

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058846.D
 Acq On : 07 May 2024 16:58
 Operator : MD/SY
 Sample : P2392-04DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:11:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

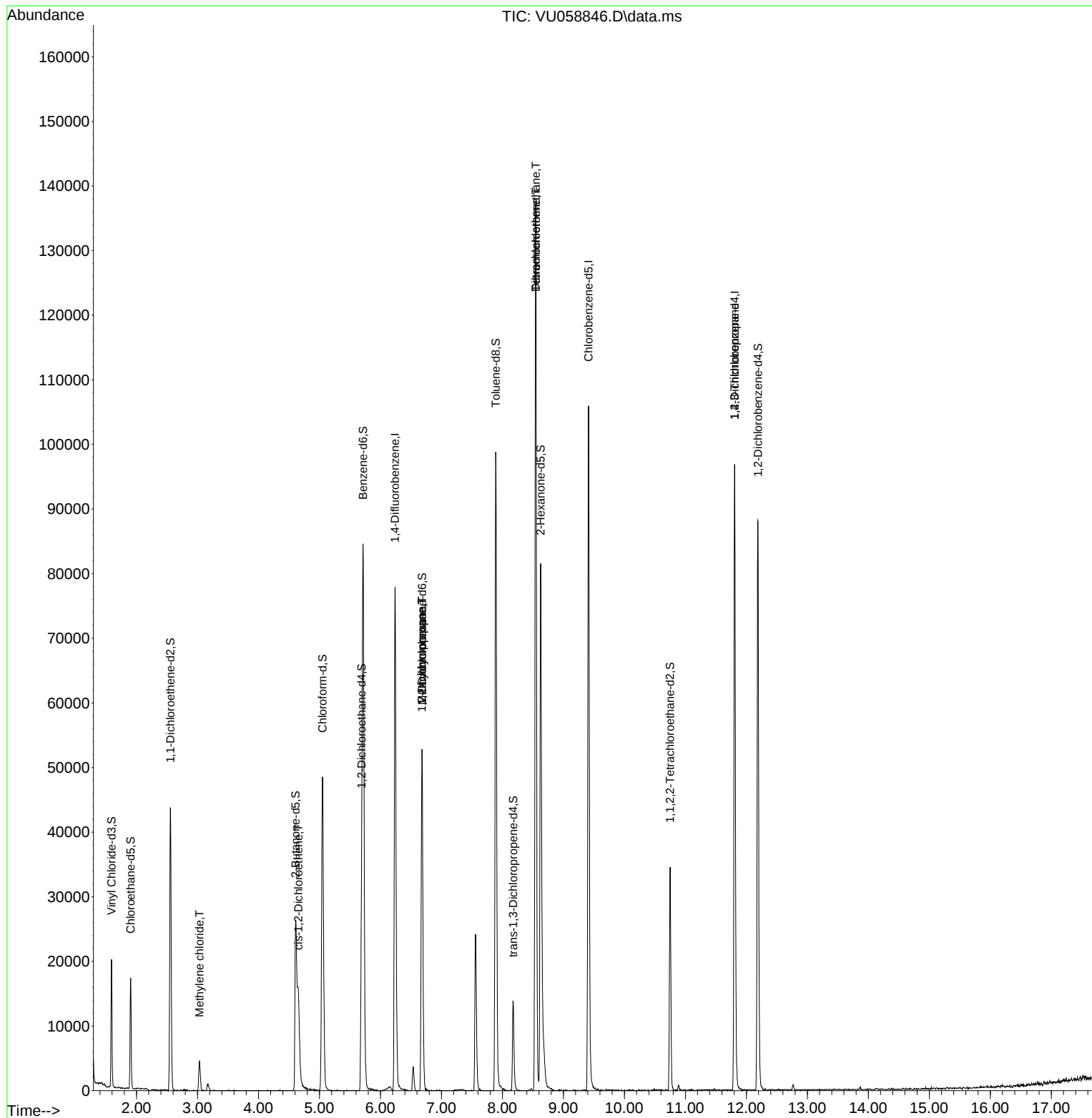
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	61526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13474	2.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.600%
7) Chloroethane-d5	1.904	69	11398	3.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.600%#
11) 1,1-Dichloroethene-d2	2.557	65	8720	3.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.608	46	35558	41.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.640%
24) Chloroform-d	5.049	84	46670	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.692	65	23765	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.714	84	76751	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	21877	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	65688	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	8549	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.624	63	27576	46.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.620%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16045	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	24187	5.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	2330	0.483	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	5829	1.182	ug/L	88
35) Methylcyclohexane	6.682	83	5851	0.711	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	2919	0.562	ug/L #	89
47) Tetrachloroethene	8.547	164	29035	7.640	ug/L	93
49) Dibromochloromethane	8.547	129	28383	8.103	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	2905	1.181	ug/L #	67

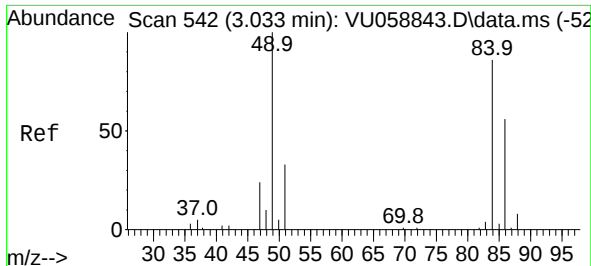
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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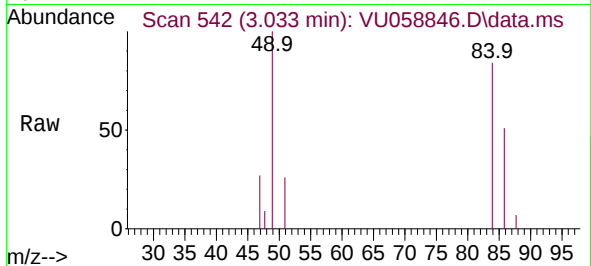
Quant Time: May 08 05:11:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 08 05:10:37 2024
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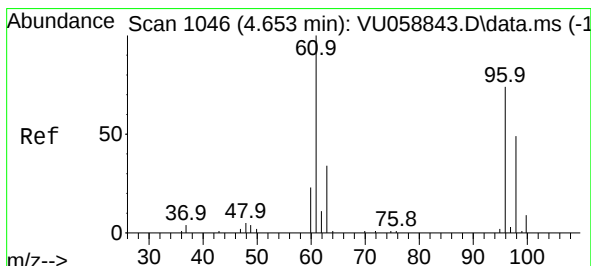
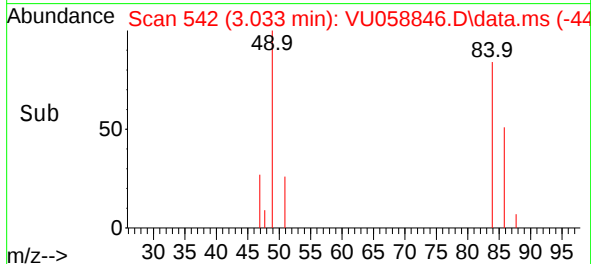
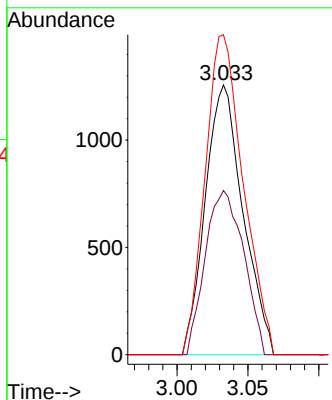


#16
Methylene chloride
Concen: 0.483 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU058846.D
Acq: 07 May 2024 16:58

Instrument :
MSVOA_U
ClientSampleId :

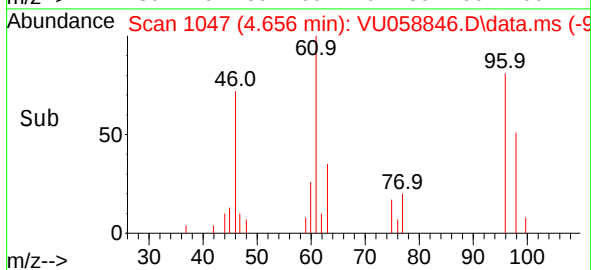
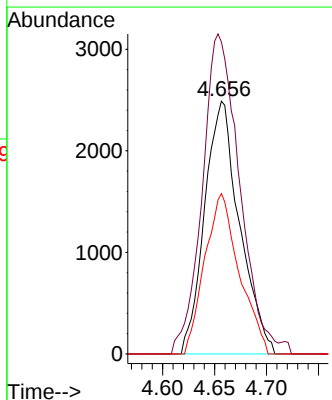
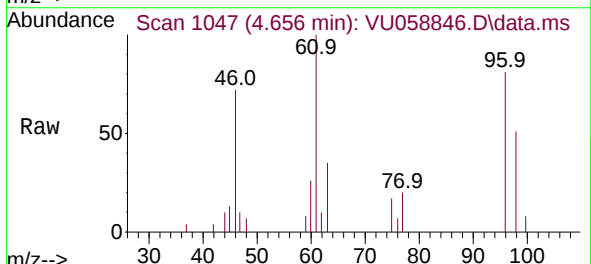


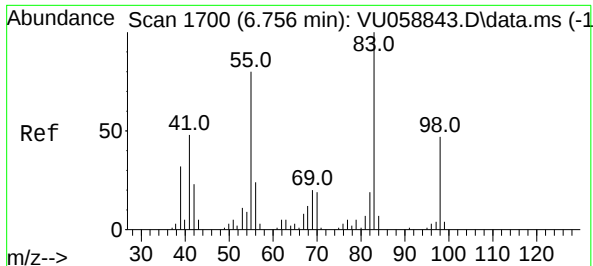
Tgt Ion: 84 Resp: 2330
Ion Ratio Lower Upper
84 100
86 60.8 45.0 83.6
49 118.6 91.6 170.2



#22
cis-1,2-Dichloroethene
Concen: 1.182 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058846.D
Acq: 07 May 2024 16:58

Tgt Ion: 96 Resp: 5829
Ion Ratio Lower Upper
96 100
61 123.4 100.4 186.4
98 63.4 45.1 83.7

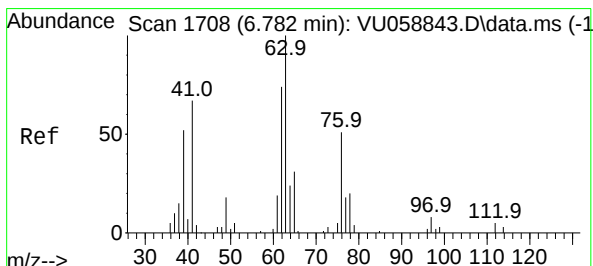
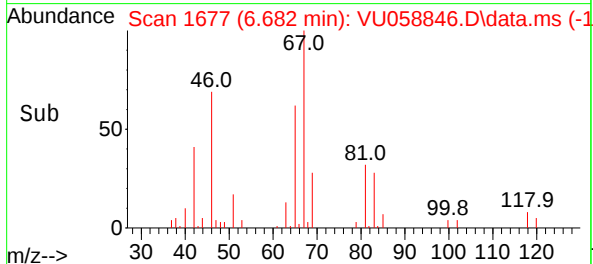
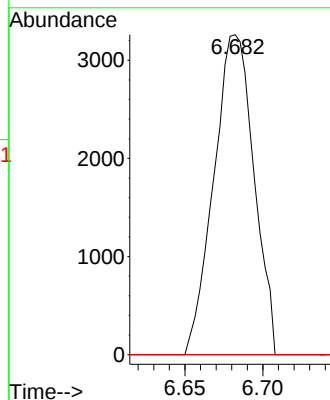
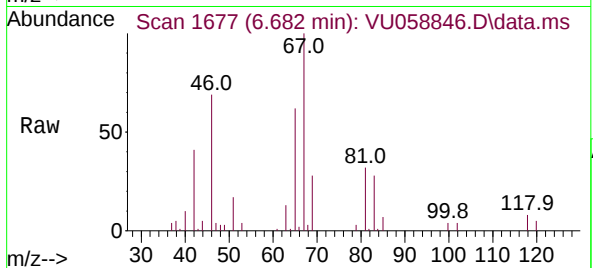




#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058846.D
Acq: 07 May 2024 16:58

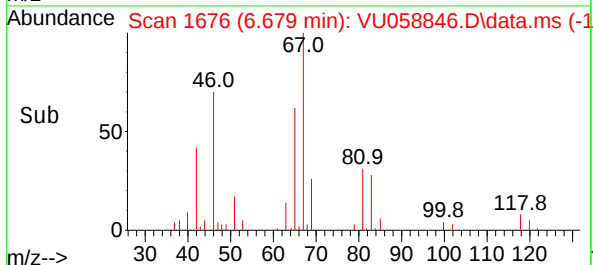
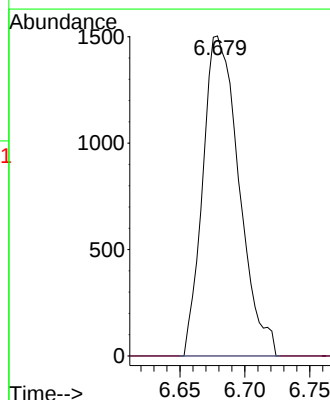
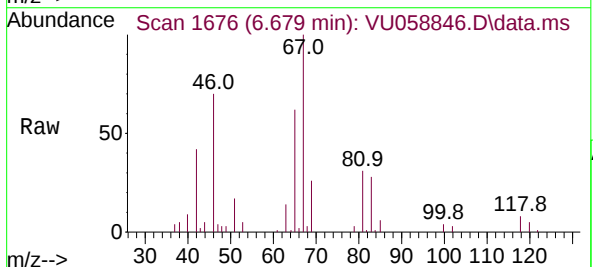
Instrument :
MSVOA_U
ClientSampleId :

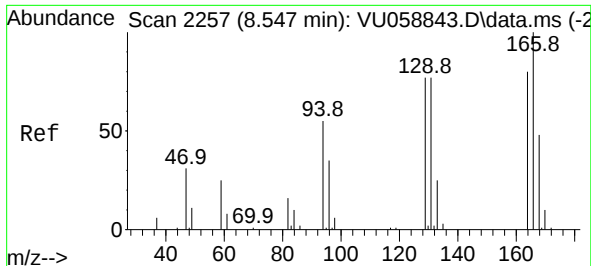
Tgt Ion: 83 Resp: 5851
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.0 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU058846.D
Acq: 07 May 2024 16:58

Tgt Ion: 63 Resp: 2919
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 7.640 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

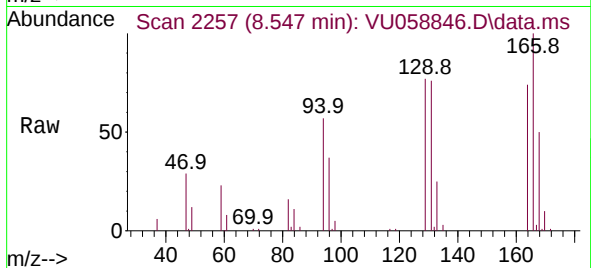
Lab File: VU058846.D

Acq: 07 May 2024 16:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 29035

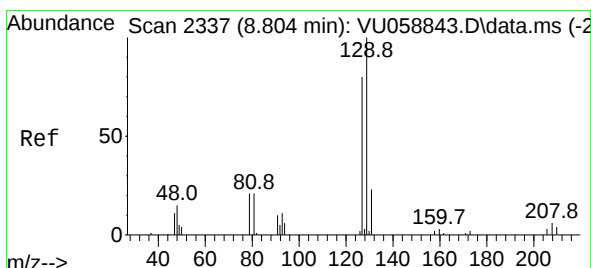
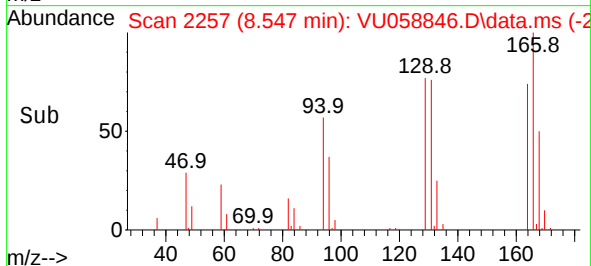
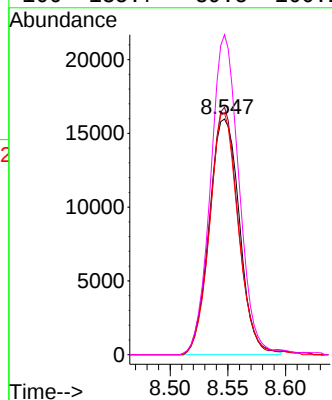
Ion Ratio Lower Upper

164 100

129 105.0 71.5 132.9

131 102.5 65.0 120.6

166 135.7 89.5 166.1



#49

Dibromochloromethane

Concen: 8.103 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058846.D

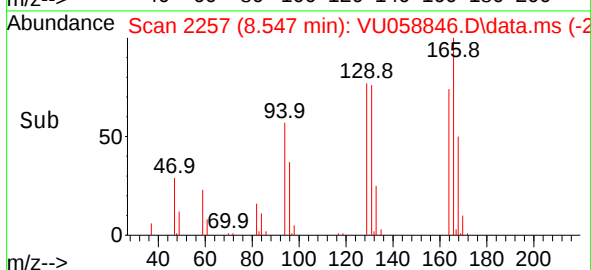
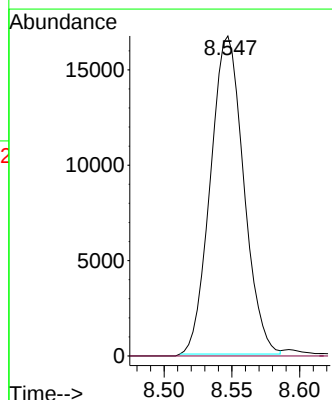
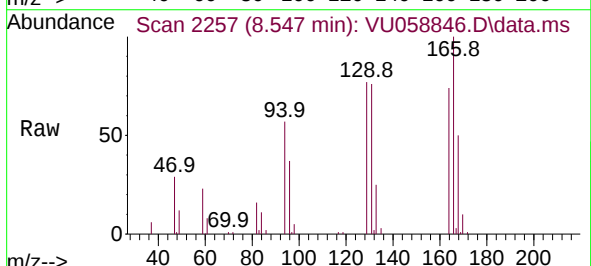
Acq: 07 May 2024 16:58

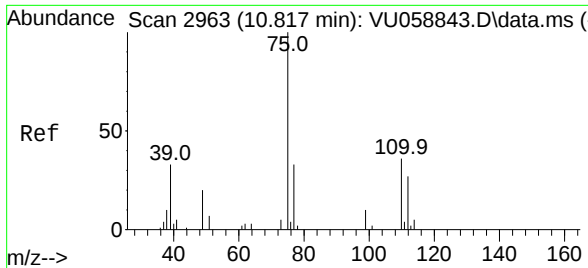
Tgt Ion:129 Resp: 28383

Ion Ratio Lower Upper

129 100

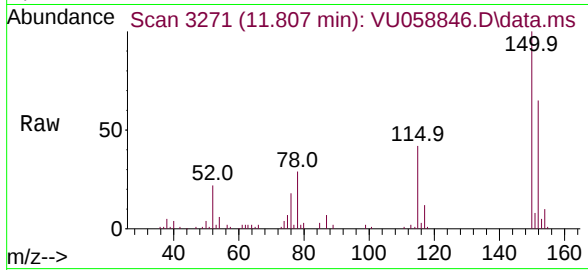
127 0.0 51.0 94.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.181 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058846.D
 Acq: 07 May 2024 16:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 2905
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 43.0#
 77 31.2 25.4 38.2

