

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058023.D
 Acq On : 08 Mar 2024 17:32
 Operator : MD/SY
 Sample : P1636-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:15:05 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)

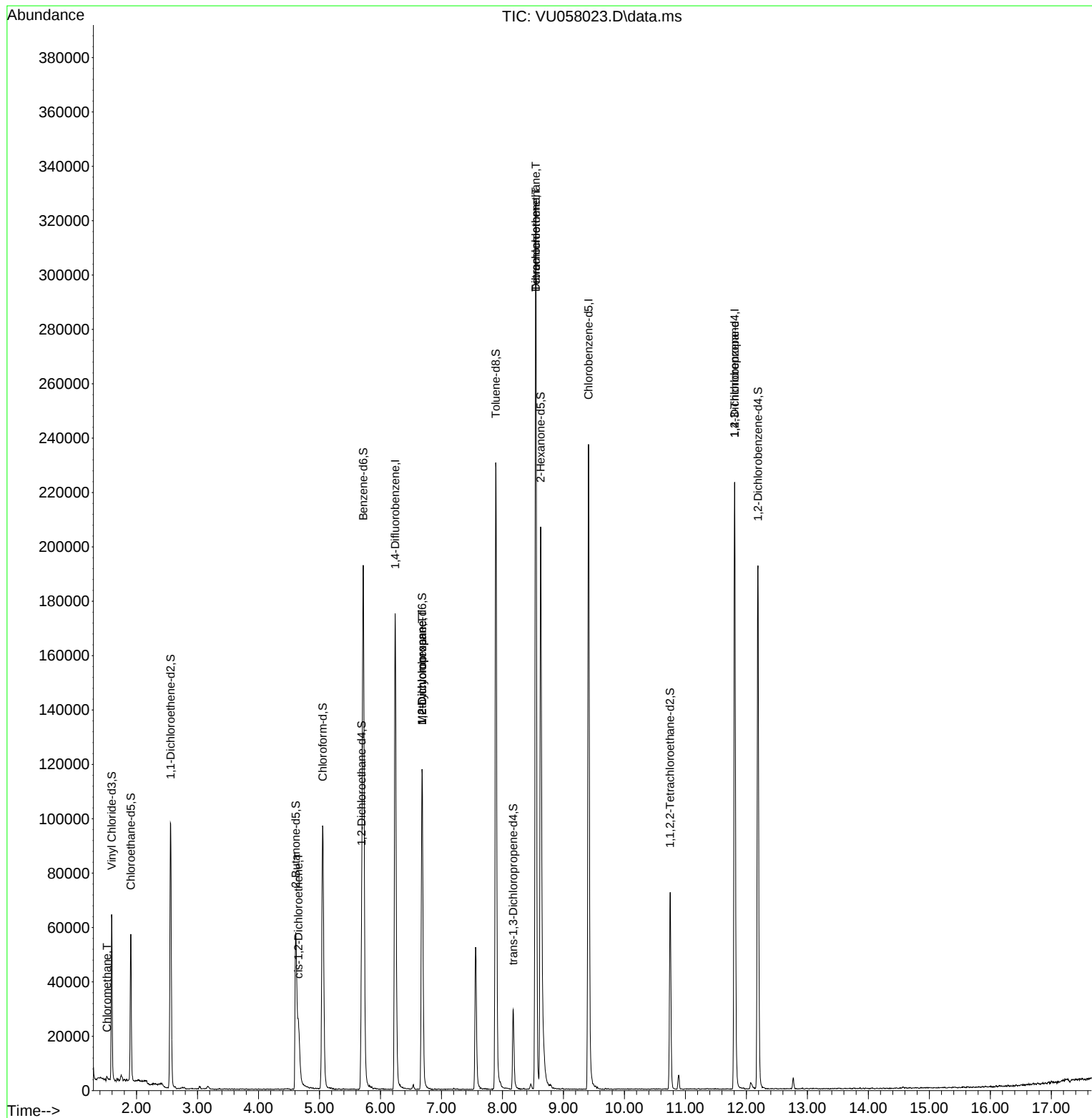
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42130	4.216	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	38295	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.560	65	19282	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.612	46	93131	56.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.140%
24) Chloroform-d	5.052	84	92061	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.692	65	43793	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.718	84	184604	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	59030	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	156592	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	19379	4.742	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	77410	56.413	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36901	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	50649	5.090	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1298	0.132	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	8336	0.830	ug/L	97
35) Methylcyclohexane	6.682	83	13603	0.819	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6386	0.602	ug/L #	89
47) Tetrachloroethene	8.547	164	66652	8.869	ug/L	97
49) Dibromochloromethane	8.547	129	69389	9.313	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8092	1.635	ug/L #	68

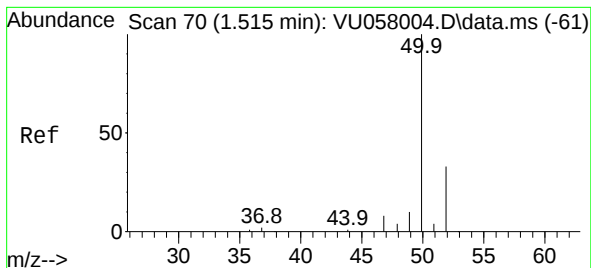
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058023.D

Acq: 08 Mar 2024 17:32

Instrument :

MSVOA_U

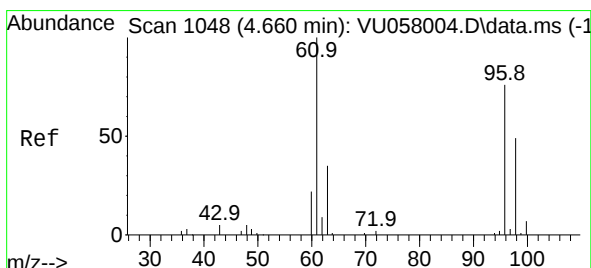
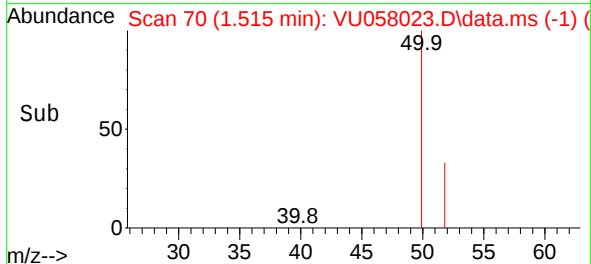
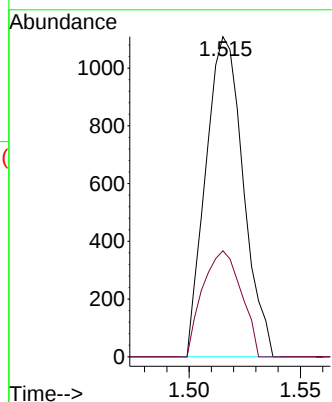
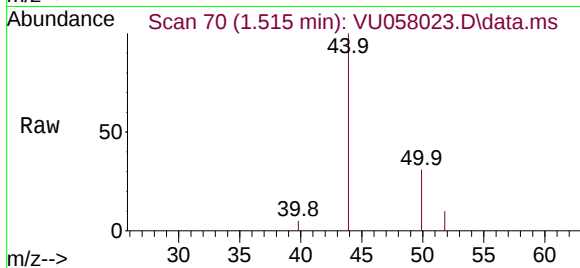
ClientSampleId :

Tgt Ion: 50 Resp: 1298

Ion Ratio Lower Upper

50 100

52 33.1 23.1 42.9



#22

cis-1,2-Dichloroethene

Concen: 0.830 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU058023.D

Acq: 08 Mar 2024 17:32

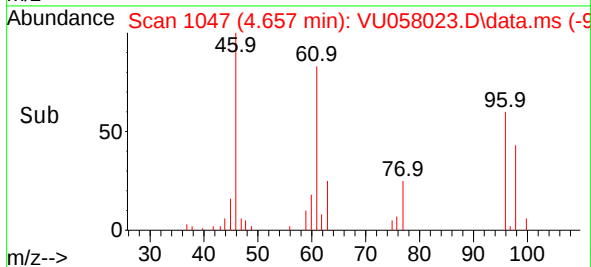
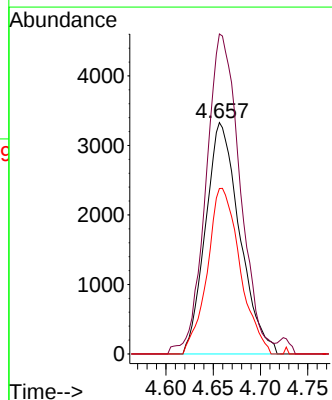
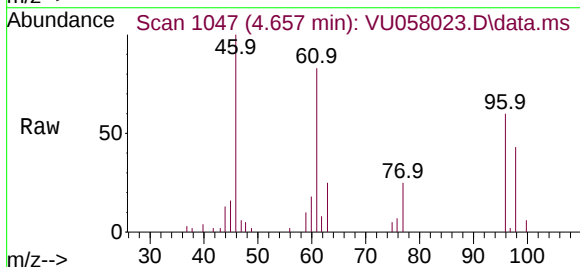
Tgt Ion: 96 Resp: 8336

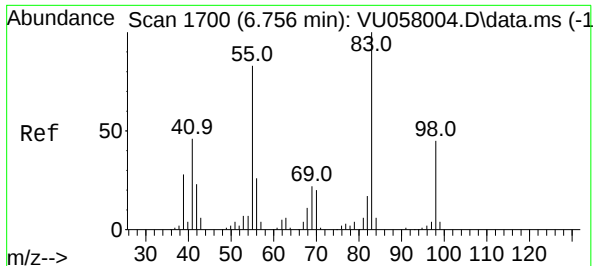
Ion Ratio Lower Upper

96 100

61 138.3 97.2 180.4

98 71.5 45.5 84.5





#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058023.D

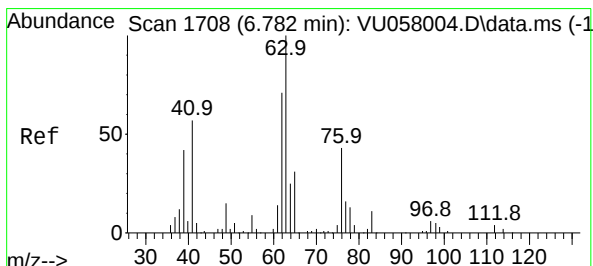
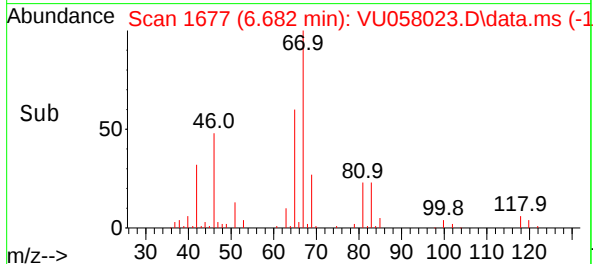
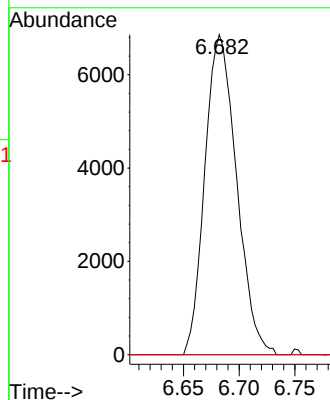
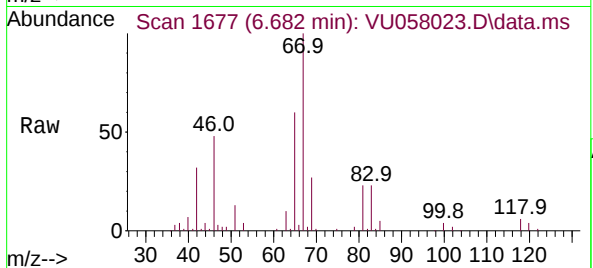
Acq: 08 Mar 2024 17:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	13603
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.0	94.6#
98	0.0	36.2	54.4#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

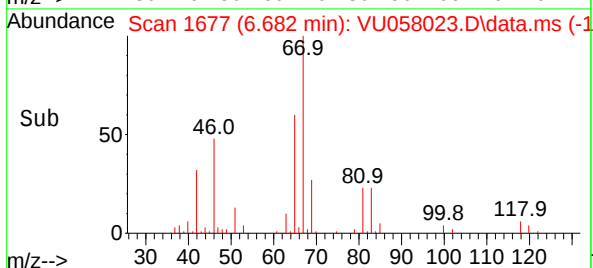
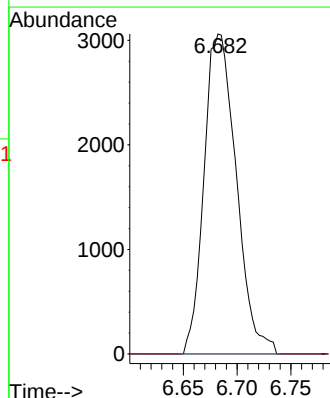
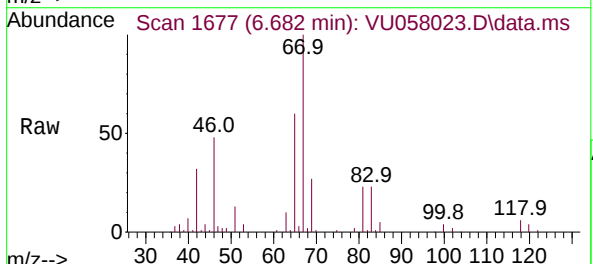
RT: 6.682 min Scan# 1677

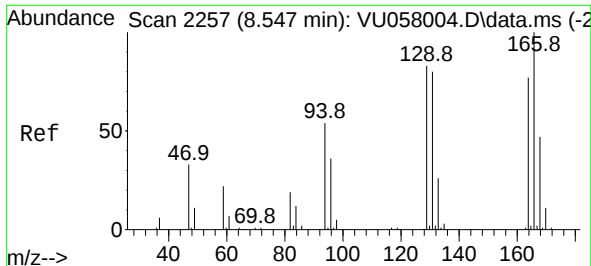
Delta R.T. -0.100 min

Lab File: VU058023.D

Acq: 08 Mar 2024 17:32

Tgt Ion:	63	Resp:	6386
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#47

Tetrachloroethene

Concen: 8.869 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058023.D

Acq: 08 Mar 2024 17:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 66652

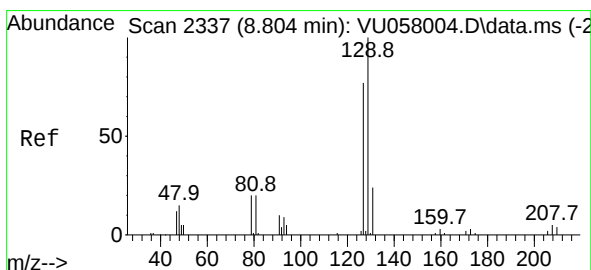
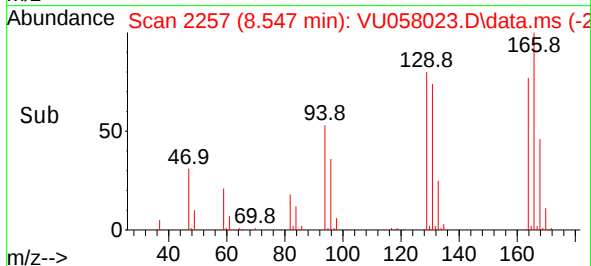
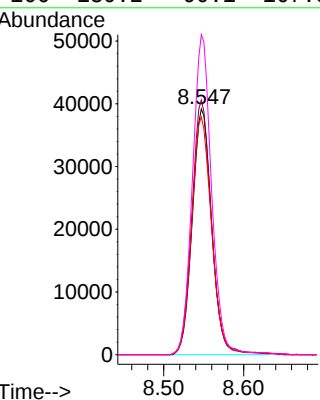
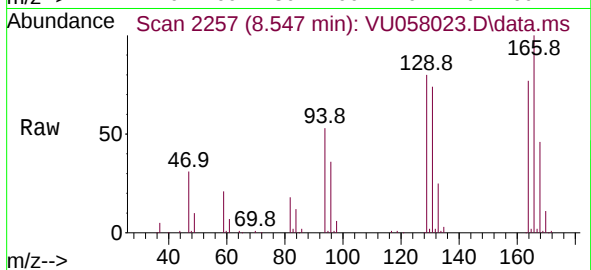
Ion Ratio Lower Upper

164 100

129 103.6 69.3 128.7

131 96.8 69.9 129.9

166 130.2 90.1 167.3



#49

Dibromochloromethane

Concen: 9.313 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058023.D

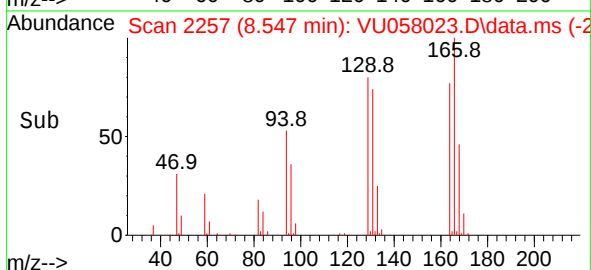
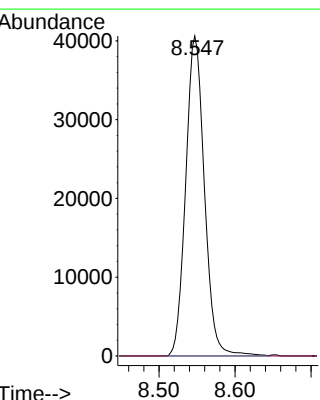
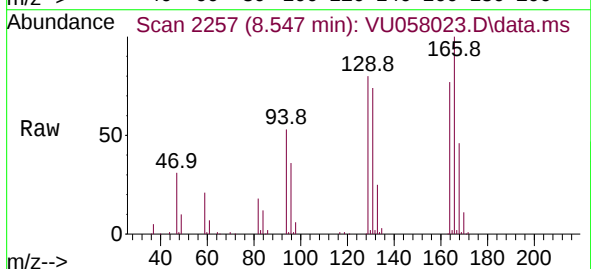
Acq: 08 Mar 2024 17:32

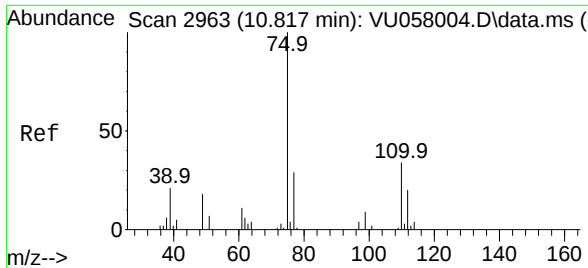
Tgt Ion:129 Resp: 69389

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.635 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058023.D
 Acq: 08 Mar 2024 17:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75	Resp:	8092
Ion Ratio	Lower	Upper
75	100	
110	1.9	28.0 42.0#
77	33.3	24.7 37.1

