

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058013.D
 Acq On : 08 Mar 2024 13:34
 Operator : MD/SY
 Sample : P1636-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

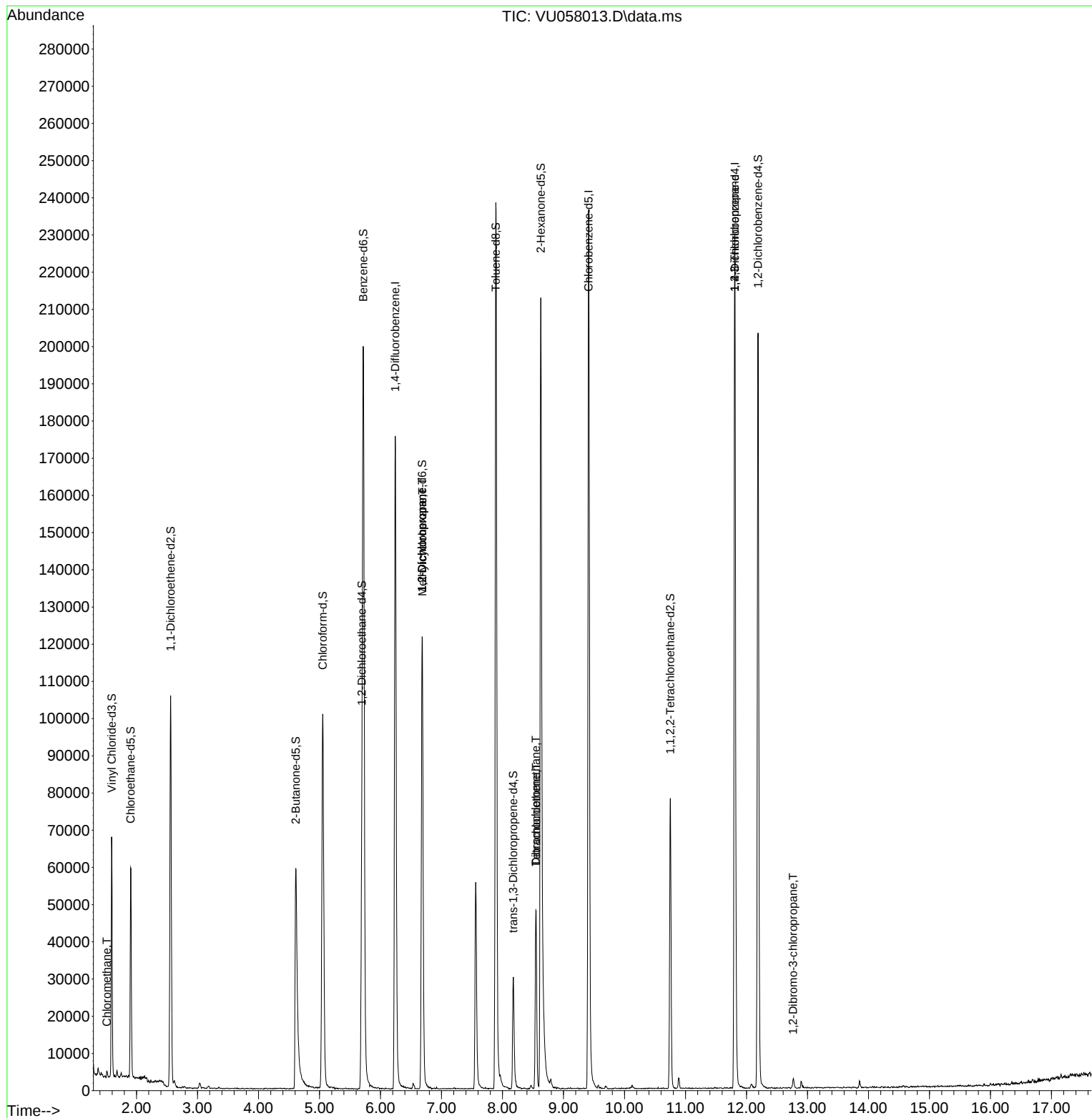
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142256	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	61463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45136	4.410	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.904	69	40146	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	21144	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.611	46	99173	58.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.620%
24) Chloroform-d	5.052	84	97027	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	46934	5.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.717	84	188365	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	61432	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.891	98	165555	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	18637	4.587	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	78767	57.747	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39581	5.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	53248	5.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1224	0.121	ug/L	93
35) Methylcyclohexane	6.685	83	12928	0.783	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6729	0.638	ug/L #	89
47) Tetrachloroethene	8.550	164	10108	1.353	ug/L	96
49) Dibromochloromethane	8.547	129	10792	1.457	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8757	1.739	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.765	75	70	0.070	ug/L #	7

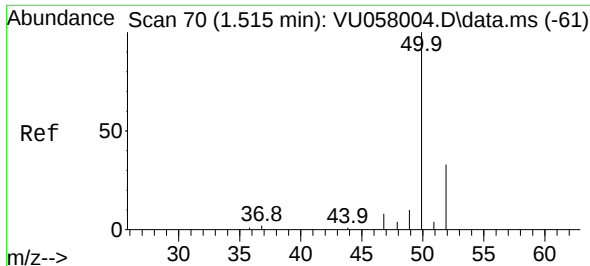
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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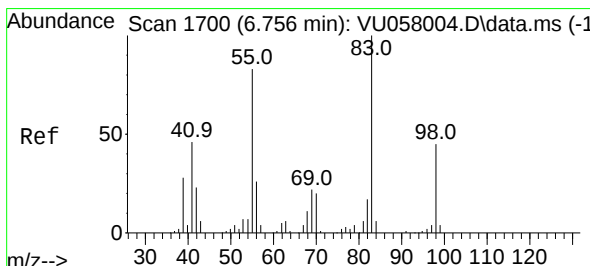
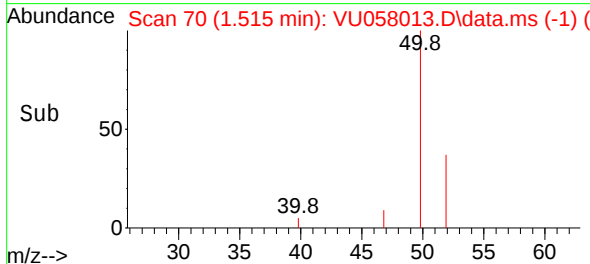
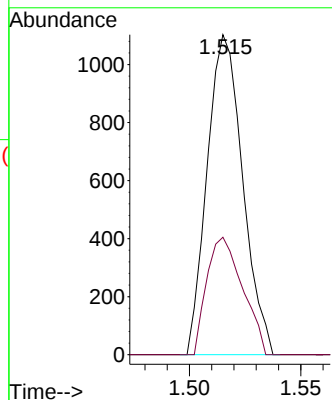
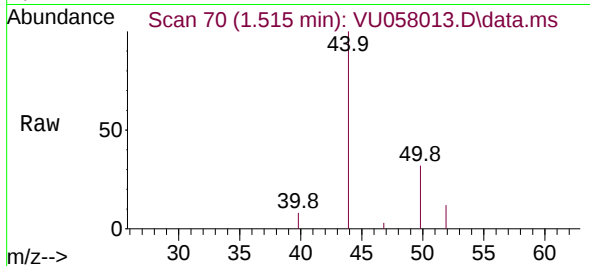




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058013.D
Acq: 08 Mar 2024 13:34

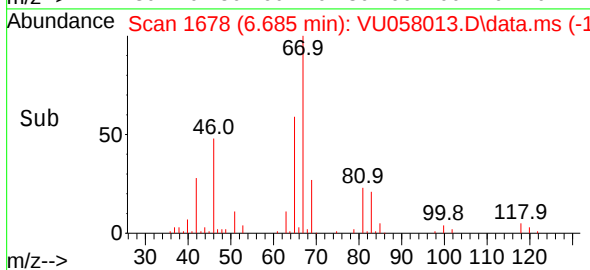
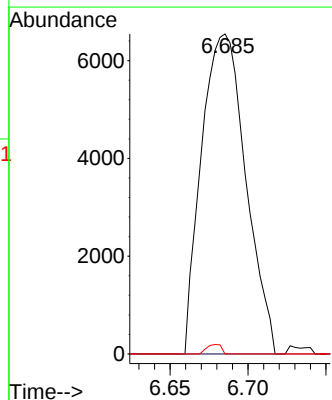
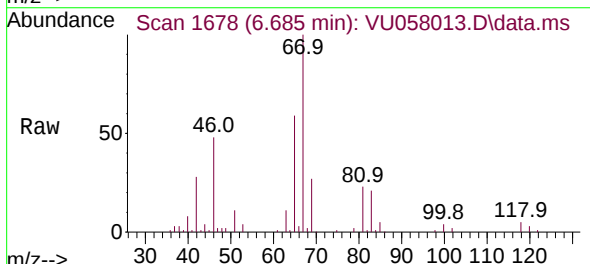
Instrument :
MSVOA_U
ClientSampleId :

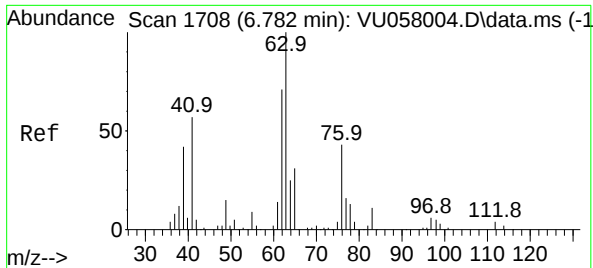
Tgt Ion: 50 Resp: 1224
Ion Ratio Lower Upper
50 100
52 36.7 23.1 42.9



#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058013.D
Acq: 08 Mar 2024 13:34

Tgt Ion: 83 Resp: 12928
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.6#
98 1.0 36.2 54.4#

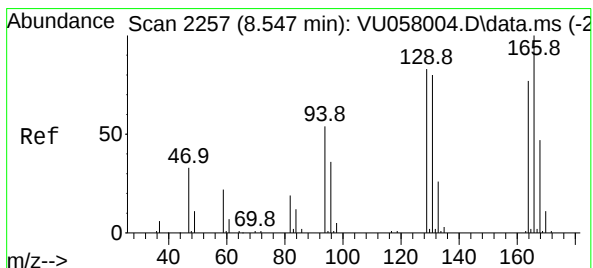
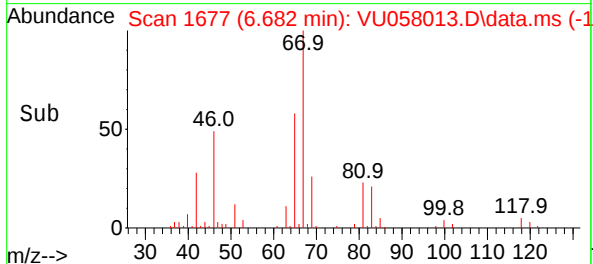
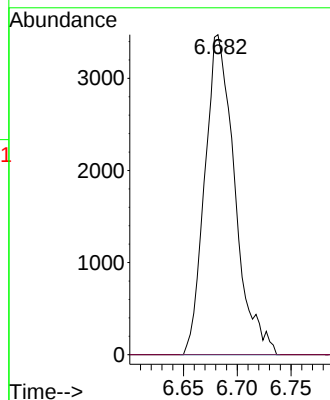
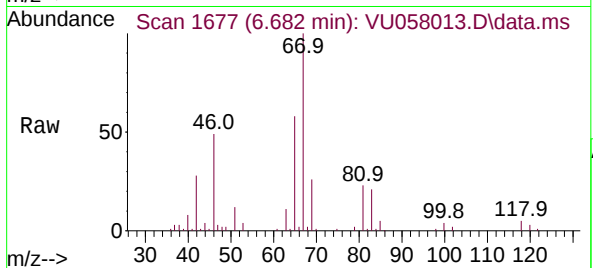




#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058013.D
Acq: 08 Mar 2024 13:34

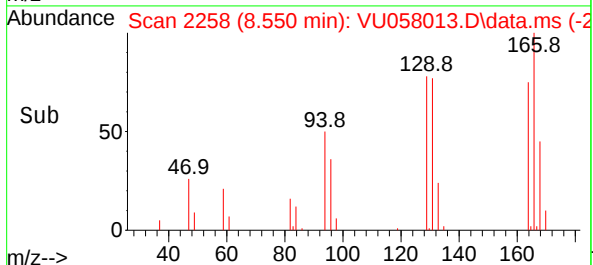
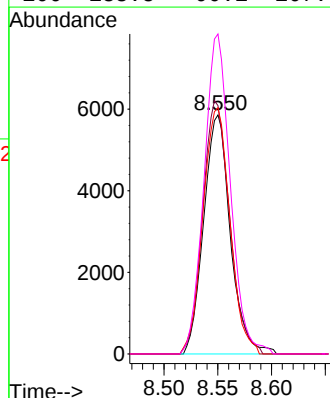
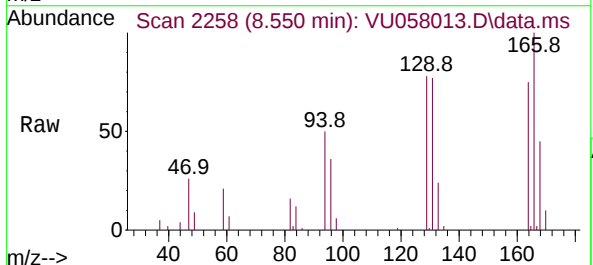
Instrument :
MSVOA_U
ClientSampleId :

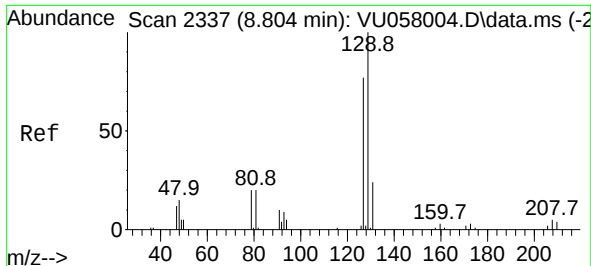
Tgt Ion: 63 Resp: 6729
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 1.353 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058013.D
Acq: 08 Mar 2024 13:34

Tgt Ion:164 Resp: 10108
Ion Ratio Lower Upper
164 100
129 103.8 69.3 128.7
131 103.0 69.9 129.9
166 133.8 90.1 167.3





#49

Dibromochloromethane

Concen: 1.457 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058013.D

Acq: 08 Mar 2024 13:34

Instrument :

MSVOA_U

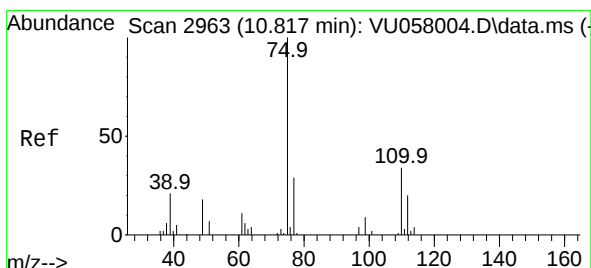
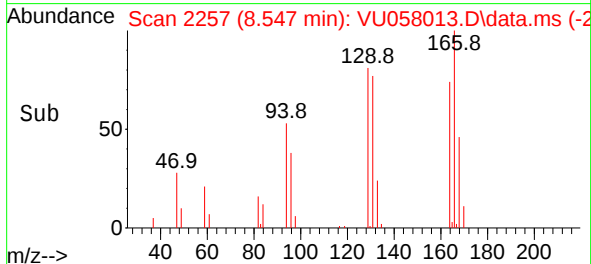
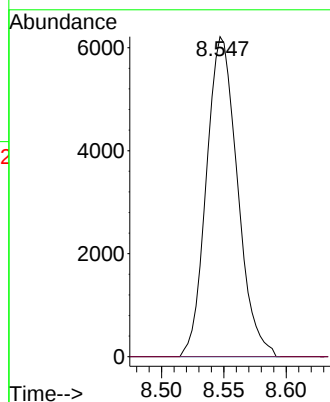
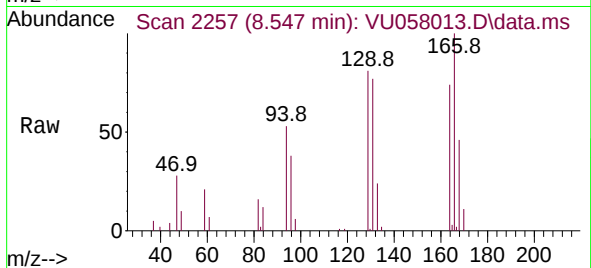
ClientSampleId :

Tgt Ion:129 Resp: 10792

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.739 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058013.D

Acq: 08 Mar 2024 13:34

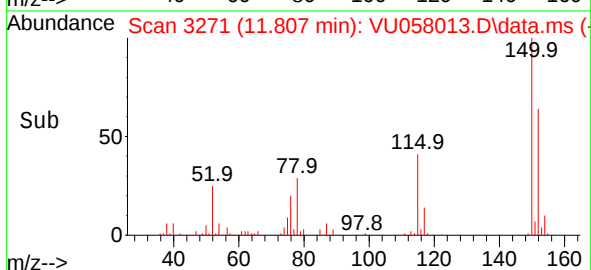
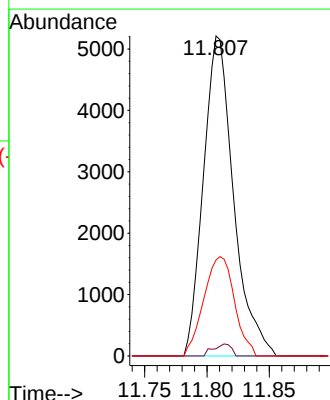
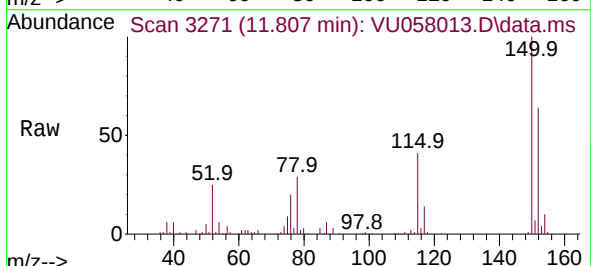
Tgt Ion: 75 Resp: 8757

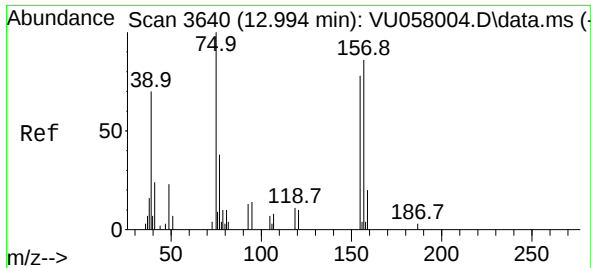
Ion Ratio Lower Upper

75 100

110 2.2 28.0 42.0#

77 31.6 24.7 37.1





#68

1,2-Dibromo-3-chloropropane

Concen: 0.070 ug/L

RT: 12.765 min Scan# 3569

Delta R.T. -0.228 min

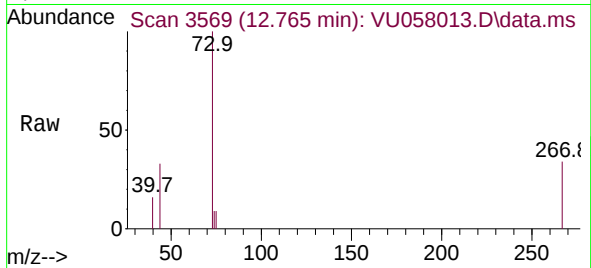
Lab File: VU058013.D

Acq: 08 Mar 2024 13:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 0.0 74.6 112.0#

