

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058034.D
 Acq On : 11 Mar 2024 11:44
 Operator : MD/SY
 Sample : P1636-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:07:23 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)

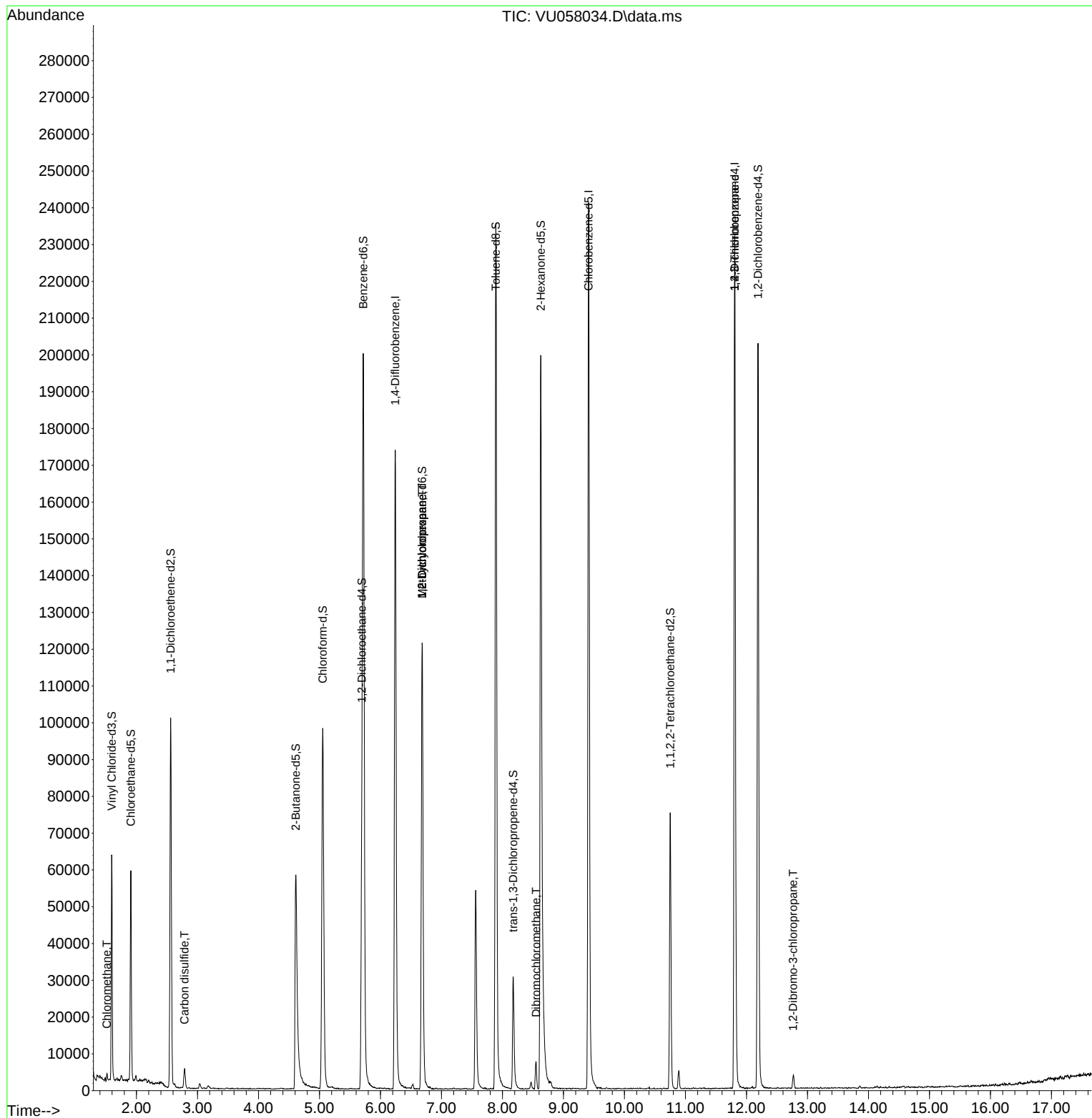
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142119	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43072	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.908	69	40035	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	20235	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.612	46	91904	54.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.100%
24) Chloroform-d	5.052	84	94576	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	46668	5.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.718	84	188160	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	61253	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	163465	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	19177	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.628	63	77106	54.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38450	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	52391	5.207	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1606	0.160	ug/L	93
14) Carbon disulfide	2.789	76	7061	0.266	ug/L #	93
35) Methylcyclohexane	6.682	83	13433	0.790	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6636	0.611	ug/L #	89
49) Dibromochloromethane	8.550	129	1563	0.205	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8751	1.749	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.766	75	84	0.085	ug/L #	7

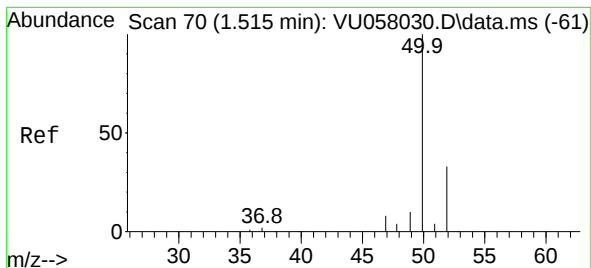
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058034.D

Acq: 11 Mar 2024 11:44

Instrument :

MSVOA_U

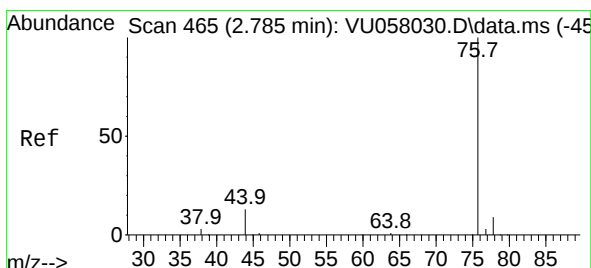
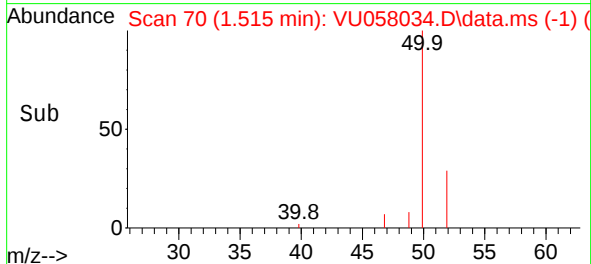
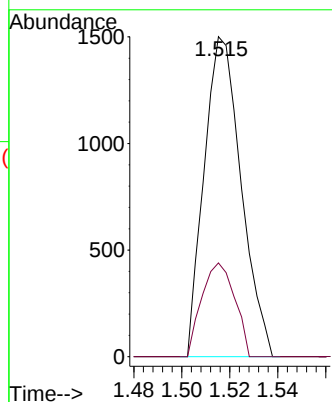
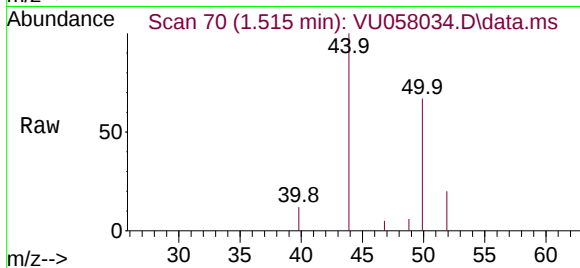
ClientSampleId :

Tgt Ion: 50 Resp: 1606

Ion Ratio Lower Upper

50 100

52 29.3 23.1 42.9



#14

Carbon disulfide

Concen: 0.266 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058034.D

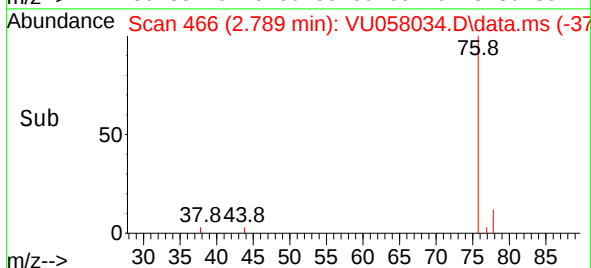
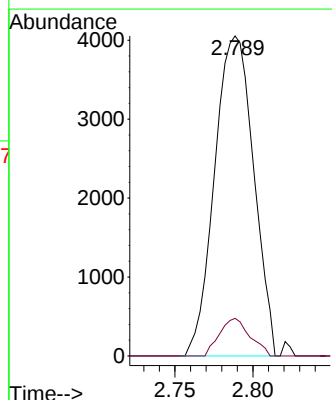
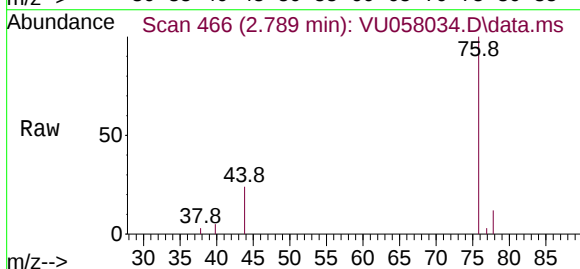
Acq: 11 Mar 2024 11:44

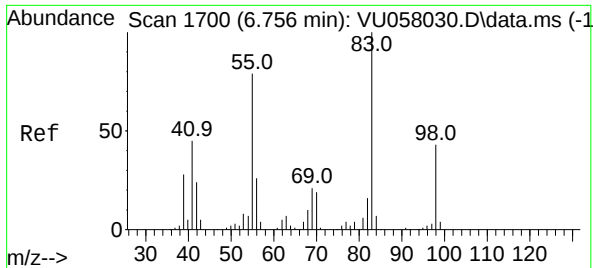
Tgt Ion: 76 Resp: 7061

Ion Ratio Lower Upper

76 100

78 11.7 7.3 10.9#





#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058034.D

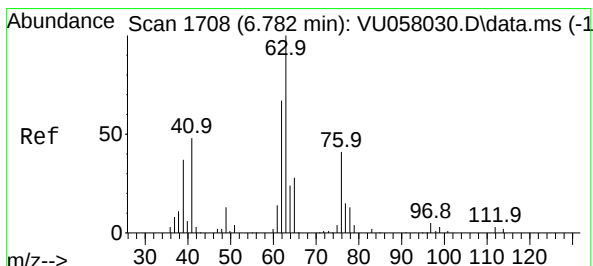
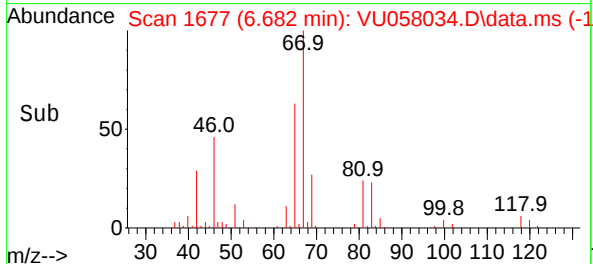
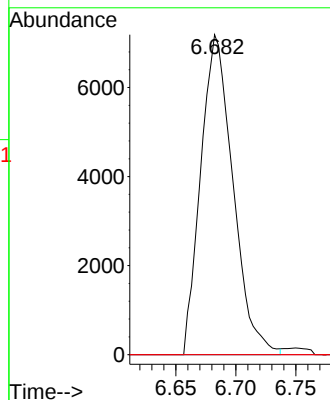
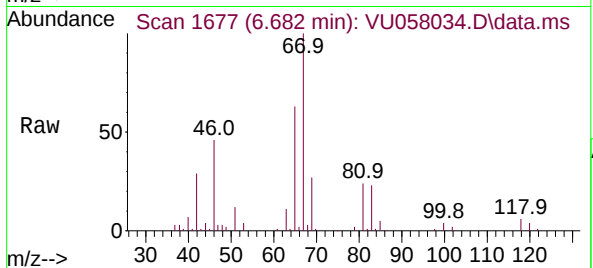
Acq: 11 Mar 2024 11:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13433
Ion Ratio	Lower Upper
83 100	
55 0.0	63.0 94.6#
98 0.9	36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

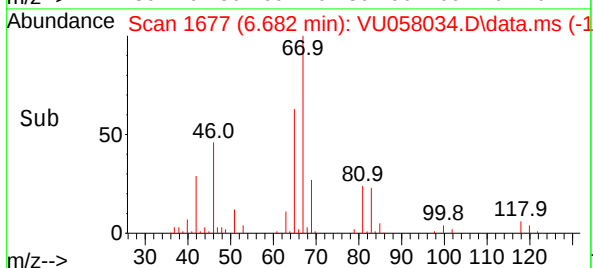
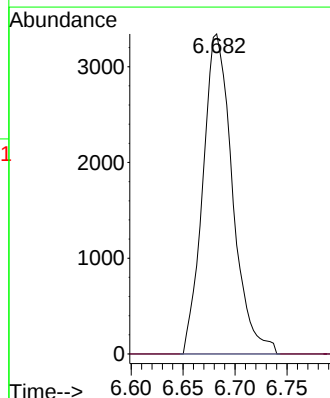
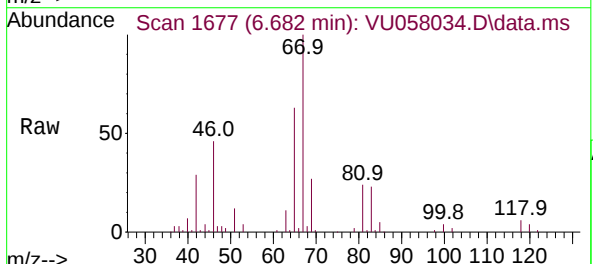
RT: 6.682 min Scan# 1677

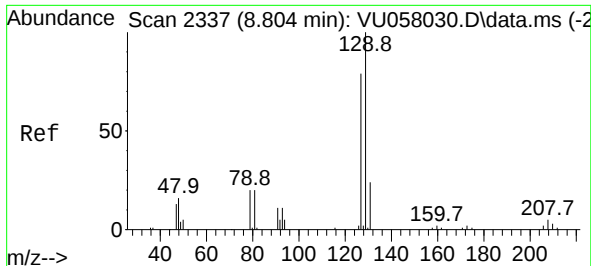
Delta R.T. -0.100 min

Lab File: VU058034.D

Acq: 11 Mar 2024 11:44

Tgt Ion: 63	Resp: 6636
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#49

Dibromochloromethane

Concen: 0.205 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058034.D

Acq: 11 Mar 2024 11:44

Instrument :

MSVOA_U

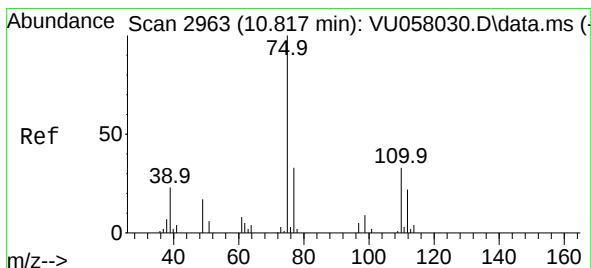
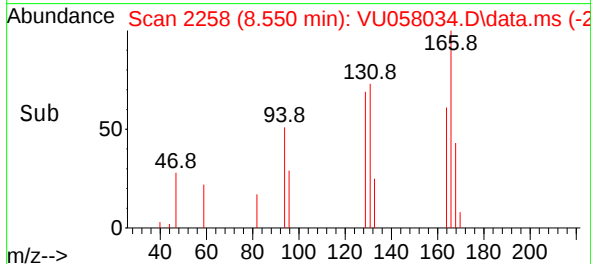
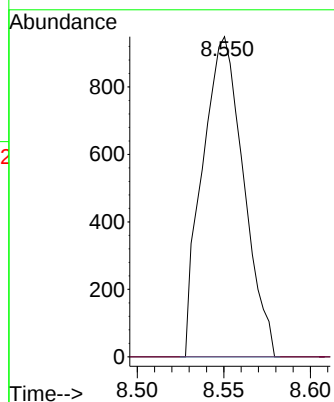
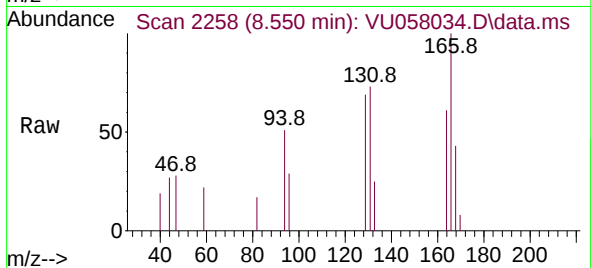
ClientSampleId :

Tgt Ion:129 Resp: 1563

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.749 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058034.D

Acq: 11 Mar 2024 11:44

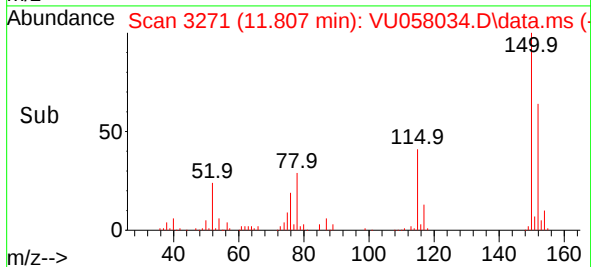
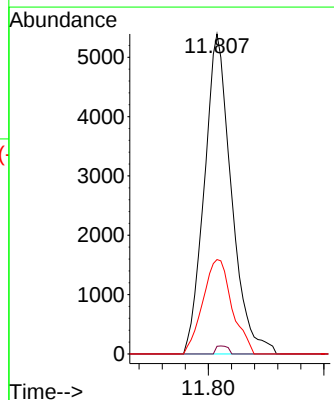
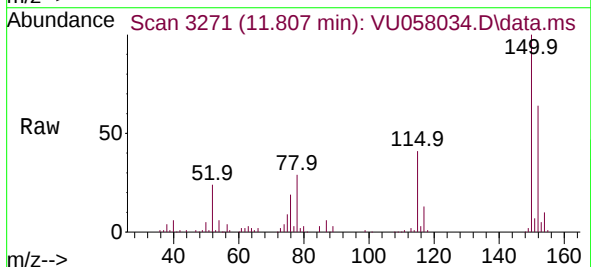
Tgt Ion: 75 Resp: 8751

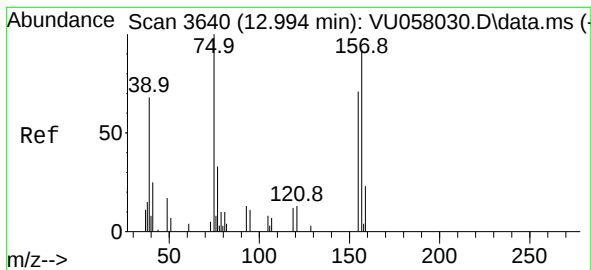
Ion Ratio Lower Upper

75 100

110 1.1 28.0 42.0#

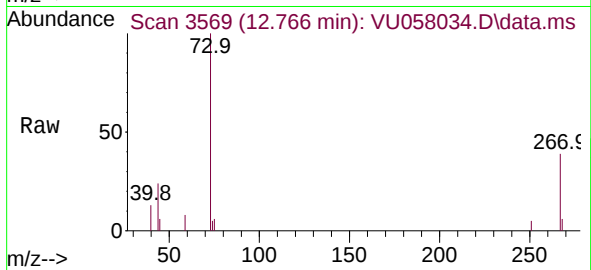
77 31.8 24.7 37.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.085 ug/L
 RT: 12.766 min Scan# 3569
 Delta R.T. -0.228 min
 Lab File: VU058034.D
 Acq: 11 Mar 2024 11:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 84
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 74.6 112.0#

