

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061324\
 Data File : VU059236.D
 Acq On : 13 Jun 2024 15:48
 Operator : MD/SY
 Sample : P2850-02DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 14 06:56:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 14 06:53:55 2024
 Response via : Initial Calibration

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

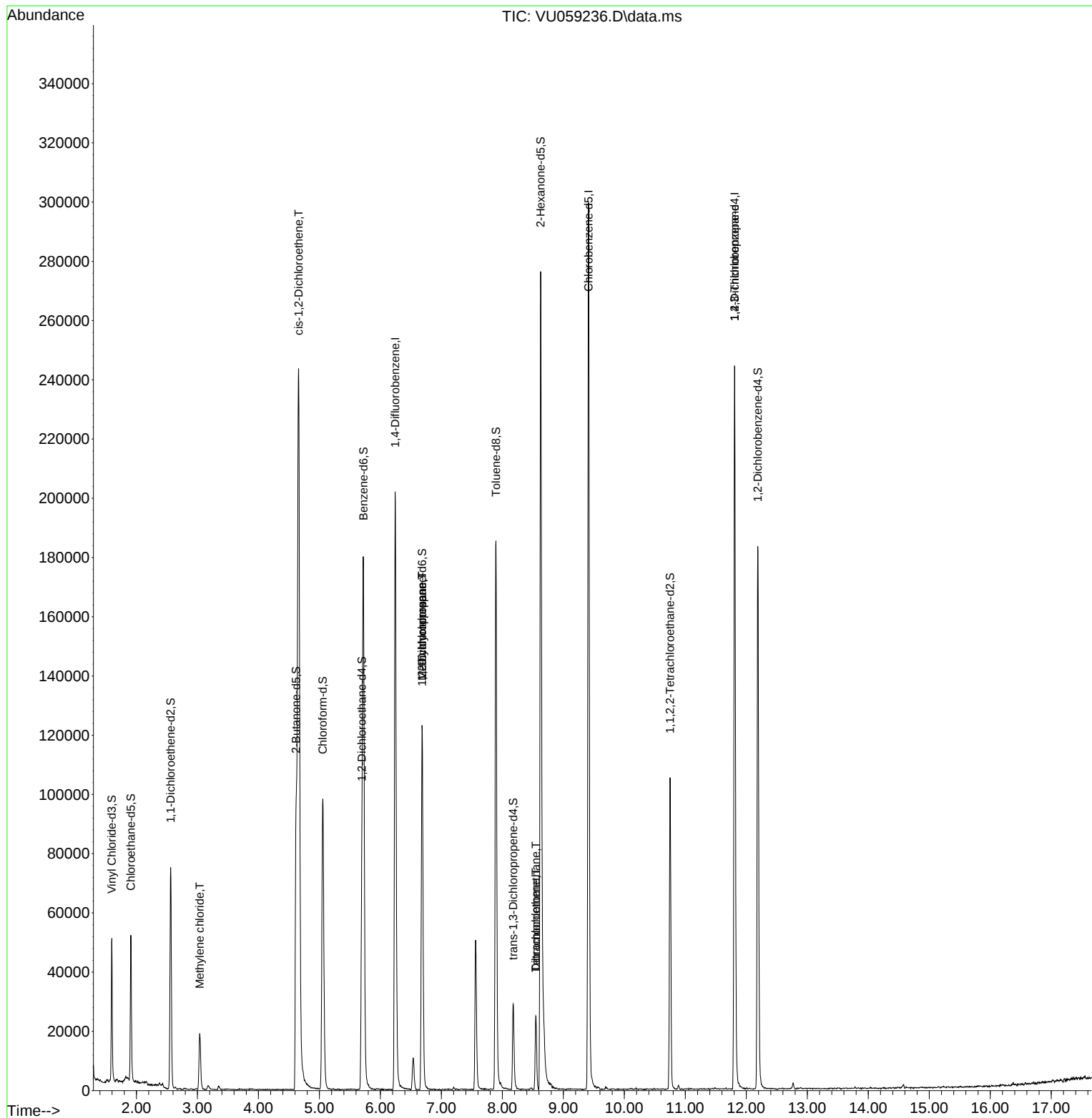
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164642	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33762	3.385	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.908	69	36633	4.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	14114	3.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.618	46	146014	56.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	5.055	84	96400	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	49905	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	169445	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	60707	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	131115	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	18211	4.133	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.628	63	95327	45.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57397	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	50262	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	9725	0.699	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	125678	10.108	ug/L	99
35) Methylcyclohexane	6.682	83	14074	0.756	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6671	0.476	ug/L #	90
47) Tetrachloroethene	8.550	164	5775	0.621	ug/L	96
49) Dibromochloromethane	8.547	129	5572	0.536	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	8668	1.207	ug/L #	69

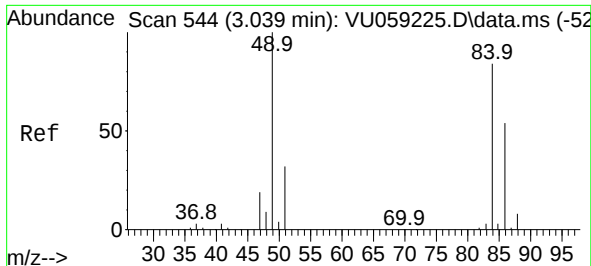
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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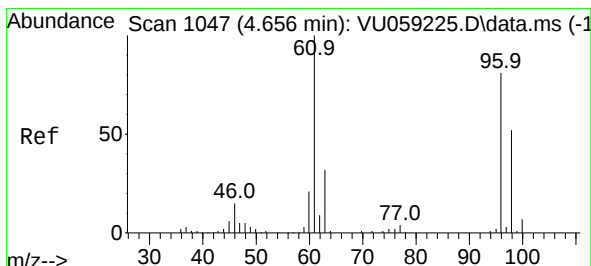
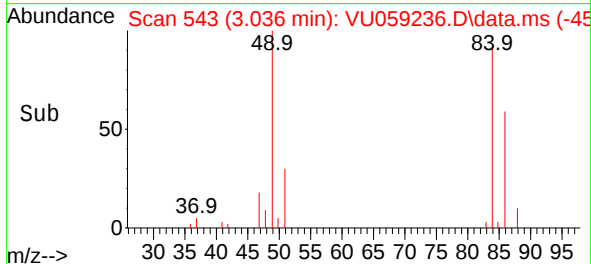
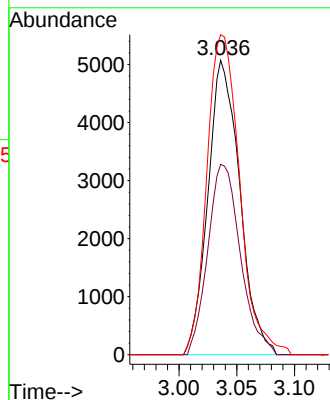
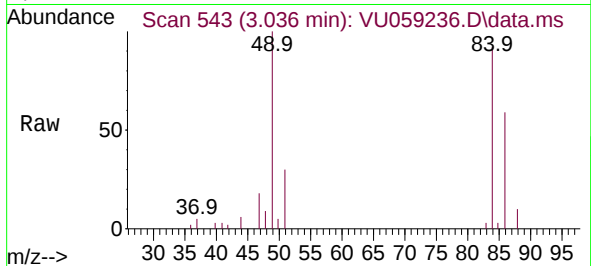




#16
Methylene chloride
Concen: 0.699 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059236.D
Acq: 13 Jun 2024 15:48

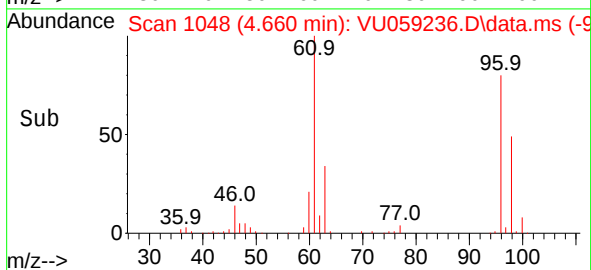
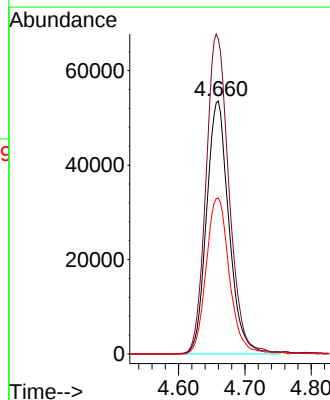
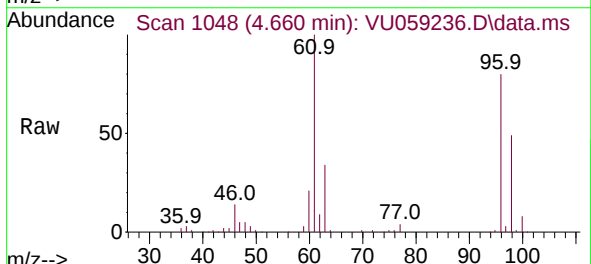
Instrument :
MSVOA_U
ClientSampleId :

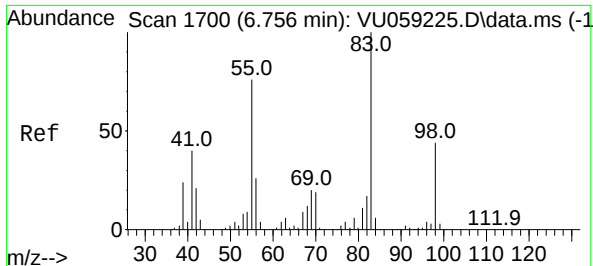
Tgt Ion: 84 Resp: 9725
Ion Ratio Lower Upper
84 100
86 64.7 42.1 78.1
49 114.1 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 10.108 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059236.D
Acq: 13 Jun 2024 15:48

Tgt Ion: 96 Resp: 125678
Ion Ratio Lower Upper
96 100
61 124.6 87.4 162.2
98 61.6 42.3 78.5





#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059236.D

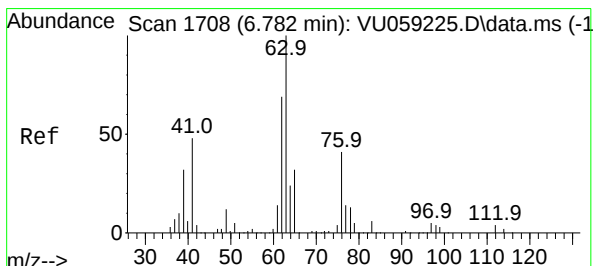
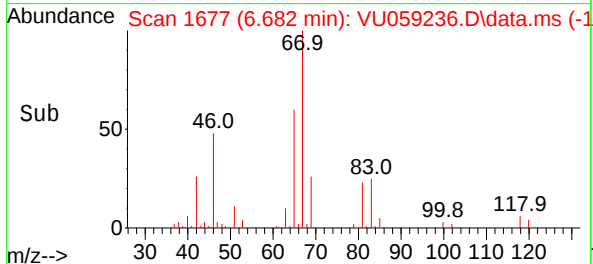
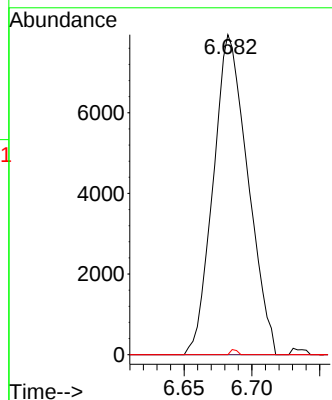
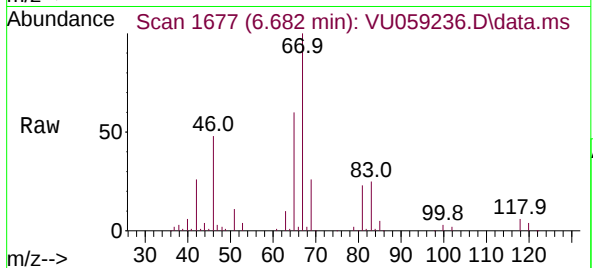
Acq: 13 Jun 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14074
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	0.3 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.476 ug/L

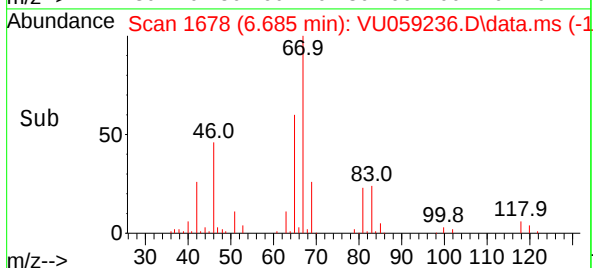
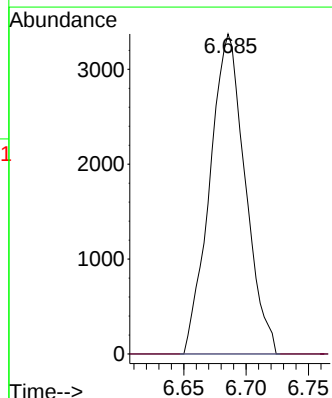
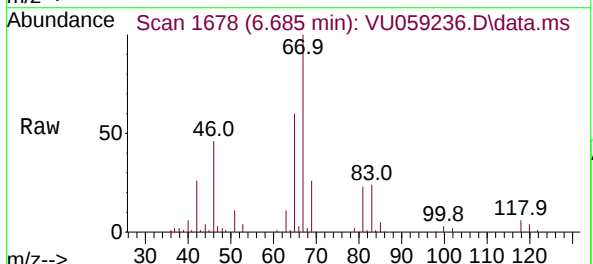
RT: 6.685 min Scan# 1678

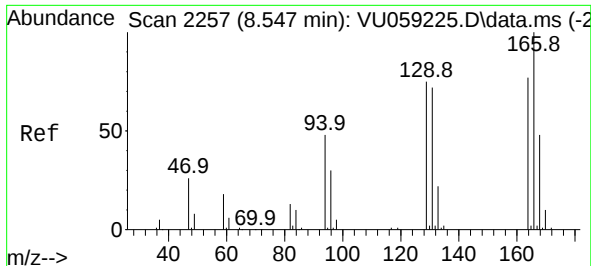
Delta R.T. -0.096 min

Lab File: VU059236.D

Acq: 13 Jun 2024 15:48

Tgt Ion: 63	Resp: 6671
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 0.621 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

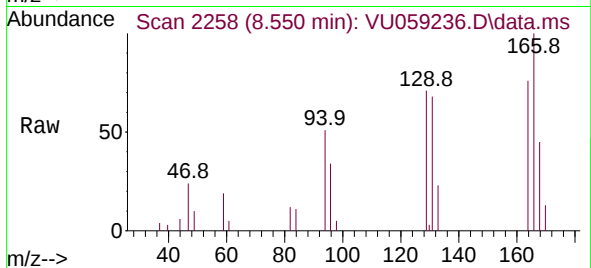
Lab File: VU059236.D

Acq: 13 Jun 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 5775

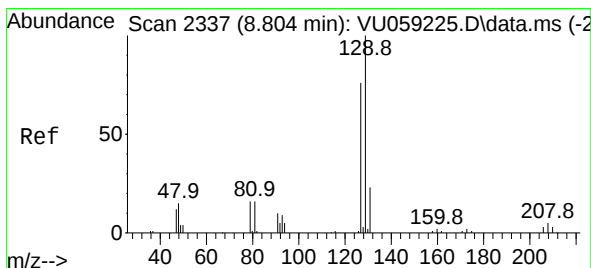
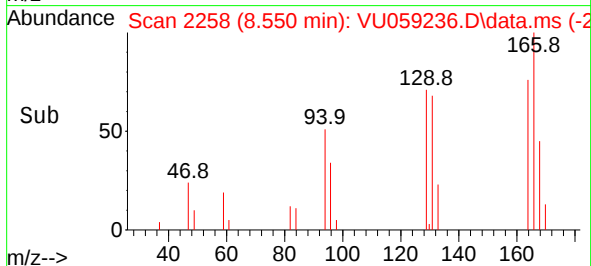
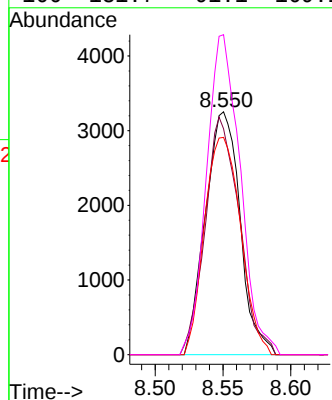
Ion Ratio Lower Upper

164 100

129 93.0 70.8 131.4

131 89.5 64.8 120.3

166 131.7 91.1 169.1



#49

Dibromochloromethane

Concen: 0.536 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059236.D

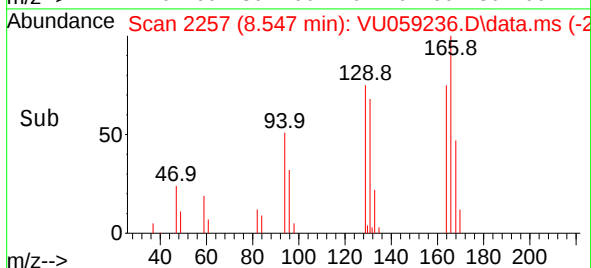
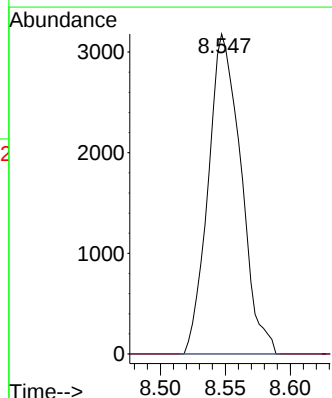
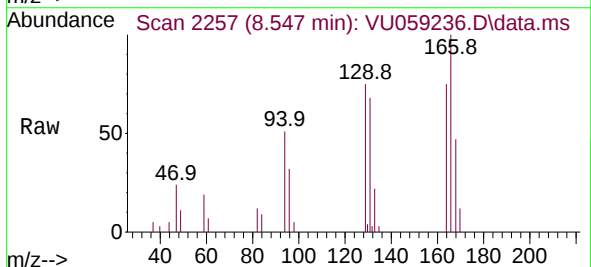
Acq: 13 Jun 2024 15:48

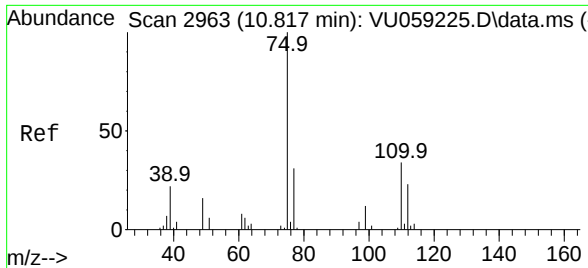
Tgt Ion:129 Resp: 5572

Ion Ratio Lower Upper

129 100

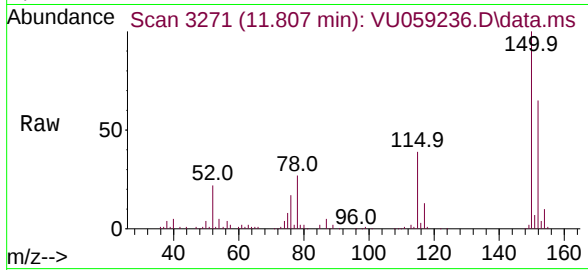
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.207 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU059236.D
 Acq: 13 Jun 2024 15:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8668
 Ion Ratio Lower Upper
 75 100
 110 1.5 27.1 40.7#
 77 29.5 25.4 38.2

