

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056795.D
 Acq On : 12 Dec 2023 18:57
 Operator : MD/SY
 Sample : 05677-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA8

Quant Time: Dec 13 00:35:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

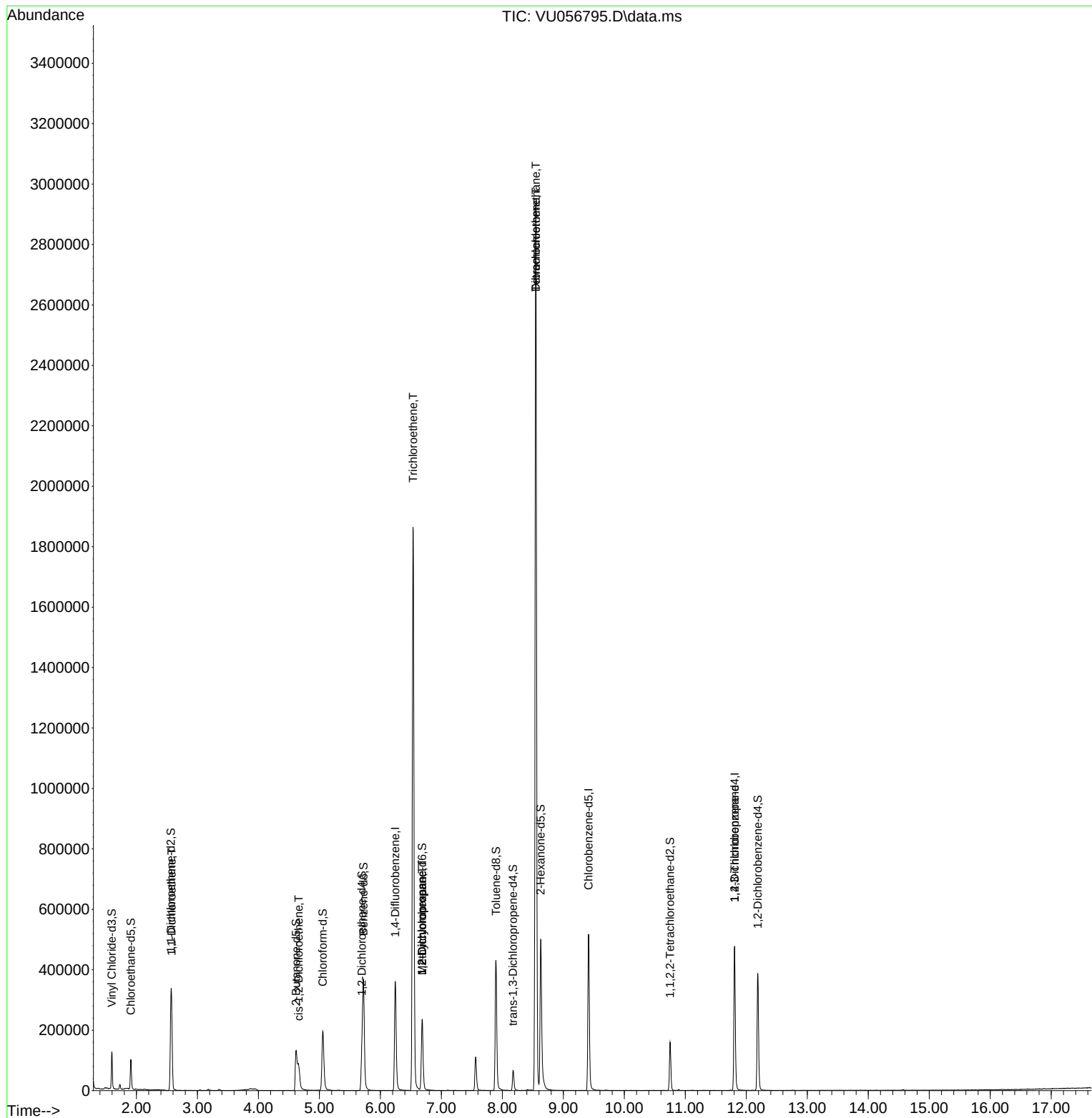
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	296556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	308861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86268	3.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.908	69	73871	3.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.563	65	39304	3.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.615	46	210008	41.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.660%
24) Chloroform-d	5.055	84	186649	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.695	65	90215	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.721	84	356646	3.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.682	67	116023	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.894	98	303101	3.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.174	79	41500	3.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.628	63	169697	38.693	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81680	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	102761	4.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	73836	3.067	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	33109	1.247	ug/L	96
34) Trichloroethene	6.534	95	670262	22.510	ug/L	98
35) Methylcyclohexane	6.685	83	27004	0.615	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12407	0.447	ug/L #	88
47) Tetrachloroethene	8.547	164	626587	30.069	ug/L	98
49) Dibromochloromethane	8.547	129	650245	30.136	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15992	1.177	ug/L #	70

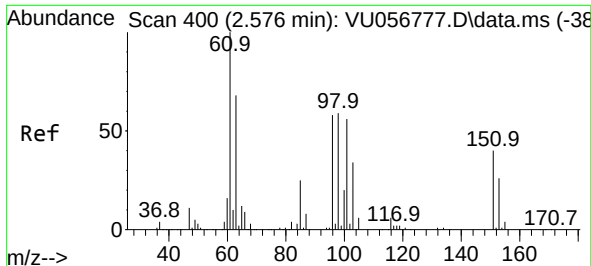
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.067 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056795.D

Acq: 12 Dec 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

H0AA8

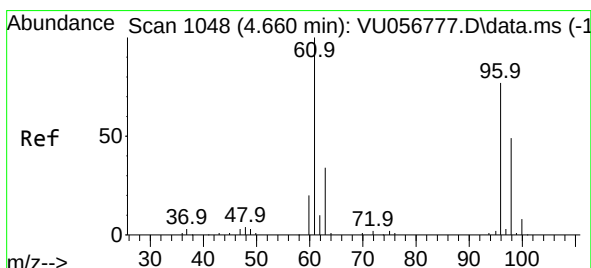
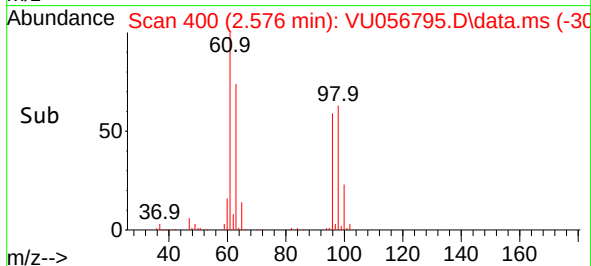
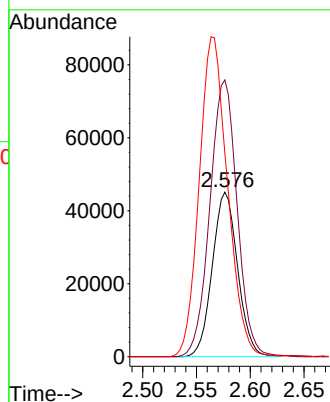
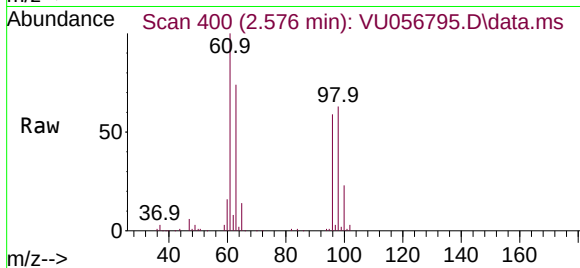
Tgt Ion: 96 Resp: 73836

Ion Ratio Lower Upper

96 100

61 168.3 119.0 221.0

63 123.8 88.7 164.7



#22

cis-1,2-Dichloroethene

Concen: 1.247 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU056795.D

Acq: 12 Dec 2023 18:57

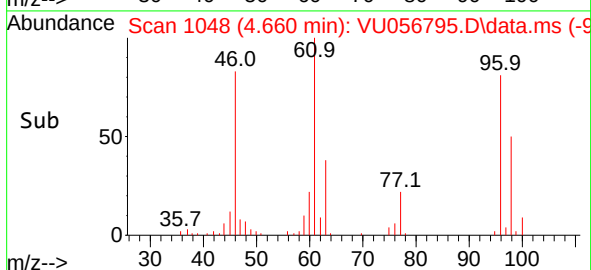
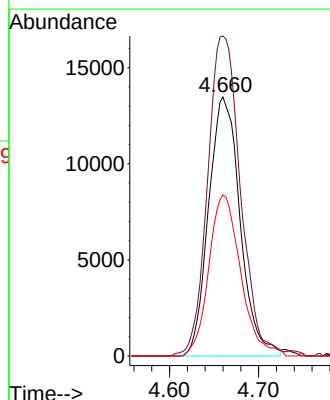
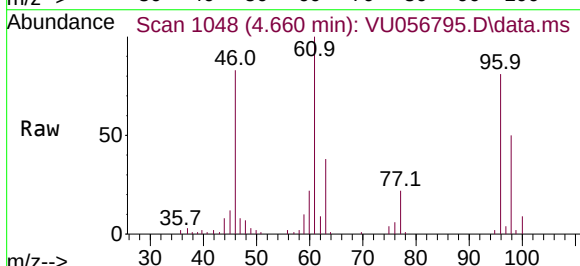
Tgt Ion: 96 Resp: 33109

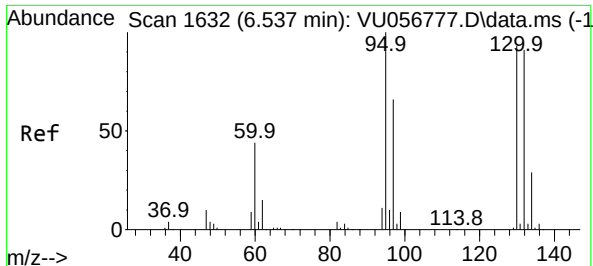
Ion Ratio Lower Upper

96 100

61 123.6 91.3 169.6

98 62.2 44.2 82.0

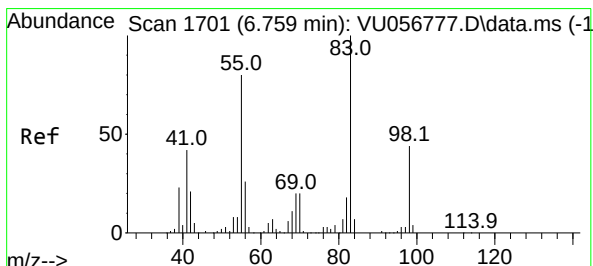
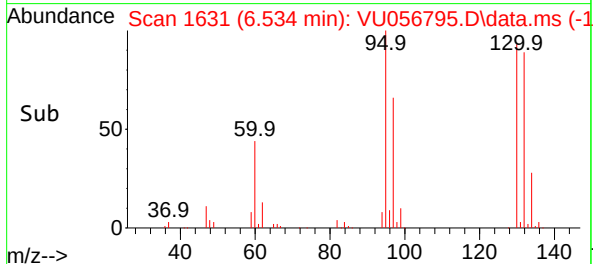
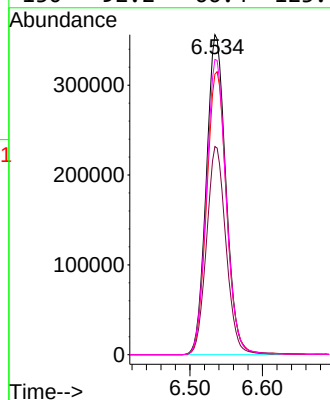
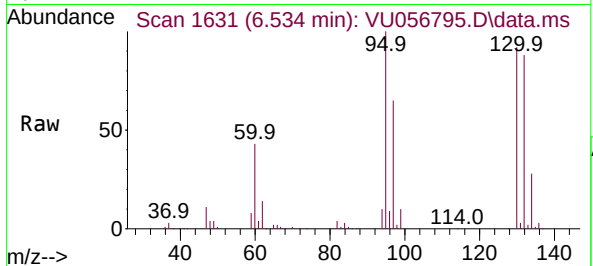




#34
Trichloroethene
Concen: 22.510 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU056795.D
Acq: 12 Dec 2023 18:57

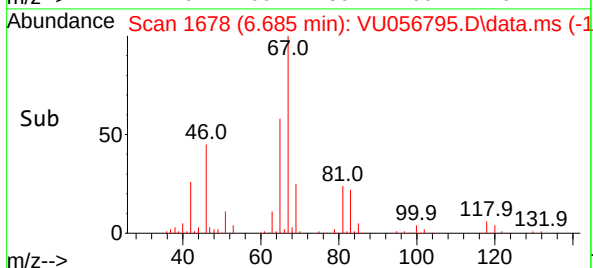
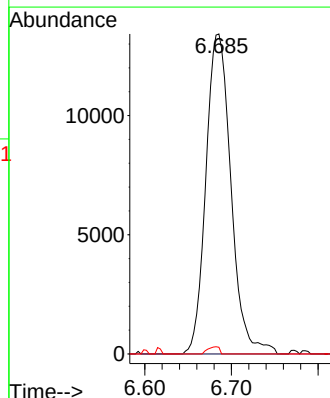
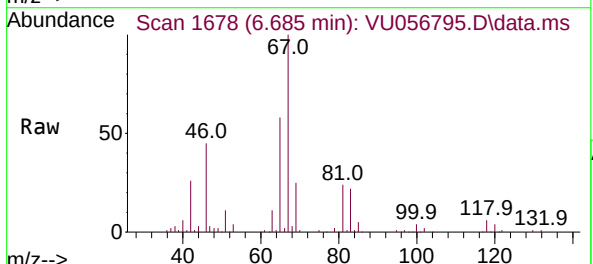
Instrument :
MSVOA_U
ClientSampleId :
H0AA8

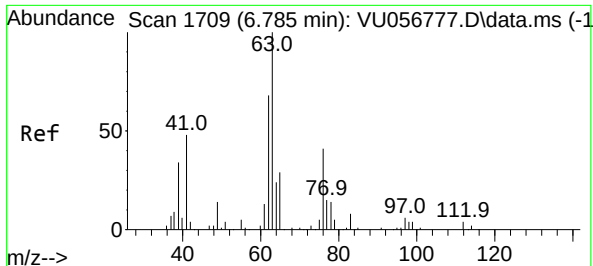
Tgt Ion: 95 Resp: 670262
Ion Ratio Lower Upper
95 100
97 65.1 46.1 85.5
132 87.7 63.6 118.0
130 92.2 66.4 123.4



#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056795.D
Acq: 12 Dec 2023 18:57

Tgt Ion: 83 Resp: 27004
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.0 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.447 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU056795.D

Acq: 12 Dec 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

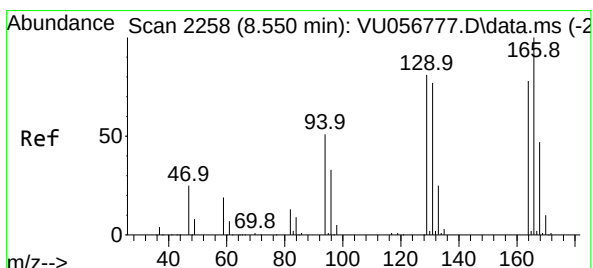
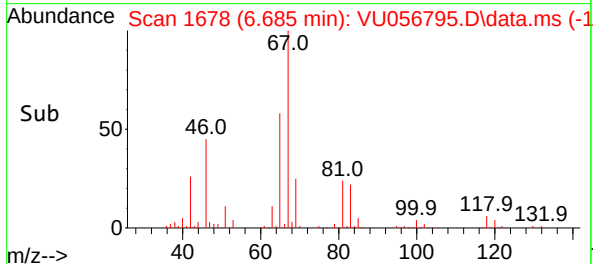
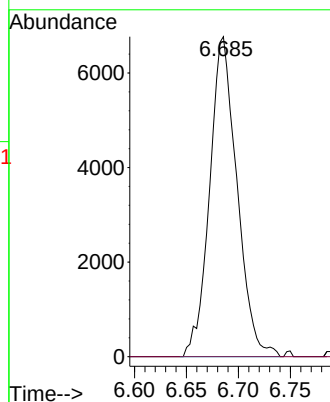
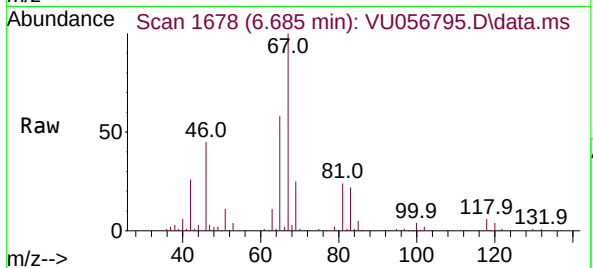
H0AA8

Tgt Ion: 63 Resp: 12407

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 30.069 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056795.D

Acq: 12 Dec 2023 18:57

Tgt Ion:164 Resp: 626587

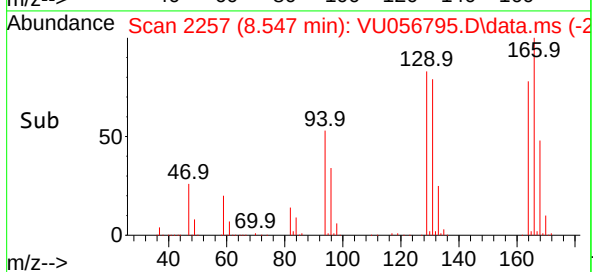
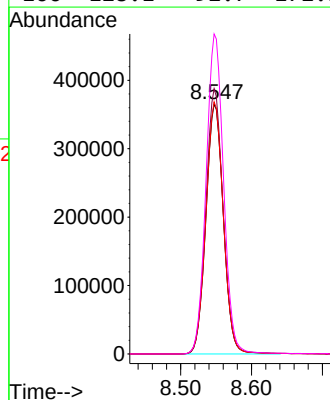
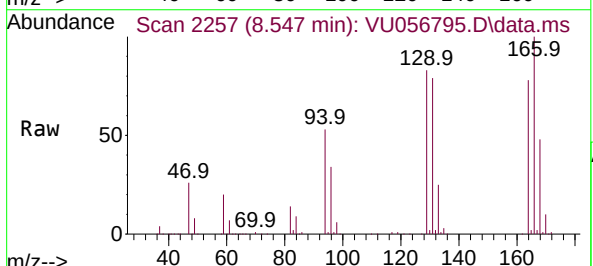
Ion Ratio Lower Upper

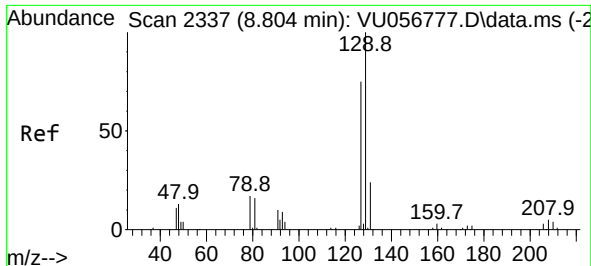
164 100

129 106.2 73.4 136.4

131 100.9 71.5 132.9

166 128.1 92.7 172.1

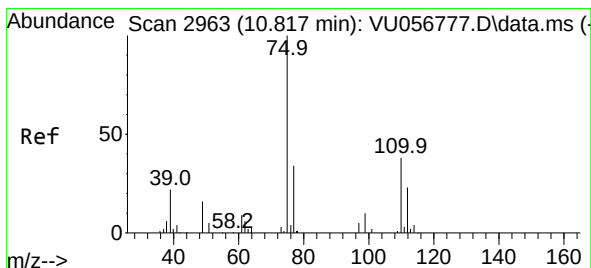
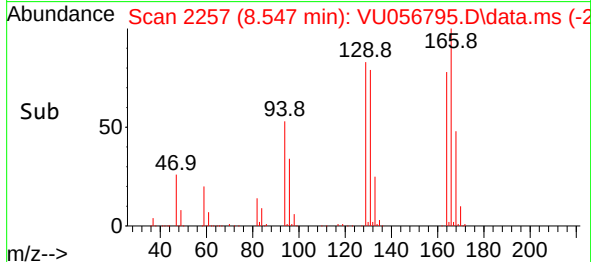
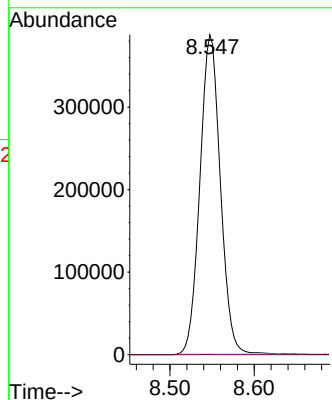
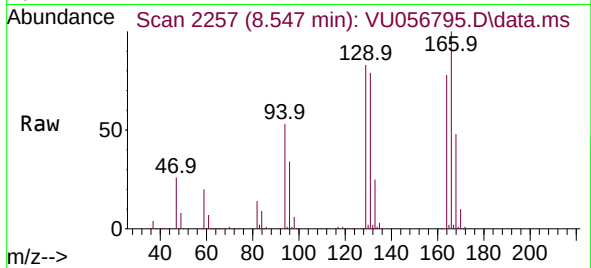




#49
Dibromochloromethane
Concen: 30.136 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056795.D
Acq: 12 Dec 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
H0AA8

Tgt Ion:129 Resp: 650245
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.177 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU056795.D
Acq: 12 Dec 2023 18:57

Tgt Ion: 75 Resp: 15992
Ion Ratio Lower Upper
75 100
110 3.7 28.4 42.6#
77 34.7 26.3 39.5

