

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057702.D
 Acq On : 26 Jan 2024 19:22
 Operator : MD/SY
 Sample : P1230-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 00:32:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

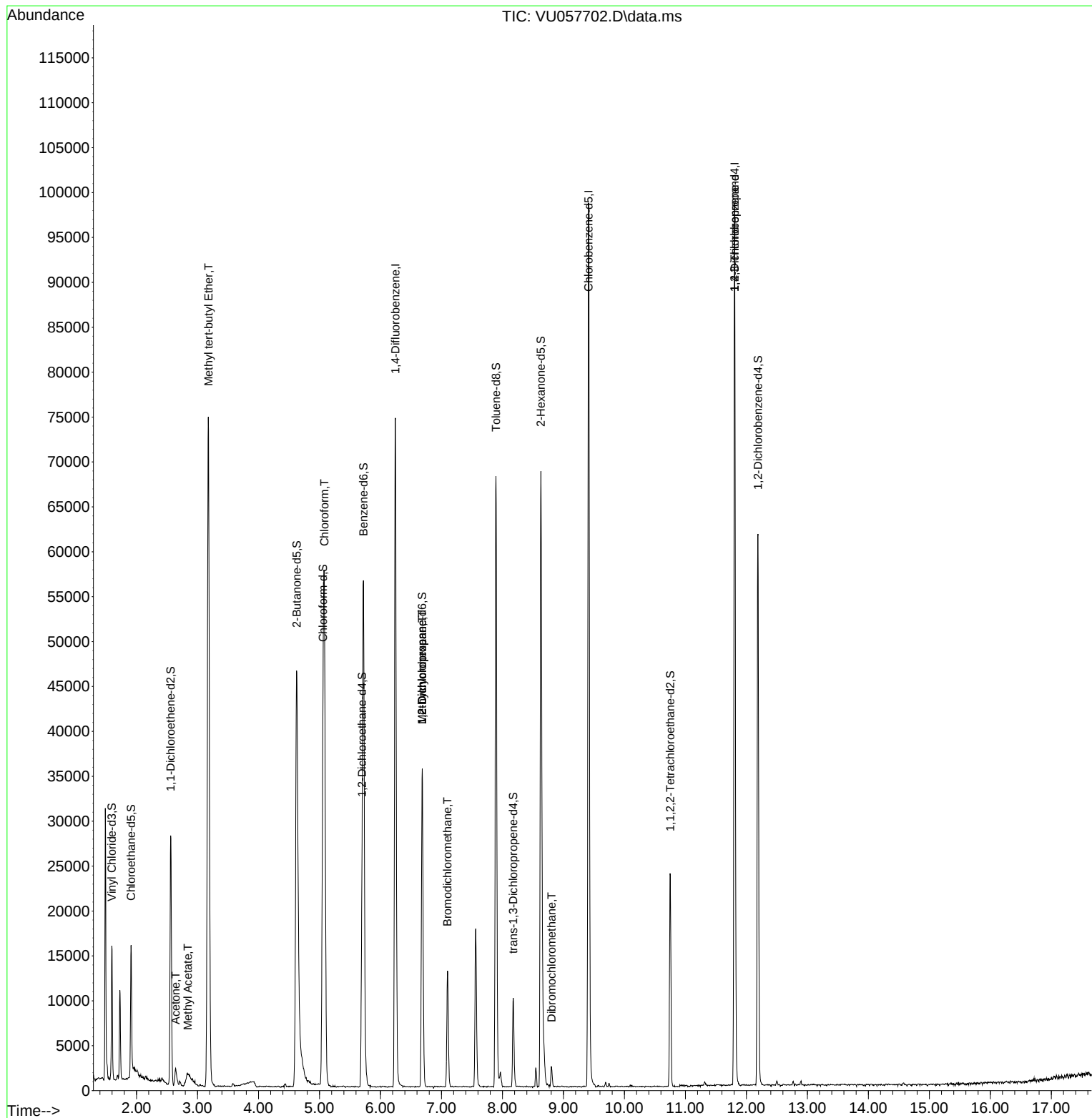
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	61289	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	10222	3.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.911	69	10621	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.560	65	5403	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.628	46	31284	49.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.220%
24) Chloroform-d	5.058	84	29452	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.698	65	13932	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	51904	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.685	67	17194	4.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.894	98	47305	3.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	5972	3.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.631	63	24130	48.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	11982	4.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	15937	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
13) Acetone	2.644	43	3168	5.233	ug/L	91
15) Methyl Acetate	2.840	43	738	0.474	ug/L #	49
17) Methyl tert-butyl Ether	3.181	73	2230	0.211	ug/L #	1
25) Chloroform	5.081	83	43280	4.708	ug/L	98
35) Methylcyclohexane	6.685	83	3787	0.444	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	1910	0.399	ug/L #	89
38) Bromodichloromethane	7.100	83	8769	1.361	ug/L	96
49) Dibromochloromethane	8.804	129	1398	0.347	ug/L	91
61) 1,2,3-Trichloropropane	11.807	75	3287	1.318	ug/L #	66

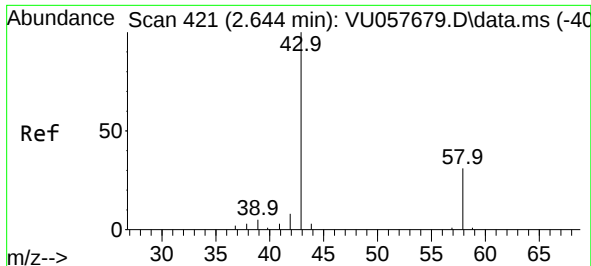
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.233 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057702.D

Acq: 26 Jan 2024 19:22

Instrument :

MSVOA_U

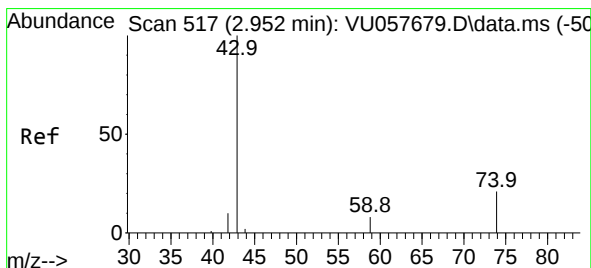
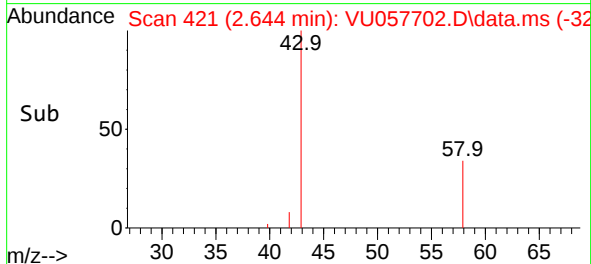
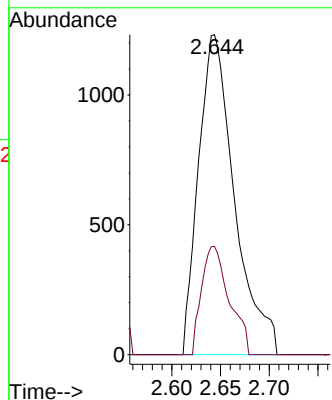
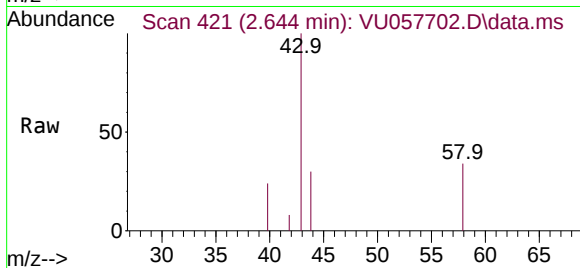
ClientSampleId :

Tgt Ion: 43 Resp: 3168

Ion Ratio Lower Upper

43 100

58 26.0 0.0 61.4



#15

Methyl Acetate

Concen: 0.474 ug/L

RT: 2.840 min Scan# 482

Delta R.T. -0.113 min

Lab File: VU057702.D

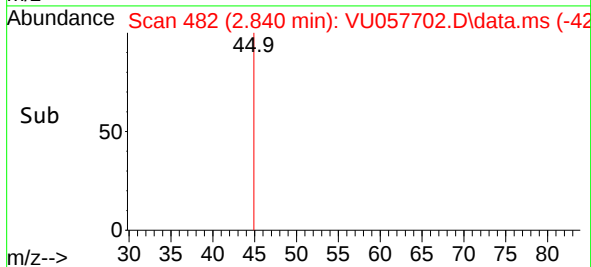
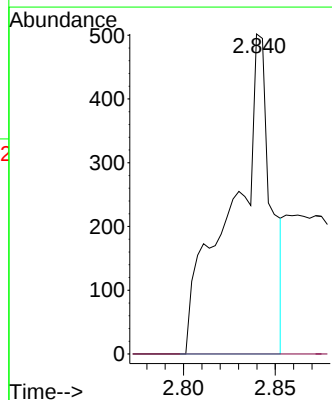
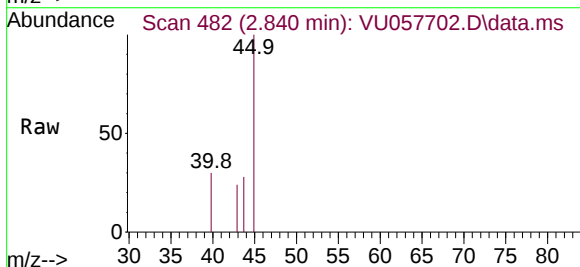
Acq: 26 Jan 2024 19:22

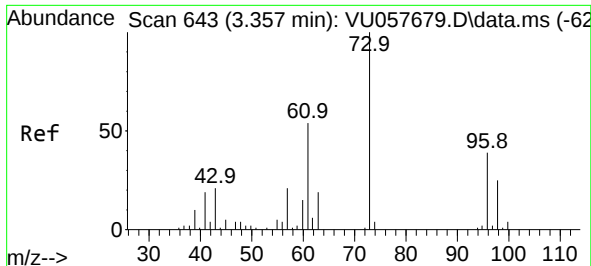
Tgt Ion: 43 Resp: 738

Ion Ratio Lower Upper

43 100

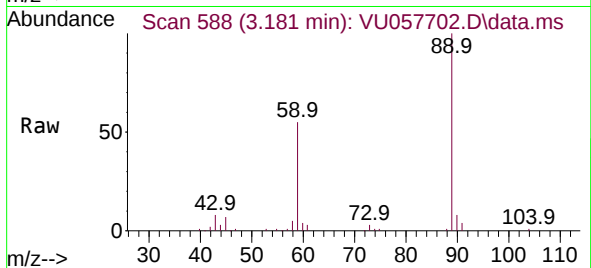
74 0.0 20.7 31.1#



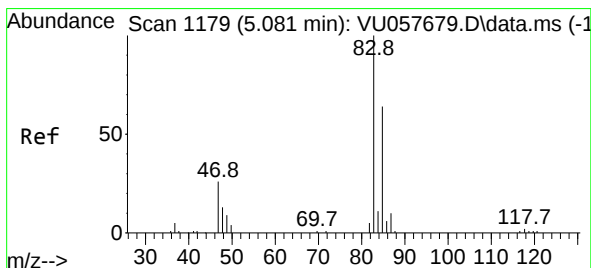
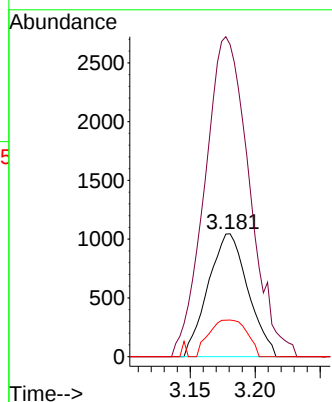
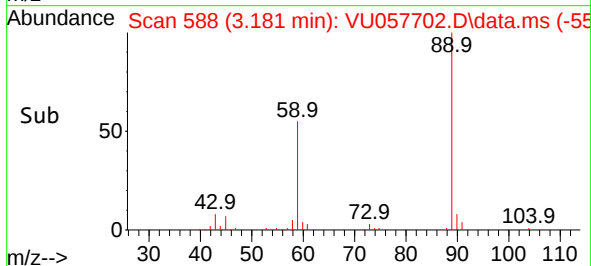


#17
Methyl tert-butyl Ether
Concen: 0.211 ug/L
RT: 3.181 min Scan# 51
Delta R.T. -0.177 min
Lab File: VU057702.D
Acq: 26 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :

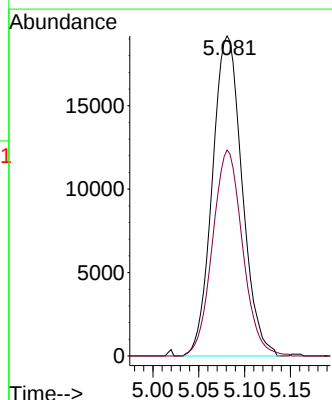
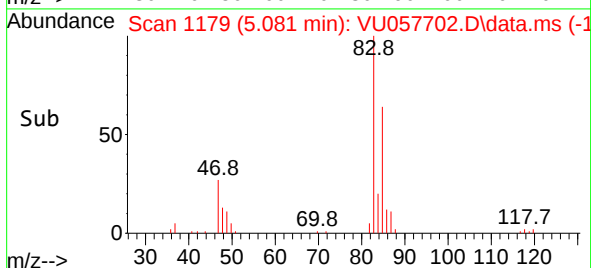
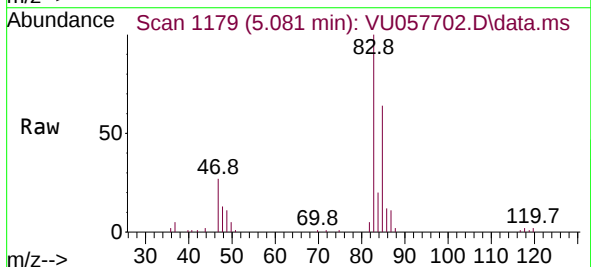


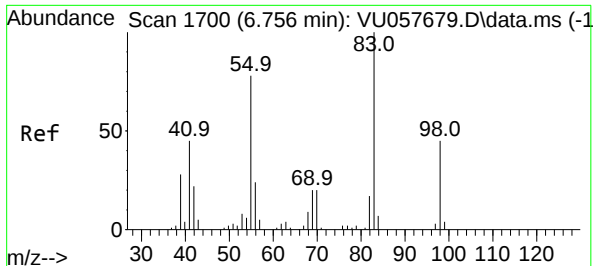
Tgt Ion: 73 Resp: 2230
Ion Ratio Lower Upper
73 100
43 291.1 17.3 25.9#
57 28.3 17.7 26.5#



#25
Chloroform
Concen: 4.708 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU057702.D
Acq: 26 Jan 2024 19:22

Tgt Ion: 83 Resp: 43280
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5





#35

Methylcyclohexane

Concen: 0.444 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057702.D

Acq: 26 Jan 2024 19:22

Instrument :

MSVOA_U

ClientSampleId :

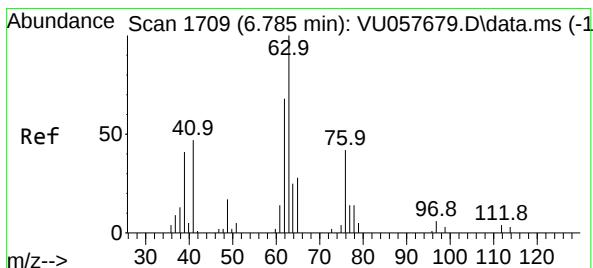
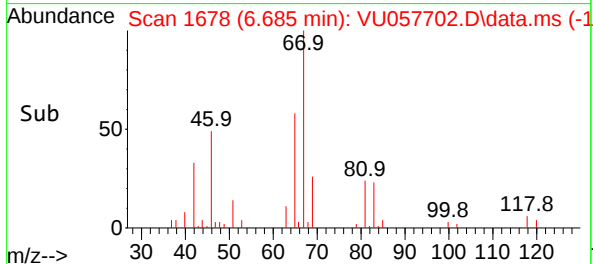
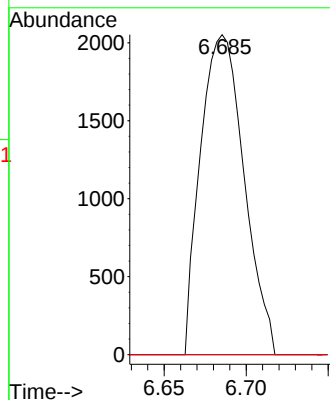
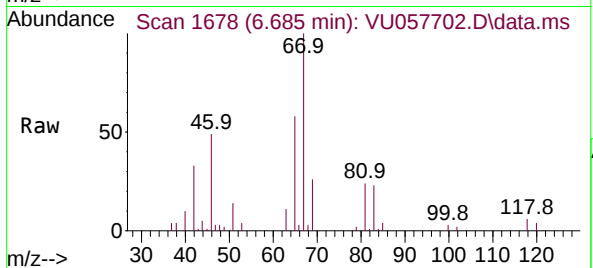
Tgt Ion: 83 Resp: 3787

Ion Ratio Lower Upper

83 100

55 0.0 61.4 92.0#

98 0.0 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.399 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057702.D

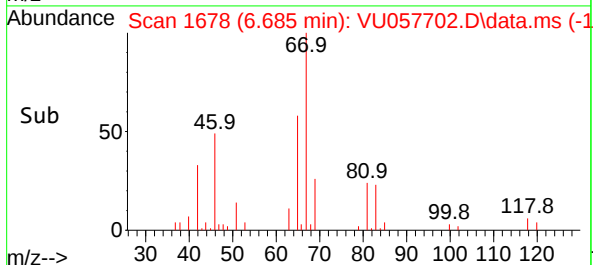
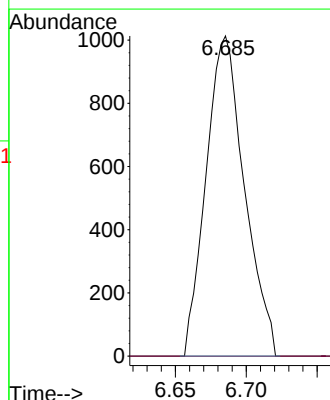
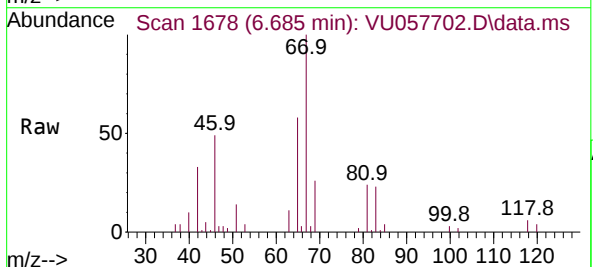
Acq: 26 Jan 2024 19:22

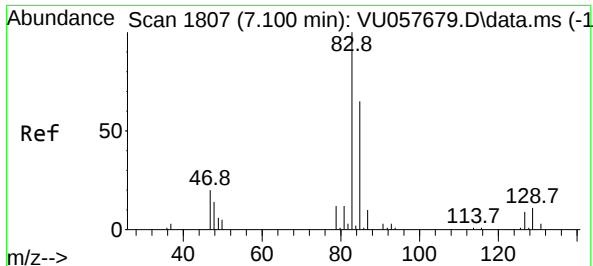
Tgt Ion: 63 Resp: 1910

Ion Ratio Lower Upper

63 100

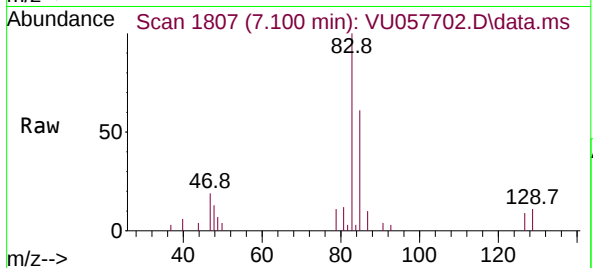
112 0.0 3.0 4.4#



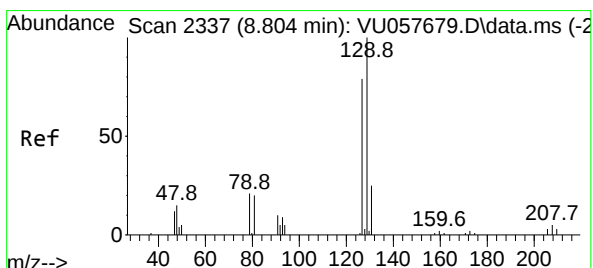
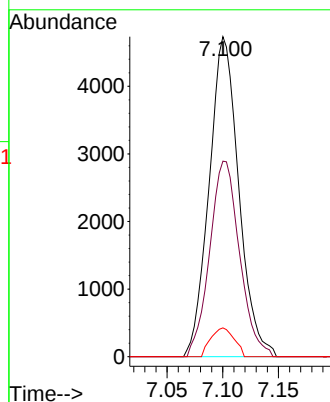
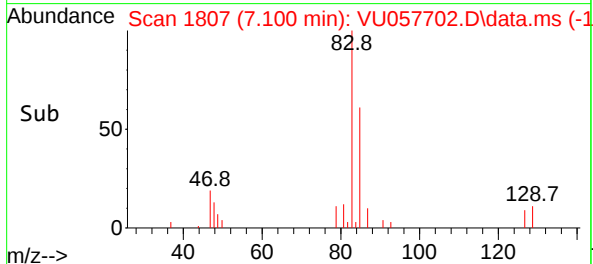


#38
Bromodichloromethane
Concen: 1.361 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057702.D
Acq: 26 Jan 2024 19:22

Instrument :
MSVOA_U
ClientSampleId :

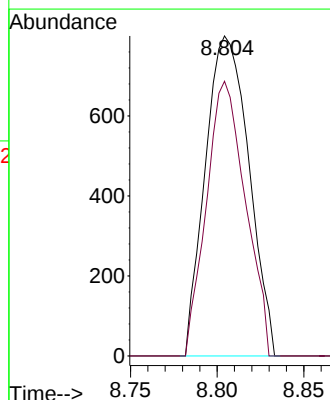
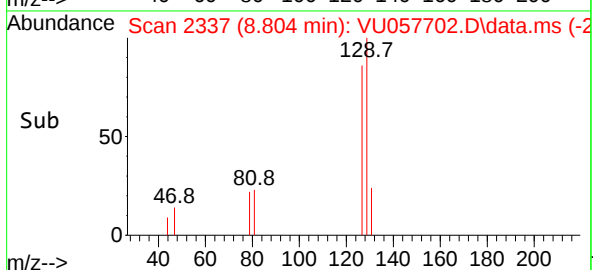
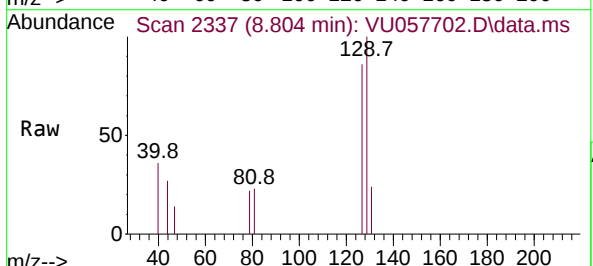


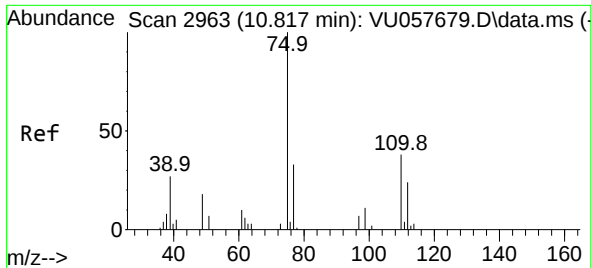
Tgt Ion: 83 Resp: 8769
Ion Ratio Lower Upper
83 100
85 61.1 44.7 83.1
127 9.0 6.4 9.6



#49
Dibromochloromethane
Concen: 0.347 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057702.D
Acq: 26 Jan 2024 19:22

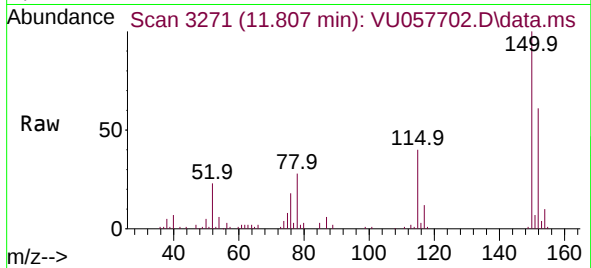
Tgt Ion: 129 Resp: 1398
Ion Ratio Lower Upper
129 100
127 85.9 54.5 101.1





#61
 1,2,3-Trichloropropane
 Concen: 1.318 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057702.D
 Acq: 26 Jan 2024 19:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3287
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.1 45.1#
 77 31.8 25.5 38.3

