

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056957.D
 Acq On : 17 Dec 2023 05:30
 Operator : MD/SY
 Sample : 05811-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

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

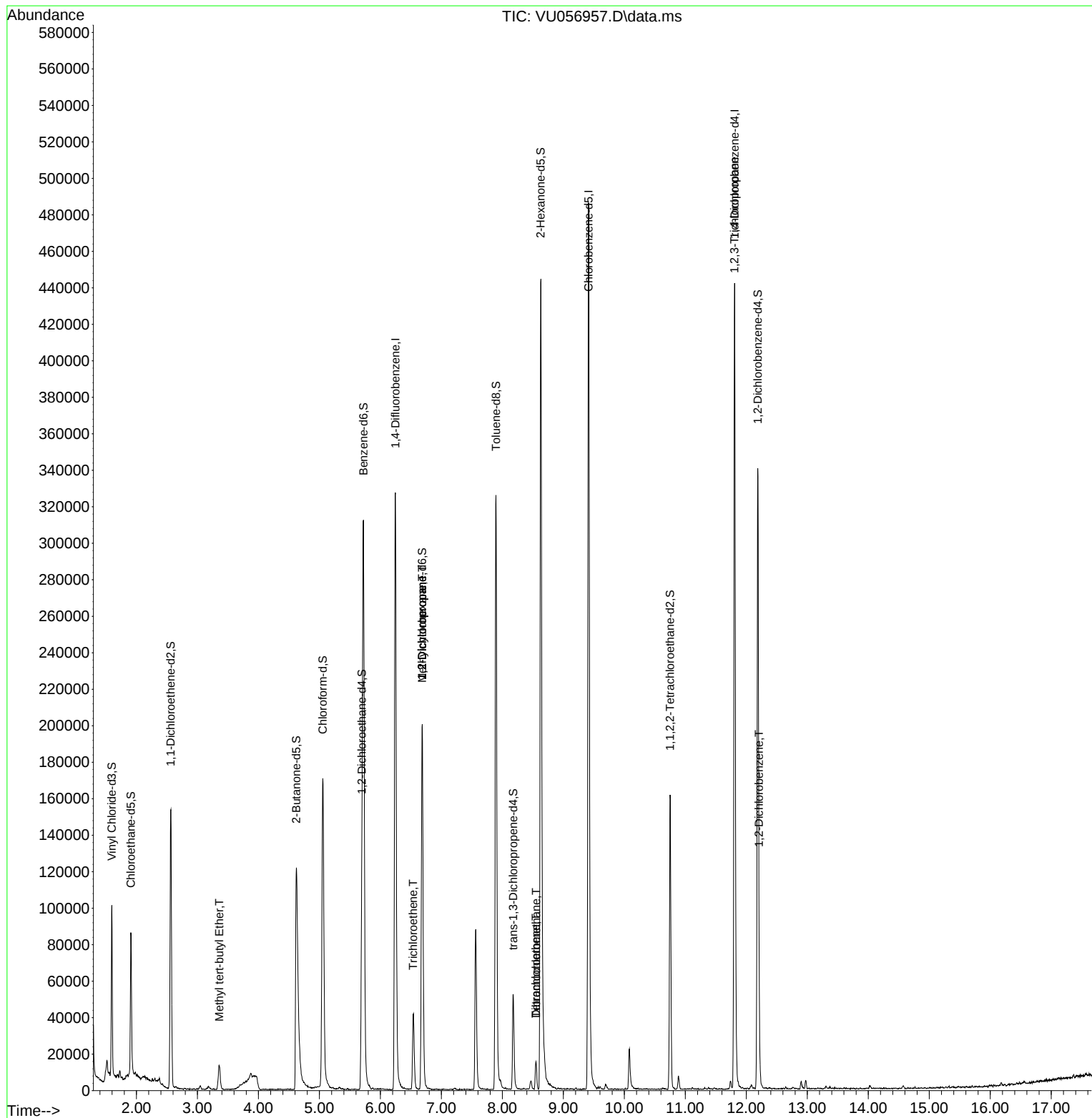
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269604	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	281365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66255	2.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.908	69	57728	3.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	2.560	65	30197	3.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.621	46	202142	44.292	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.580%
24) Chloroform-d	5.055	84	163335	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.695	65	81371	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.721	84	293700	3.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.400%#
36) 1,2-Dichloropropane-d6	6.685	67	99988	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.894	98	229572	2.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.800%#
43) trans-1,3-Dichloroprop...	8.177	79	32441	3.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.200%
46) 2-Hexanone-d5	8.627	63	151834	38.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79772	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	88918	3.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.400%#
Target Compounds						
17) Methyl tert-butyl Ether	3.358	73	13614	0.281	ug/L #	94
34) Trichloroethene	6.538	95	14840	0.547	ug/L	94
35) Methylcyclohexane	6.682	83	24618	0.615	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	10095	0.399	ug/L #	89
47) Tetrachloroethene	8.547	164	3746	0.197	ug/L	95
49) Dibromochloromethane	8.554	129	3733	0.190	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	14475	1.138	ug/L #	70
67) 1,2-Dichlorobenzene	12.206	146	6817	0.169	ug/L	99

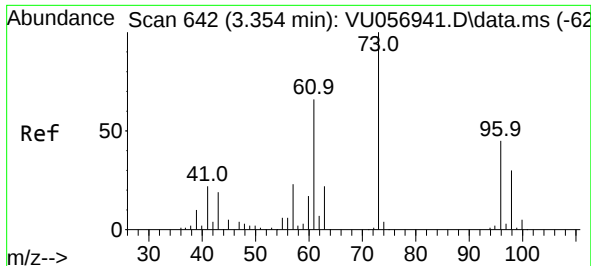
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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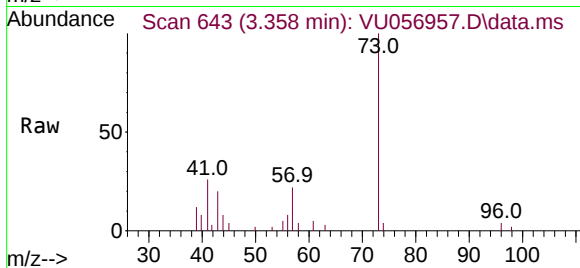
Quant Time: Dec 18 00:37:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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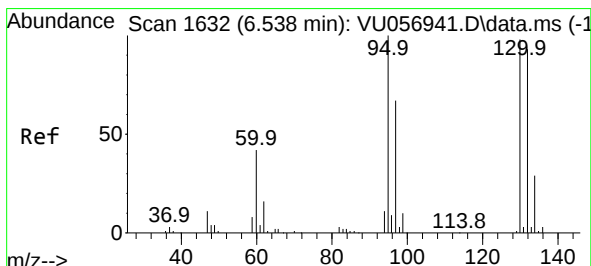
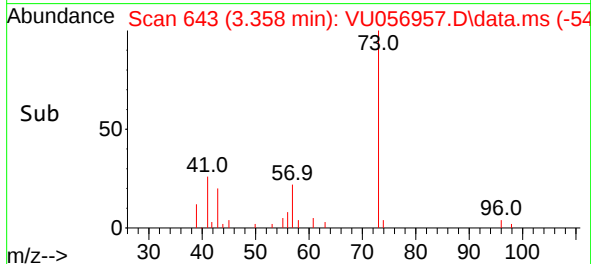
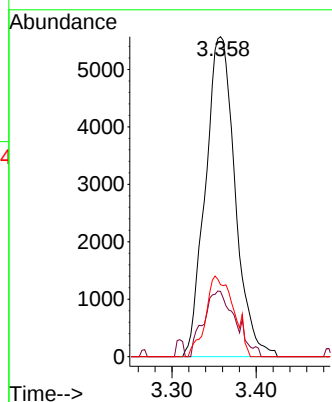


#17
Methyl tert-butyl Ether
Concen: 0.281 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU056957.D
Acq: 17 Dec 2023 05:30

Instrument :
MSVOA_U
ClientSampleId :

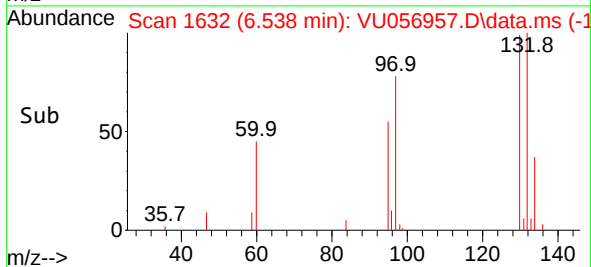
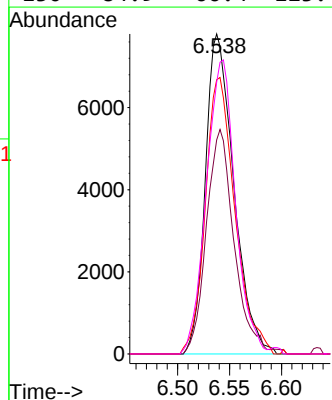
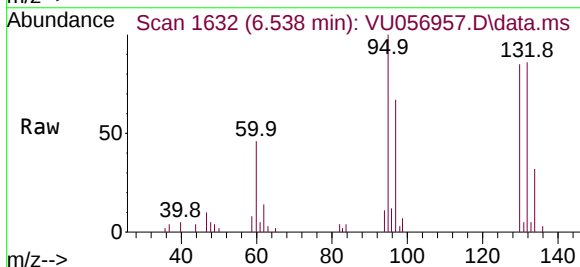


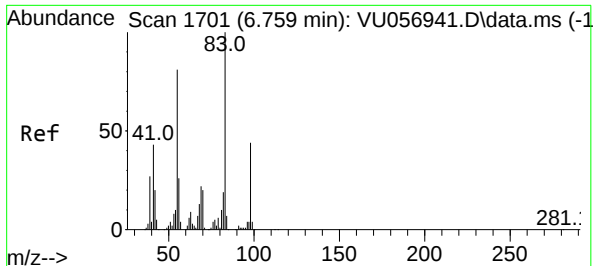
Tgt Ion: 73 Resp: 13614
Ion Ratio Lower Upper
73 100
43 22.2 14.4 21.6#
57 23.7 17.8 26.8



#34
Trichloroethene
Concen: 0.547 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056957.D
Acq: 17 Dec 2023 05:30

Tgt Ion: 95 Resp: 14840
Ion Ratio Lower Upper
95 100
97 66.9 46.1 85.5
132 85.7 63.6 118.0
130 84.9 66.4 123.4





#35

Methylcyclohexane

Concen: 0.615 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056957.D

Acq: 17 Dec 2023 05:30

Instrument :

MSVOA_U

ClientSampleId :

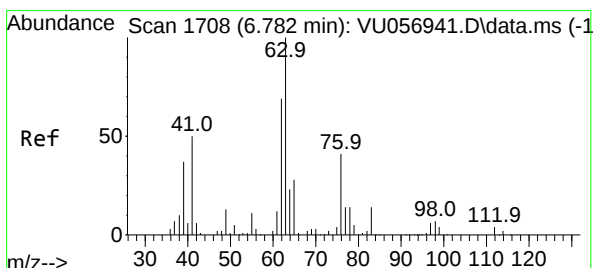
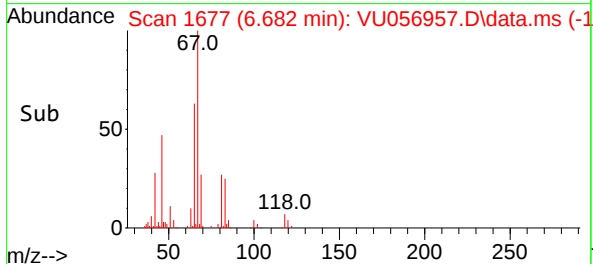
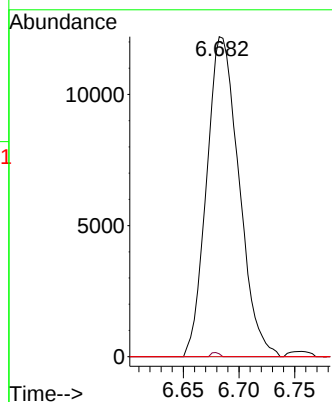
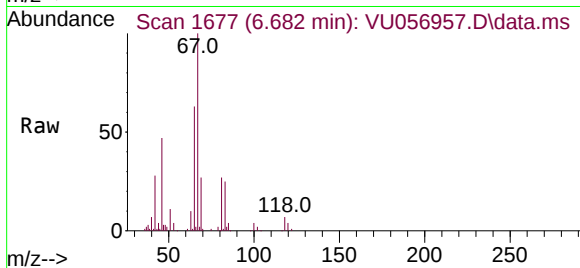
Tgt Ion: 83 Resp: 24618

Ion Ratio Lower Upper

83 100

55 0.3 64.6 97.0#

98 3.2 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.399 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU056957.D

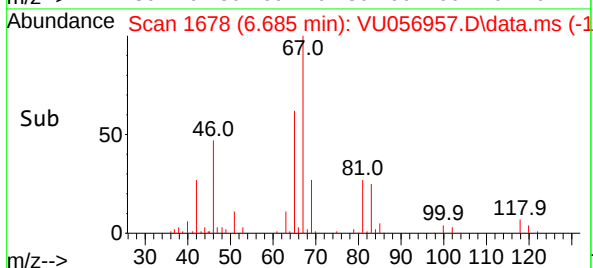
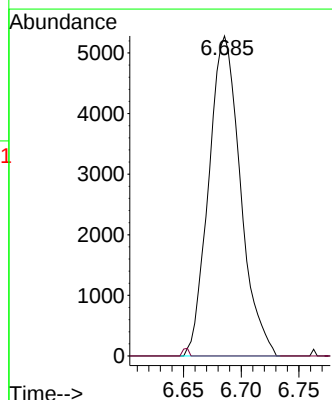
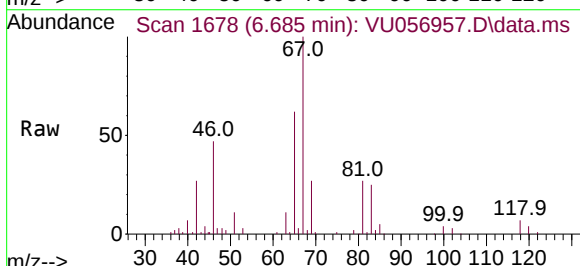
Acq: 17 Dec 2023 05:30

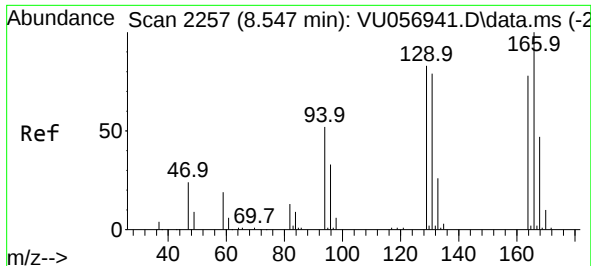
Tgt Ion: 63 Resp: 10095

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.197 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

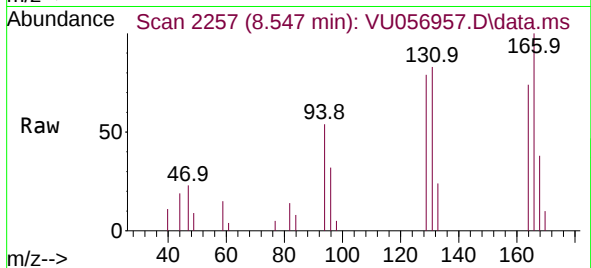
Lab File: VU056957.D

Acq: 17 Dec 2023 05:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3746

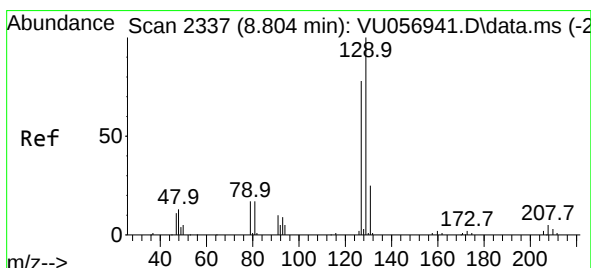
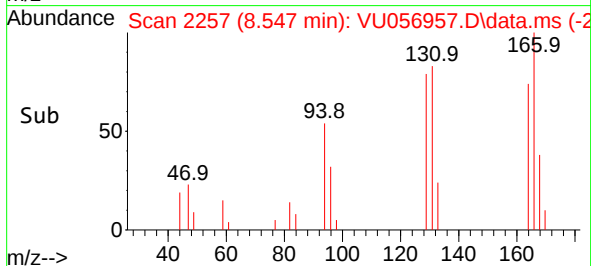
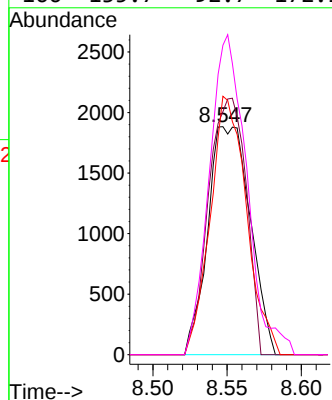
Ion Ratio Lower Upper

164 100

129 106.6 73.4 136.4

131 113.3 71.5 132.9

166 135.7 92.7 172.1



#49

Dibromochloromethane

Concen: 0.190 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. -0.251 min

Lab File: VU056957.D

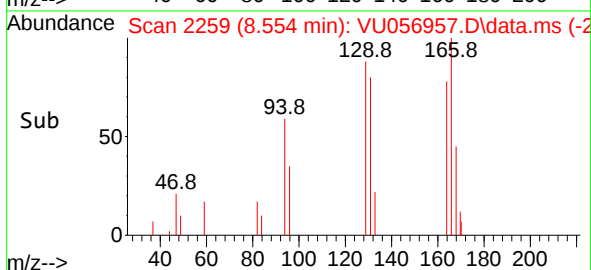
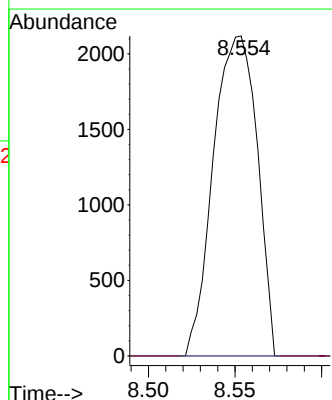
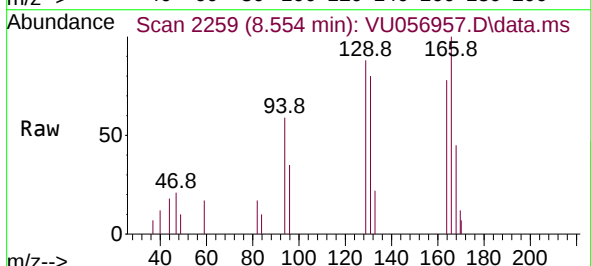
Acq: 17 Dec 2023 05:30

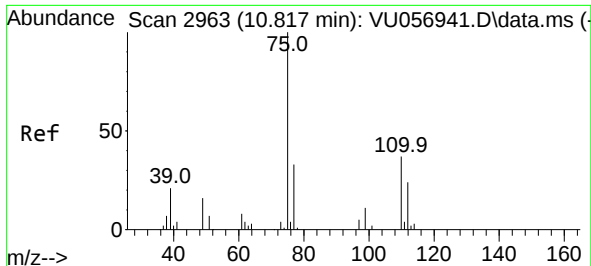
Tgt Ion:129 Resp: 3733

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#

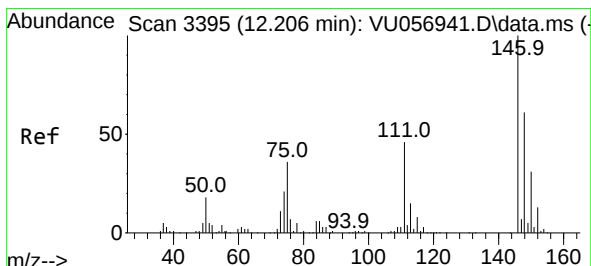
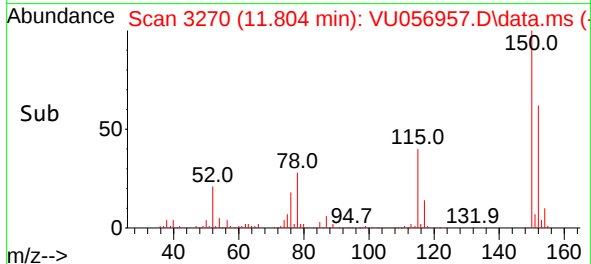
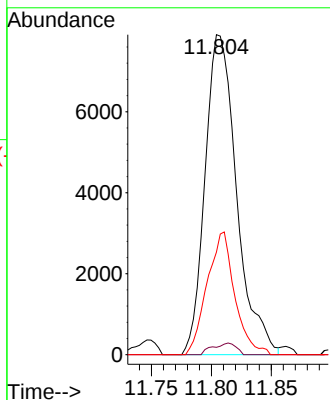
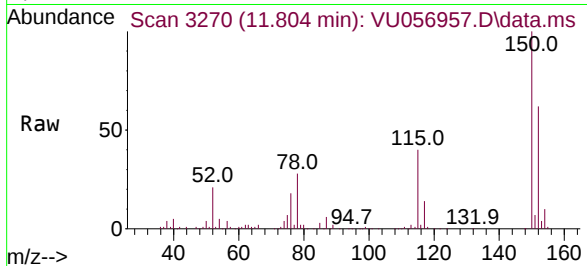




#61
 1,2,3-Trichloropropane
 Concen: 1.138 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056957.D
 Acq: 17 Dec 2023 05:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 14475
 Ion Ratio Lower Upper
 75 100
 110 2.7 28.4 42.6#
 77 33.6 26.3 39.5



#67
 1,2-Dichlorobenzene
 Concen: 0.169 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. -0.003 min
 Lab File: VU056957.D
 Acq: 17 Dec 2023 05:30

Tgt Ion: 146 Resp: 6817
 Ion Ratio Lower Upper
 146 100
 111 47.0 36.9 55.3
 148 65.3 53.0 79.4

