

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057616.D
 Acq On : 24 Jan 2024 14:09
 Operator : MD/SY
 Sample : P1228-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

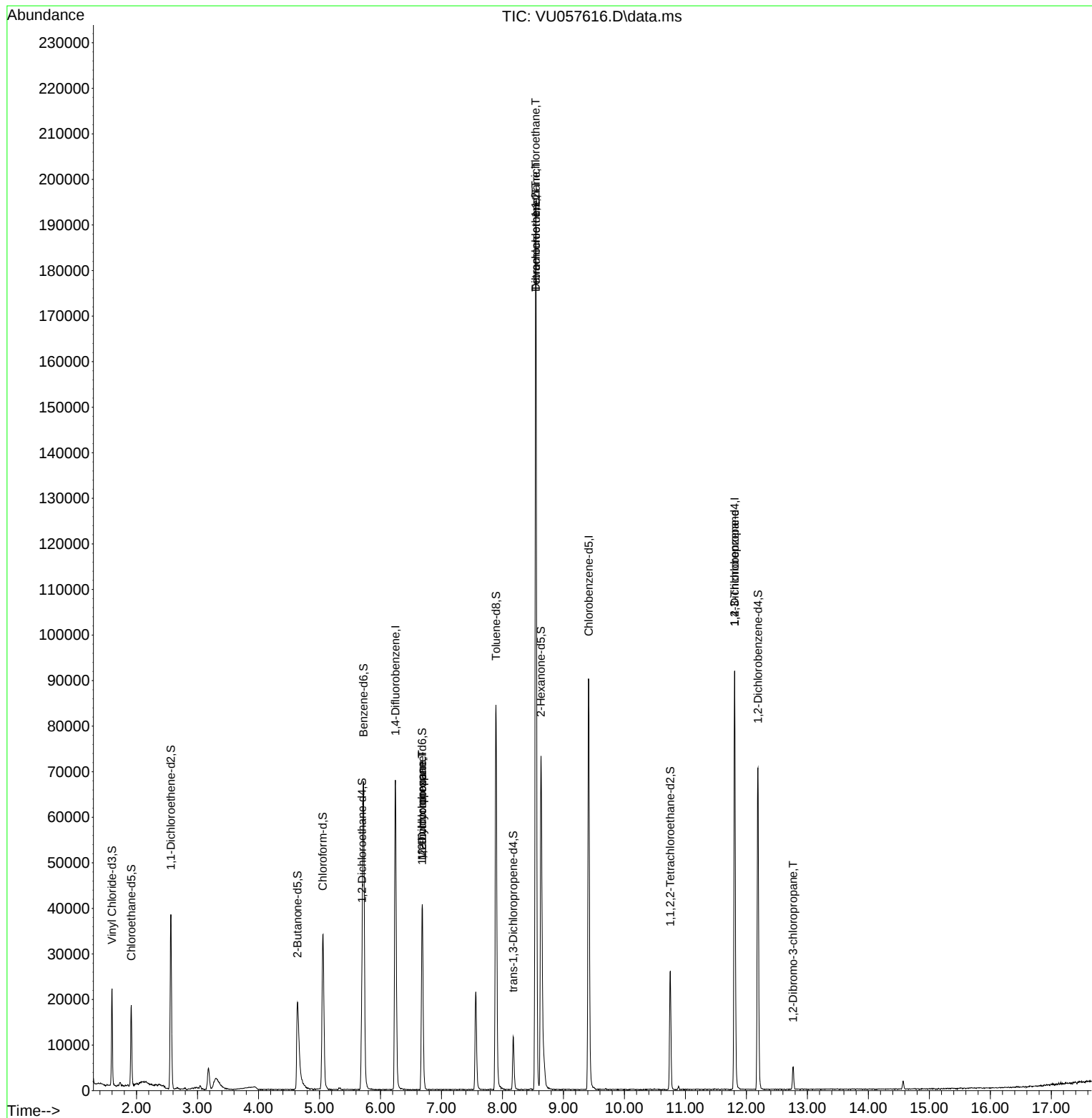
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	57322	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	51697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	15246	4.827	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.914	69	13152	4.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.400%	
11) 1,1-Dichloroethene-d2	2.563	65	7228	4.867	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5	4.640	46	35085	58.887	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.780%	
24) Chloroform-d	5.055	84	32735	5.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.698	65	15687	5.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.721	84	63779	5.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
36) 1,2-Dichloropropane-d6	6.685	67	19728	5.394	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.800%	
41) Toluene-d8	7.894	98	59264	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
43) trans-1,3-Dichloroprop...	8.177	79	7454	5.113	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.631	63	26498	56.973	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.940%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13038	5.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	18661	5.441	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4416	0.559	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2221	0.501	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	311	0.108	ug/L #	1
47) Tetrachloroethene	8.547	164	40861	11.375	ug/L	98
49) Dibromochloromethane	8.547	129	40686	10.889	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3149	1.284	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.765	75	84	0.182	ug/L #	5

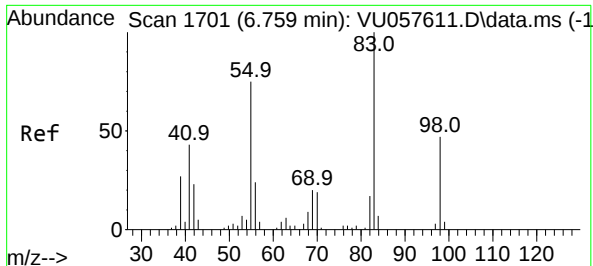
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.559 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057616.D

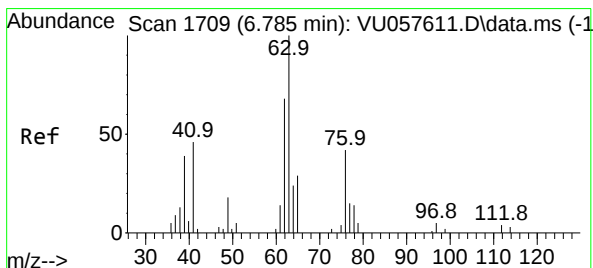
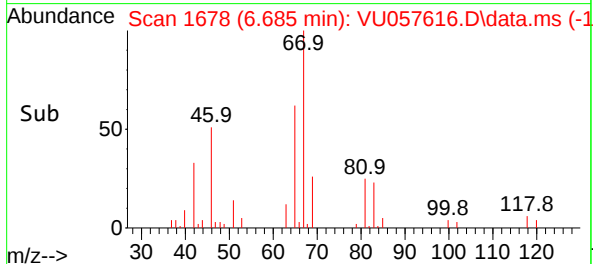
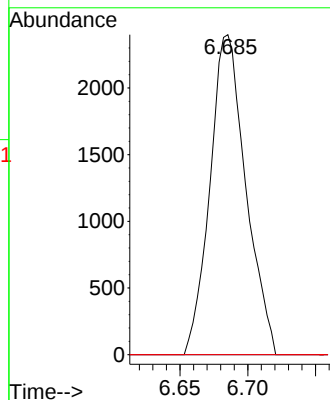
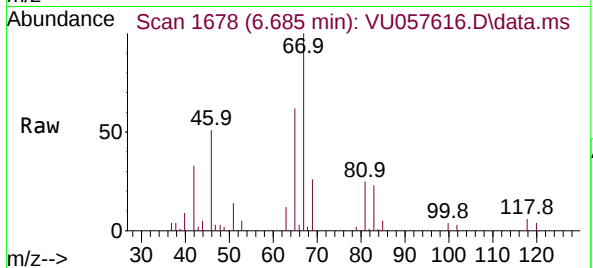
Acq: 24 Jan 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 4416
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: 0.501 ug/L

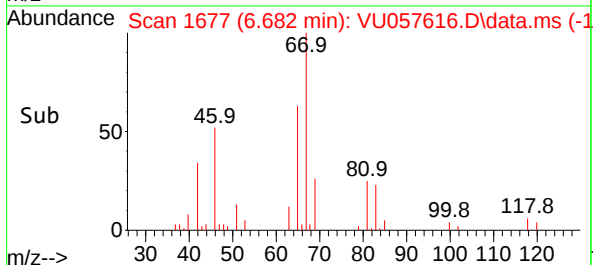
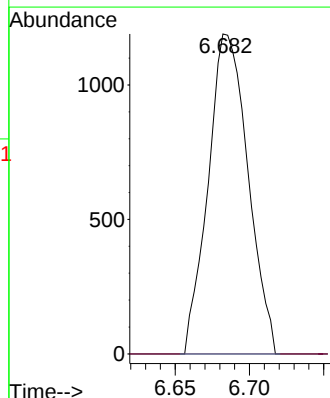
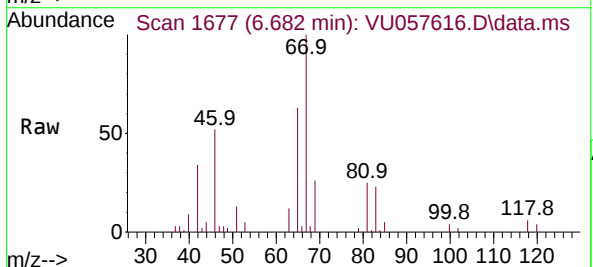
RT: 6.682 min Scan# 1677

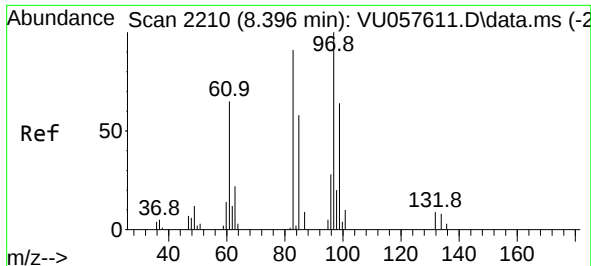
Delta R.T. -0.103 min

Lab File: VU057616.D

Acq: 24 Jan 2024 14:09

Tgt Ion: 63	Resp: 2221
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.108 ug/L

RT: 8.544 min Scan# 21

Delta R.T. 0.148 min

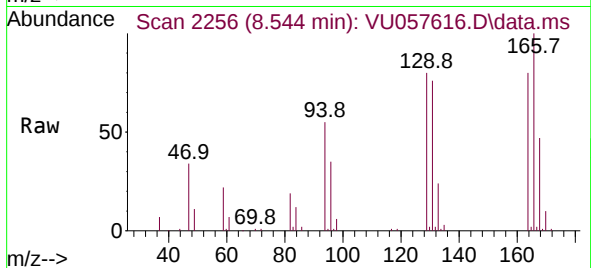
Lab File: VU057616.D

Acq: 24 Jan 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 311

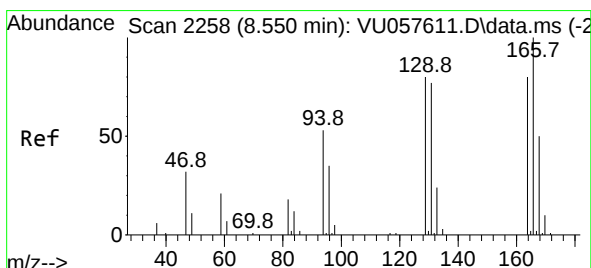
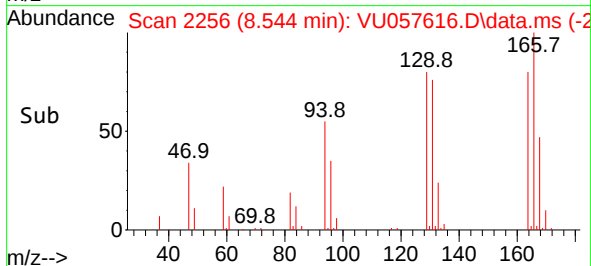
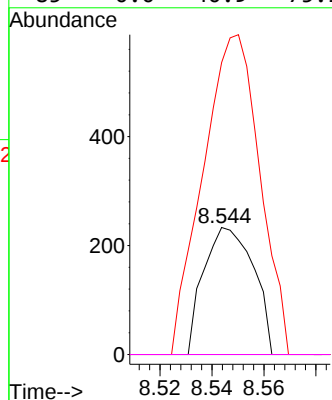
Ion Ratio Lower Upper

97 100

99 0.0 45.1 83.7#

83 230.0 62.3 115.7#

85 0.0 40.9 75.9#



#47

Tetrachloroethene

Concen: 11.375 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057616.D

Acq: 24 Jan 2024 14:09

Tgt Ion:164 Resp: 40861

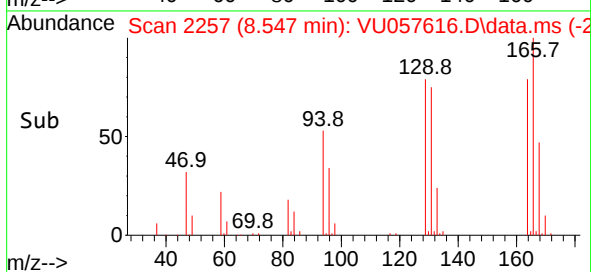
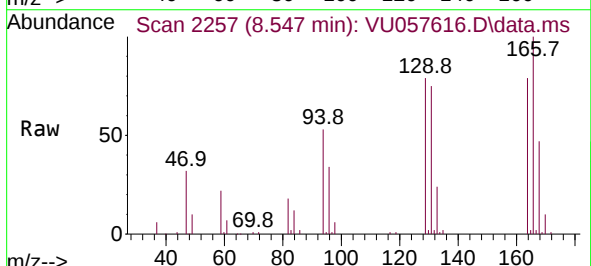
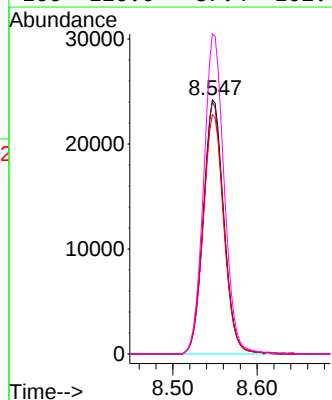
Ion Ratio Lower Upper

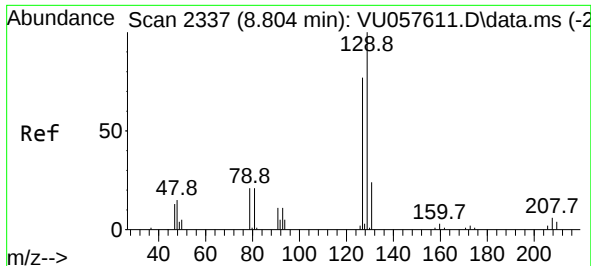
164 100

129 99.4 71.3 132.5

131 94.1 68.1 126.5

166 126.0 87.4 162.4





#49

Dibromochloromethane

Concen: 10.889 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU057616.D

Acq: 24 Jan 2024 14:09

Instrument :

MSVOA_U

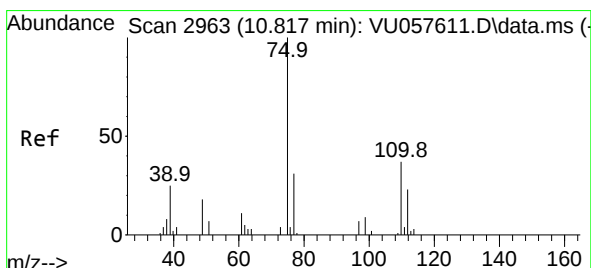
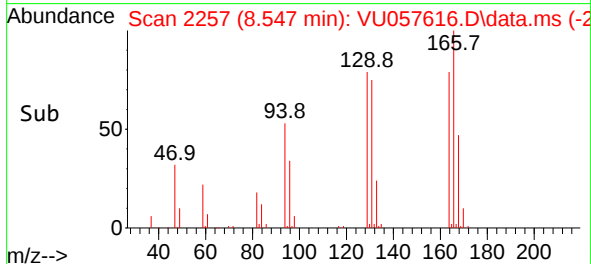
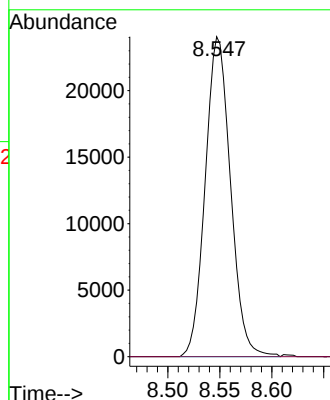
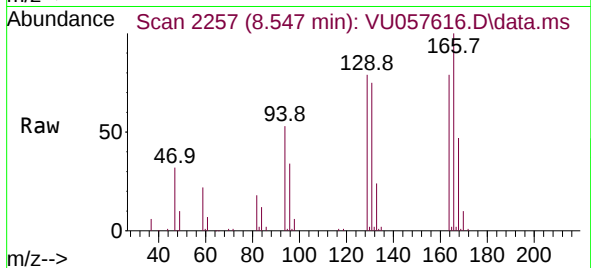
ClientSampleId :

Tgt Ion:129 Resp: 40686

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.284 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057616.D

Acq: 24 Jan 2024 14:09

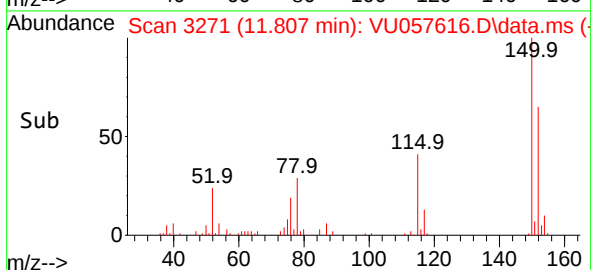
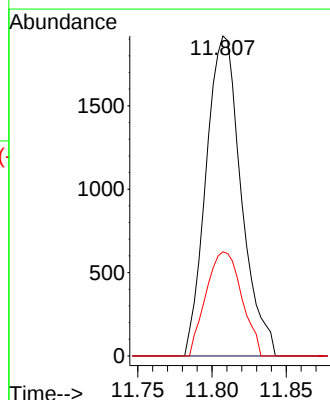
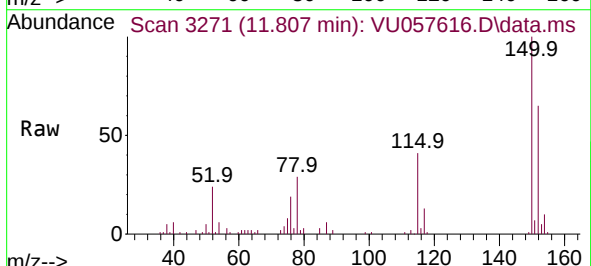
Tgt Ion: 75 Resp: 3149

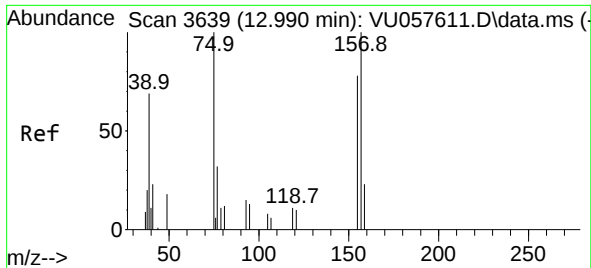
Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

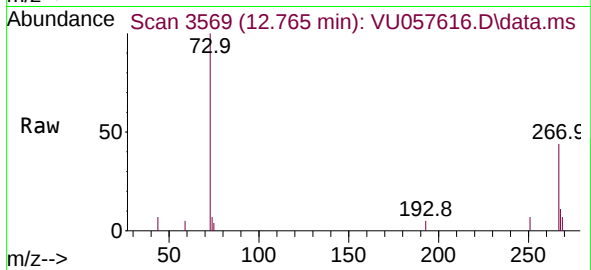
77 33.1 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.182 ug/L
 RT: 12.765 min Scan# 31
 Delta R.T. -0.225 min
 Lab File: VU057616.D
 Acq: 24 Jan 2024 14:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 84
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

