

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057600.D
 Acq On : 24 Jan 2024 04:48
 Operator : MD/SY
 Sample : P1227-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 05:28:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

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

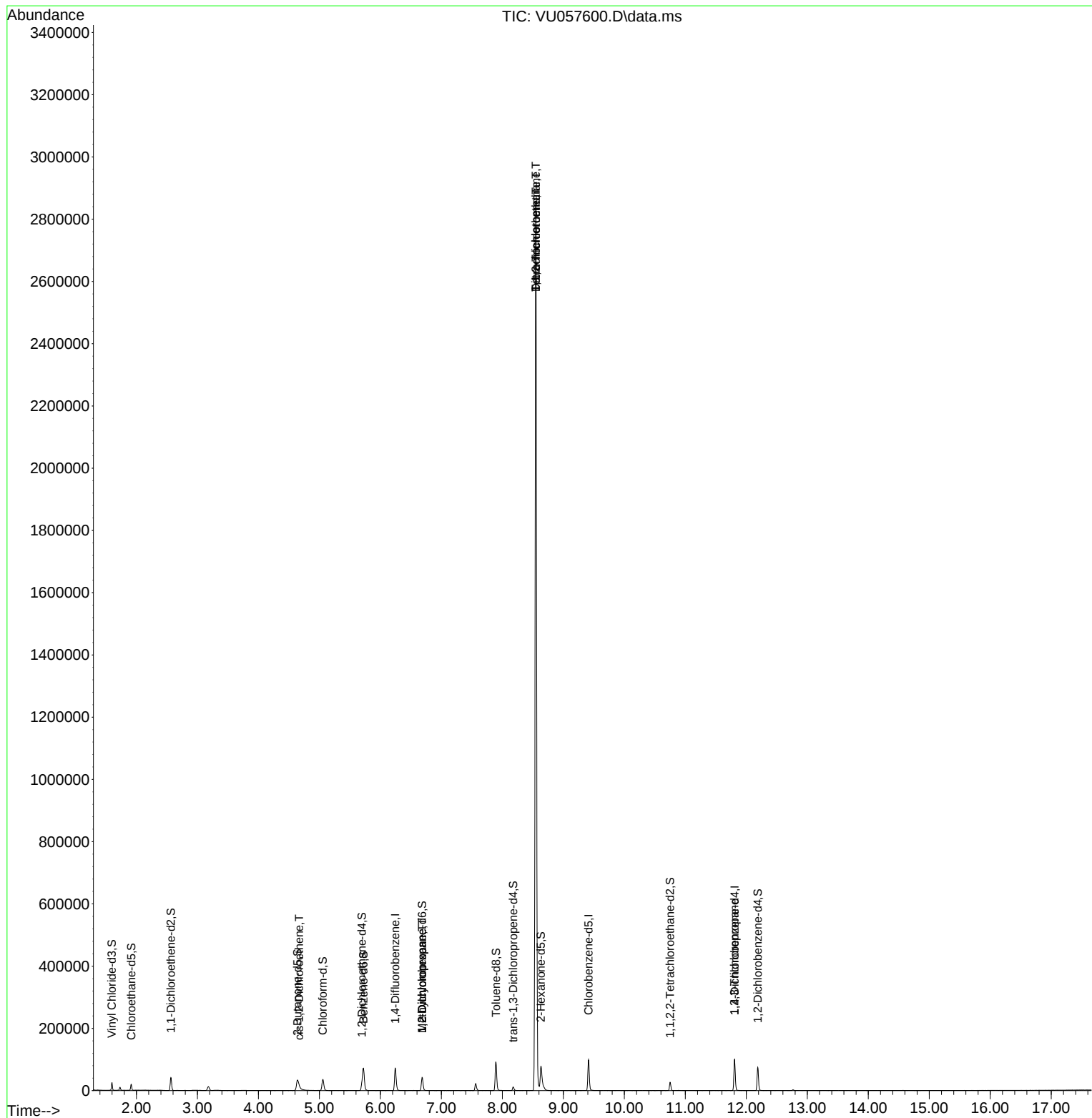
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	60660	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16792	5.024	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.914	69	13974	4.990	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.800%		
11) 1,1-Dichloroethene-d2	2.563	65	8089	5.147	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.000%		
20) 2-Butanone-d5	4.637	46	34089	54.067	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.140%		
24) Chloroform-d	5.055	84	34176	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.800%		
26) 1,2-Dichloroethane-d4	5.695	65	16604	5.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.800%		
32) Benzene-d6	5.721	84	68884	5.316	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
36) 1,2-Dichloropropane-d6	6.685	67	20625	5.277	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.600%		
41) Toluene-d8	7.894	98	63640	5.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.400%		
43) trans-1,3-Dichloroprop...	8.177	79	7647	4.909	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.200%		
46) 2-Hexanone-d5	8.631	63	24899	50.098	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.200%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13549	5.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 103.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	20011	5.415	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.200%		
Target Compounds						
						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	744	0.149	ug/L	86
35) Methylcyclohexane	6.685	83	4638	0.550	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2291	0.483	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	5725	1.857	ug/L #	2
47) Tetrachloroethene	8.547	164	586040	152.667	ug/L	98
49) Dibromochloromethane	8.547	129	598511	149.902	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	3342	1.264	ug/L #	66

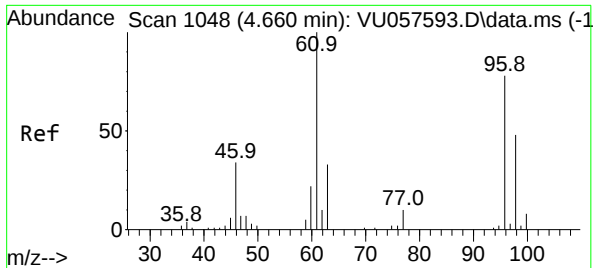
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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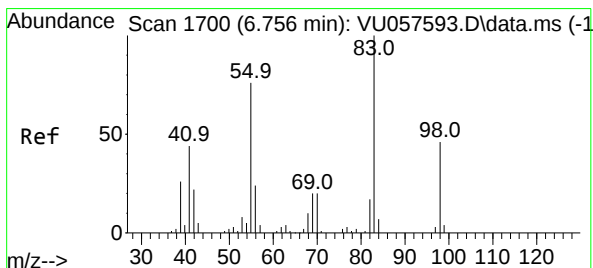
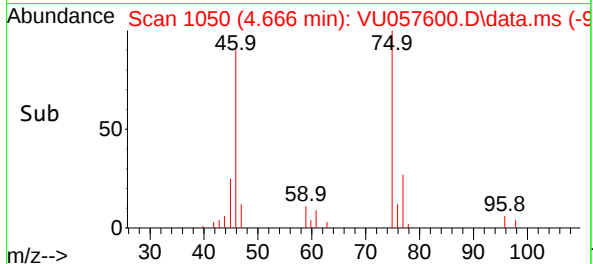
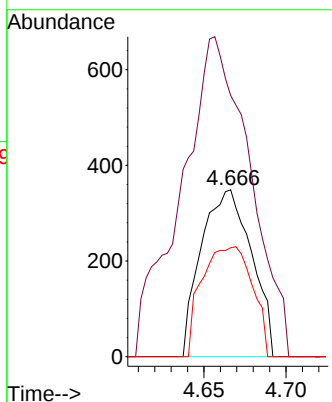
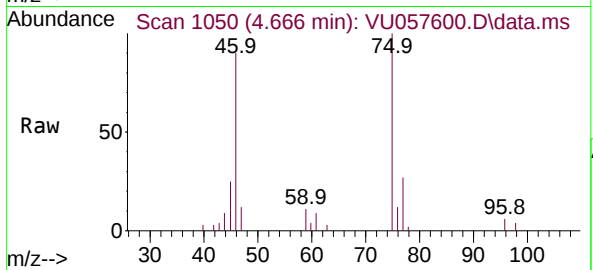




#22
 cis-1,2-Dichloroethene
 Concen: 0.149 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU057600.D
 Acq: 24 Jan 2024 04:48

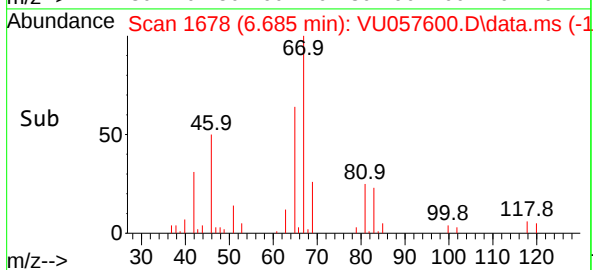
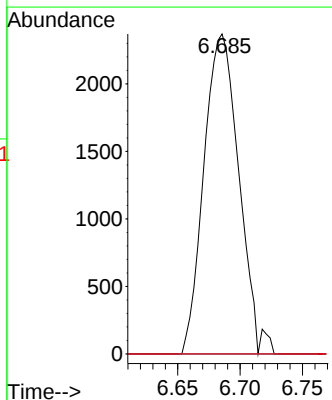
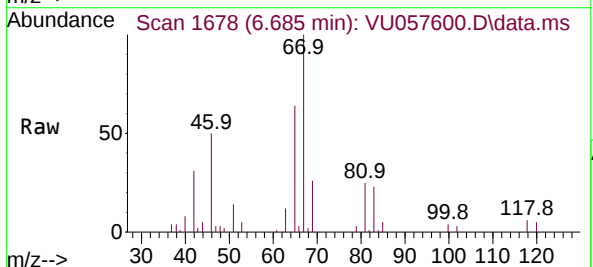
Instrument :
 MSVOA_U
 ClientSampleId :

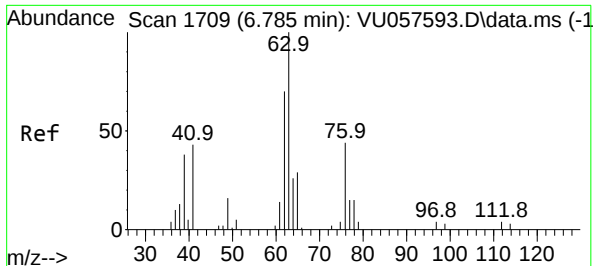
Tgt Ion:	96	Resp:	744
Ion	Ratio	Lower	Upper
96	100		
61	156.4	92.7	172.1
98	65.3	44.9	83.5



#35
 Methylcyclohexane
 Concen: 0.550 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.071 min
 Lab File: VU057600.D
 Acq: 24 Jan 2024 04:48

Tgt Ion:	83	Resp:	4638
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.0#
98	0.0	38.2	57.4#

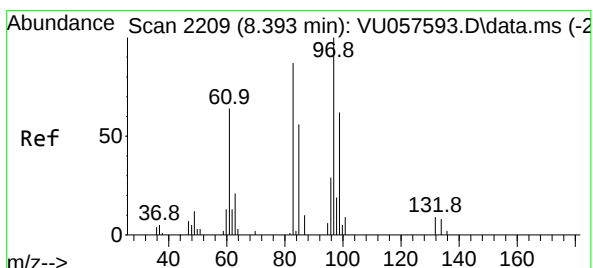
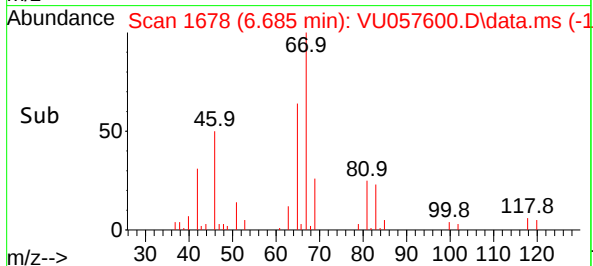
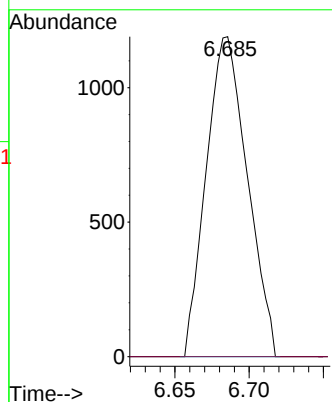
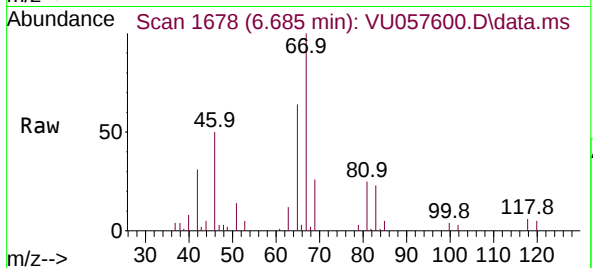




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU057600.D
Acq: 24 Jan 2024 04:48

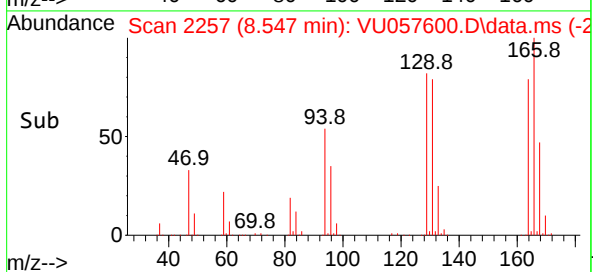
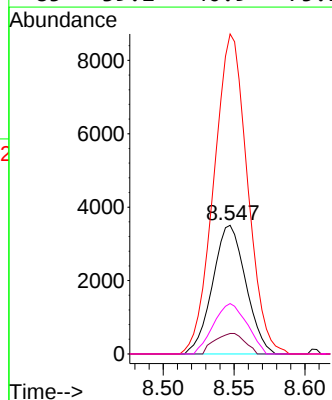
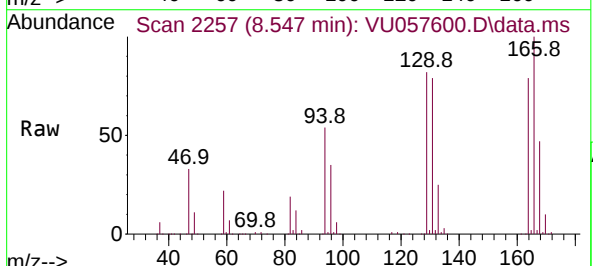
Instrument :
MSVOA_U
ClientSampleId :

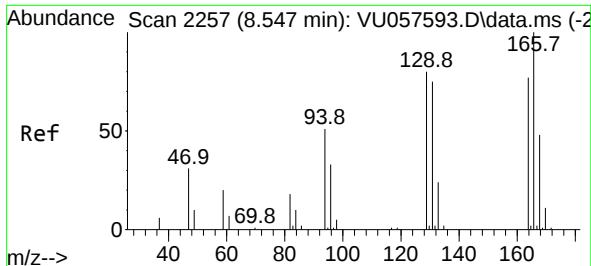
Tgt Ion: 63 Resp: 2291
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 1.857 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU057600.D
Acq: 24 Jan 2024 04:48

Tgt Ion: 97 Resp: 5725
Ion Ratio Lower Upper
97 100
99 15.9 45.1 83.7#
83 248.7 62.3 115.7#
85 39.2 40.9 75.9#





#47

Tetrachloroethene

Concen: 152.667 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057600.D

Acq: 24 Jan 2024 04:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 586040

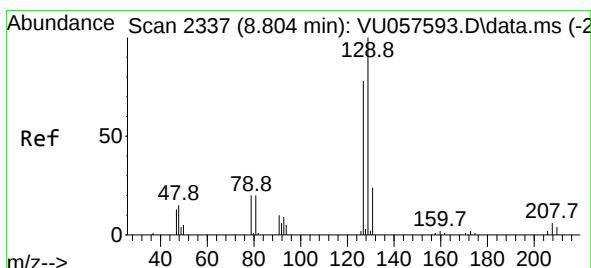
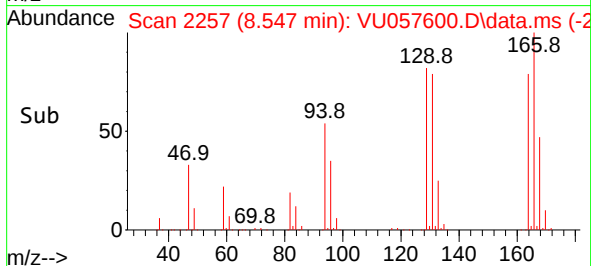
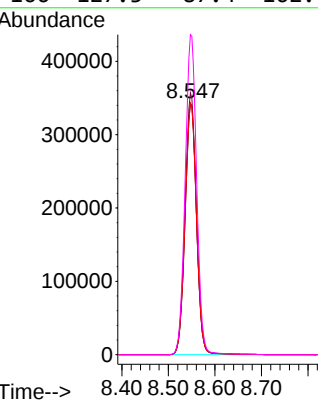
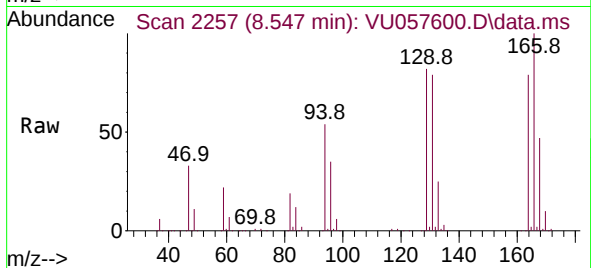
Ion Ratio Lower Upper

164 100

129 104.1 71.3 132.5

131 99.9 68.1 126.5

166 127.3 87.4 162.4



#49

Dibromochloromethane

Concen: 149.902 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057600.D

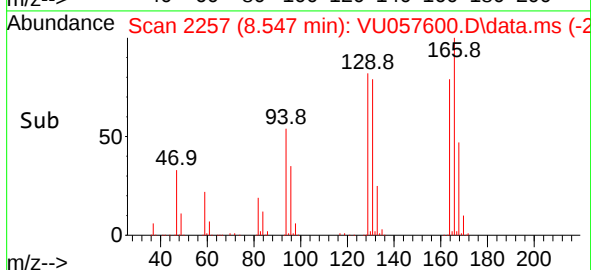
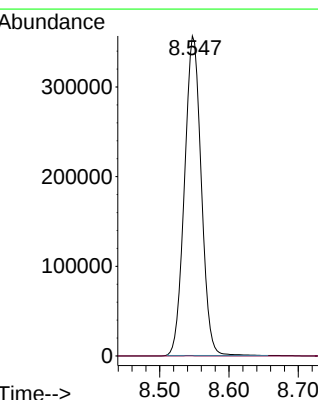
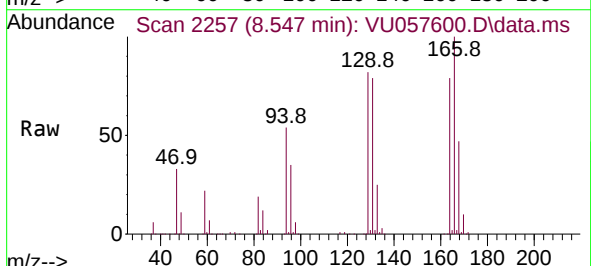
Acq: 24 Jan 2024 04:48

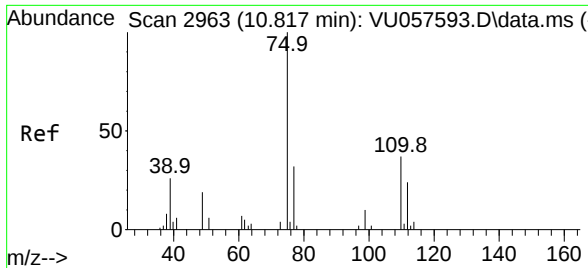
Tgt Ion:129 Resp: 598511

Ion Ratio Lower Upper

129 100

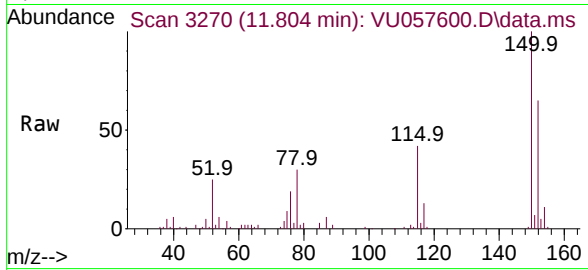
127 0.1 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.264 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057600.D
 Acq: 24 Jan 2024 04:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3342
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.1 45.1#
 77 32.4 25.5 38.3

