

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056803.D
 Acq On : 12 Dec 2023 23:22
 Operator : MD/SY
 Sample : 05677-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4DL

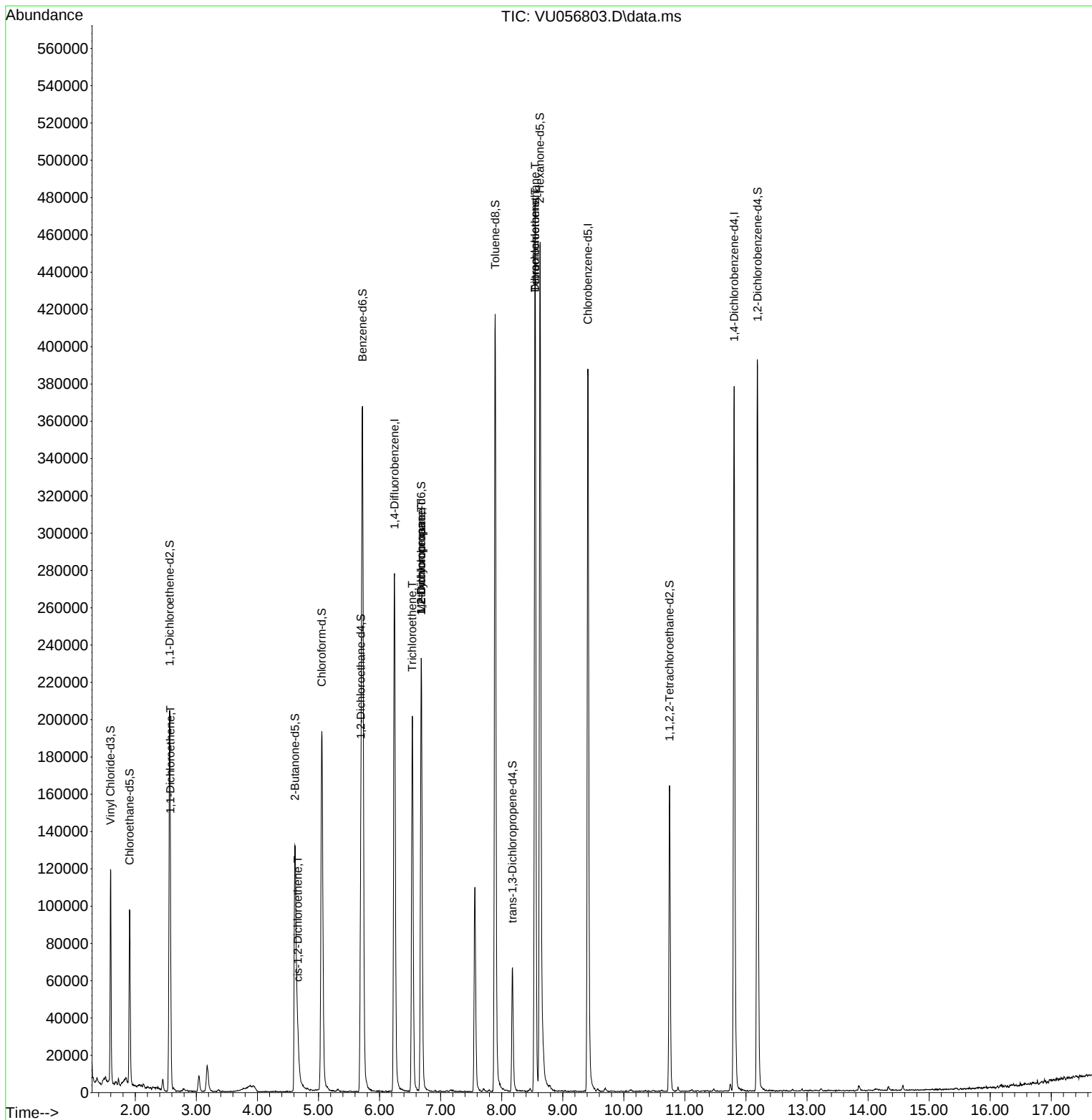
Quant Time: Dec 13 04:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

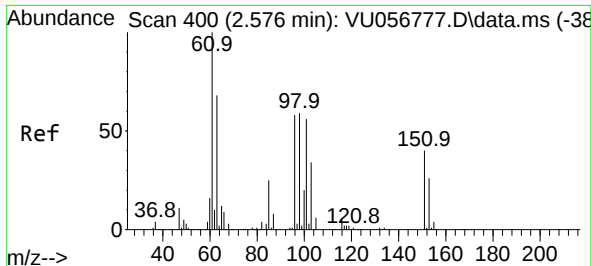
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	229790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	231743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82420	4.184	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	70433	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.563	65	38401	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.615	46	201987	51.927	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.860%
24) Chloroform-d	5.055	84	187432	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	94141	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	356969	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.682	67	113690	5.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	291924	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	41006	4.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	155570	47.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80681	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	104944	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	9550	0.512	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	6594	0.320	ug/L	96
34) Trichloroethene	6.537	95	71678	3.208	ug/L	97
35) Methylcyclohexane	6.682	83	26350	0.799	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12740	0.612	ug/L #	88
47) Tetrachloroethene	8.547	164	102041	6.526	ug/L	99
49) Dibromochloromethane	8.547	129	106060	6.551	ug/L #	11

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.512 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056803.D

Acq: 12 Dec 2023 23:22

Instrument :

MSVOA_U

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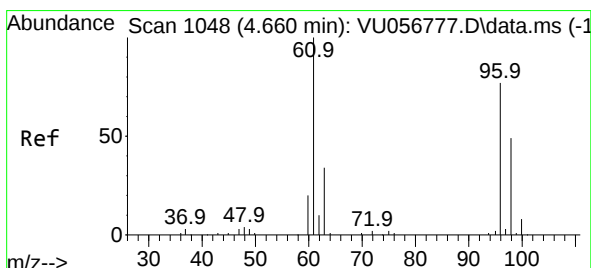
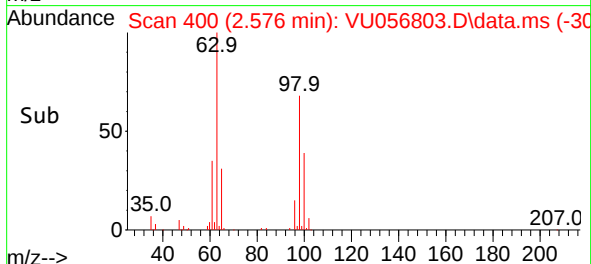
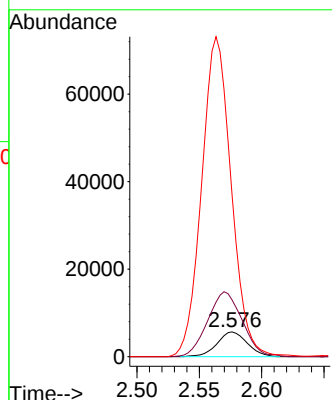
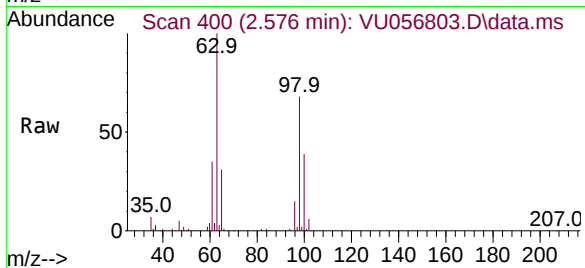
Tgt Ion: 96 Resp: 9550

Ion Ratio Lower Upper

96 100

61 229.3 119.0 221.0#

63 653.5 88.7 164.7#



#22

cis-1,2-Dichloroethene

Concen: 0.320 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056803.D

Acq: 12 Dec 2023 23:22

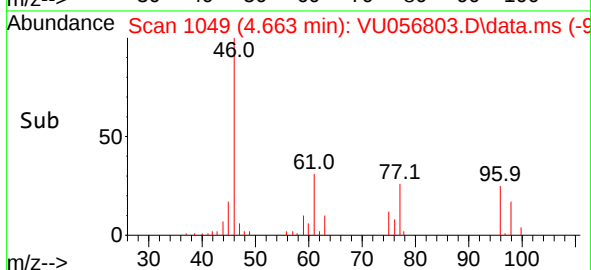
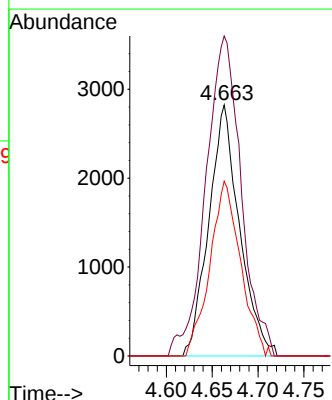
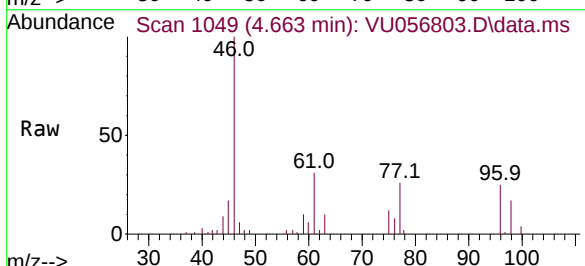
Tgt Ion: 96 Resp: 6594

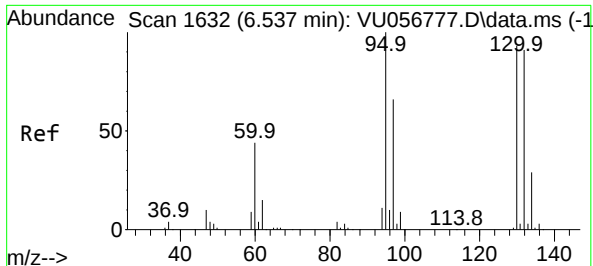
Ion Ratio Lower Upper

96 100

61 127.5 91.3 169.6

98 69.6 44.2 82.0



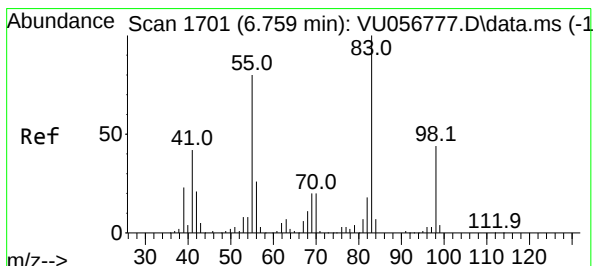
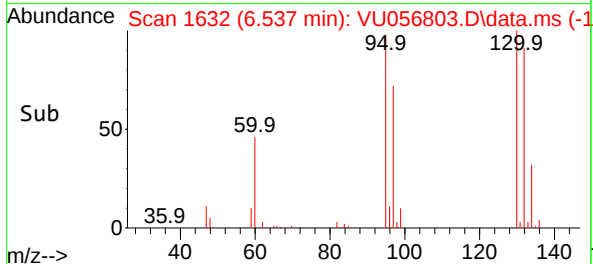
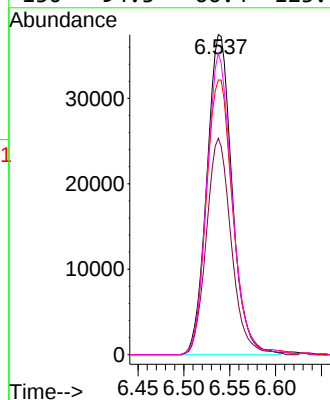
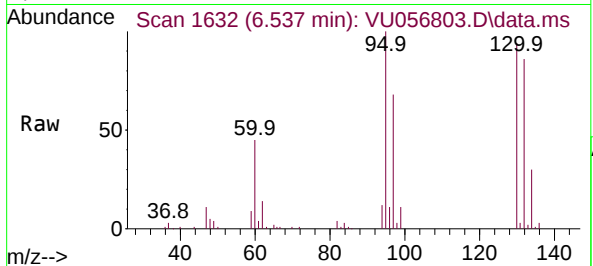


#34
Trichloroethene
Concen: 3.208 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056803.D
Acq: 12 Dec 2023 23:22

Instrument :
MSVOA_U
ClientSampleId :
H0AD4DL

Tgt Ion: 95 Resp: 71678

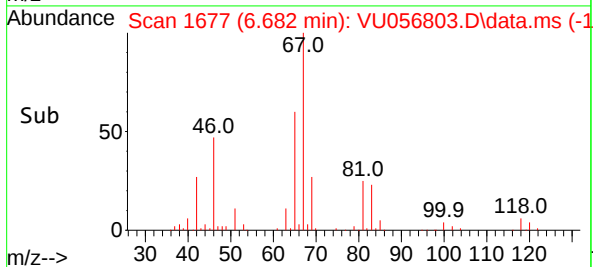
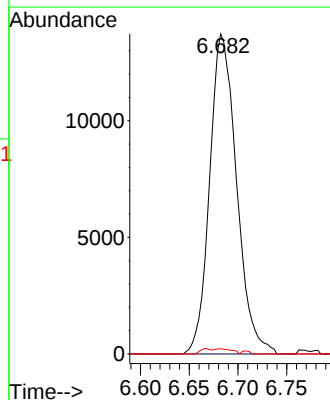
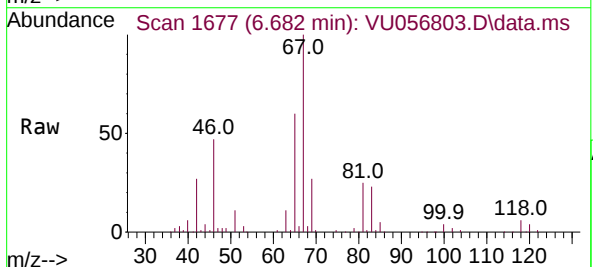
Ion	Ratio	Lower	Upper
95	100		
97	67.6	46.1	85.5
132	85.8	63.6	118.0
130	94.3	66.4	123.4

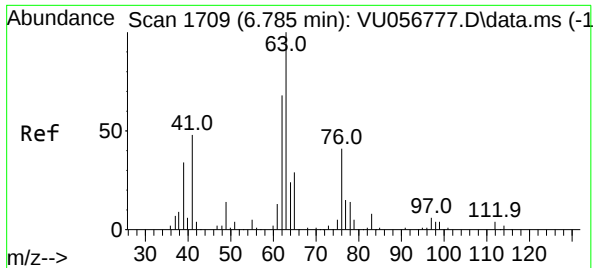


#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056803.D
Acq: 12 Dec 2023 23:22

Tgt Ion: 83 Resp: 26350

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	1.1	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056803.D

Acq: 12 Dec 2023 23:22

Instrument :

MSVOA_U

ClientSampleId :

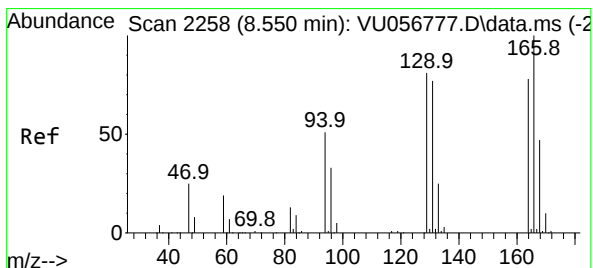
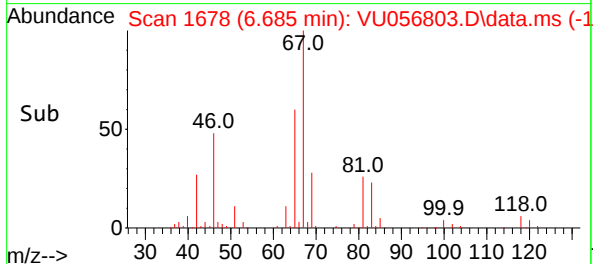
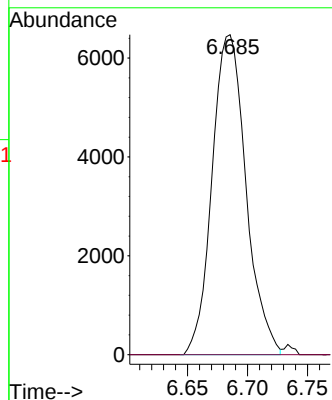
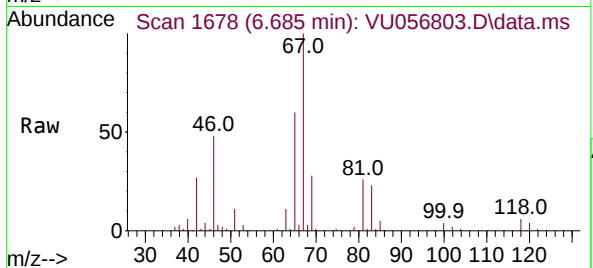
H0AD4DL

Tgt Ion: 63 Resp: 12740

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 6.526 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU056803.D

Acq: 12 Dec 2023 23:22

Tgt Ion:164 Resp: 102041

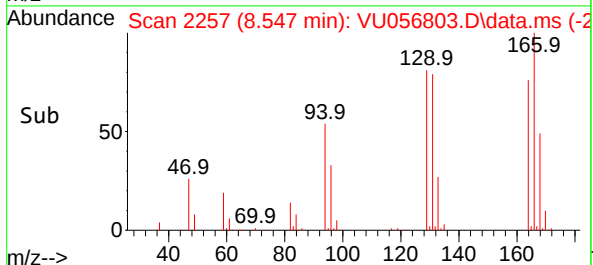
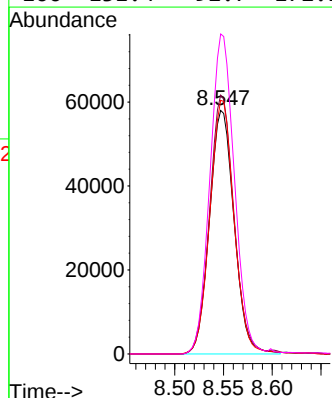
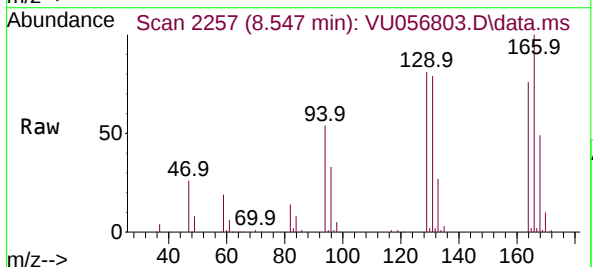
Ion Ratio Lower Upper

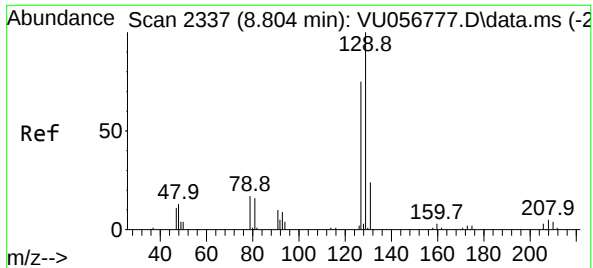
164 100

129 106.3 73.4 136.4

131 104.1 71.5 132.9

166 131.4 92.7 172.1





#49
 Dibromochloromethane
 Concen: 6.551 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU056803.D
 Acq: 12 Dec 2023 23:22

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4DL

Tgt Ion:129 Resp: 106060
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.9 100.1#

