

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056783.D
 Acq On : 12 Dec 2023 14:07
 Operator : MD/SY
 Sample : 05684-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J7

Quant Time: Dec 13 00:32:16 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)

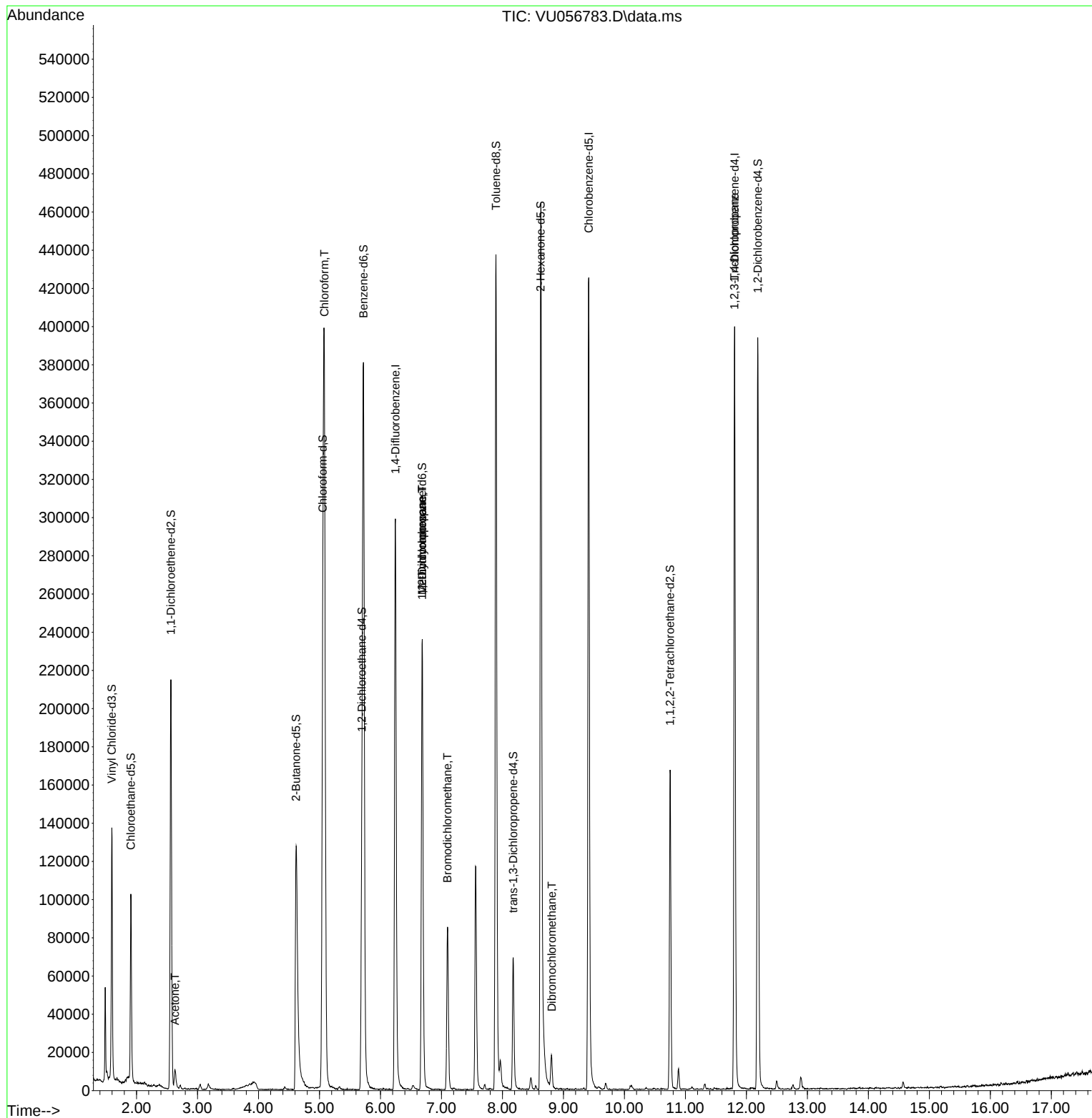
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	93670	4.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.907	69	73273	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.563	65	40908	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.618	46	209849	49.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.055	84	205976	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.695	65	94911	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.721	84	368077	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.685	67	115720	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	308238	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	43527	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	160892	45.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	84522	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	104352	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	13018	5.055	ug/L	94
25) Chloroform	5.081	83	310143	7.489	ug/L	99
35) Methylcyclohexane	6.685	83	27892	0.780	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12648	0.559	ug/L #	88
38) Bromodichloromethane	7.100	83	58019	2.013	ug/L	96
49) Dibromochloromethane	8.807	129	9348	0.532	ug/L	83
61) 1,2,3-Trichloropropane	11.804	75	13106	1.143	ug/L #	69

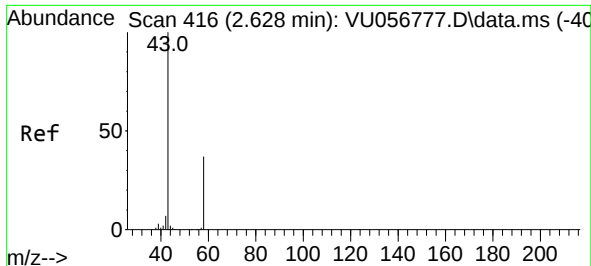
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.055 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

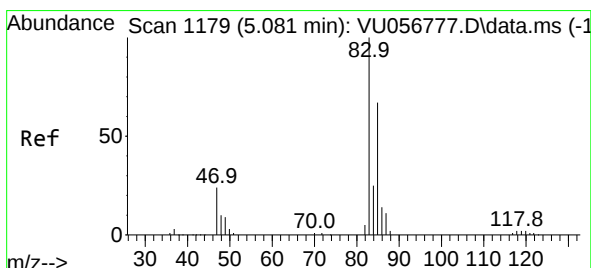
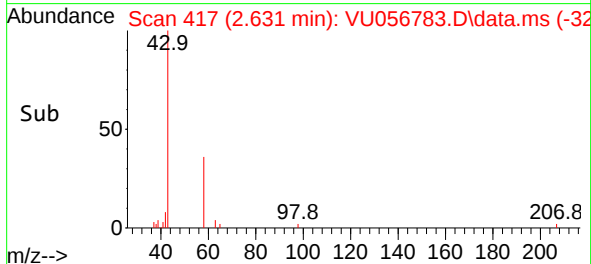
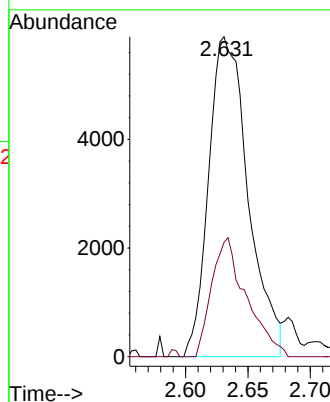
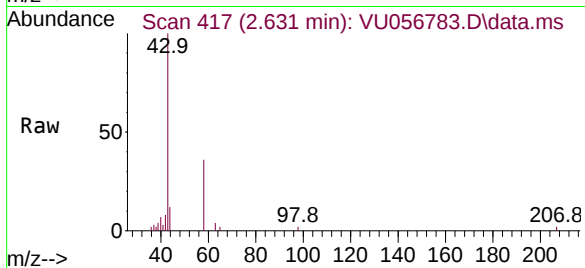
E06J7

Tgt Ion: 43 Resp: 13018

Ion Ratio Lower Upper

43 100

58 32.6 0.0 72.6



#25

Chloroform

Concen: 7.489 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056783.D

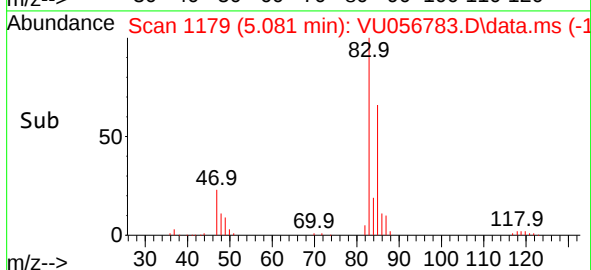
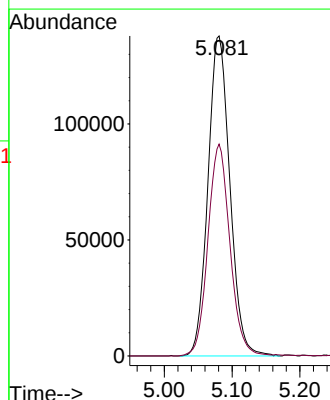
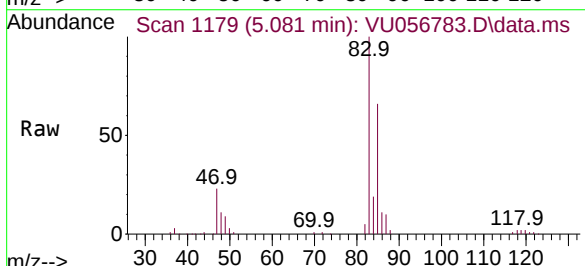
Acq: 12 Dec 2023 14:07

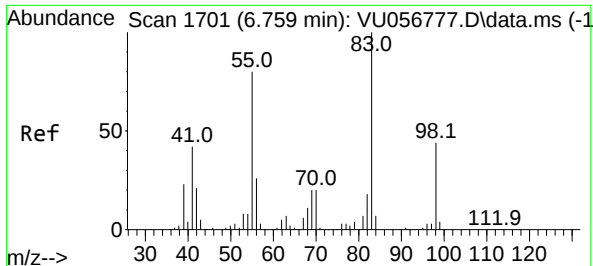
Tgt Ion: 83 Resp: 310143

Ion Ratio Lower Upper

83 100

85 66.2 45.8 85.0





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056783.D

Acq: 12 Dec 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

E06J7

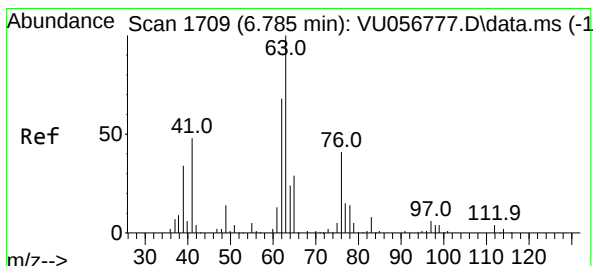
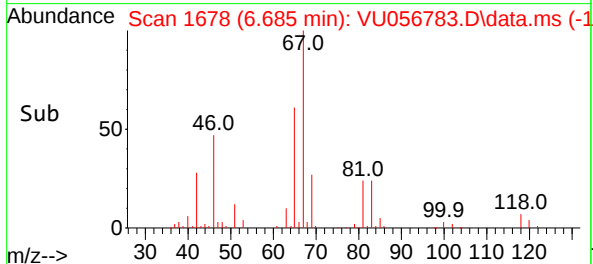
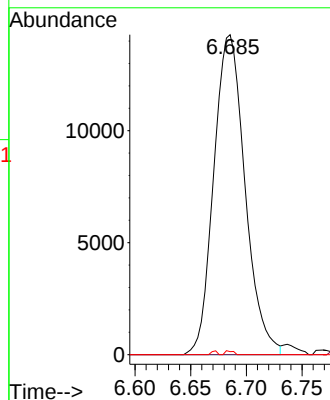
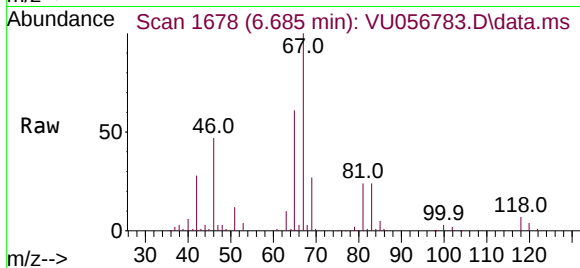
Tgt Ion: 83 Resp: 27892

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.3 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056783.D

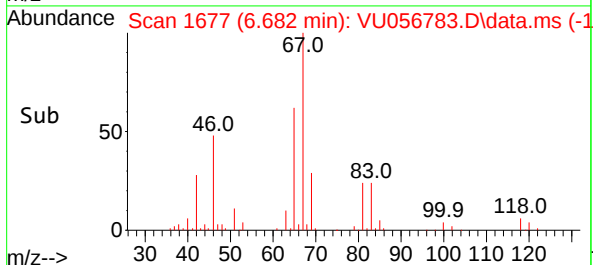
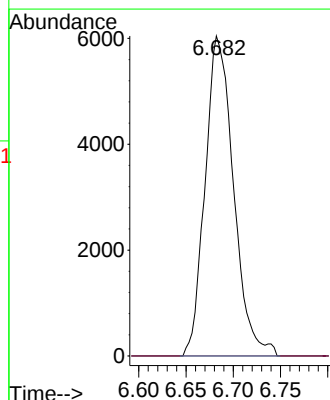
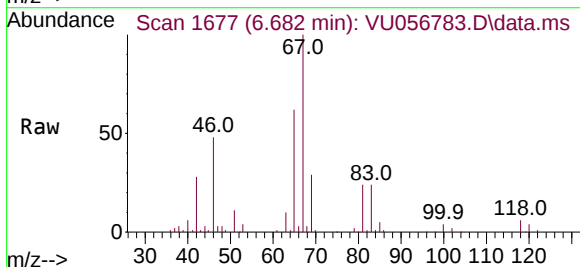
Acq: 12 Dec 2023 14:07

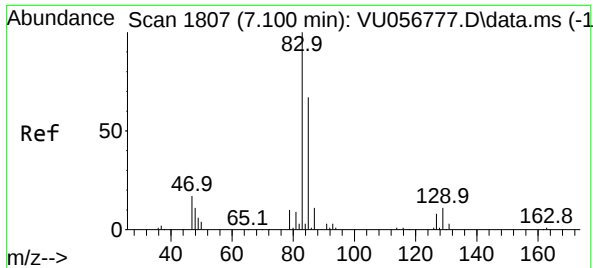
Tgt Ion: 63 Resp: 12648

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#

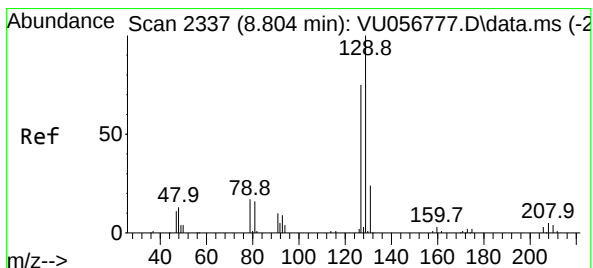
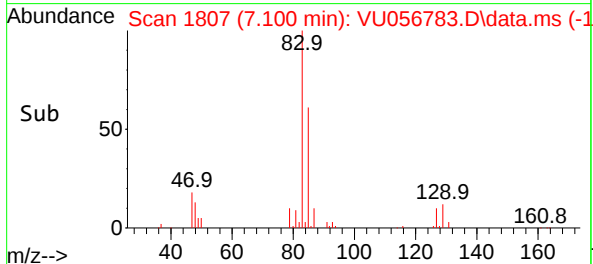
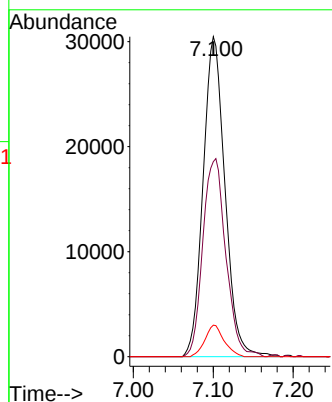
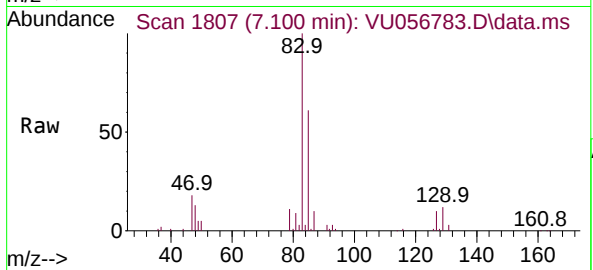




#38
Bromodichloromethane
Concen: 2.013 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056783.D
Acq: 12 Dec 2023 14:07

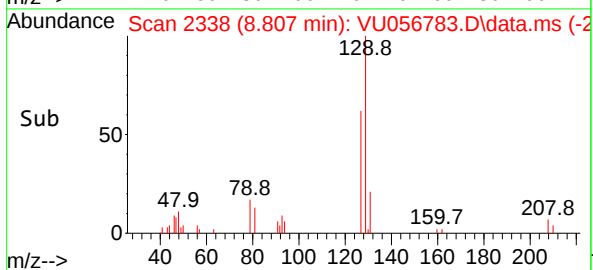
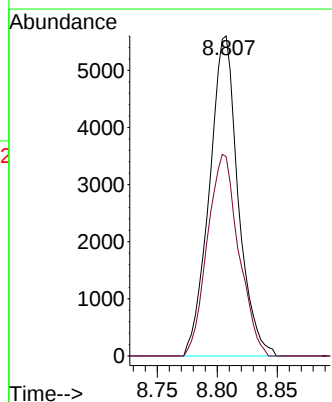
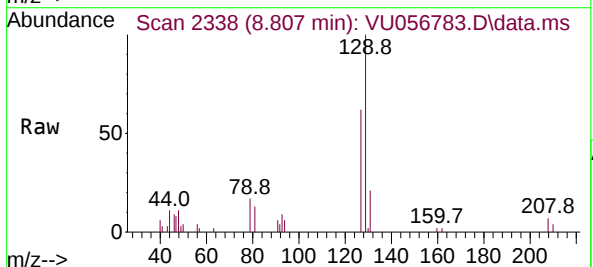
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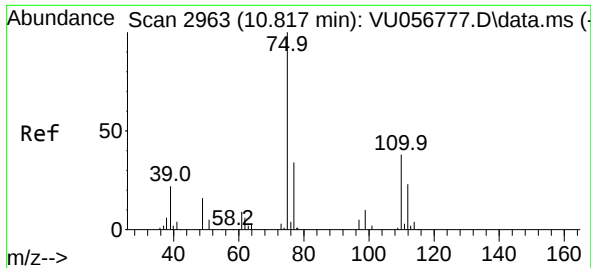
Tgt Ion: 83 Resp: 58019
Ion Ratio Lower Upper
83 100
85 61.0 45.0 83.6
127 9.8 7.0 10.4



#49
Dibromochloromethane
Concen: 0.532 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU056783.D
Acq: 12 Dec 2023 14:07

Tgt Ion: 129 Resp: 9348
Ion Ratio Lower Upper
129 100
127 62.3 53.9 100.1





#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU056783.D

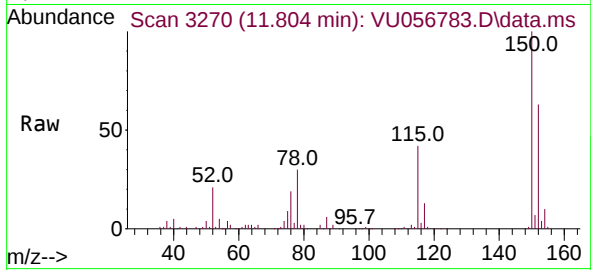
Acq: 12 Dec 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

E06J7



Tgt Ion: 75 Resp: 13106

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 31.8 26.3 39.5

