

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU060998.D
 Acq On : 25 Sep 2024 12:44
 Operator : MD/SY
 Sample : P3990-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 05:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

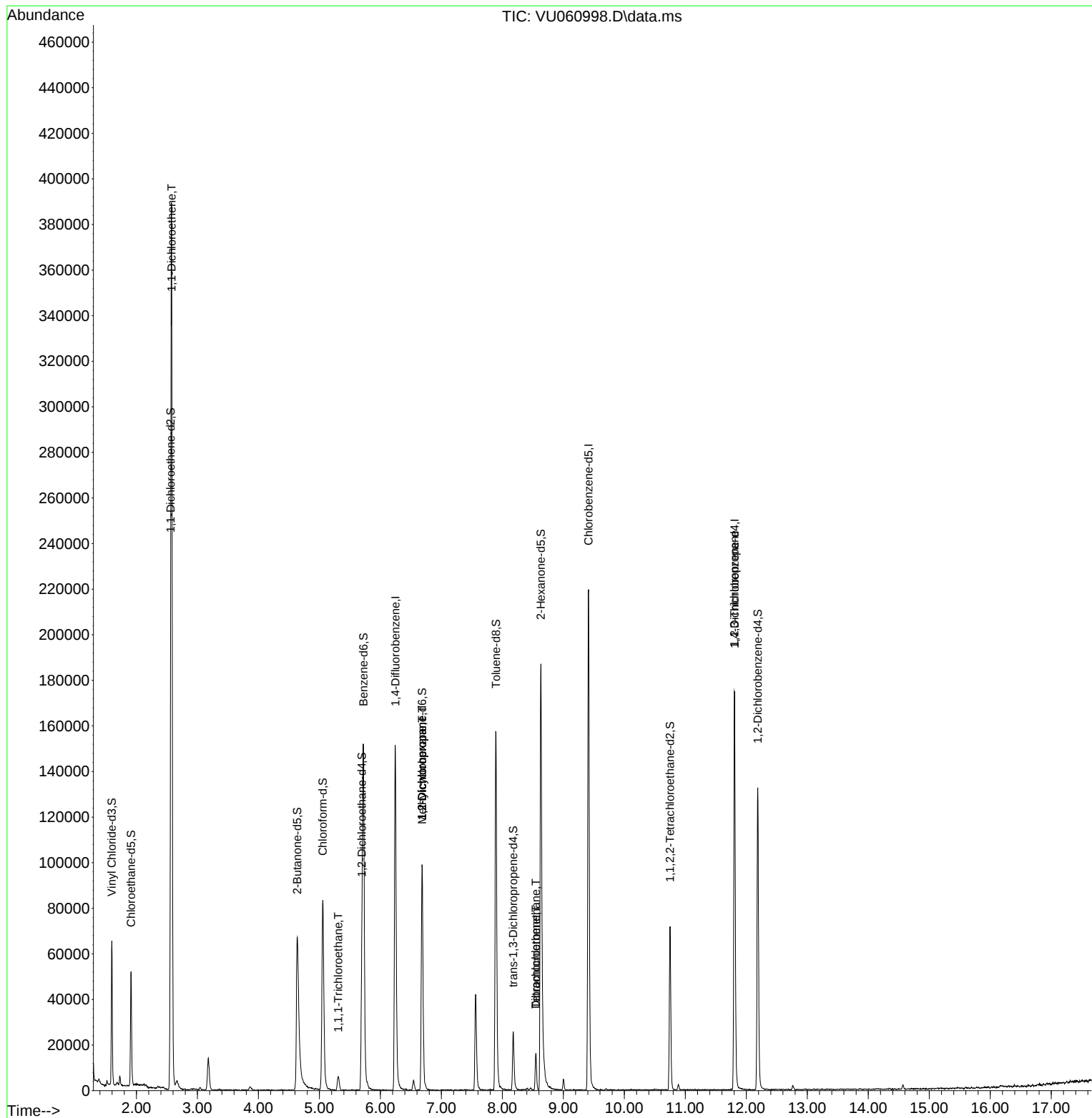
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	127872	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44559	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	38036	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	17257	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.634	46	92963	50.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.700%
24) Chloroform-d	5.055	84	80199	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	40841	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	146284	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	51724	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	115007	3.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	16680	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.631	63	68271	44.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38306	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	39219	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	123011	15.293	ug/L #	77
29) 1,1,1-Trichloroethane	5.309	97	4903	0.345	ug/L	99
35) Methylcyclohexane	6.685	83	10876	0.836	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5070	0.509	ug/L #	93
47) Tetrachloroethene	8.550	164	3647	0.484	ug/L	89
49) Dibromochloromethane	8.550	129	3588	0.438	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	6152	1.291	ug/L #	63

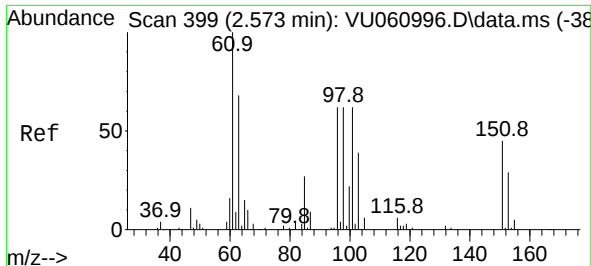
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 15.293 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060998.D

Acq: 25 Sep 2024 12:44

Instrument :

MSVOA_U

ClientSampleId :

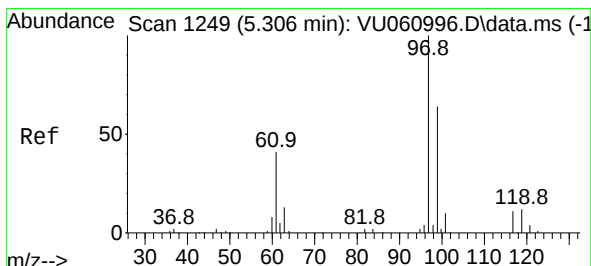
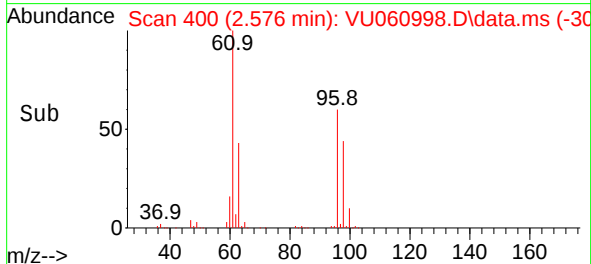
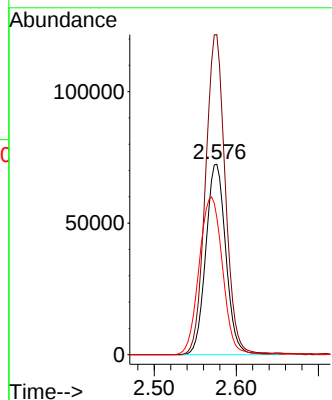
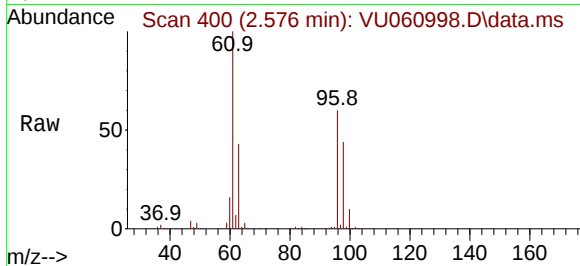
Tgt Ion: 96 Resp: 123011

Ion Ratio Lower Upper

96 100

61 168.0 120.7 224.1

63 72.0 90.0 167.2#



#29

1,1,1-Trichloroethane

Concen: 0.345 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU060998.D

Acq: 25 Sep 2024 12:44

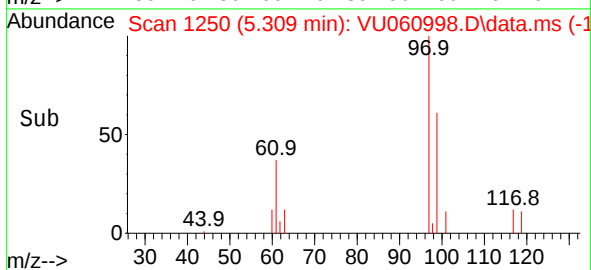
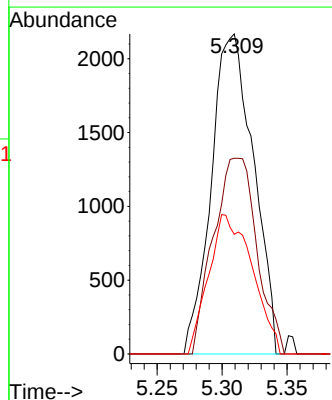
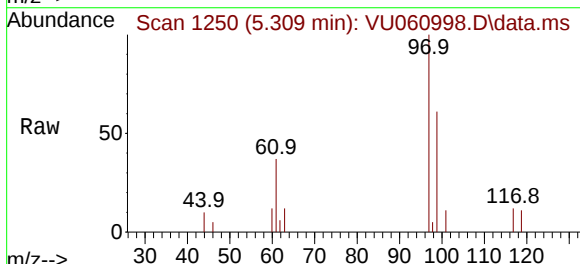
Tgt Ion: 97 Resp: 4903

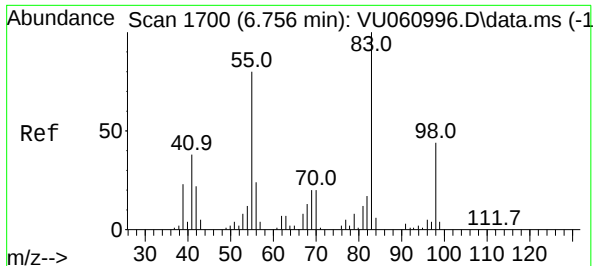
Ion Ratio Lower Upper

97 100

99 63.3 50.5 75.7

61 45.1 34.4 51.6





#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060998.D

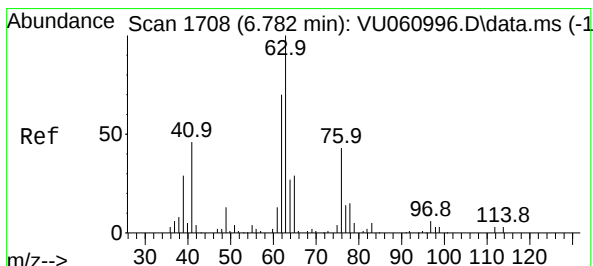
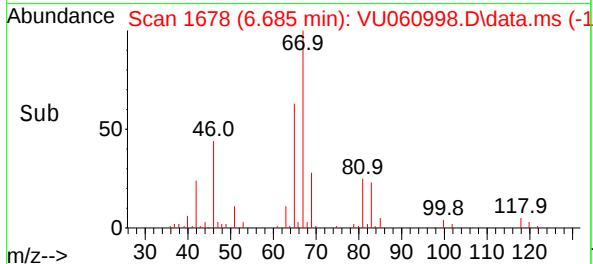
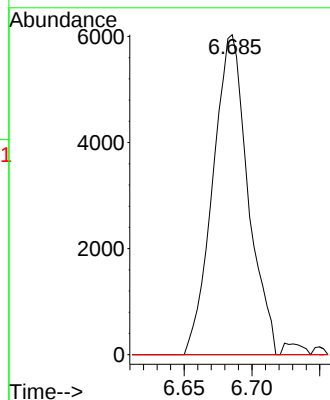
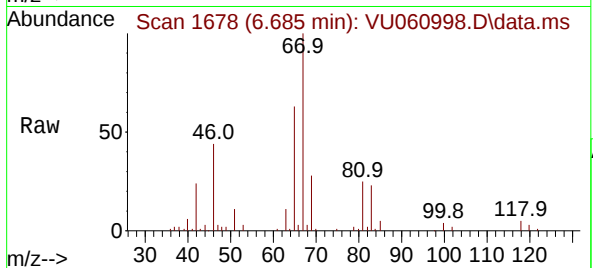
Acq: 25 Sep 2024 12:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10876
Ion Ratio	Lower Upper
83	100
55	0.0 62.6 94.0#
98	0.6 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.509 ug/L

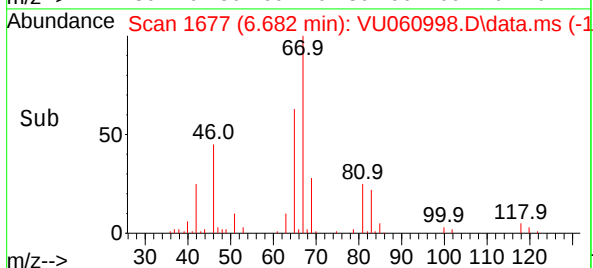
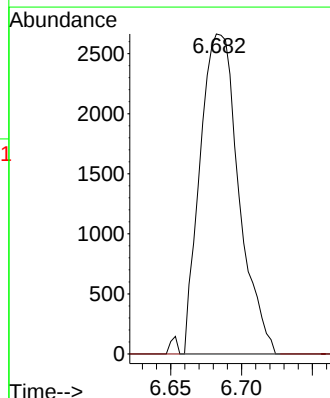
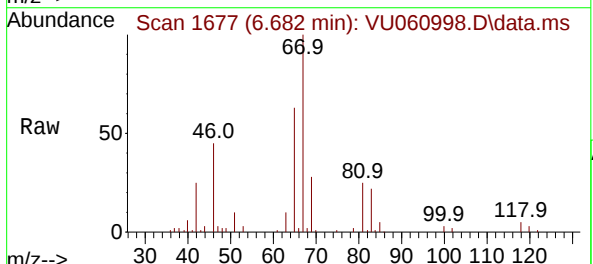
RT: 6.682 min Scan# 1677

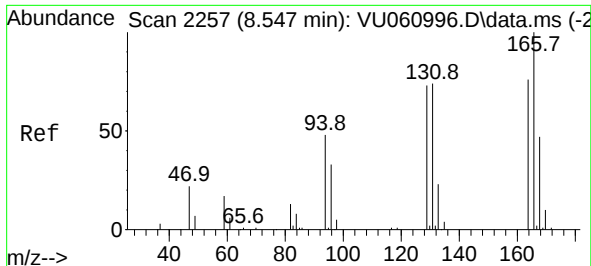
Delta R.T. -0.100 min

Lab File: VU060998.D

Acq: 25 Sep 2024 12:44

Tgt Ion: 63	Resp: 5070
Ion Ratio	Lower Upper
63	100
112	0.0 2.0 3.0#





#47

Tetrachloroethene

Concen: 0.484 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060998.D

Acq: 25 Sep 2024 12:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 3647

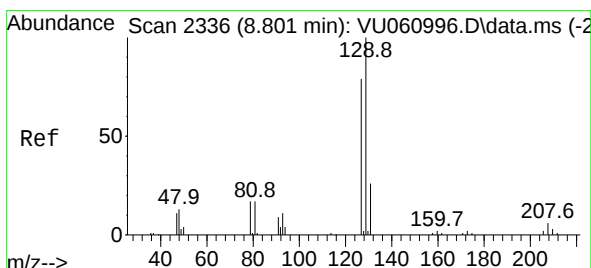
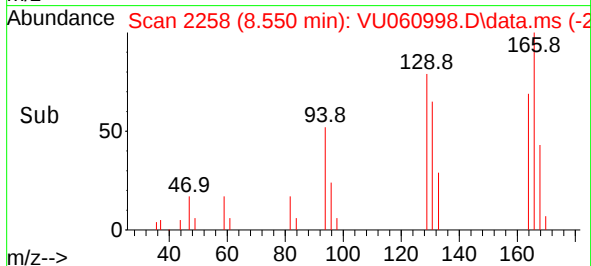
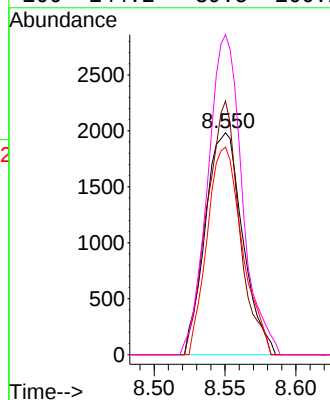
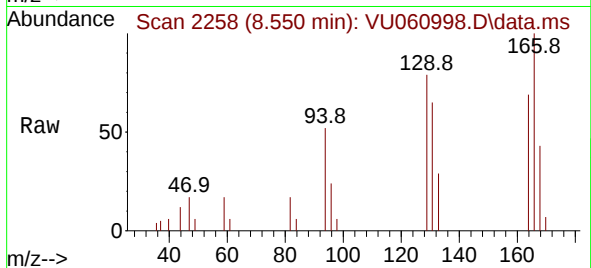
Ion Ratio Lower Upper

164 100

129 114.3 67.3 124.9

131 93.5 65.4 121.4

166 144.2 89.5 166.1



#49

Dibromochloromethane

Concen: 0.438 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.251 min

Lab File: VU060998.D

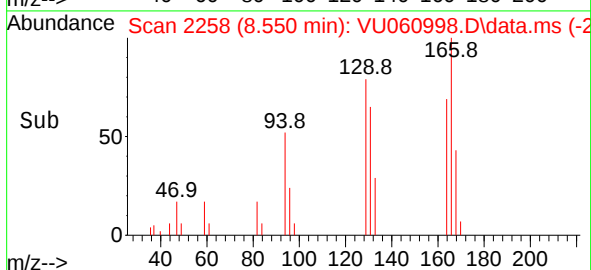
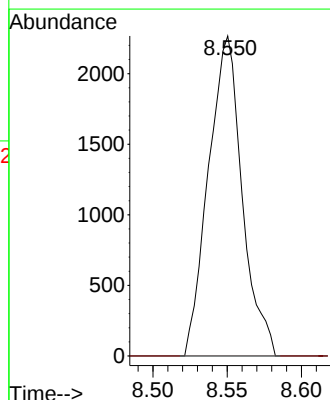
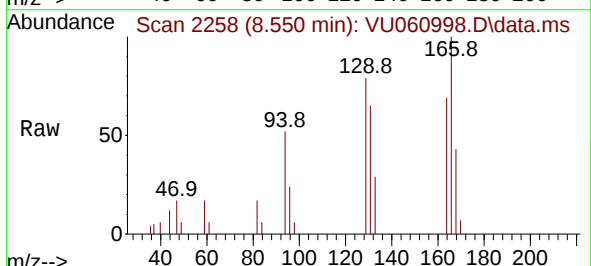
Acq: 25 Sep 2024 12:44

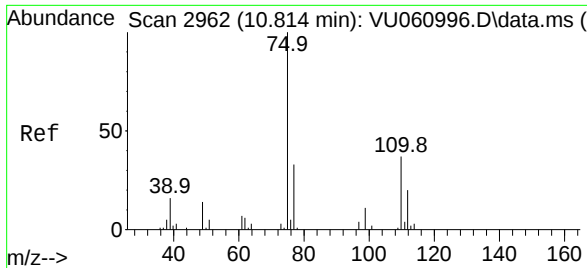
Tgt Ion:129 Resp: 3588

Ion Ratio Lower Upper

129 100

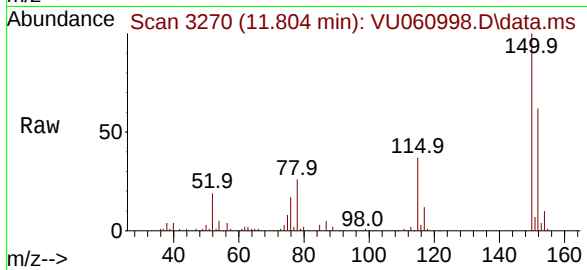
127 0.0 56.1 104.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.291 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060998.D
 Acq: 25 Sep 2024 12:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6152
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 43.0#
 77 26.2 26.3 39.5#

