

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058017.D
 Acq On : 08 Mar 2024 15:09
 Operator : MD/SY
 Sample : P1636-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

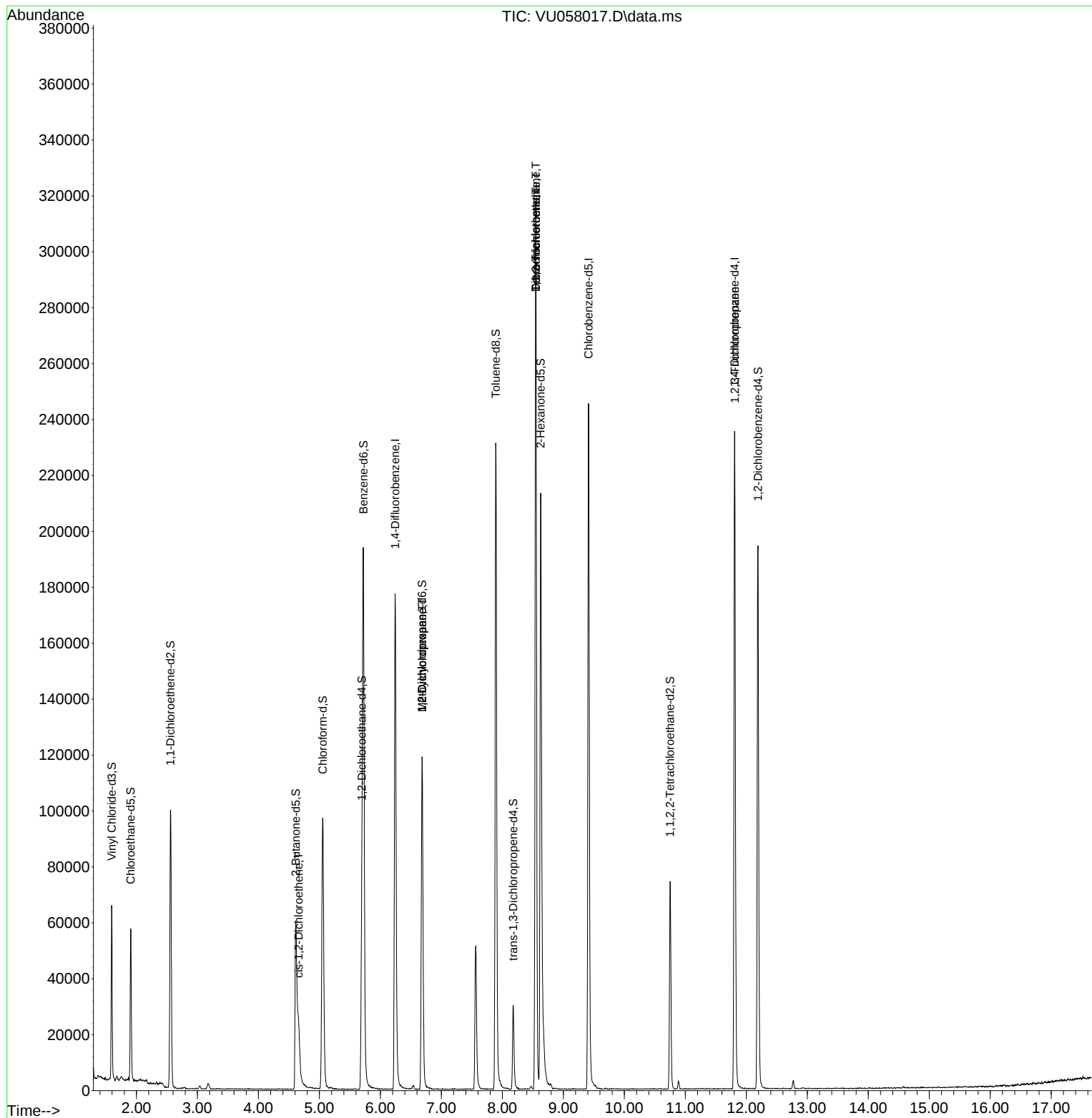
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43324	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.904	69	38277	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.557	65	20100	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.612	46	90221	53.381	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.760%
24) Chloroform-d	5.055	84	92838	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	44773	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	182716	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	58448	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	156697	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	17833	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.627	63	76808	54.467	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38563	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	51279	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.660	96	8508	0.825	ug/L	97
35) Methylcyclohexane	6.682	83	13338	0.782	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6178	0.566	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	615	0.095	ug/L #	1
47) Tetrachloroethene	8.547	164	64243	8.319	ug/L	97
49) Dibromochloromethane	8.547	129	67704	8.843	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	8705	1.709	ug/L #	69

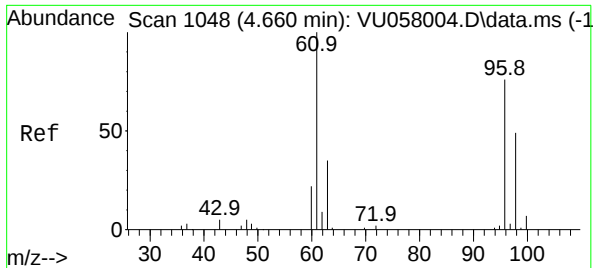
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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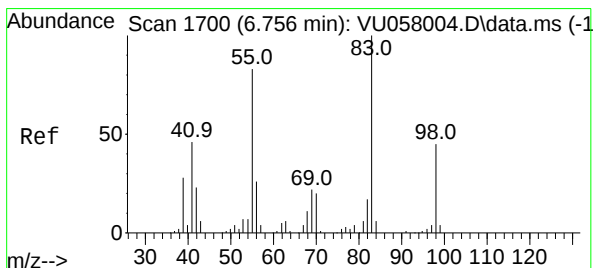
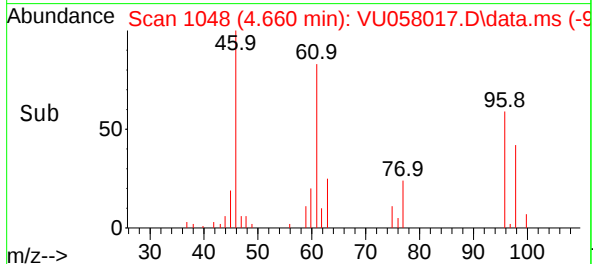
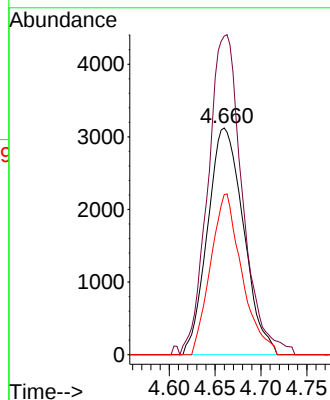
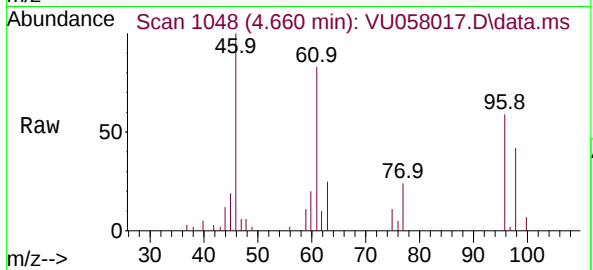




#22
 cis-1,2-Dichloroethene
 Concen: 0.825 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU058017.D
 Acq: 08 Mar 2024 15:09

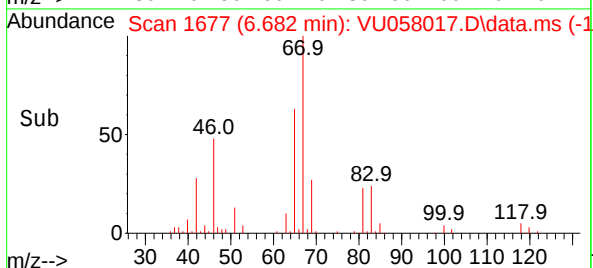
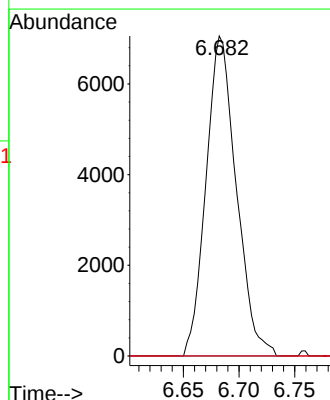
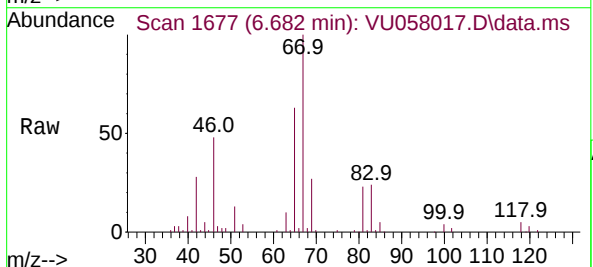
Instrument :
 MSVOA_U
 ClientSampleId :

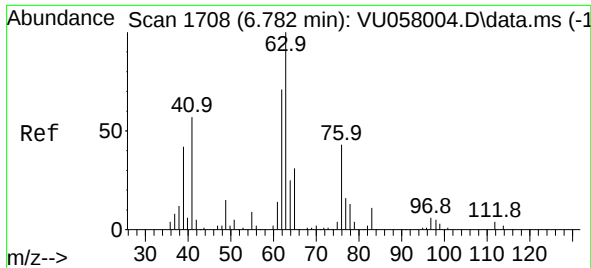
Tgt Ion: 96 Resp: 8508
 Ion Ratio Lower Upper
 96 100
 61 140.5 97.2 180.4
 98 70.6 45.5 84.5



#35
 Methylcyclohexane
 Concen: 0.782 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058017.D
 Acq: 08 Mar 2024 15:09

Tgt Ion: 83 Resp: 13338
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.0 94.6#
 98 0.5 36.2 54.4#

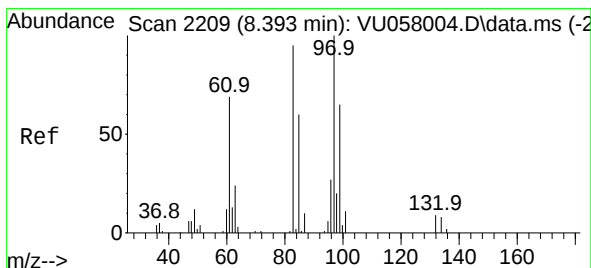
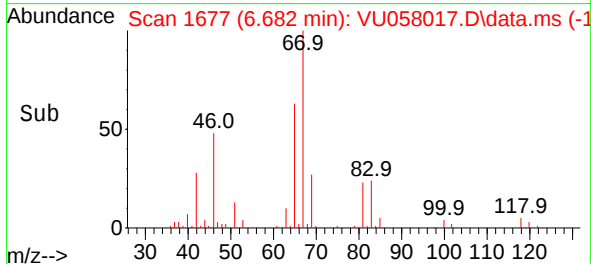
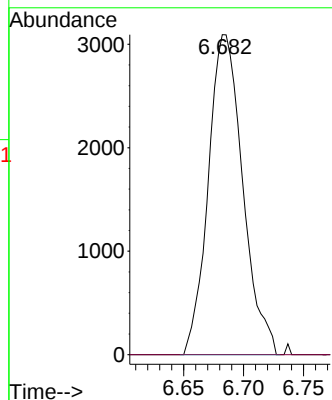
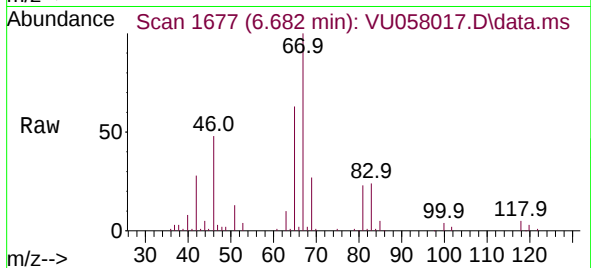




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058017.D
Acq: 08 Mar 2024 15:09

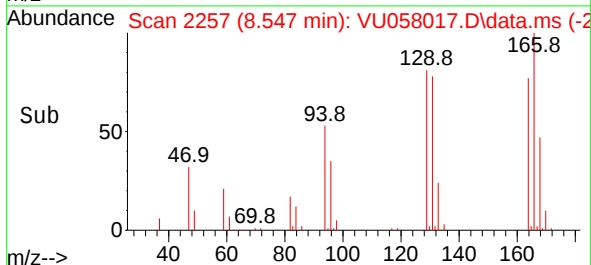
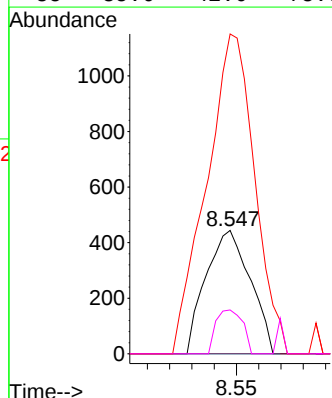
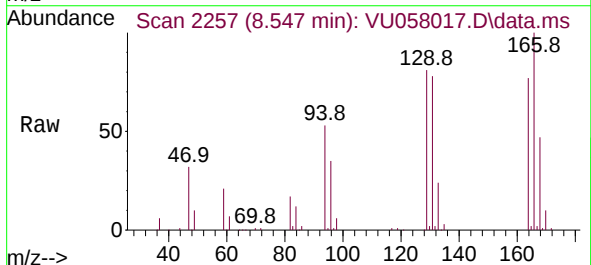
Instrument :
MSVOA_U
ClientSampleId :

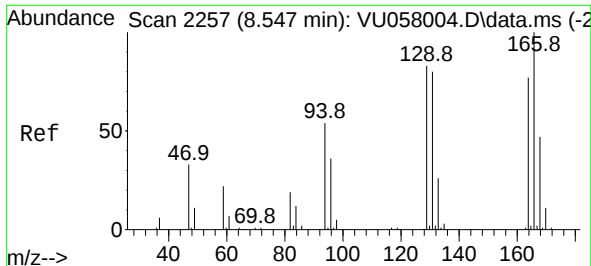
Tgt Ion: 63 Resp: 6178
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 0.095 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU058017.D
Acq: 08 Mar 2024 15:09

Tgt Ion: 97 Resp: 615
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.2#
83 259.2 64.2 119.2#
85 35.6 42.0 78.0#





#47

Tetrachloroethene

Concen: 8.319 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058017.D

Acq: 08 Mar 2024 15:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 64243

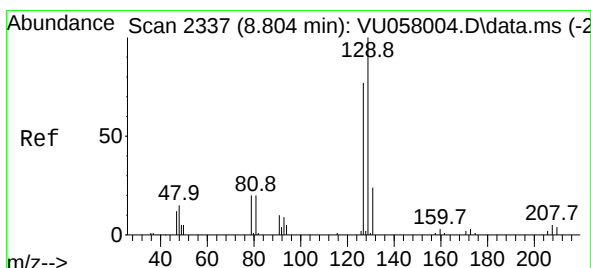
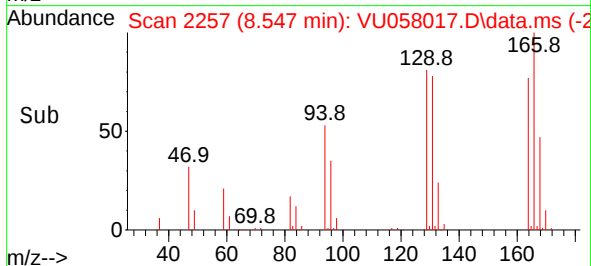
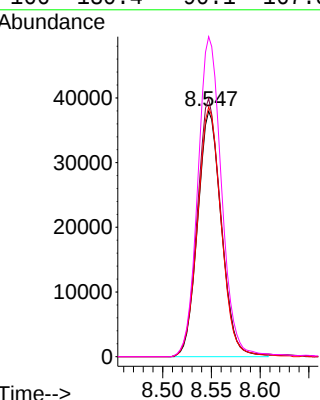
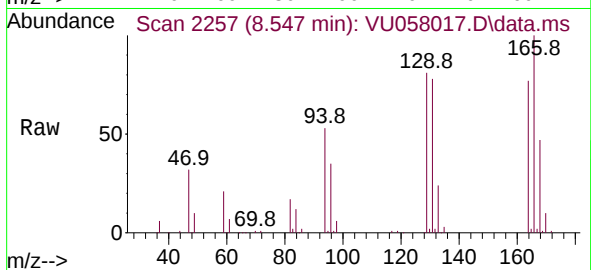
Ion Ratio Lower Upper

164 100

129 105.2 69.3 128.7

131 101.7 69.9 129.9

166 130.4 90.1 167.3



#49

Dibromochloromethane

Concen: 8.843 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058017.D

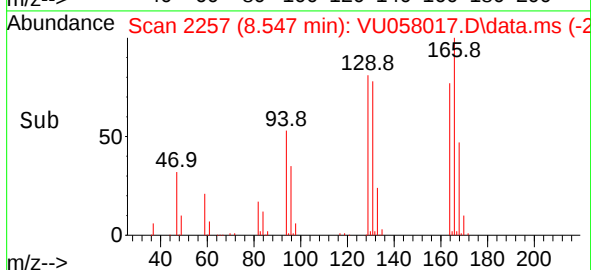
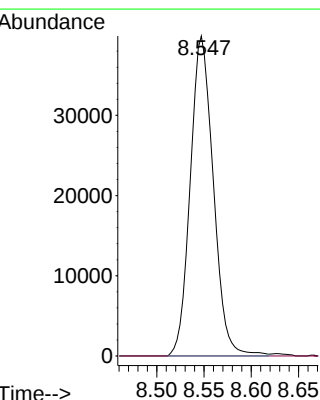
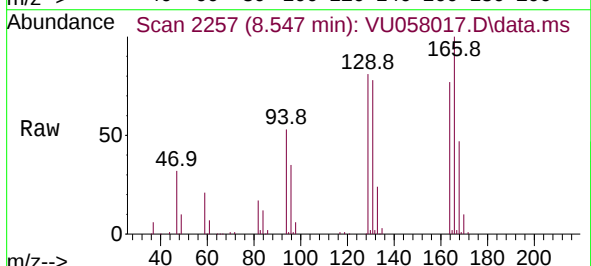
Acq: 08 Mar 2024 15:09

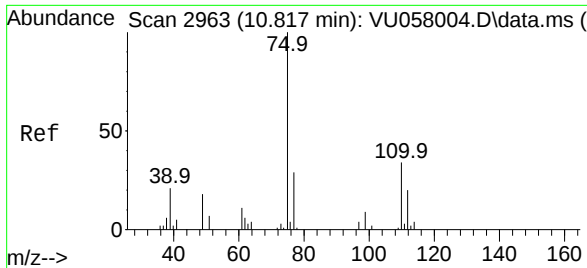
Tgt Ion:129 Resp: 67704

Ion Ratio Lower Upper

129 100

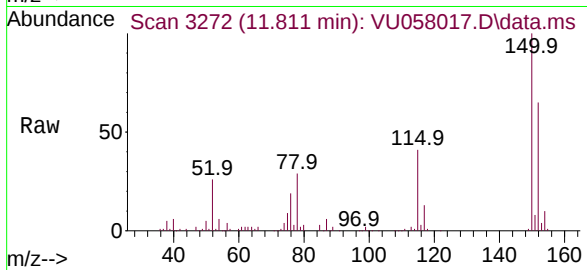
127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.709 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058017.D
 Acq: 08 Mar 2024 15:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8705
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.0 42.0#
 77 31.7 24.7 37.1

