

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058841.D
 Acq On : 07 May 2024 12:55
 Operator : MD/SY
 Sample : P2392-05DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:55:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 04:54:32 2024
 Response via : Initial Calibration

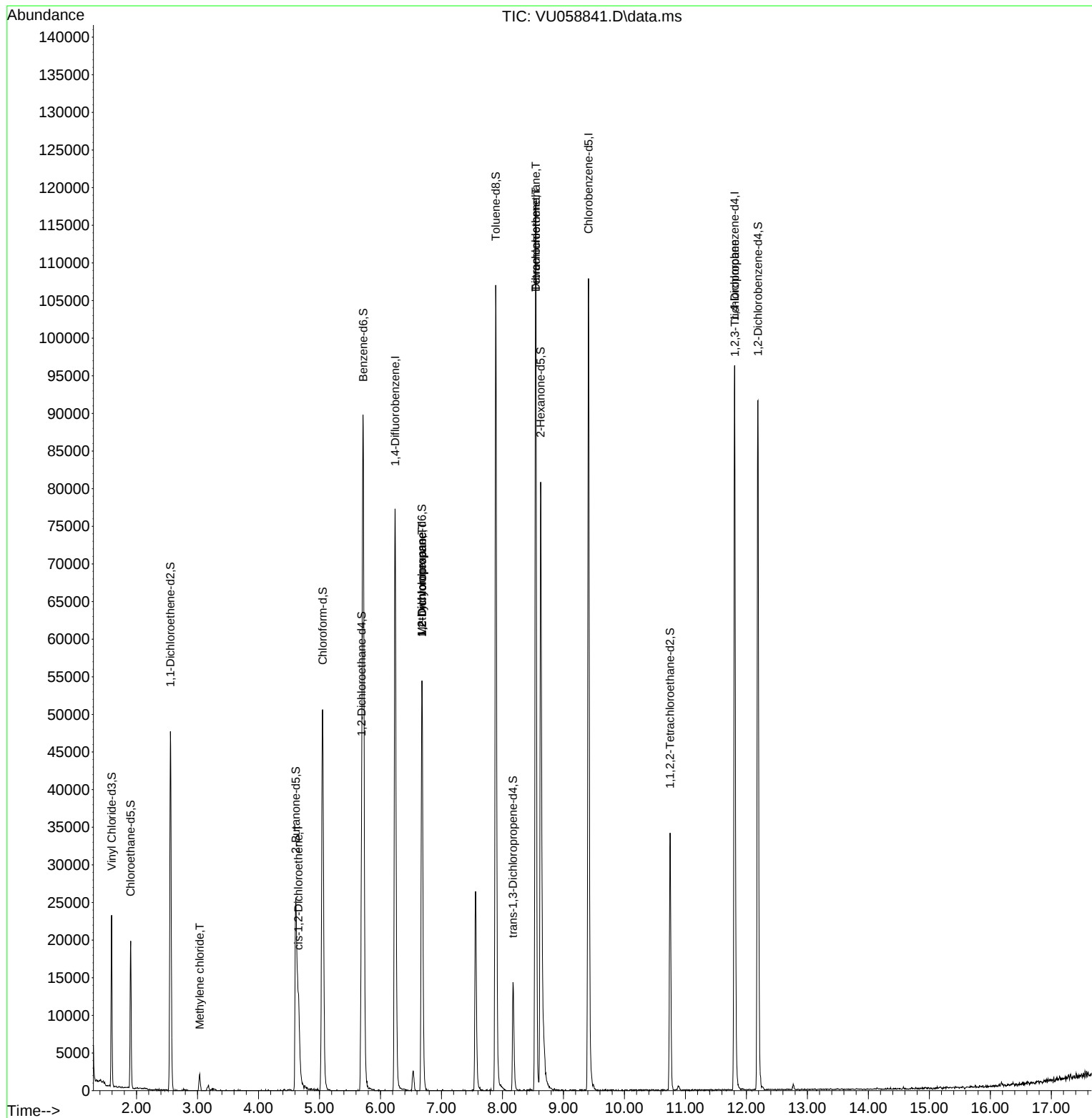
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	61955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14995	3.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.904	69	13138	3.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.557	65	9287	3.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.612	46	37529	43.832	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.660%
24) Chloroform-d	5.052	84	49172	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	25238	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.718	84	81042	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.679	67	23945	4.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	71503	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	9281	4.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	27283	44.925	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16583	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	24628	5.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
16) Methylene chloride	3.036	84	1077	0.222	ug/L	85
22) cis-1,2-Dichloroethene	4.657	96	4206	0.847	ug/L	93
35) Methylcyclohexane	6.679	83	6311	0.744	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3112	0.581	ug/L #	89
47) Tetrachloroethene	8.547	164	25020	6.387	ug/L	96
49) Dibromochloromethane	8.547	129	24442	6.769	ug/L #	13
61) 1,2,3-Trichloropropane	11.811	75	2947	1.196	ug/L #	61

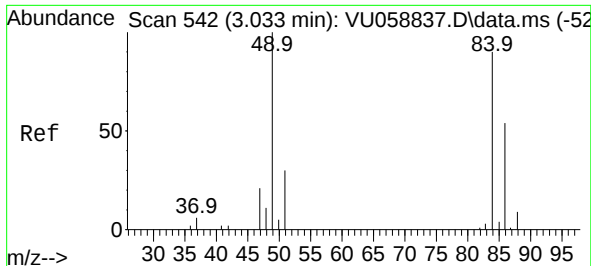
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 08 04:54:32 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.222 ug/L

RT: 3.036 min Scan# 54

Delta R.T. 0.003 min

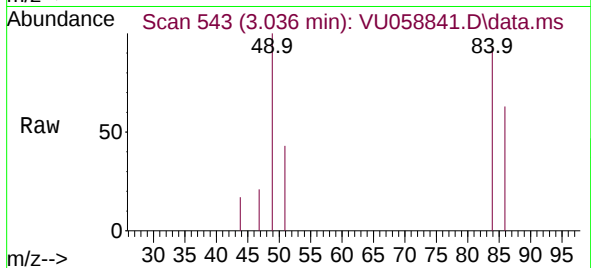
Lab File: VU058841.D

Acq: 07 May 2024 12:55

Instrument :

MSVOA_U

ClientSampleId :



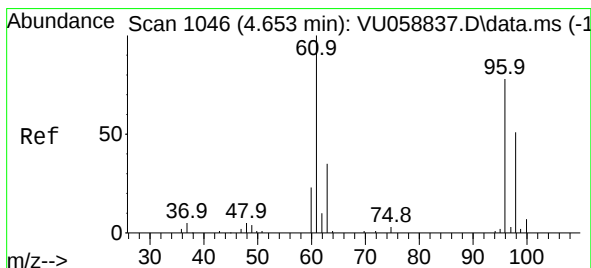
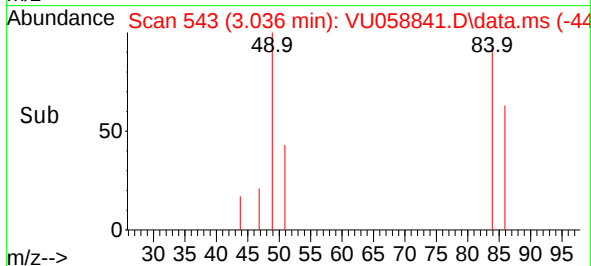
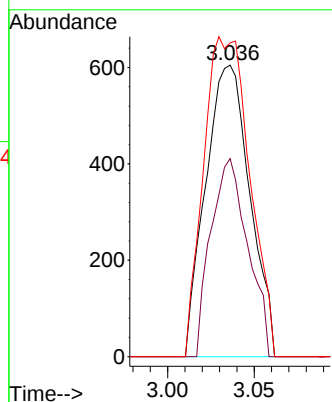
Tgt Ion: 84 Resp: 1077

Ion Ratio Lower Upper

84 100

86 67.9 45.0 83.6

49 107.6 91.6 170.2



#22

cis-1,2-Dichloroethene

Concen: 0.847 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU058841.D

Acq: 07 May 2024 12:55

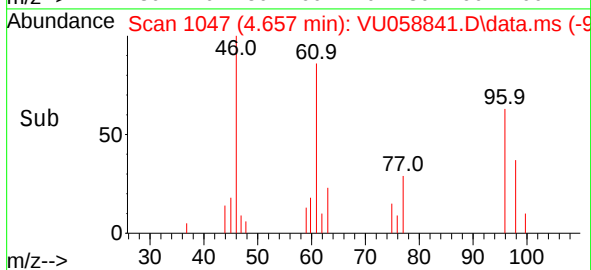
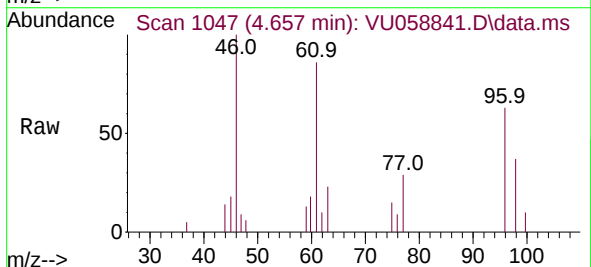
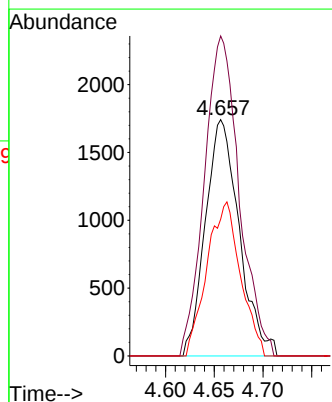
Tgt Ion: 96 Resp: 4206

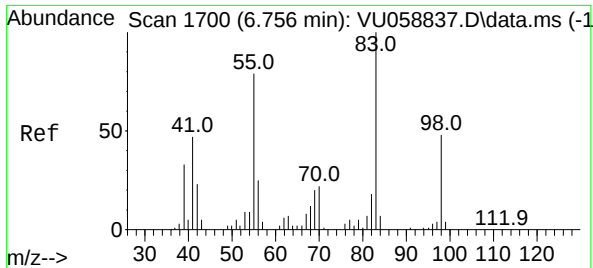
Ion Ratio Lower Upper

96 100

61 135.4 100.4 186.4

98 57.9 45.1 83.7

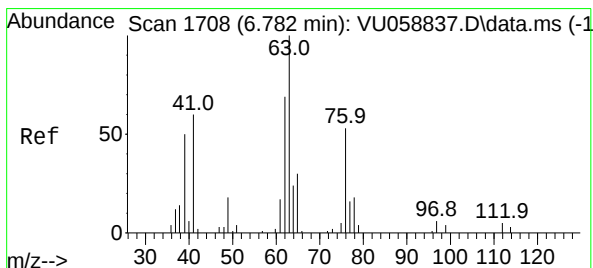
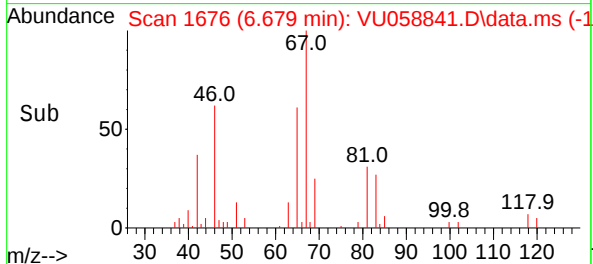
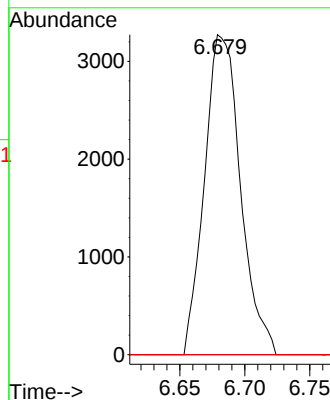
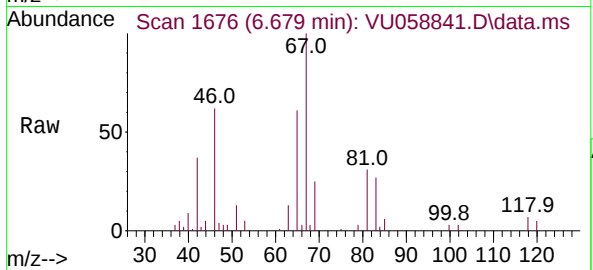




#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU058841.D
Acq: 07 May 2024 12:55

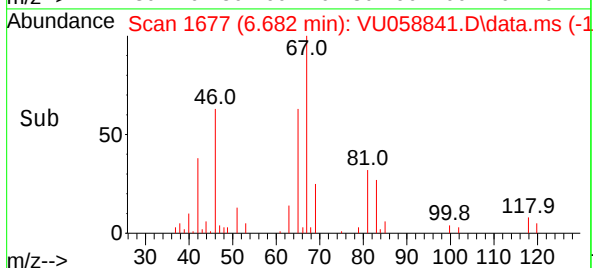
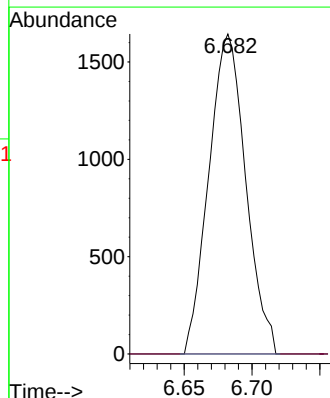
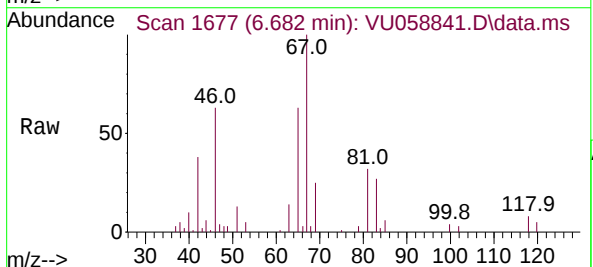
Instrument :
MSVOA_U
ClientSampleId :

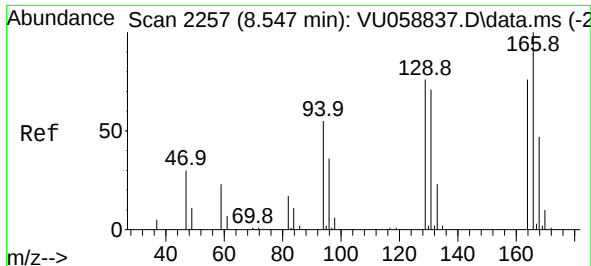
Tgt Ion: 83 Resp: 6311
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.8 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058841.D
Acq: 07 May 2024 12:55

Tgt Ion: 63 Resp: 3112
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 6.387 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

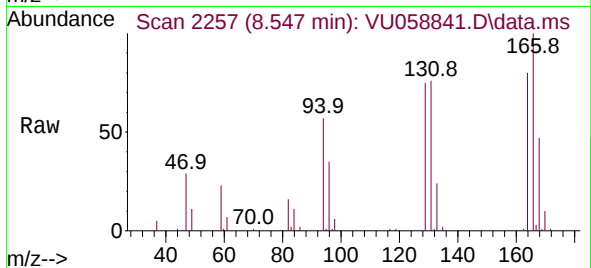
Lab File: VU058841.D

Acq: 07 May 2024 12:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 25020

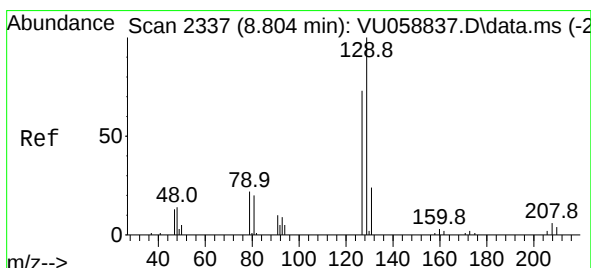
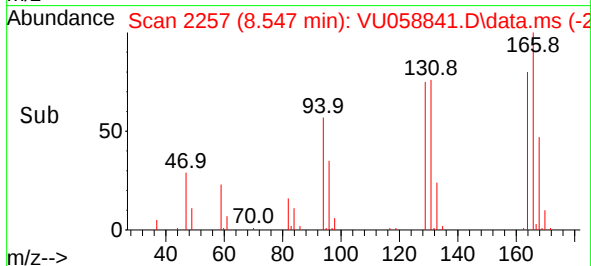
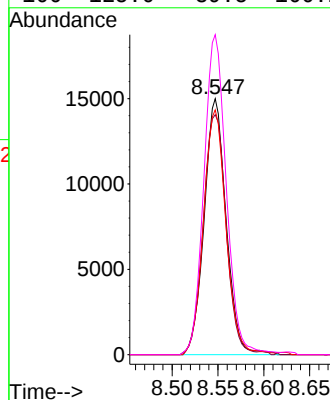
Ion Ratio Lower Upper

164 100

129 93.7 71.5 132.9

131 95.6 65.0 120.6

166 125.0 89.5 166.1



#49

Dibromochloromethane

Concen: 6.769 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058841.D

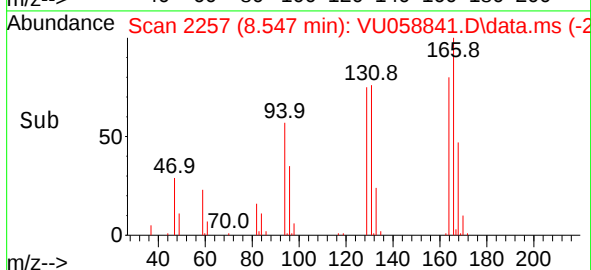
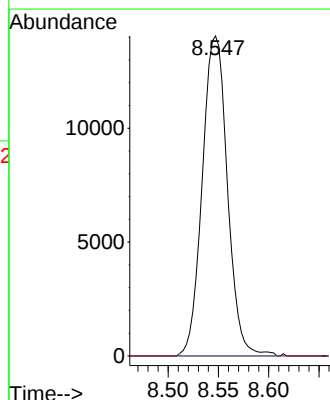
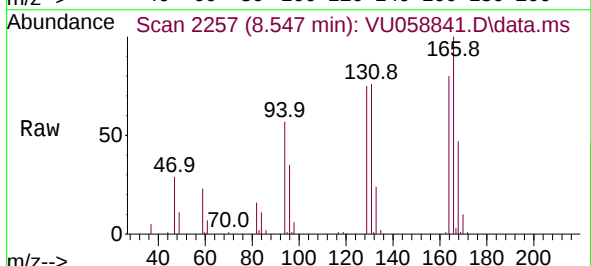
Acq: 07 May 2024 12:55

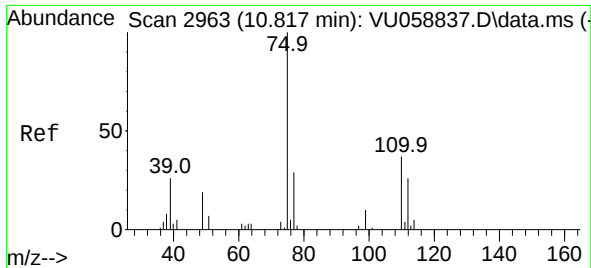
Tgt Ion:129 Resp: 24442

Ion Ratio Lower Upper

129 100

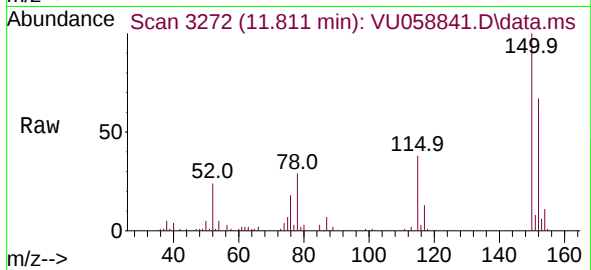
127 0.0 51.0 94.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.196 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058841.D
 Acq: 07 May 2024 12:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	2947
Ion Ratio	Lower	Upper
75	100	
110	0.0	28.6 43.0#
77	39.6	25.4 38.2#

