

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057621.D
 Acq On : 24 Jan 2024 16:08
 Operator : MD/SY
 Sample : P1228-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

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

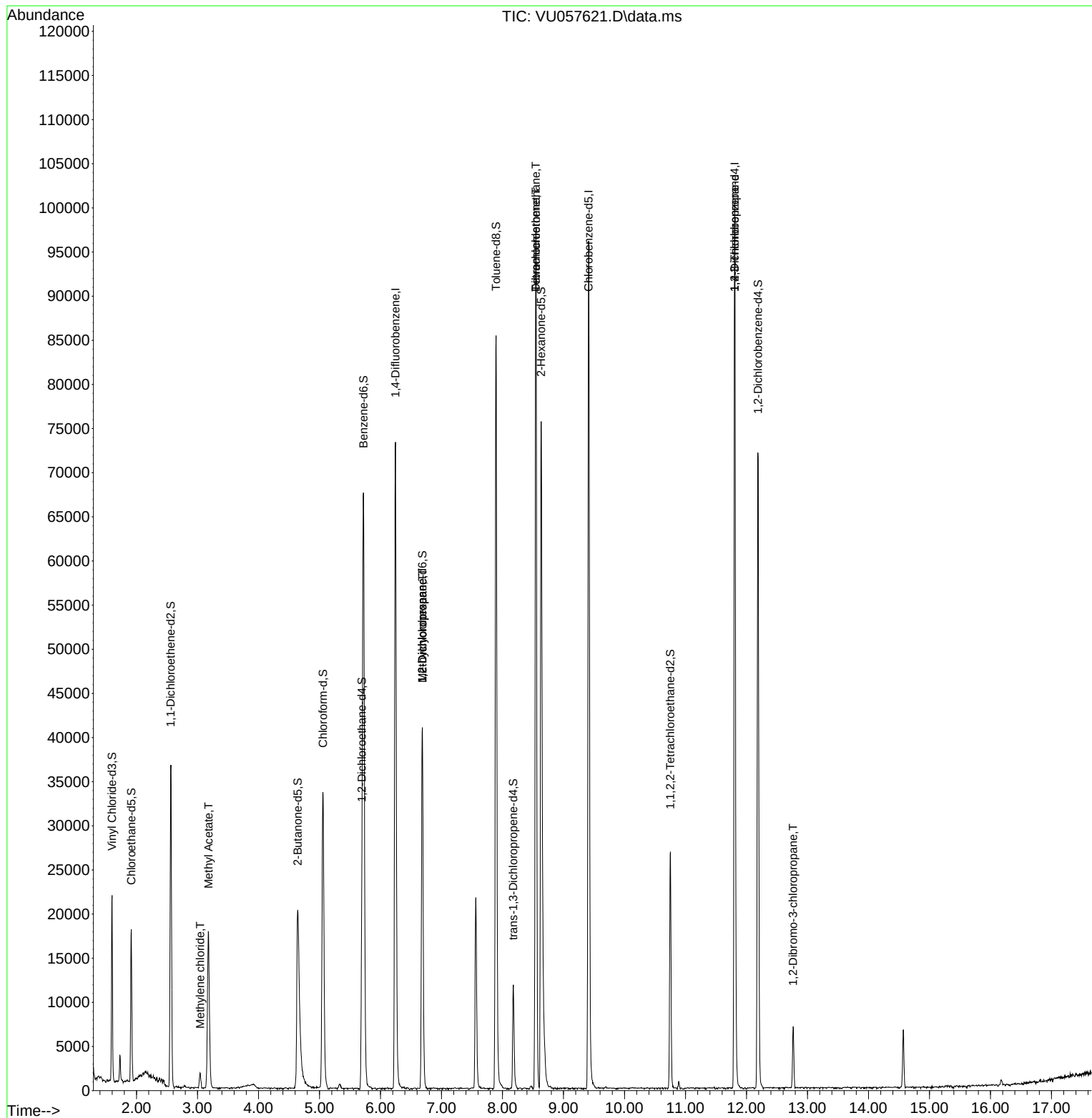
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	60949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	14763	4.396	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.914	69	12716	4.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.560	65	7001	4.434	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.644	46	34778	54.898	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.800%	
24) Chloroform-d	5.055	84	32437	4.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.695	65	15904	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.721	84	64248	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.685	67	19952	5.107	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.894	98	58949	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.177	79	7435	4.775	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.634	63	26933	54.216	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.440%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13636	5.207	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	19650	5.351	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.181	43	1653	1.067	ug/L #	49
16) Methylene chloride	3.042	84	853	0.179	ug/L	89
35) Methylcyclohexane	6.685	83	4192	0.497	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2156	0.455	ug/L #	89
47) Tetrachloroethene	8.547	164	20786	5.417	ug/L	98
49) Dibromochloromethane	8.547	129	20604	5.163	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3430	1.306	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.762	75	168	0.340	ug/L #	5

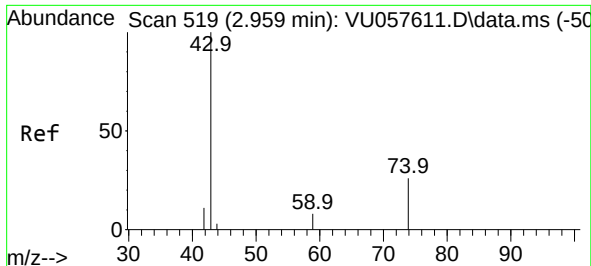
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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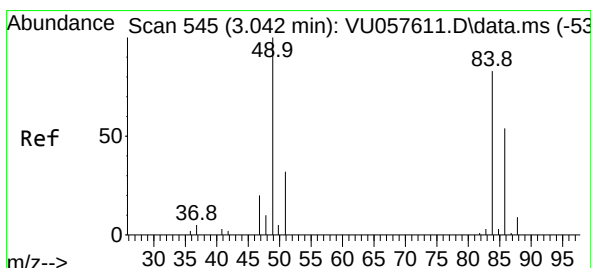
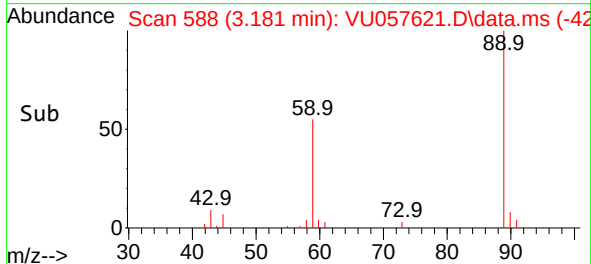
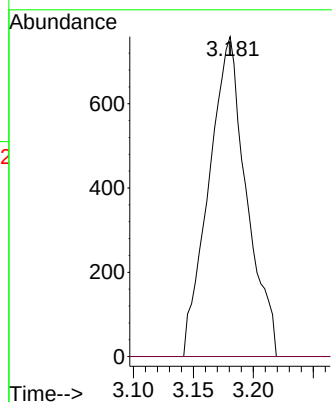
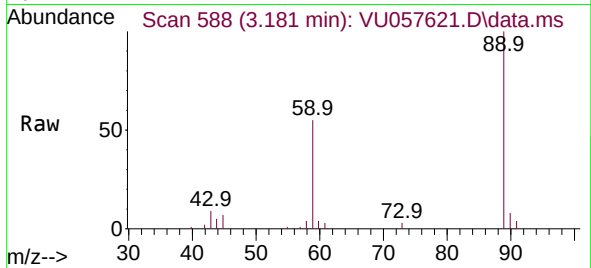




#15
Methyl Acetate
Concen: 1.067 ug/L
RT: 3.181 min Scan# 519
Delta R.T. 0.222 min
Lab File: VU057621.D
Acq: 24 Jan 2024 16:08

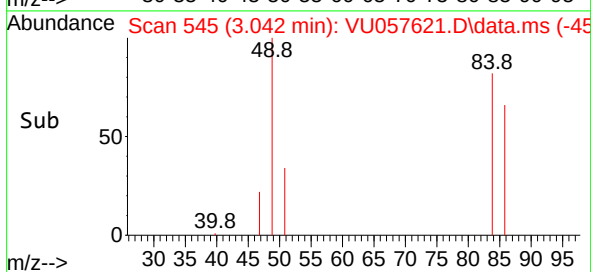
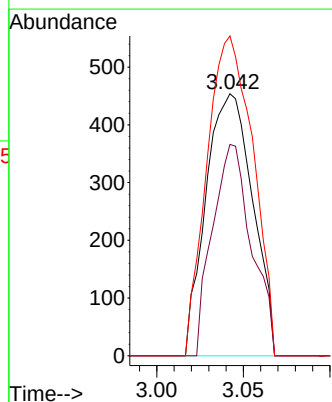
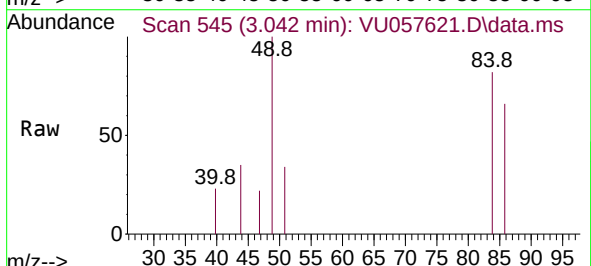
Instrument :
MSVOA_U
ClientSampleId :

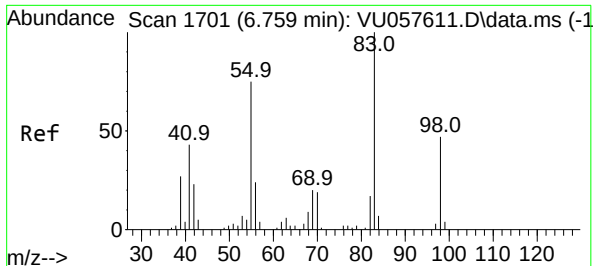
Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057621.D
Acq: 24 Jan 2024 16:08

Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
86 80.6 43.5 80.9
49 122.0 82.5 153.1

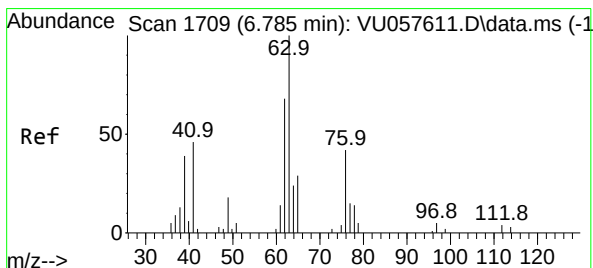
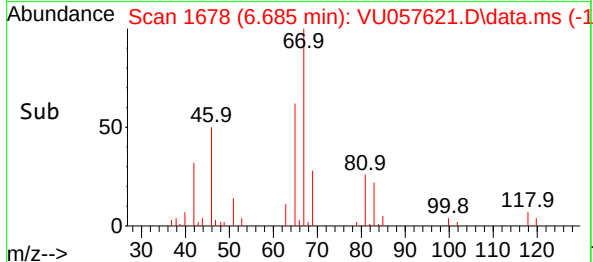
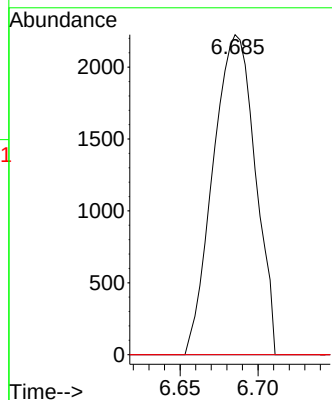
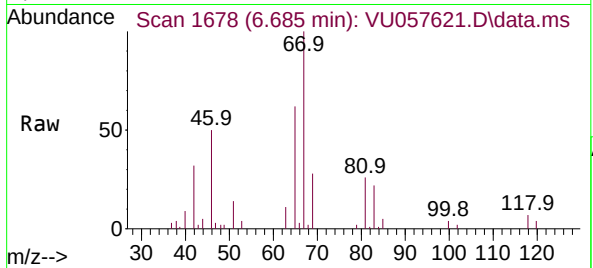




#35
Methylcyclohexane
Concen: 0.497 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057621.D
Acq: 24 Jan 2024 16:08

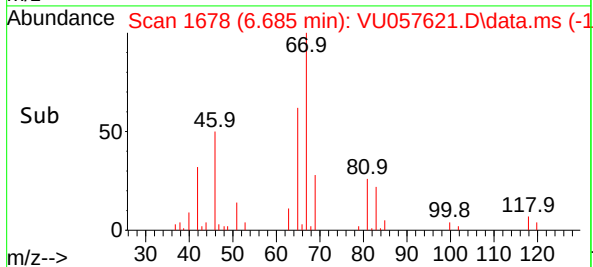
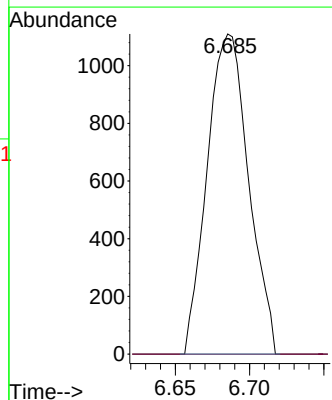
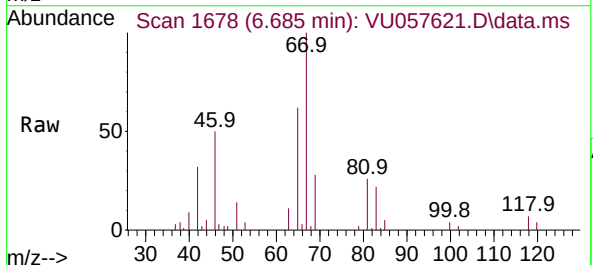
Instrument :
MSVOA_U
ClientSampleId :

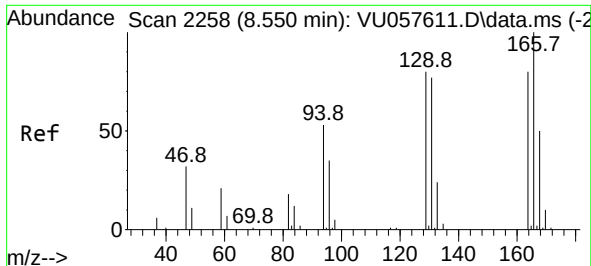
Tgt Ion: 83 Resp: 4192
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057621.D
Acq: 24 Jan 2024 16:08

Tgt Ion: 63 Resp: 2156
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 5.417 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

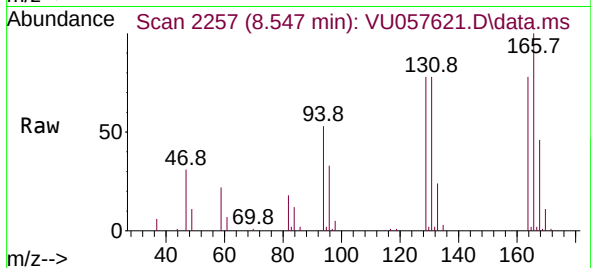
Lab File: VU057621.D

Acq: 24 Jan 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 20786

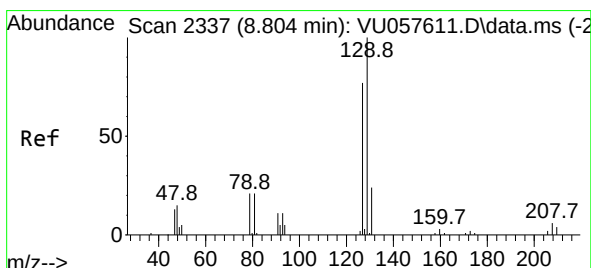
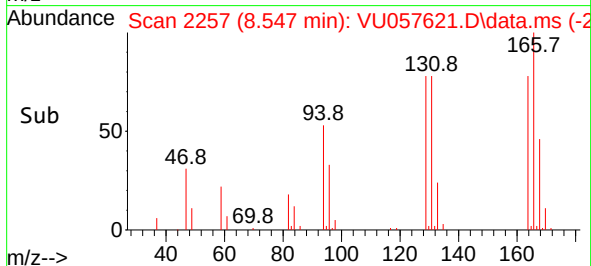
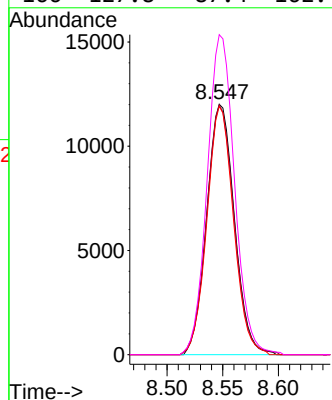
Ion Ratio Lower Upper

164 100

129 99.8 71.3 132.5

131 99.2 68.1 126.5

166 127.8 87.4 162.4



#49

Dibromochloromethane

Concen: 5.163 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057621.D

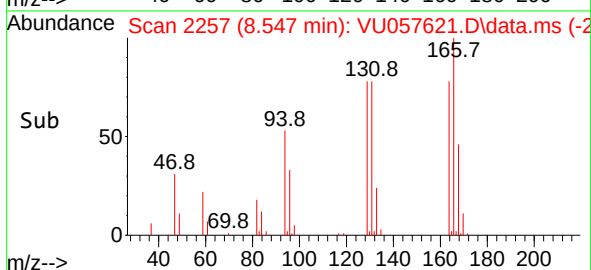
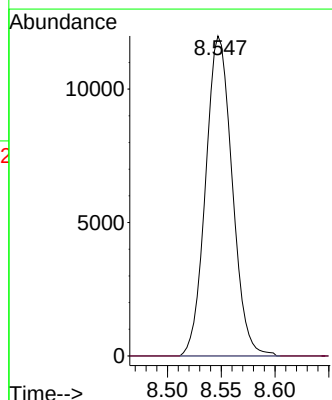
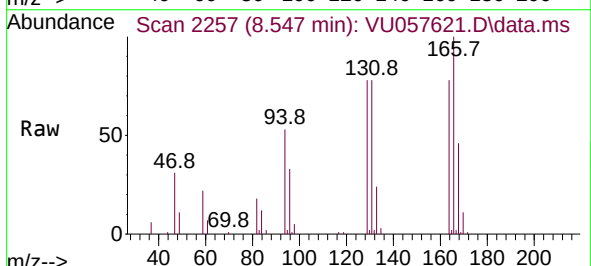
Acq: 24 Jan 2024 16:08

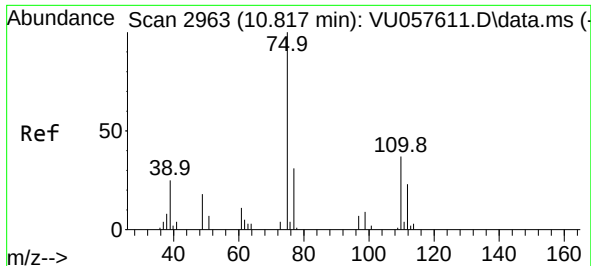
Tgt Ion:129 Resp: 20604

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#

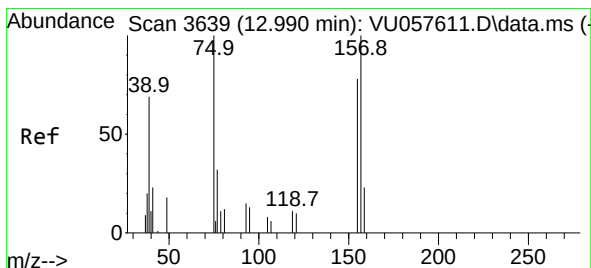
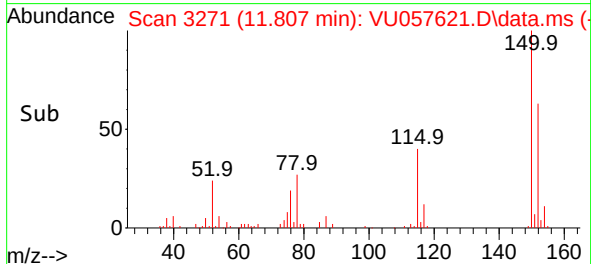
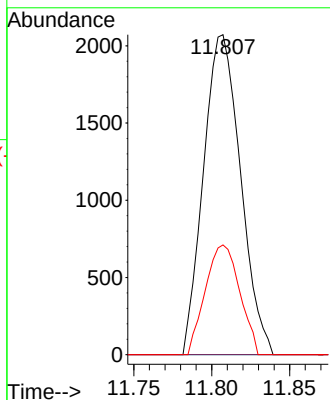
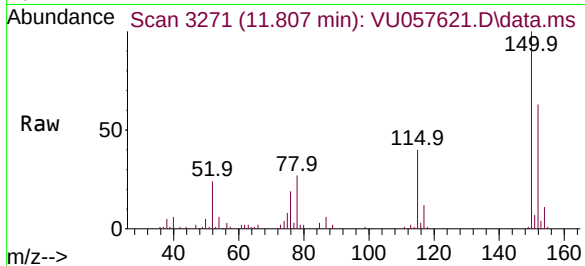




#61
1,2,3-Trichloropropane
Concen: 1.306 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057621.D
Acq: 24 Jan 2024 16:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3430
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 31.7 25.5 38.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.340 ug/L
RT: 12.762 min Scan# 3568
Delta R.T. -0.228 min
Lab File: VU057621.D
Acq: 24 Jan 2024 16:08

Tgt Ion: 75 Resp: 168
Ion Ratio Lower Upper
75 100
155 0.0 62.8 94.2#
157 0.0 78.9 118.3#

