

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058840.D
 Acq On : 07 May 2024 12:31
 Operator : MD/SY
 Sample : P2392-04DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:55:37 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)

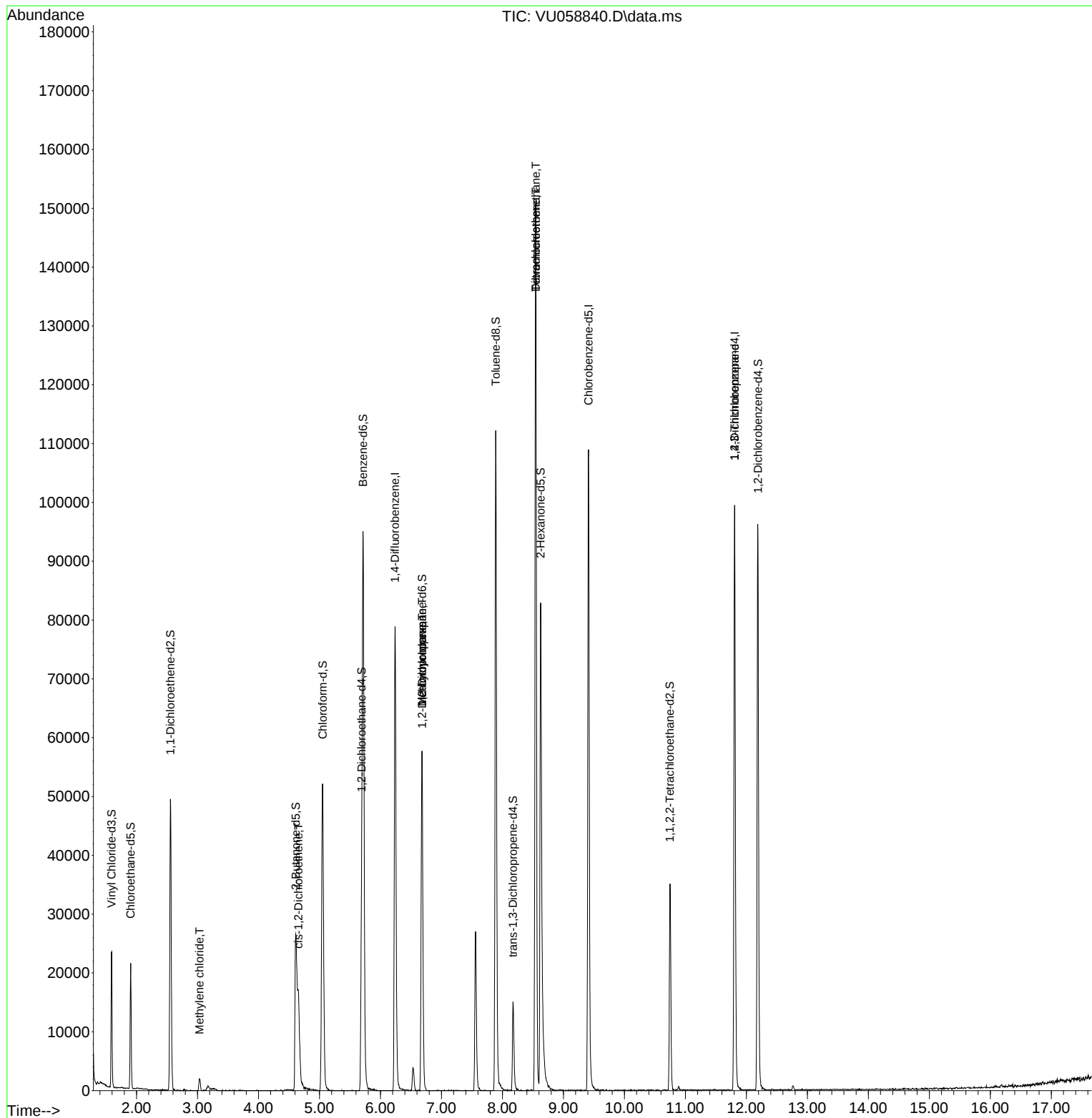
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	62718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	15897	3.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.904	69	13419	3.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.557	65	9868	3.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.611	46	41163	47.491	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	5.052	84	49901	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.692	65	26088	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.714	84	86519	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	25117	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	75189	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.174	79	10003	4.744	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	28778	46.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	16857	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	25639	5.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	1081	0.220	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	6453	1.284	ug/L	89
35) Methylcyclohexane	6.682	83	6575	0.753	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3351	0.608	ug/L #	89
47) Tetrachloroethene	8.547	164	32755	8.127	ug/L	96
49) Dibromochloromethane	8.547	129	31474	8.472	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3140	1.260	ug/L #	67

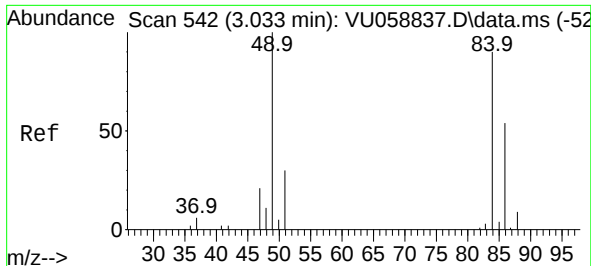
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#16

Methylene chloride

Concen: 0.220 ug/L

RT: 3.033 min Scan# 54

Delta R.T. -0.000 min

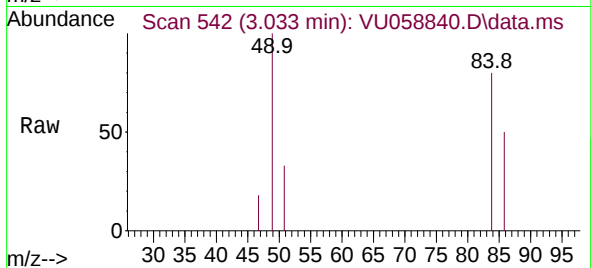
Lab File: VU058840.D

Acq: 07 May 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :



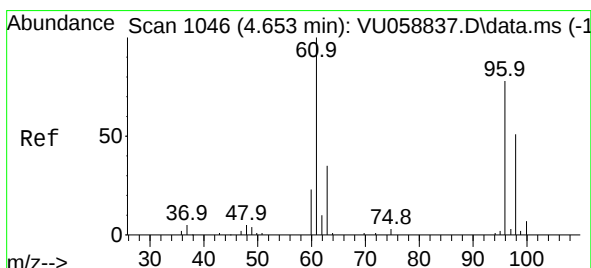
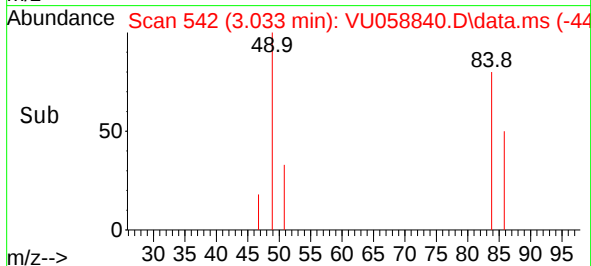
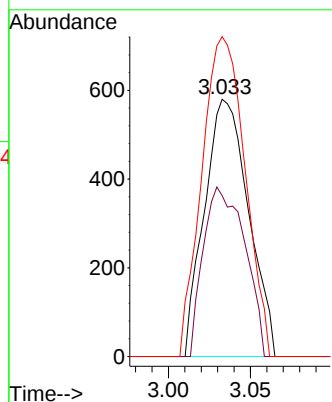
Tgt Ion: 84 Resp: 1081

Ion Ratio Lower Upper

84 100

86 62.6 45.0 83.6

49 124.3 91.6 170.2



#22

cis-1,2-Dichloroethene

Concen: 1.284 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU058840.D

Acq: 07 May 2024 12:31

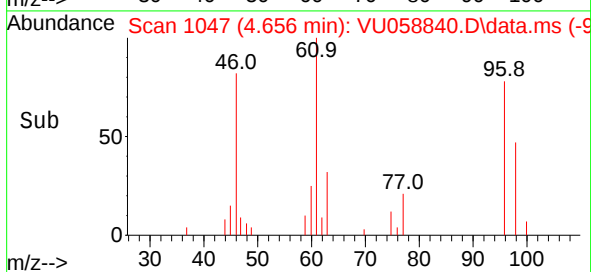
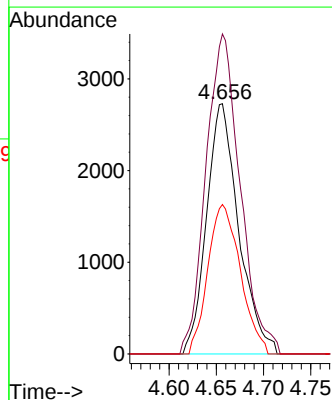
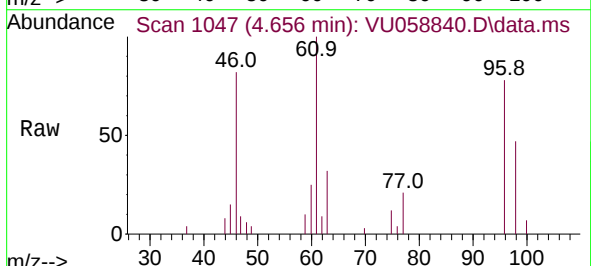
Tgt Ion: 96 Resp: 6453

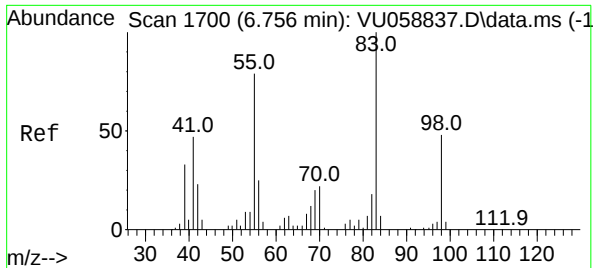
Ion Ratio Lower Upper

96 100

61 127.9 100.4 186.4

98 59.7 45.1 83.7





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058840.D

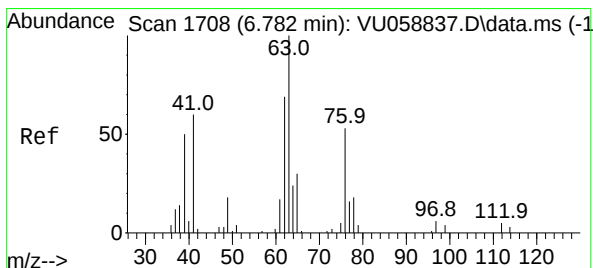
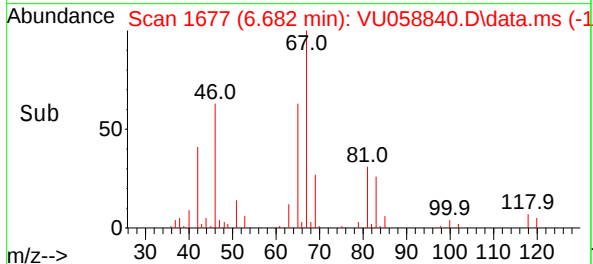
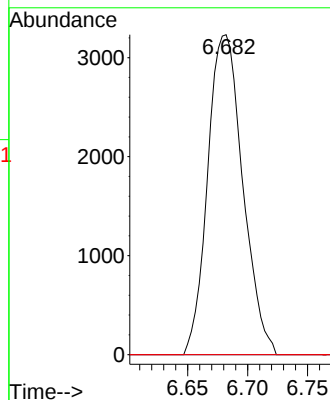
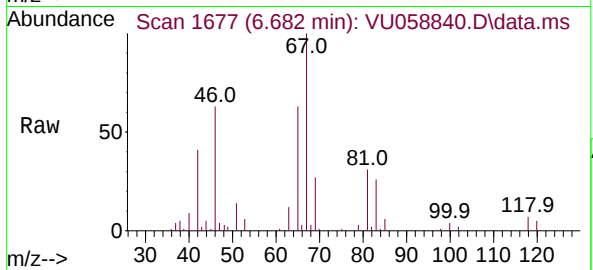
Acq: 07 May 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6575
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: 0.608 ug/L

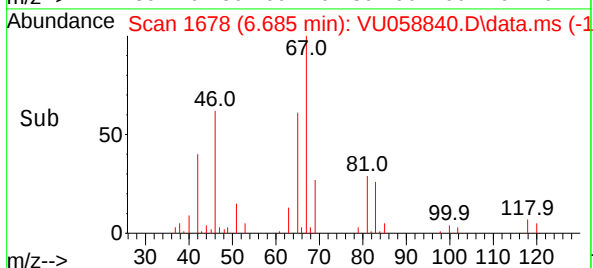
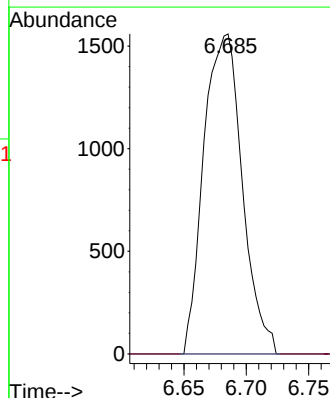
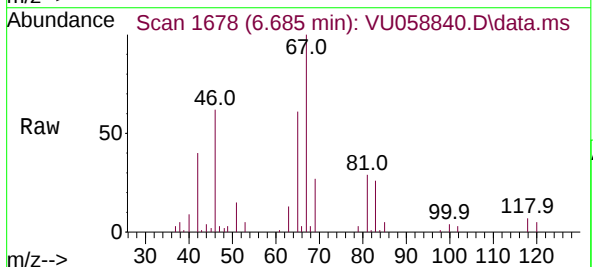
RT: 6.685 min Scan# 1678

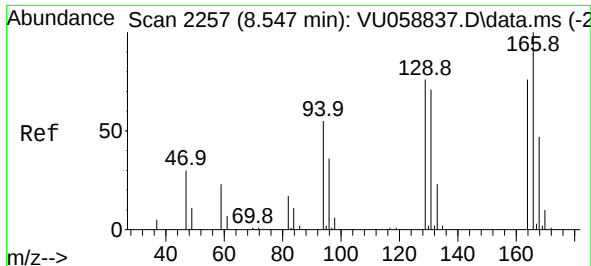
Delta R.T. -0.097 min

Lab File: VU058840.D

Acq: 07 May 2024 12:31

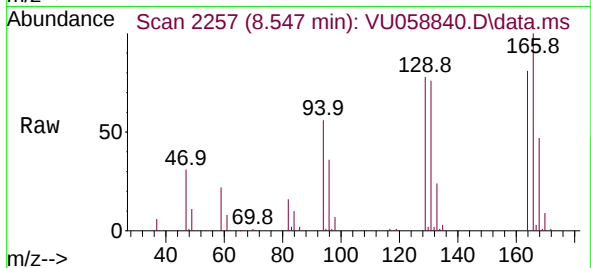
Tgt Ion: 63	Resp: 3351
Ion Ratio	Lower Upper
63	100
112	0.0 2.8 4.2#



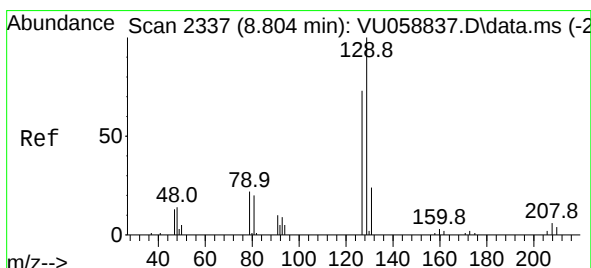
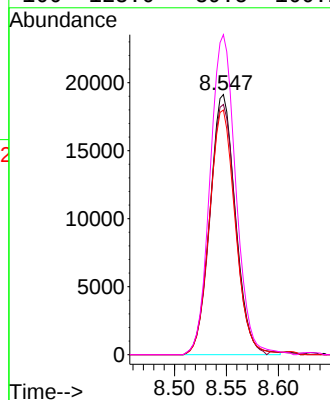
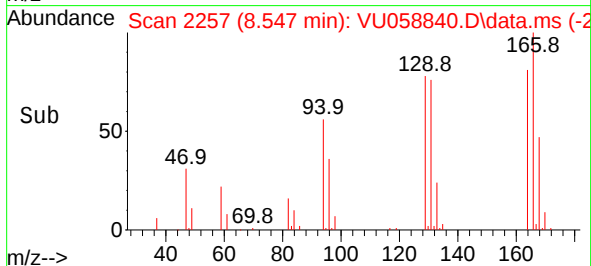


#47
Tetrachloroethene
Concen: 8.127 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058840.D
Acq: 07 May 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :

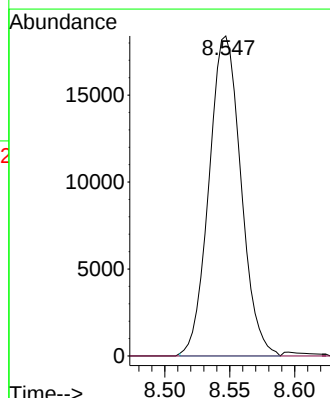
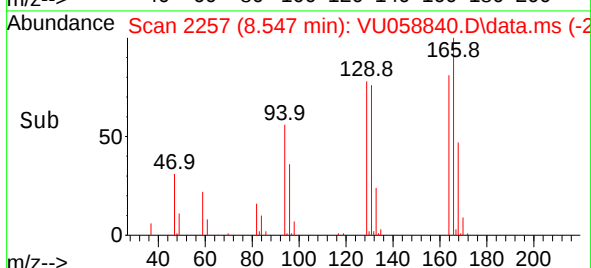
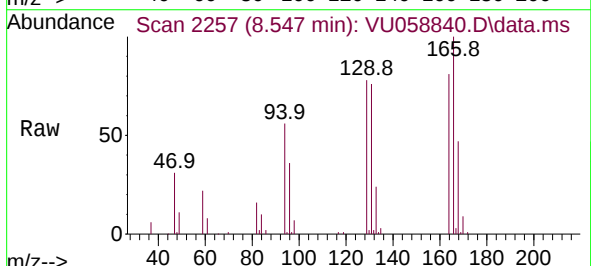


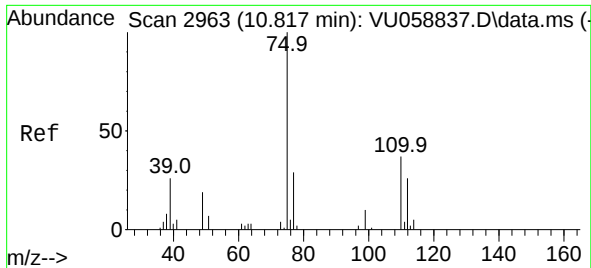
Tgt Ion:164 Resp: 32755
Ion Ratio Lower Upper
164 100
129 96.2 71.5 132.9
131 94.0 65.0 120.6
166 123.0 89.5 166.1



#49
Dibromochloromethane
Concen: 8.472 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058840.D
Acq: 07 May 2024 12:31

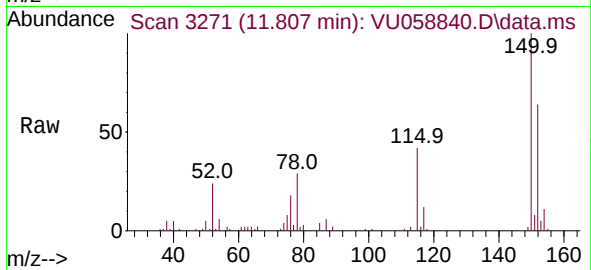
Tgt Ion:129 Resp: 31474
Ion Ratio Lower Upper
129 100
127 0.0 51.0 94.8#





#61
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058840.D
Acq: 07 May 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3140
Ion Ratio Lower Upper
75 100
110 0.0 28.6 43.0#
77 30.8 25.4 38.2

