

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058307.D
 Acq On : 01 Apr 2024 12:45
 Operator : MD/SY
 Sample : P1912-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:26:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

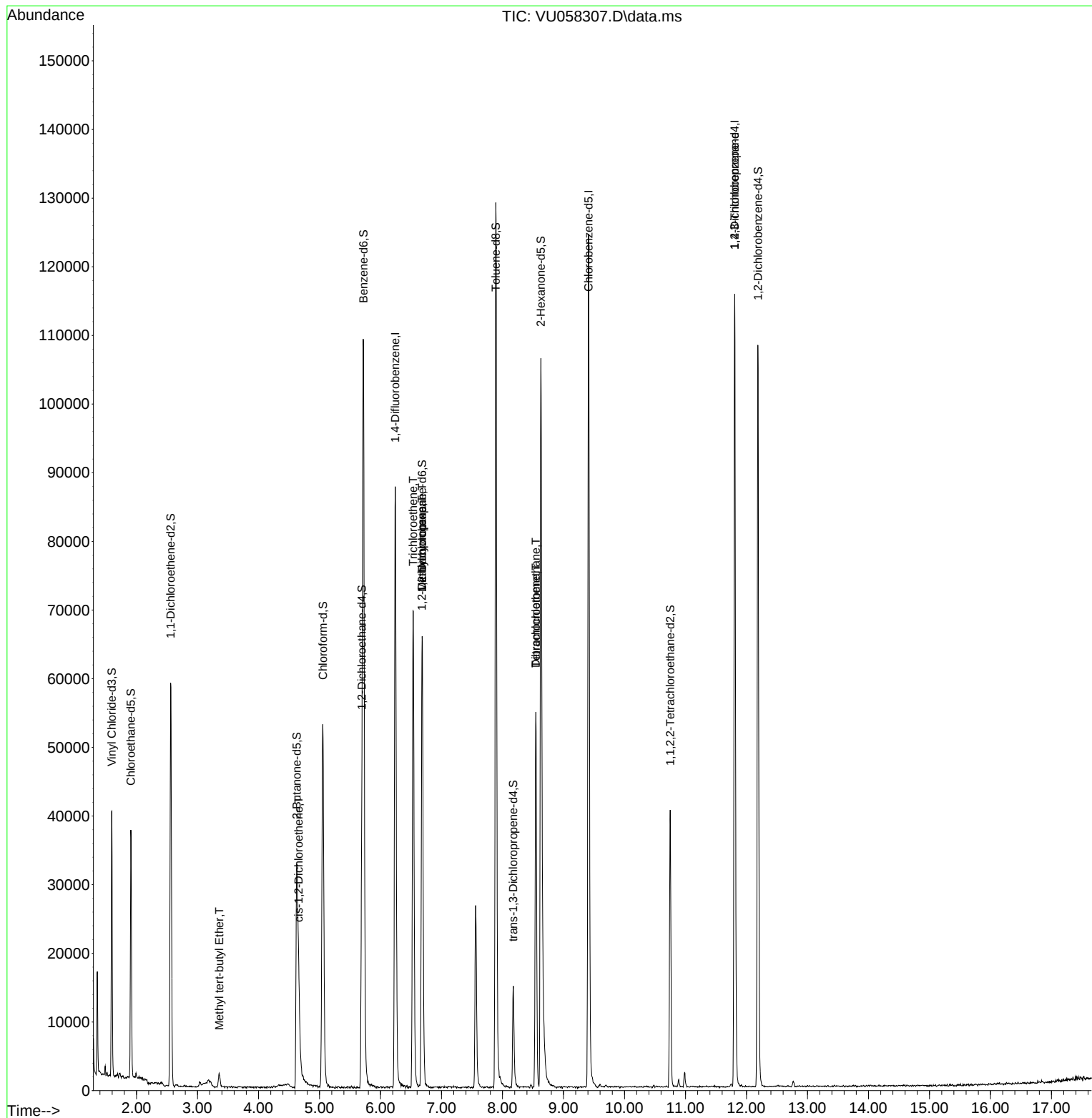
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	71992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27331	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.907	69	24673	4.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.560	65	11564	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.627	46	53956	49.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.840%
24) Chloroform-d	5.055	84	50979	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.695	65	24929	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	105102	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	32565	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	88056	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	9350	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	39536	45.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20556	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27343	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.357	73	2357	0.243	ug/L #	87
22) cis-1,2-Dichloroethene	4.660	96	3736	0.802	ug/L	99
34) Trichloroethene	6.534	95	24702	5.199	ug/L	97
35) Methylcyclohexane	6.682	83	7303	1.102	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	3418	0.671	ug/L #	90
47) Tetrachloroethene	8.547	164	11508	3.616	ug/L	97
49) Dibromochloromethane	8.547	129	11884	3.385	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4132	1.593	ug/L #	66

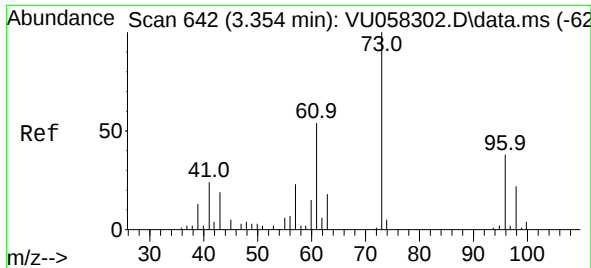
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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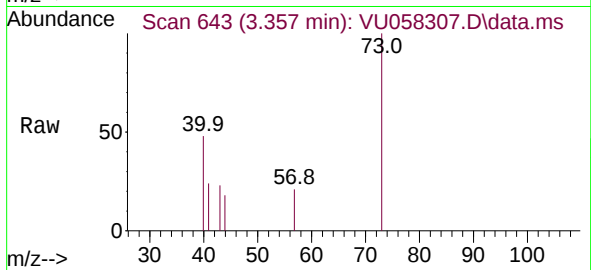
Quant Time: Apr 02 02:26:24 2024
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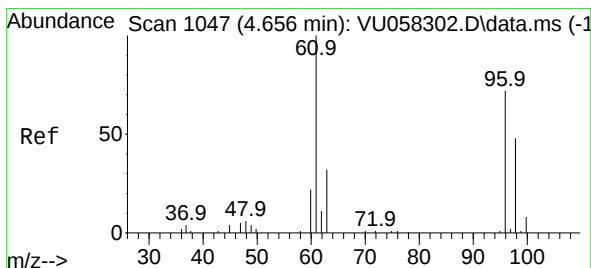
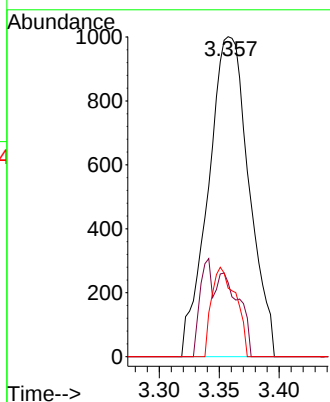
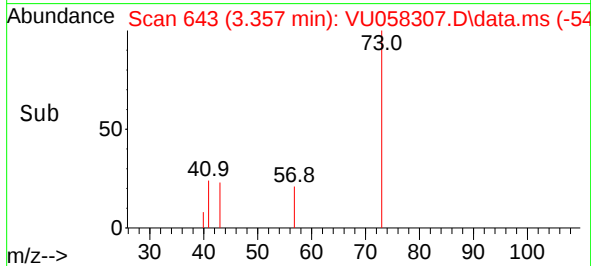


#17
Methyl tert-butyl Ether
Concen: 0.243 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

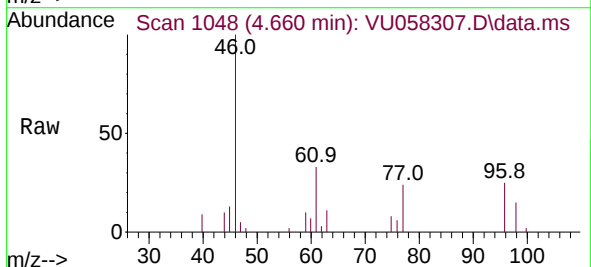
Instrument :
MSVOA_U
ClientSampleId :



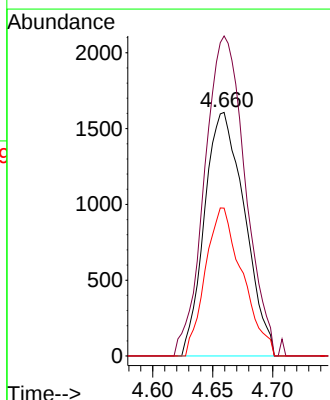
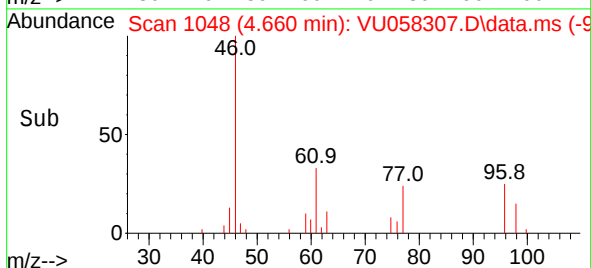
Tgt Ion: 73 Resp: 2357
Ion Ratio Lower Upper
73 100
43 13.0 15.5 23.3#
57 16.5 18.0 27.0#

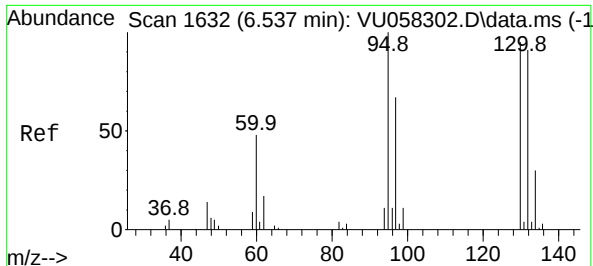


#22
cis-1,2-Dichloroethene
Concen: 0.802 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45



Tgt Ion: 96 Resp: 3736
Ion Ratio Lower Upper
96 100
61 131.4 92.8 172.4
98 60.7 43.2 80.2





#34

Trichloroethene

Concen: 5.199 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058307.D

Acq: 01 Apr 2024 12:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 24702

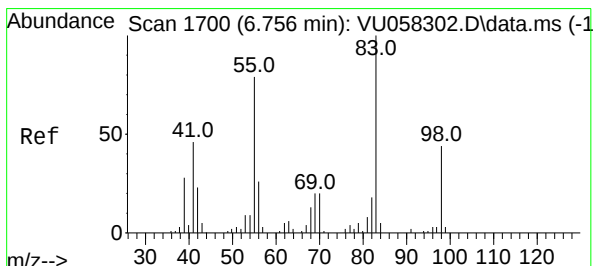
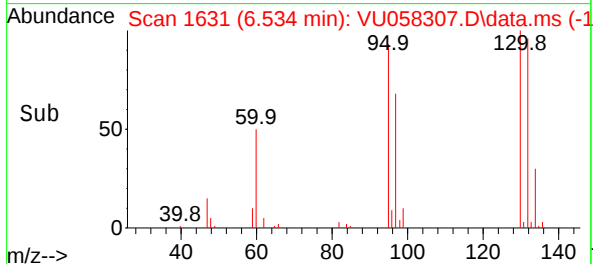
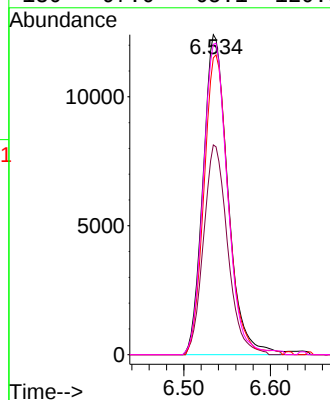
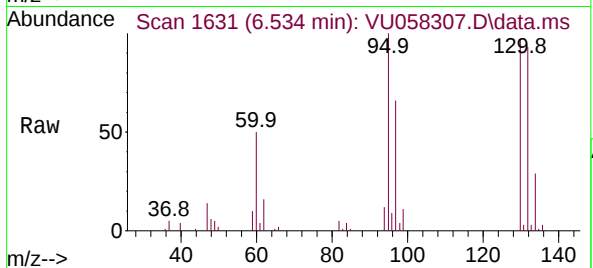
Ion Ratio Lower Upper

95 100

97 65.5 47.7 88.7

132 92.7 63.6 118.2

130 97.0 65.1 120.9



#35

Methylcyclohexane

Concen: 1.102 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058307.D

Acq: 01 Apr 2024 12:45

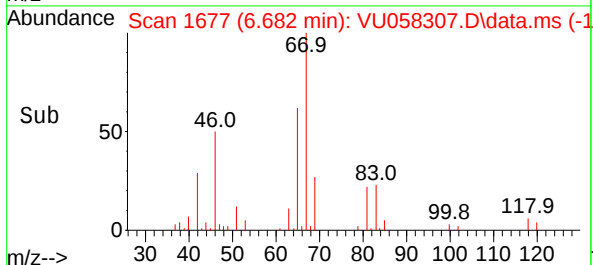
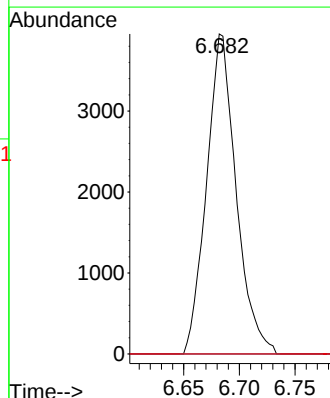
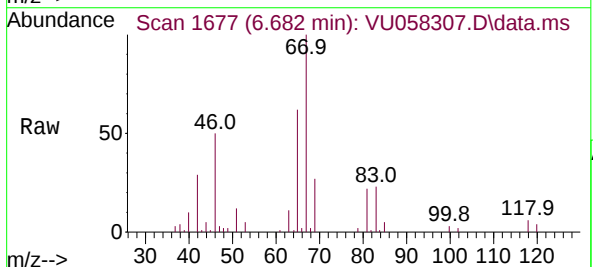
Tgt Ion: 83 Resp: 7303

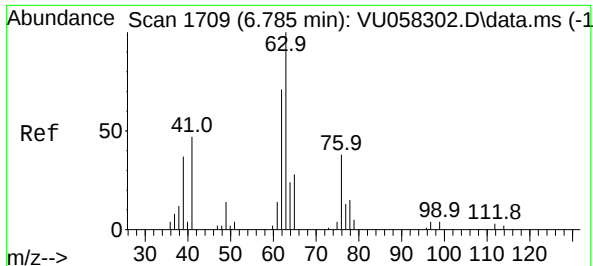
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#

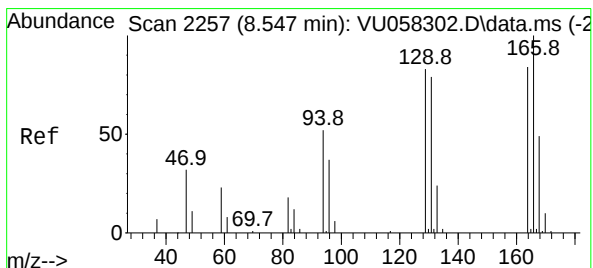
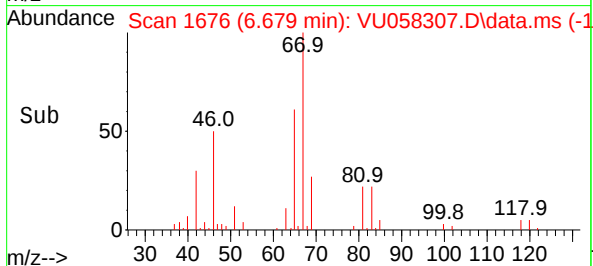
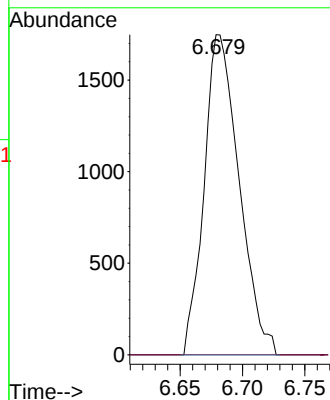
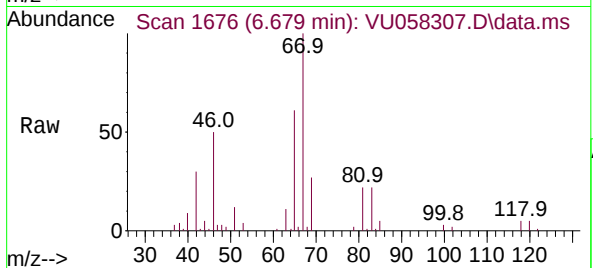




#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

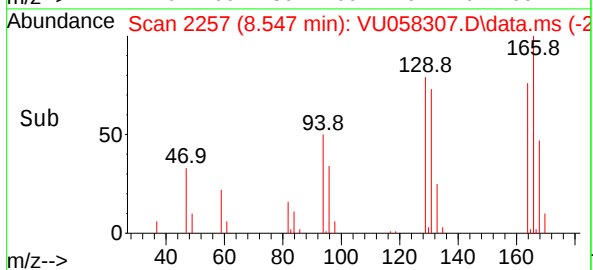
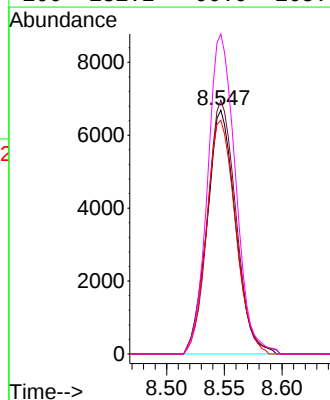
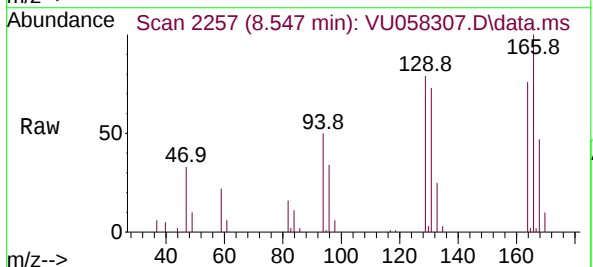
Instrument :
MSVOA_U
ClientSampleId :

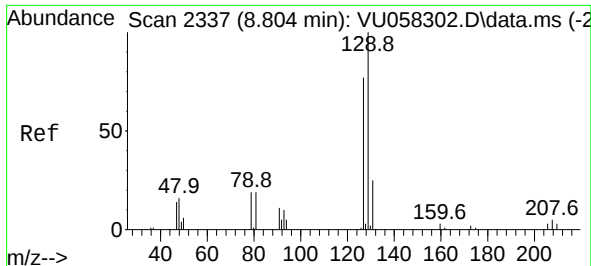
Tgt Ion: 63 Resp: 3418
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 3.616 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

Tgt Ion:164 Resp: 11508
Ion Ratio Lower Upper
164 100
129 104.0 71.3 132.3
131 95.9 70.8 131.4
166 131.2 90.9 168.9





#49

Dibromochloromethane

Concen: 3.385 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058307.D

Acq: 01 Apr 2024 12:45

Instrument :

MSVOA_U

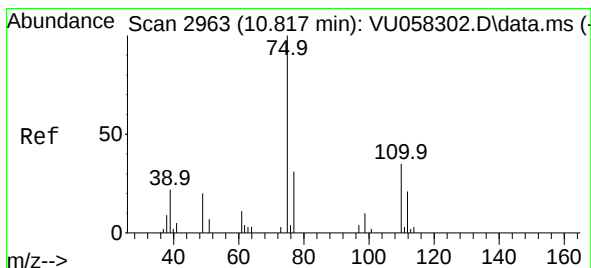
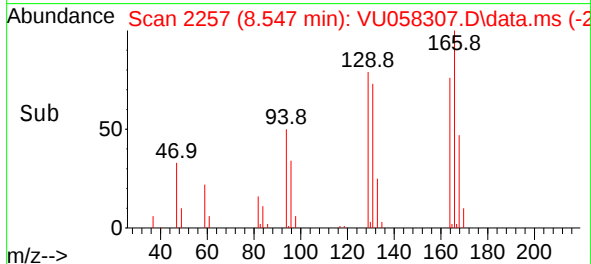
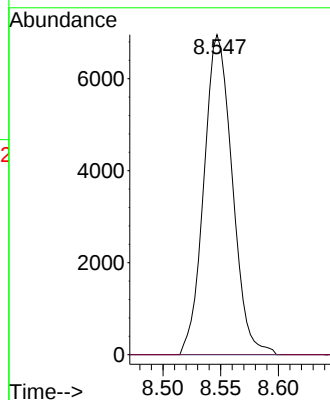
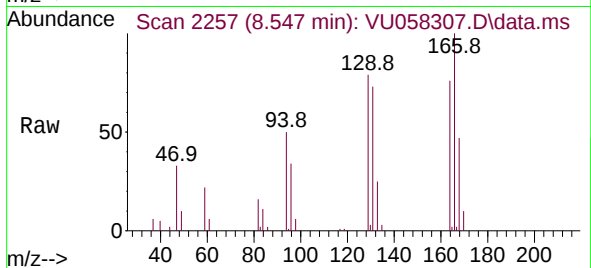
ClientSampleId :

Tgt Ion:129 Resp: 11884

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.593 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058307.D

Acq: 01 Apr 2024 12:45

Tgt Ion: 75 Resp: 4132

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 28.7 25.1 37.7

