

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058834.D
 Acq On : 06 May 2024 15:35
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:11:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

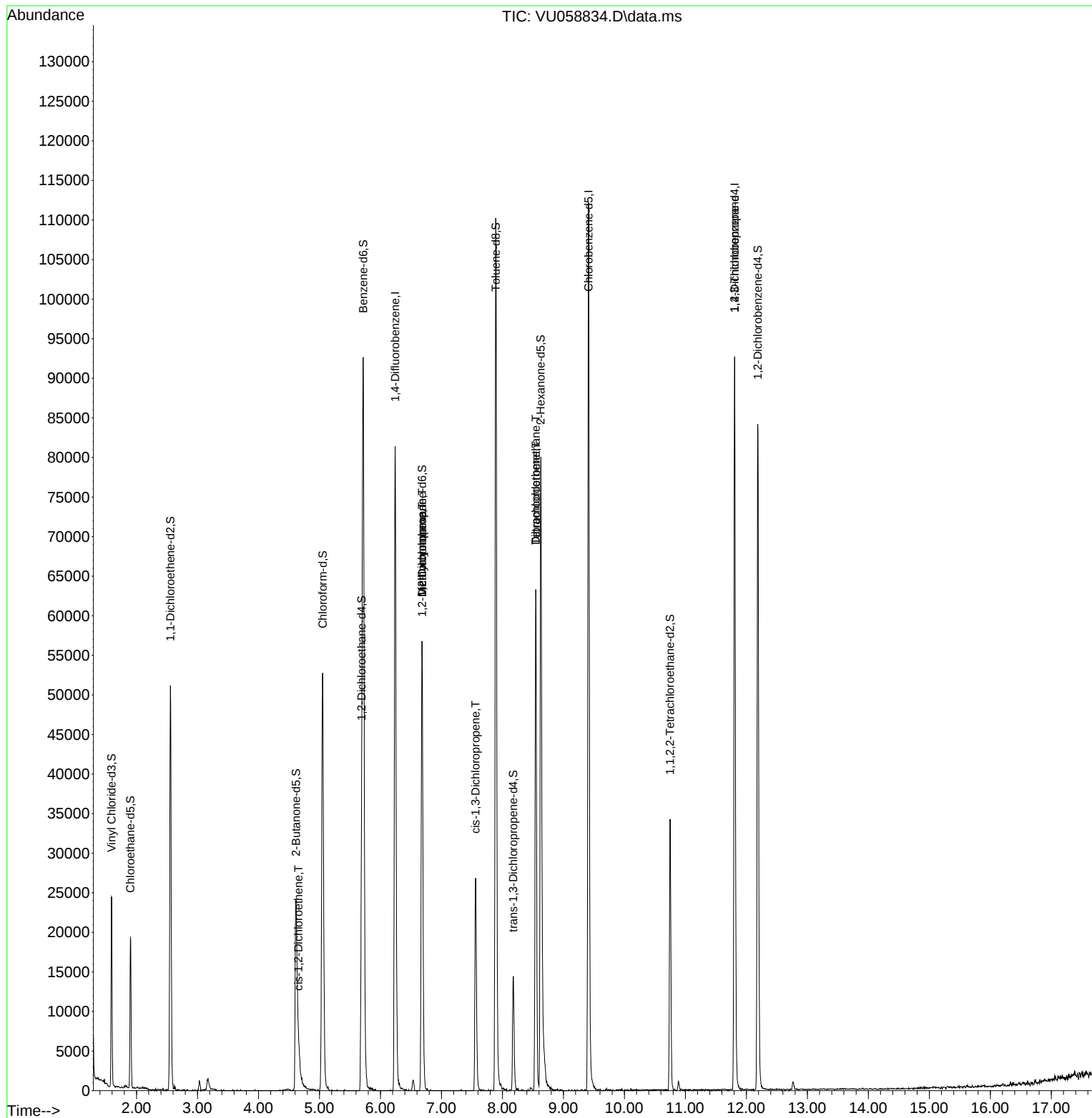
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63560	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60299	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16639	3.328	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.901	69	12938	3.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.557	65	10123	4.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.615	46	38304	43.607	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.220%
24) Chloroform-d	5.052	84	49961	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.692	65	26254	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.718	84	86048	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	24705	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	74311	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	8873	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	26507	42.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16173	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	23235	5.266	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.657	96	721	0.142	ug/L #	75
35) Methylcyclohexane	6.682	83	6701	0.777	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3329	0.611	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	908	0.120	ug/L #	77
47) Tetrachloroethene	8.547	164	13013	3.266	ug/L	93
49) Dibromochloromethane	8.547	129	13213	3.598	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	2950	1.280	ug/L #	65

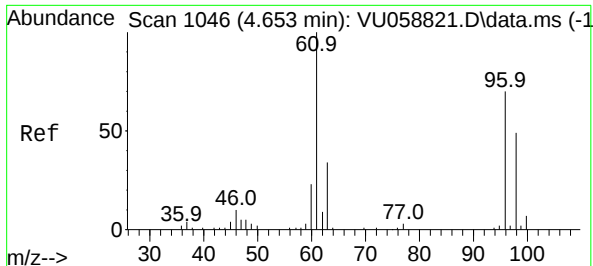
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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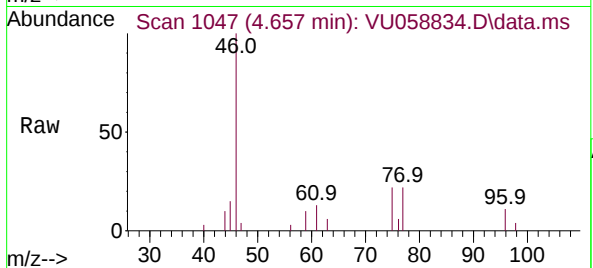
Quant Time: May 07 01:11:39 2024
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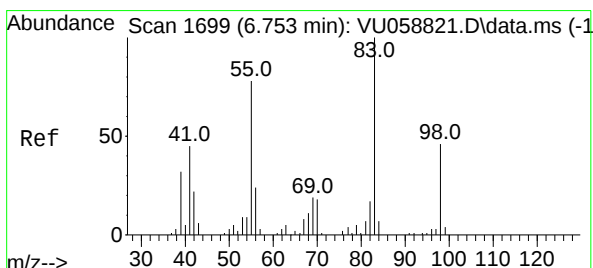
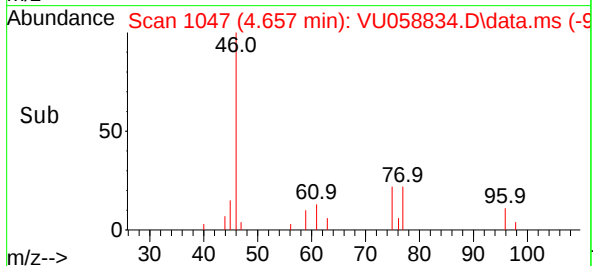
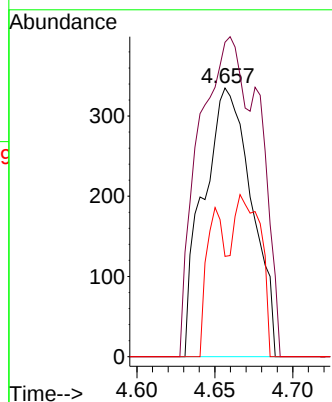


#22
 cis-1,2-Dichloroethene
 Concen: 0.142 ug/L
 RT: 4.657 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU058834.D
 Acq: 06 May 2024 15:35

Instrument :
 MSVOA_U
 ClientSampleId :

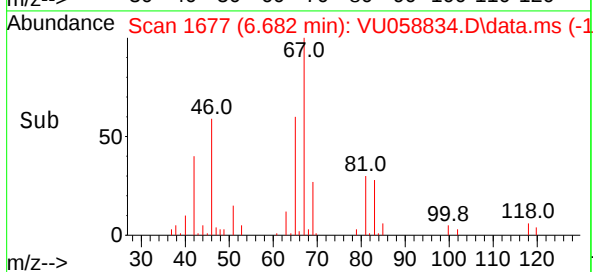
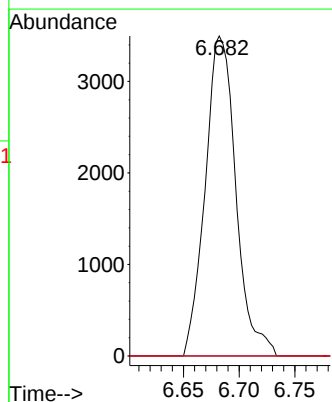
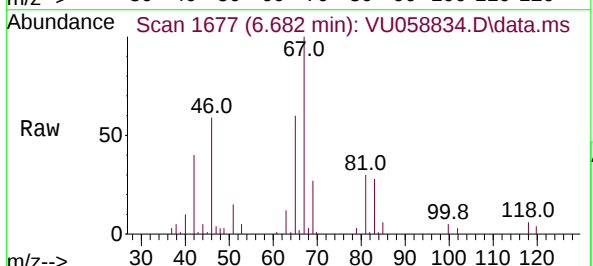


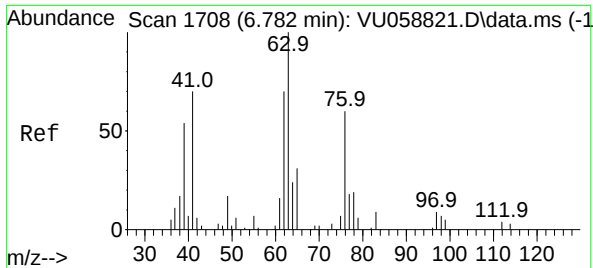
Tgt Ion: 96 Resp: 721
 Ion Ratio Lower Upper
 96 100
 61 117.0 100.4 186.4
 98 37.3 45.1 83.7#



#35
 Methylcyclohexane
 Concen: 0.777 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.071 min
 Lab File: VU058834.D
 Acq: 06 May 2024 15:35

Tgt Ion: 83 Resp: 6701
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 100.0#
 98 1.3 35.4 53.2#

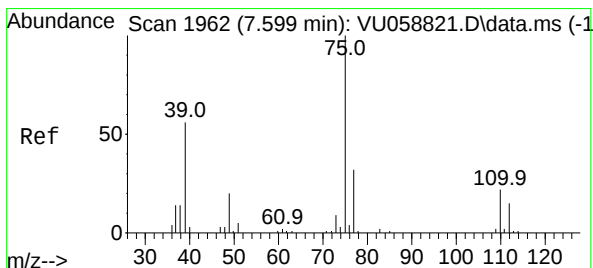
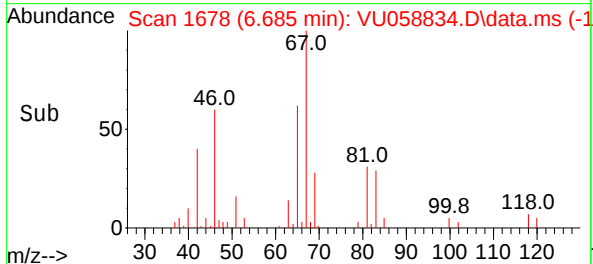
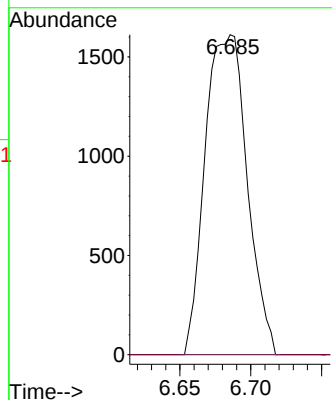
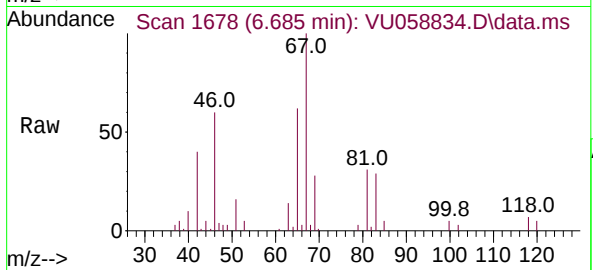




#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058834.D
Acq: 06 May 2024 15:35

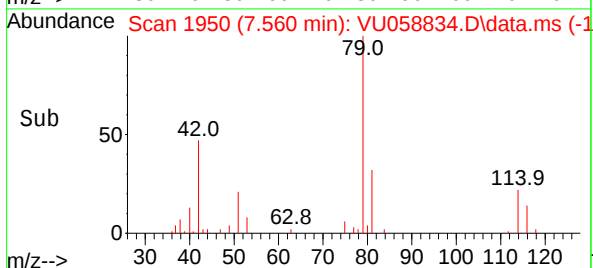
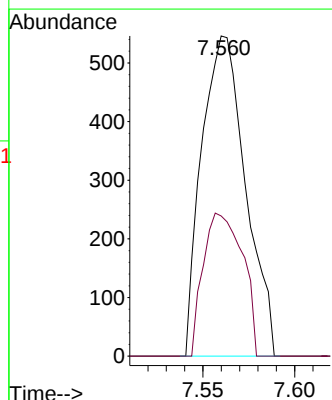
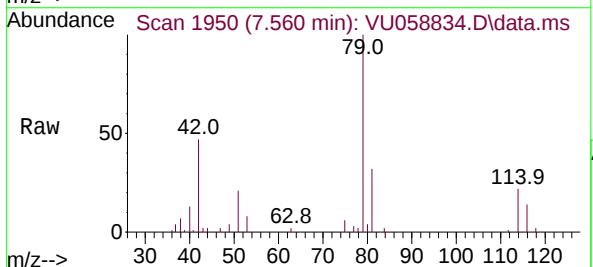
Instrument :
MSVOA_U
ClientSampleId :

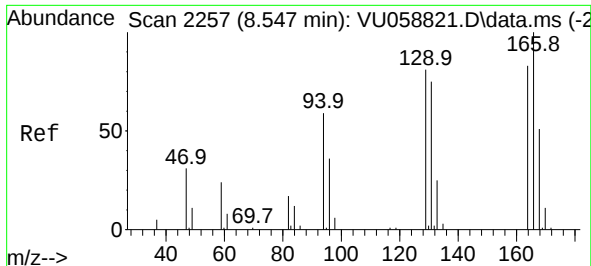
Tgt Ion: 63 Resp: 3329
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.039 min
Lab File: VU058834.D
Acq: 06 May 2024 15:35

Tgt Ion: 75 Resp: 908
Ion Ratio Lower Upper
75 100
77 43.8 21.9 40.7#





#47

Tetrachloroethene

Concen: 3.266 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

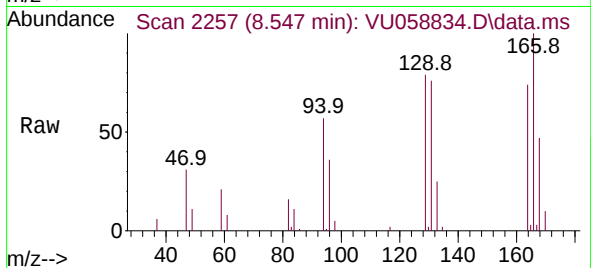
Lab File: VU058834.D

Acq: 06 May 2024 15:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 13013

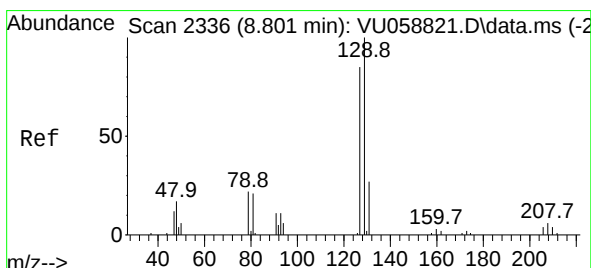
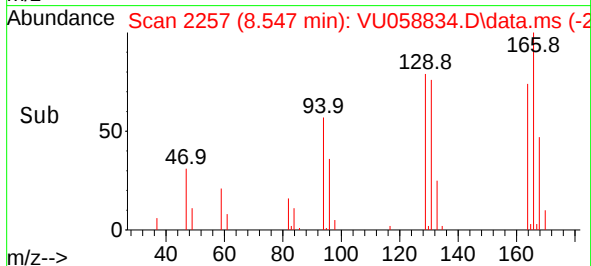
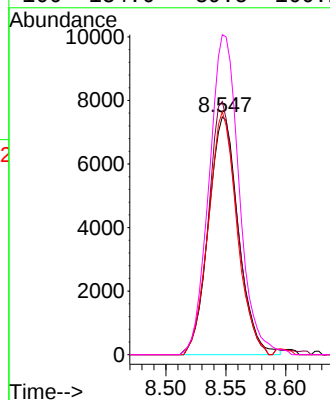
Ion Ratio Lower Upper

164 100

129 106.5 71.5 132.9

131 102.3 65.0 120.6

166 134.6 89.5 166.1



#49

Dibromochloromethane

Concen: 3.598 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058834.D

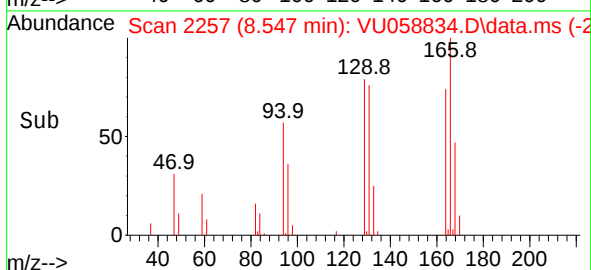
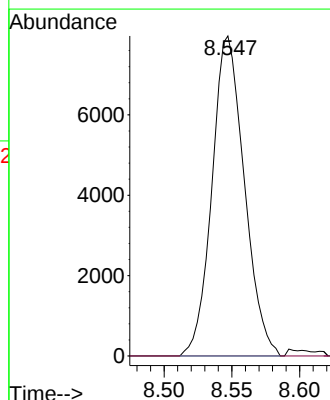
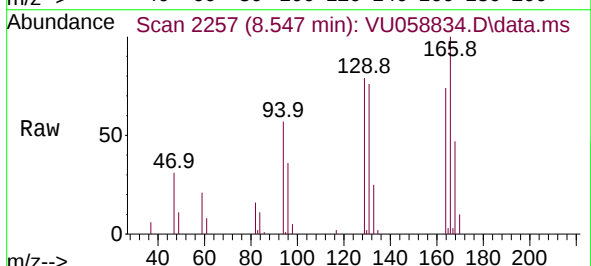
Acq: 06 May 2024 15:35

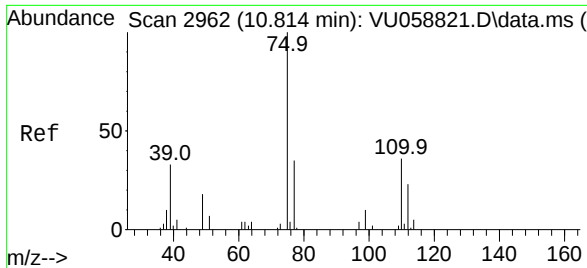
Tgt Ion:129 Resp: 13213

Ion Ratio Lower Upper

129 100

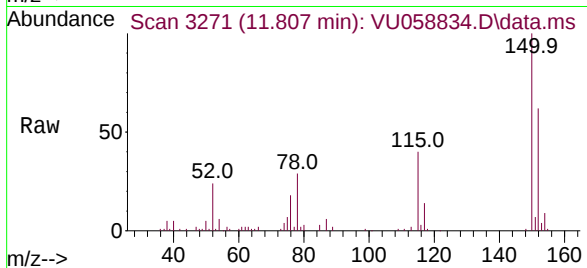
127 0.0 51.0 94.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.280 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU058834.D
 Acq: 06 May 2024 15:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 2950
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 43.0#
 77 35.0 25.4 38.2

