

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058033.D
 Acq On : 11 Mar 2024 11:20
 Operator : MD/SY
 Sample : P1636-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:07:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

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

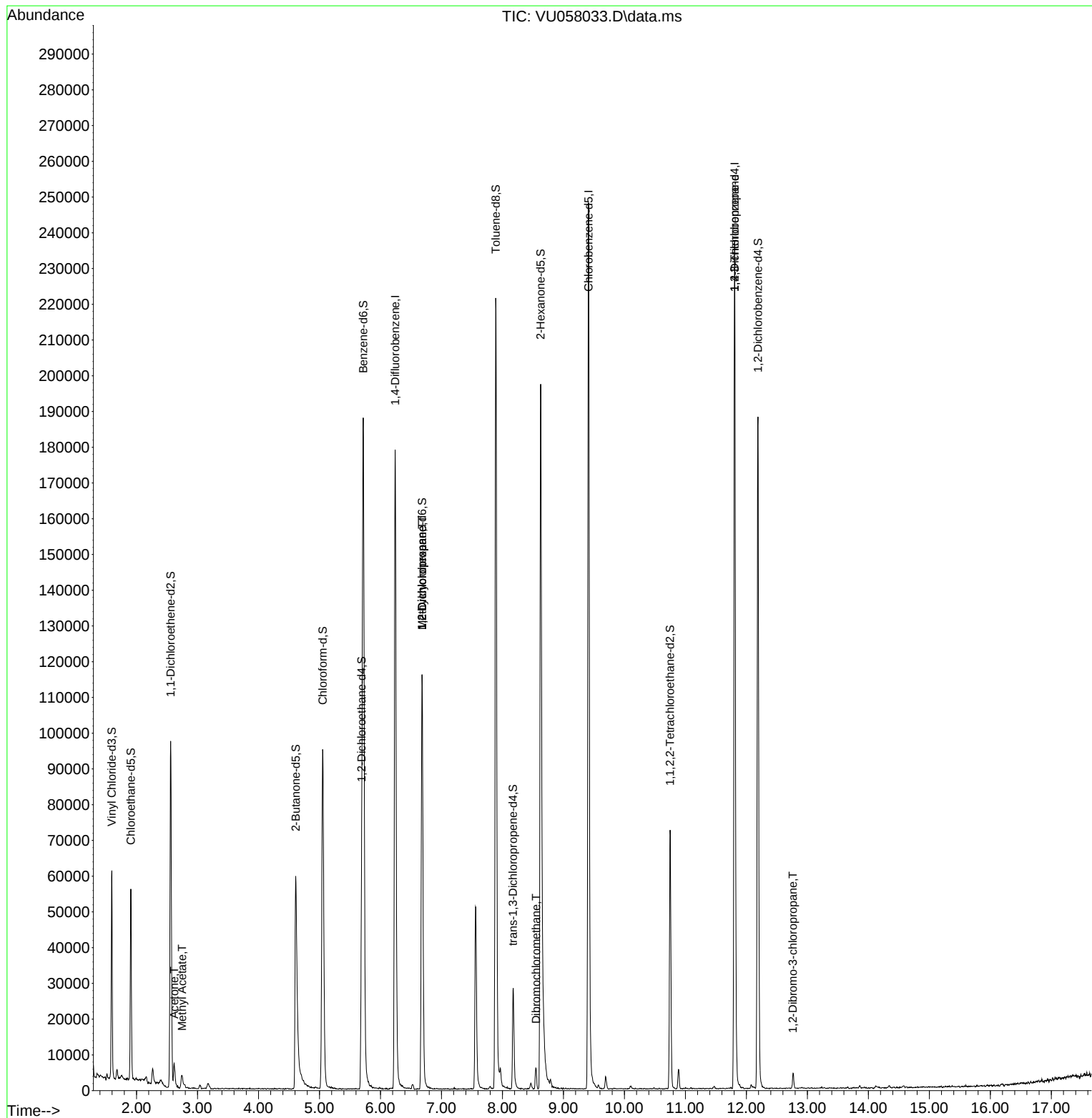
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147215	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39632	3.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.907	69	36783	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	19252	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.611	46	92950	53.261	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.520%
24) Chloroform-d	5.052	84	89450	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	44067	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.717	84	179008	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	57924	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	154081	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	18379	4.372	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.627	63	76573	54.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37461	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	50498	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
13) Acetone	2.618	43	8467	6.519	ug/L	99
15) Methyl Acetate	2.747	43	1795	0.623	ug/L #	49
35) Methylcyclohexane	6.682	83	12910	0.756	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6067	0.556	ug/L #	89
49) Dibromochloromethane	8.553	129	1396	0.182	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8669	1.645	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.759	75	117	0.112	ug/L #	7

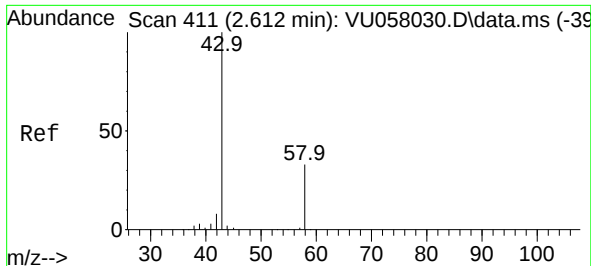
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.519 ug/L

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU058033.D

Acq: 11 Mar 2024 11:20

Instrument :

MSVOA_U

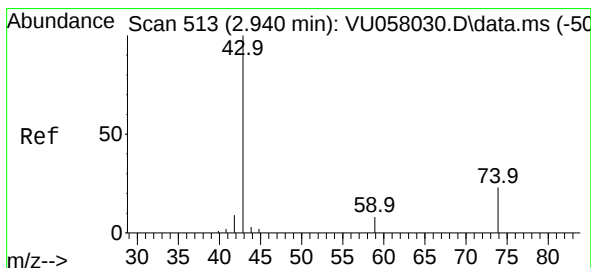
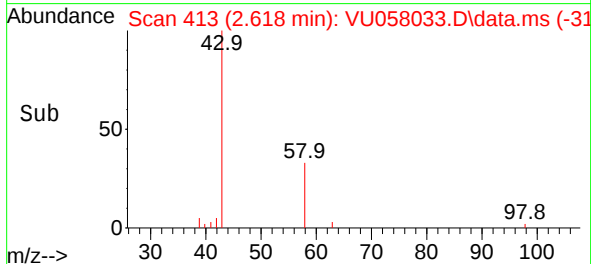
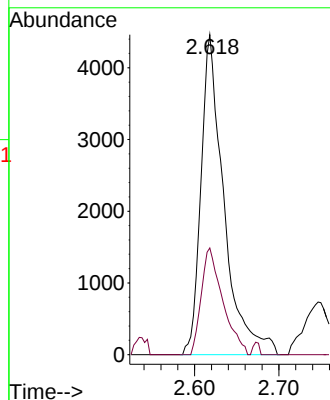
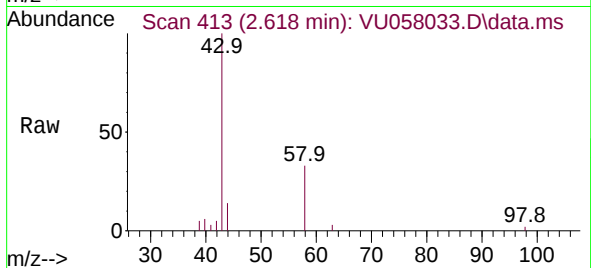
ClientSampleId :

Tgt Ion: 43 Resp: 8467

Ion Ratio Lower Upper

43 100

58 31.1 0.0 63.6



#15

Methyl Acetate

Concen: 0.623 ug/L

RT: 2.747 min Scan# 453

Delta R.T. -0.193 min

Lab File: VU058033.D

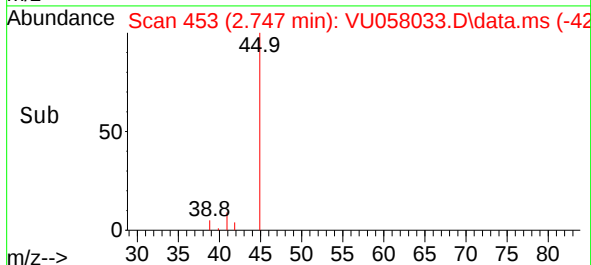
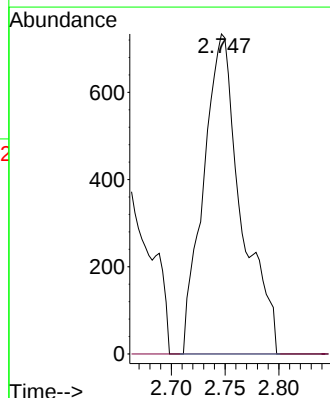
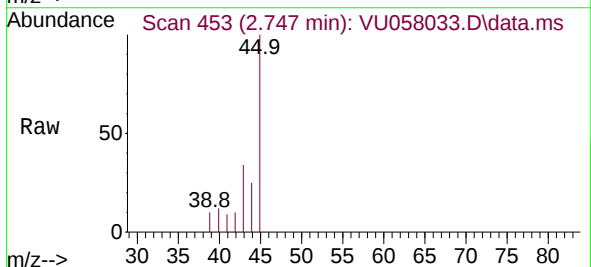
Acq: 11 Mar 2024 11:20

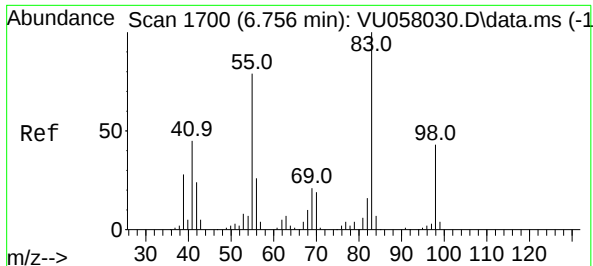
Tgt Ion: 43 Resp: 1795

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#





#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058033.D

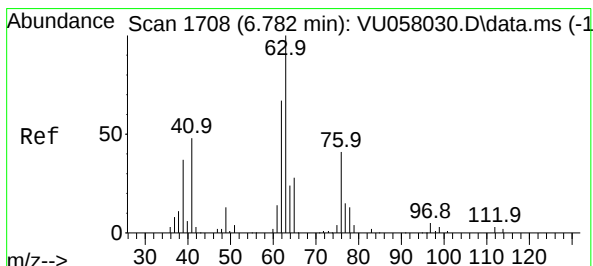
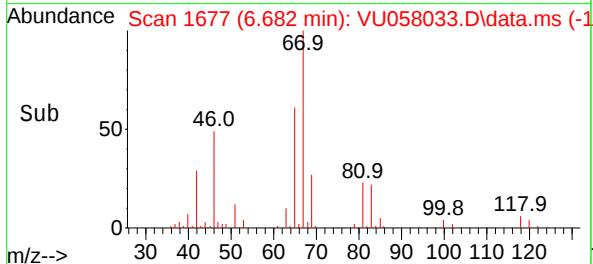
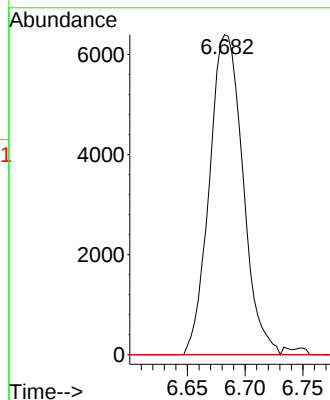
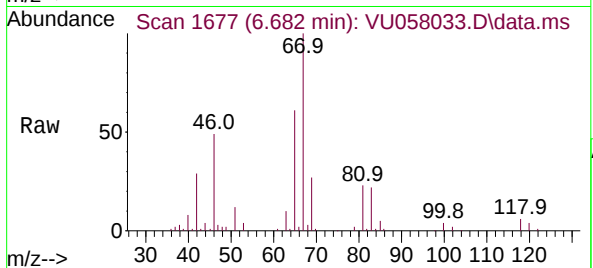
Acq: 11 Mar 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	12910
Ion Ratio	Lower	Upper
83	100	
55	0.0	63.0 94.6#
98	0.4	36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.556 ug/L

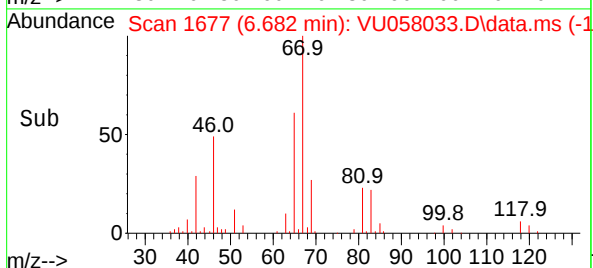
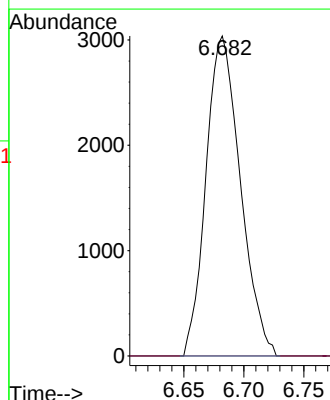
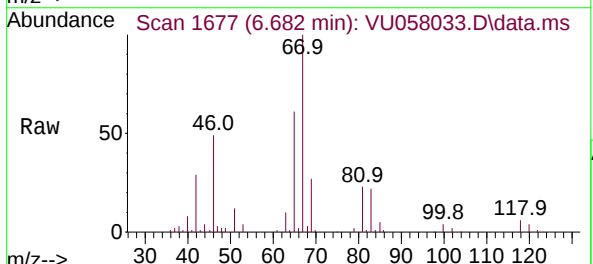
RT: 6.682 min Scan# 1677

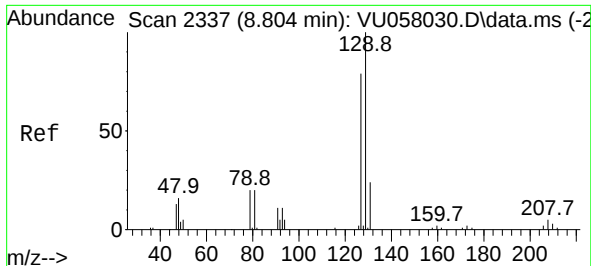
Delta R.T. -0.100 min

Lab File: VU058033.D

Acq: 11 Mar 2024 11:20

Tgt Ion: 63	Resp:	6067
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#





#49

Dibromochloromethane

Concen: 0.182 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU058033.D

Acq: 11 Mar 2024 11:20

Instrument :

MSVOA_U

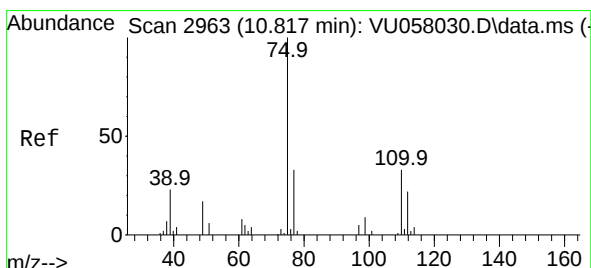
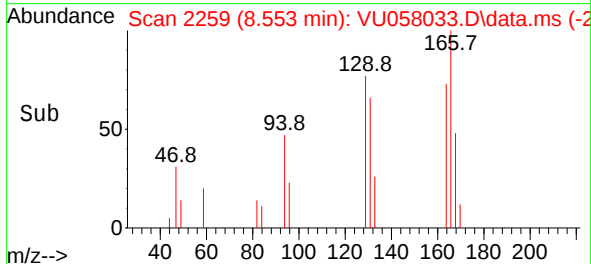
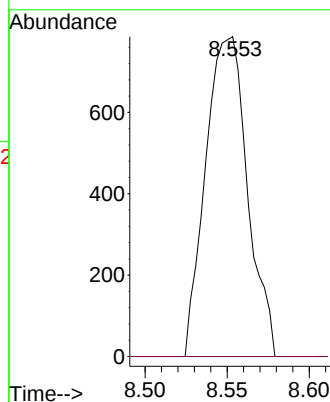
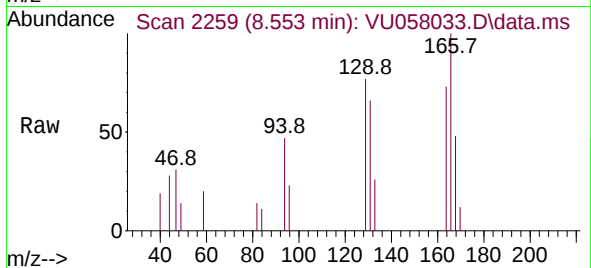
ClientSampleId :

Tgt Ion:129 Resp: 1396

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.645 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058033.D

Acq: 11 Mar 2024 11:20

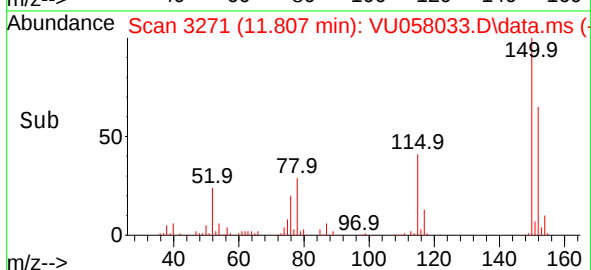
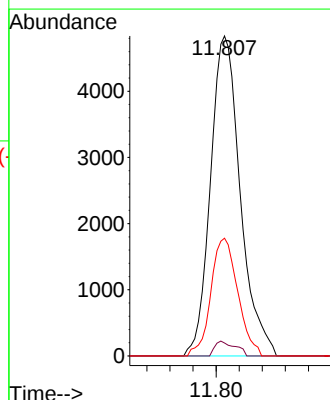
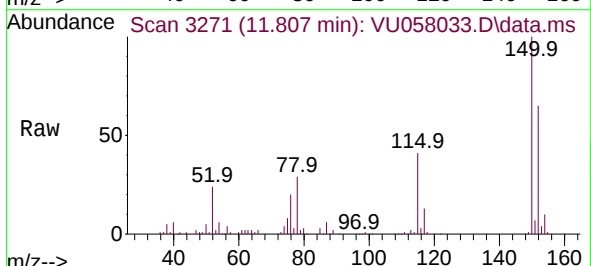
Tgt Ion: 75 Resp: 8669

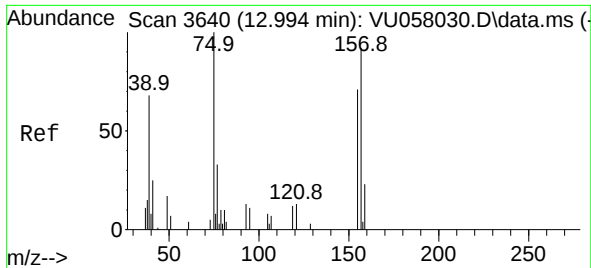
Ion Ratio Lower Upper

75 100

110 3.1 28.0 42.0#

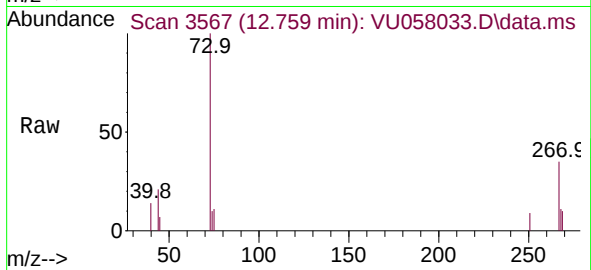
77 33.2 24.7 37.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.112 ug/L
 RT: 12.759 min Scan# 3567
 Delta R.T. -0.235 min
 Lab File: VU058033.D
 Acq: 11 Mar 2024 11:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	117
Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.0	91.6#
157	0.0	74.6	112.0#

