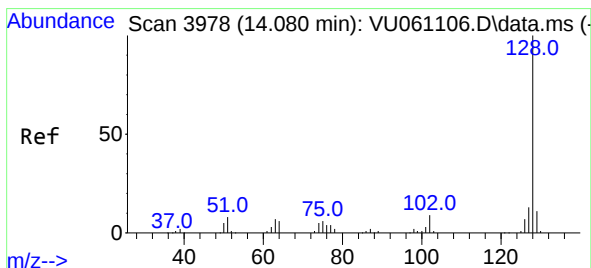
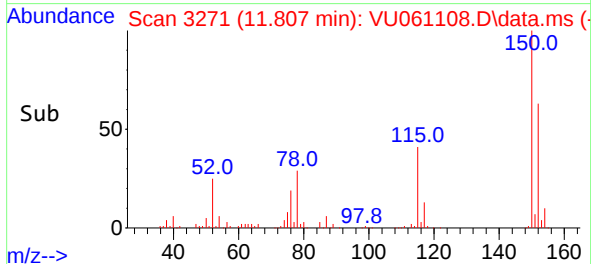
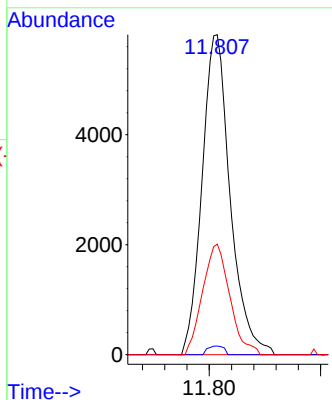


#61
1,2,3-Trichloropropane
Concen: 1.373 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 10208
Ion Ratio Lower Upper
75 100
110 1.5 28.6 43.0#
77 33.4 26.3 39.5



#71
Naphthalene
Concen: 0.435 ug/L
RT: 14.096 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU061108.D
Acq: 11 Oct 2024 10:57

Tgt Ion: 128 Resp: 8326
Ion Ratio Lower Upper
128 100
129 8.0 8.3 12.5#
127 12.2 10.7 16.1

