

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058847.D
 Acq On : 07 May 2024 17:25
 Operator : MD/SY
 Sample : P2392-05DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:11:54 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

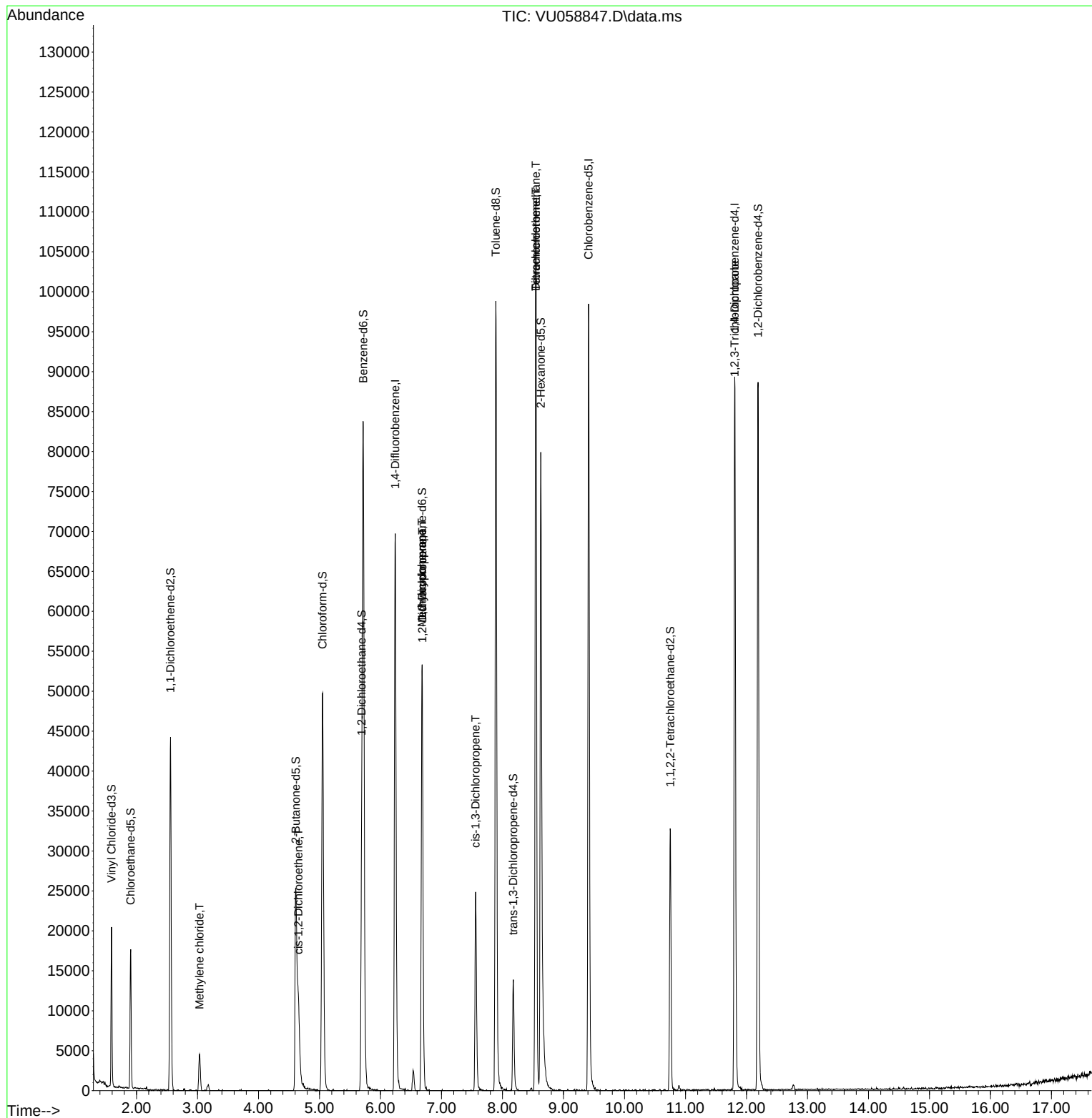
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	55950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13605	3.091	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.904	69	11753	3.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.557	65	8666	3.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.611	46	37408	48.380	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.760%
24) Chloroform-d	5.049	84	46514	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.692	65	24925	5.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.718	84	76312	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	22671	4.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.891	98	66696	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	8800	4.662	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.627	63	27954	49.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	15407	4.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	23604	5.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	2241	0.511	ug/L	86
22) cis-1,2-Dichloroethene	4.656	96	3991	0.890	ug/L	92
35) Methylcyclohexane	6.679	83	5592	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3020	0.612	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	957	0.140	ug/L #	69
47) Tetrachloroethene	8.547	164	23756	6.584	ug/L	97
49) Dibromochloromethane	8.547	129	23355	7.022	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	2664	1.149	ug/L #	63

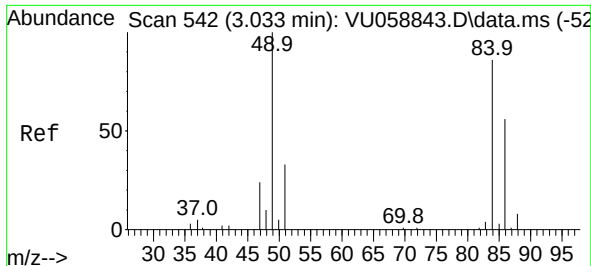
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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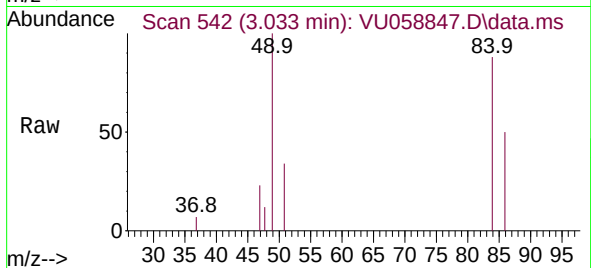
Quant Time: May 08 05:11:54 2024
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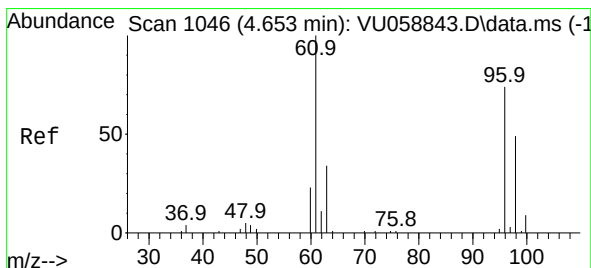
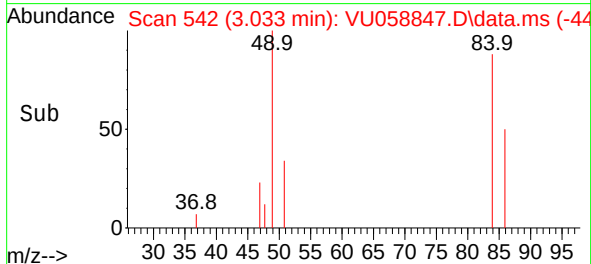
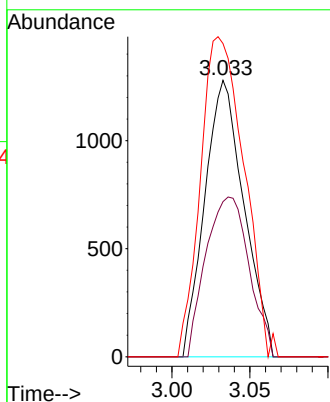


#16
Methylene chloride
Concen: 0.511 ug/L
RT: 3.033 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU058847.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :

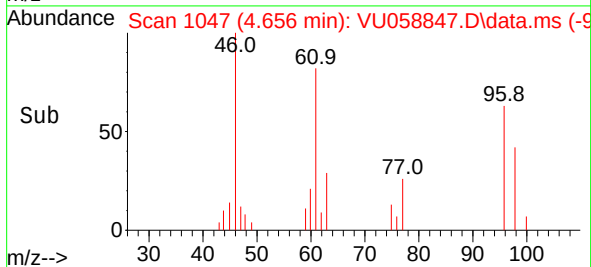
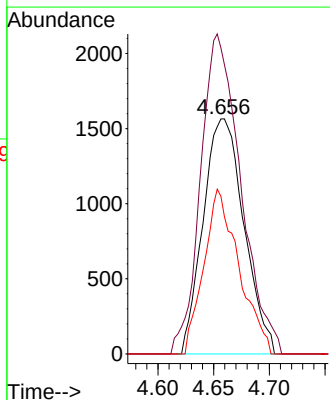
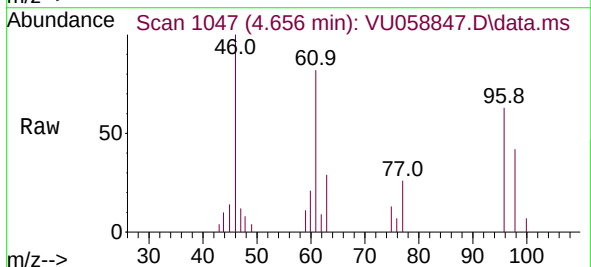


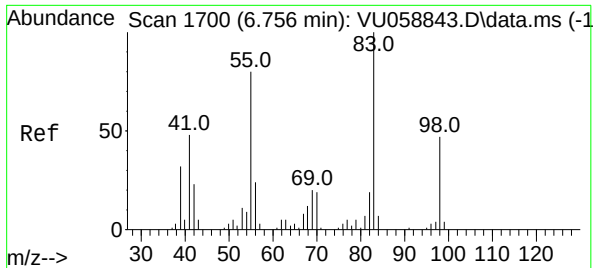
Tgt Ion: 84 Resp: 2241
Ion Ratio Lower Upper
84 100
86 56.1 45.0 83.6
49 113.3 91.6 170.2



#22
cis-1,2-Dichloroethene
Concen: 0.890 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058847.D
Acq: 07 May 2024 17:25

Tgt Ion: 96 Resp: 3991
Ion Ratio Lower Upper
96 100
61 130.1 100.4 186.4
98 67.0 45.1 83.7





#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU058847.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_U

ClientSampleId :

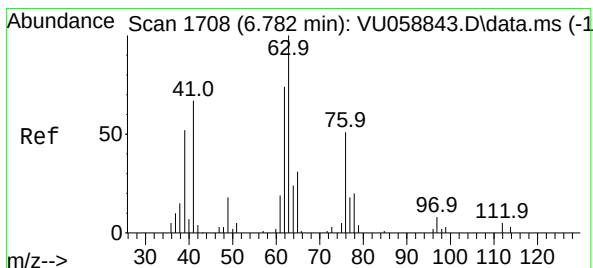
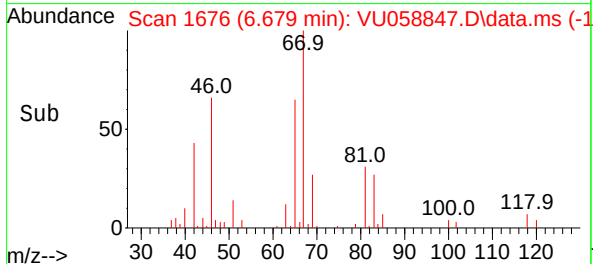
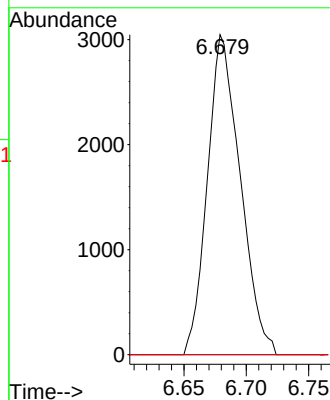
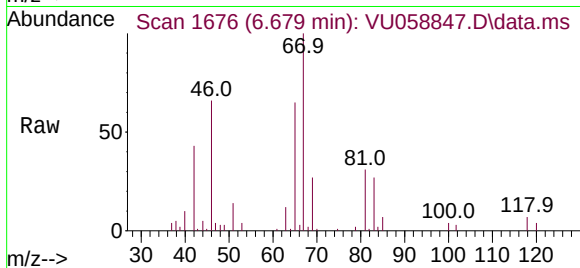
Tgt Ion: 83 Resp: 5592

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: 0.612 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU058847.D

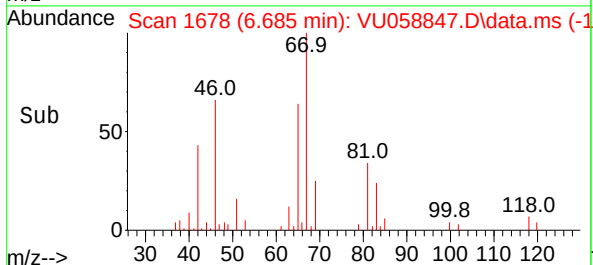
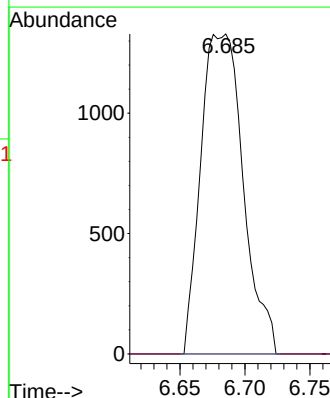
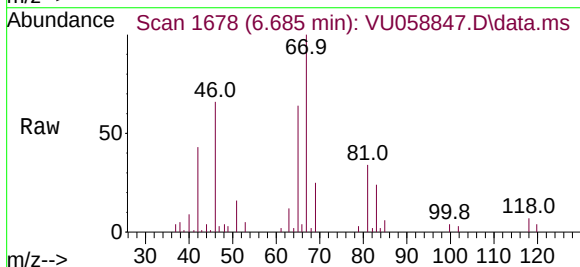
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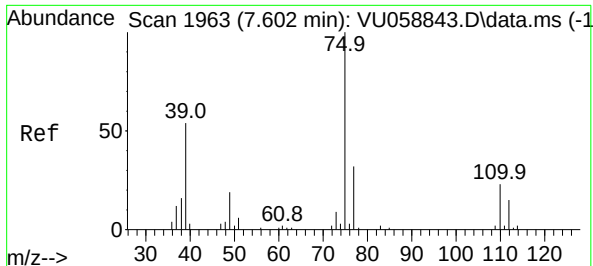
Tgt Ion: 63 Resp: 3020

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.140 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU058847.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_U

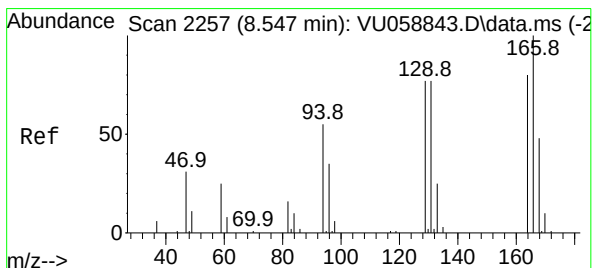
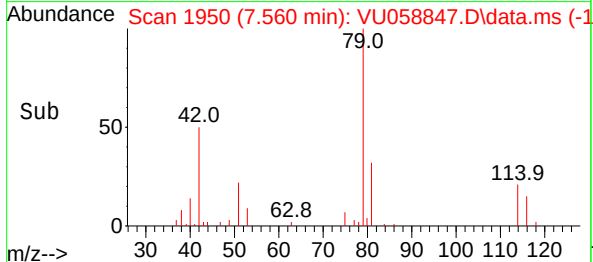
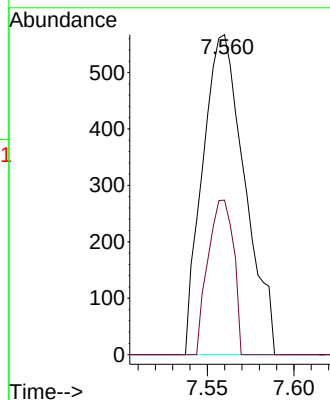
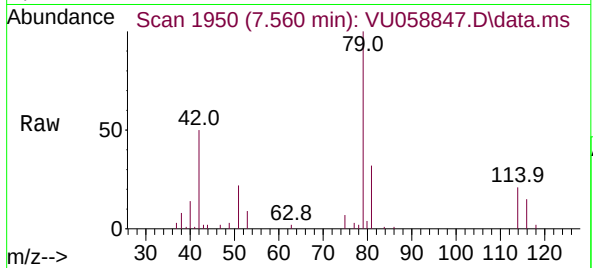
ClientSampleId :

Tgt Ion: 75 Resp: 957

Ion Ratio Lower Upper

75 100

77 48.3 21.9 40.7#



#47

Tetrachloroethene

Concen: 6.584 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058847.D

Acq: 07 May 2024 17:25

Tgt Ion:164 Resp: 23756

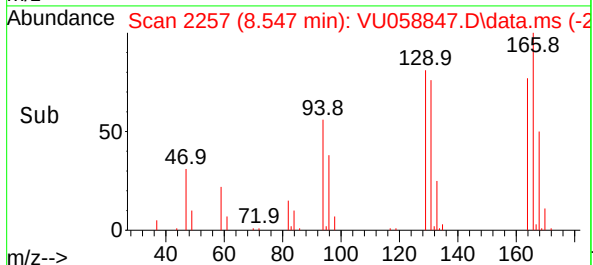
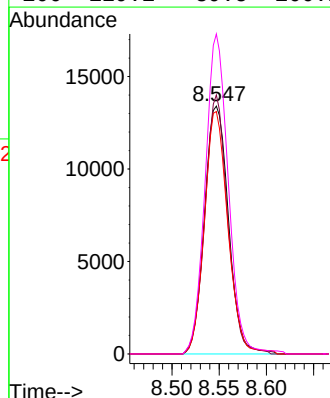
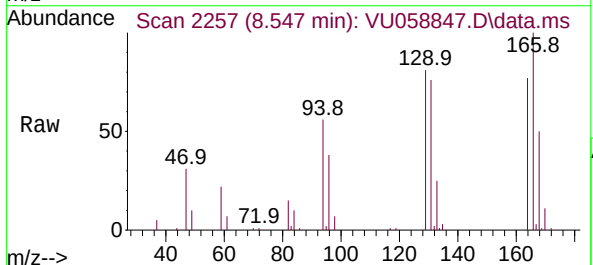
Ion Ratio Lower Upper

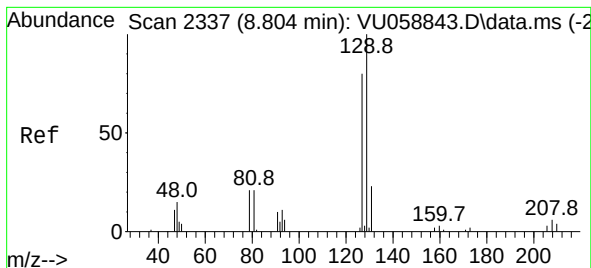
164 100

129 104.5 71.5 132.9

131 97.8 65.0 120.6

166 129.1 89.5 166.1





#49

Dibromochloromethane

Concen: 7.022 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058847.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_U

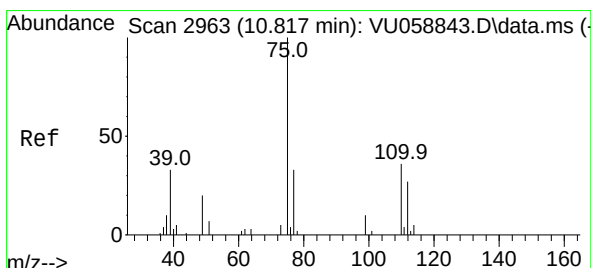
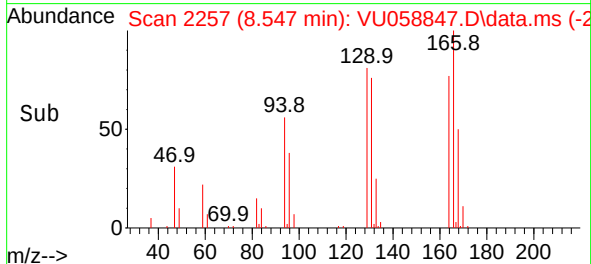
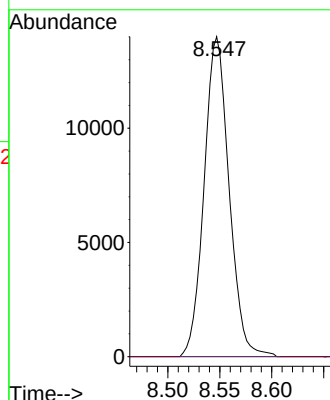
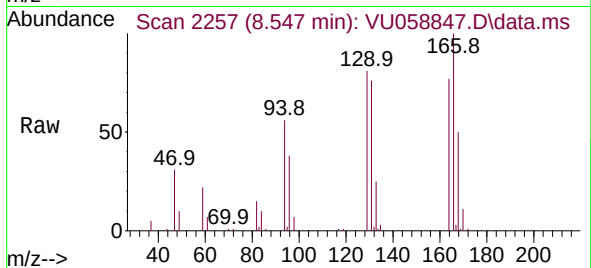
ClientSampleId :

Tgt Ion:129 Resp: 23355

Ion Ratio Lower Upper

129 100

127 0.0 51.0 94.8#



#61

1,2,3-Trichloropropane

Concen: 1.149 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058847.D

Acq: 07 May 2024 17:25

Tgt Ion: 75 Resp: 2664

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 37.5 25.4 38.2

