

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057622.D
 Acq On : 24 Jan 2024 16:32
 Operator : MD/SY
 Sample : P1228-07DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:55:09 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)

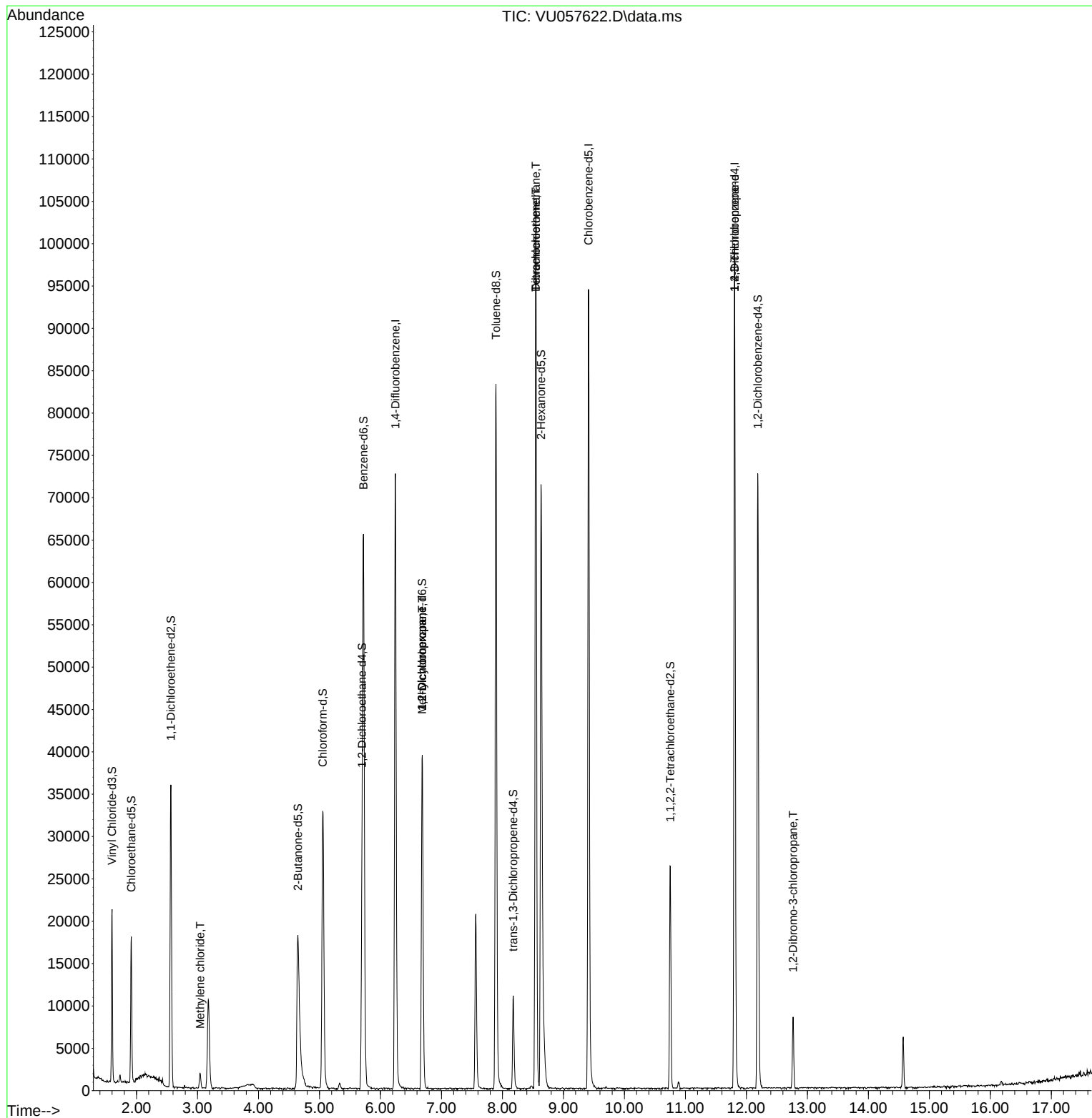
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	60020	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	14587	4.411	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.914	69	12537	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.563	65	6906	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.647	46	33716	54.045	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	5.055	84	30919	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.698	65	15349	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	62555	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	19152	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.894	98	56766	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	7047	4.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.634	63	25644	52.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13185	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	19578	5.251	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	901	0.192	ug/L	88
35) Methylcyclohexane	6.682	83	4500	0.543	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2098	0.451	ug/L #	89
47) Tetrachloroethene	8.547	164	22079	5.859	ug/L	99
49) Dibromochloromethane	8.547	129	22372	5.708	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3207	1.203	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.765	75	190	0.378	ug/L #	5

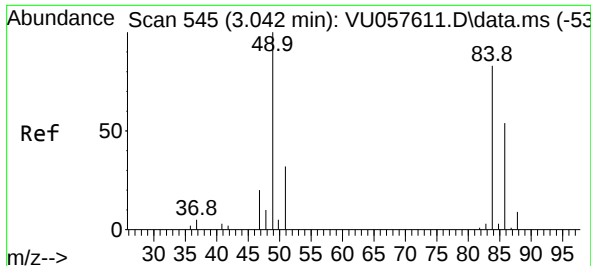
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

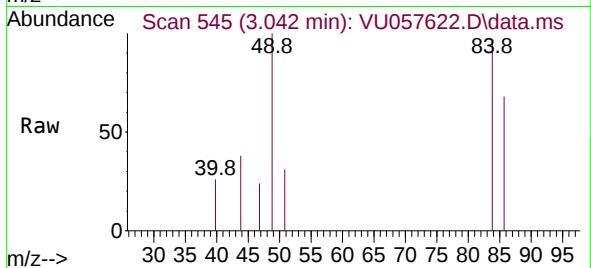
Quant Time: Jan 25 01:55:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
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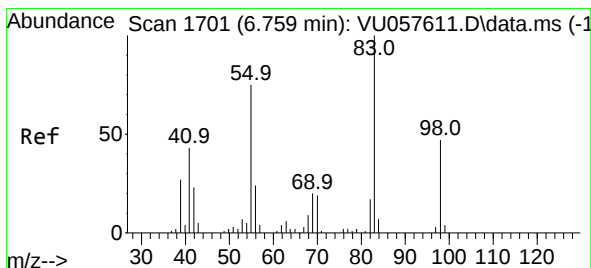
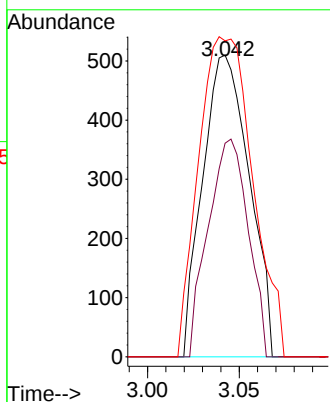
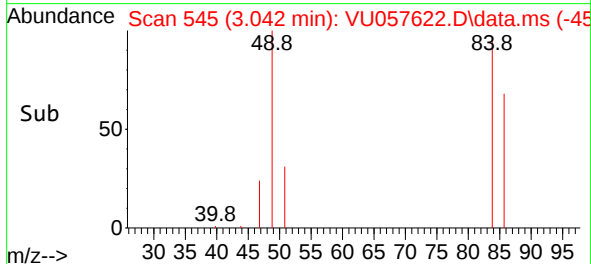


#16
Methylene chloride
Concen: 0.192 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU057622.D
Acq: 24 Jan 2024 16:32

Instrument :
MSVOA_U
ClientSampleId :

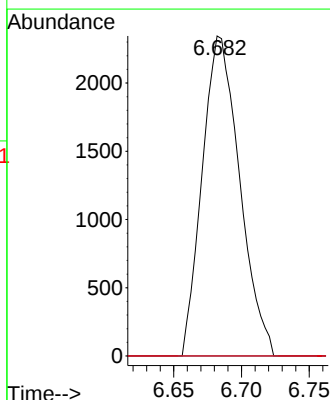
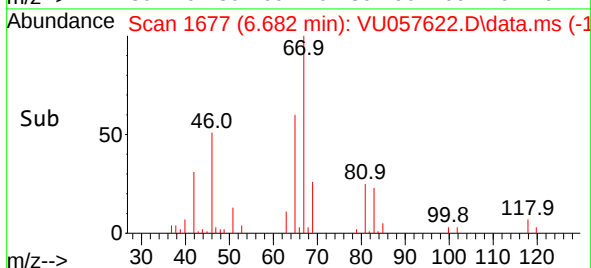
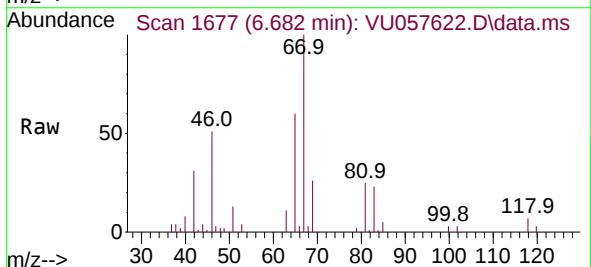


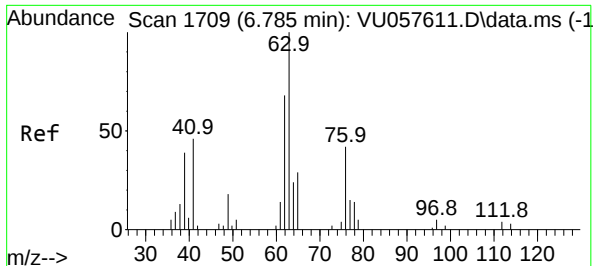
Tgt Ion: 84 Resp: 901
Ion Ratio Lower Upper
84 100
86 70.8 43.5 80.9
49 104.7 82.5 153.1



#35
Methylcyclohexane
Concen: 0.543 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057622.D
Acq: 24 Jan 2024 16:32

Tgt Ion: 83 Resp: 4500
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: 0.451 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057622.D

Acq: 24 Jan 2024 16:32

Instrument :

MSVOA_U

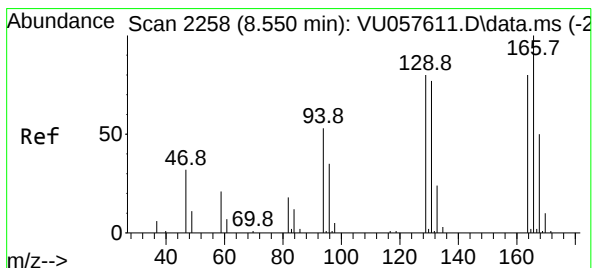
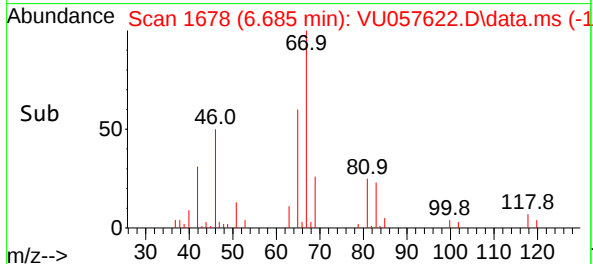
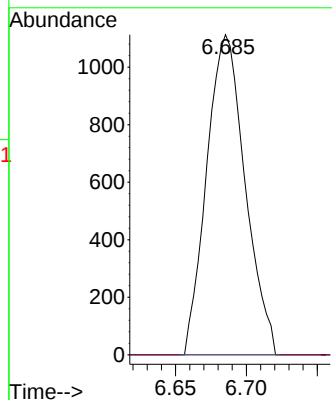
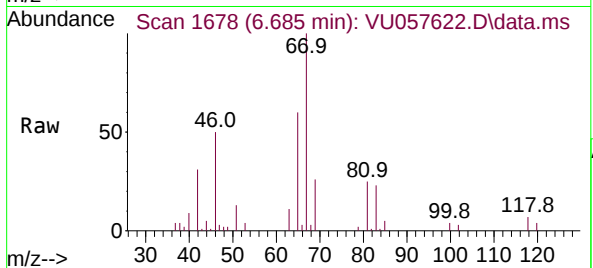
ClientSampleId :

Tgt Ion: 63 Resp: 2098

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 5.859 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057622.D

Acq: 24 Jan 2024 16:32

Tgt Ion: 164 Resp: 22079

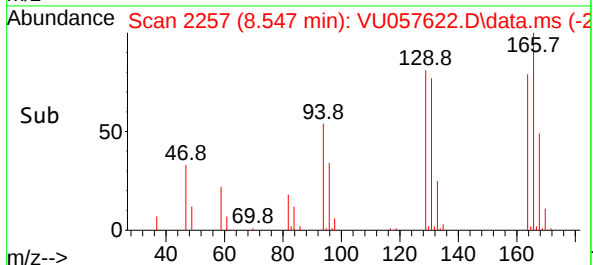
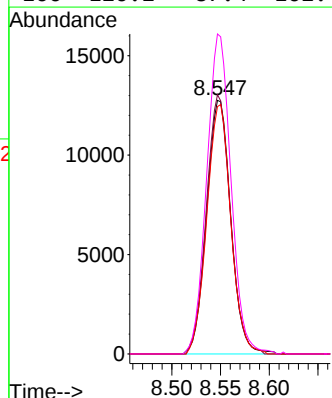
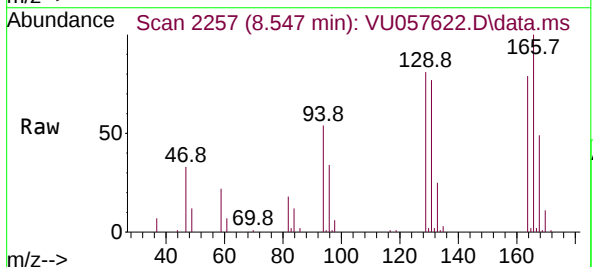
Ion Ratio Lower Upper

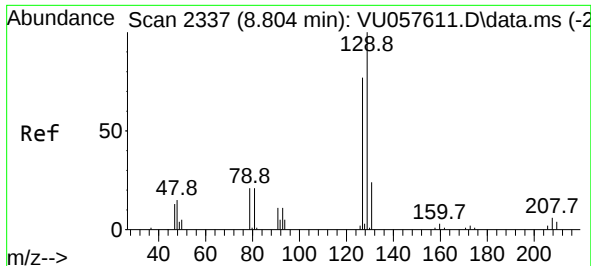
164 100

129 102.2 71.3 132.5

131 97.5 68.1 126.5

166 126.2 87.4 162.4





#49

Dibromochloromethane

Concen: 5.708 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057622.D

Acq: 24 Jan 2024 16:32

Instrument :

MSVOA_U

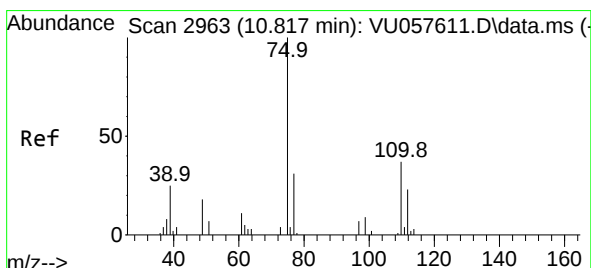
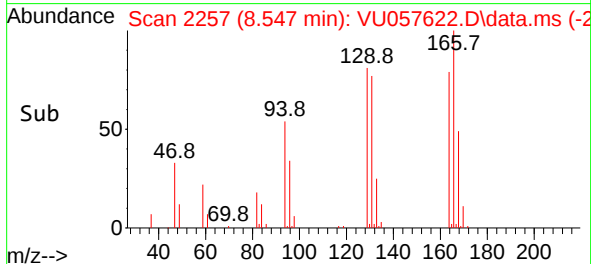
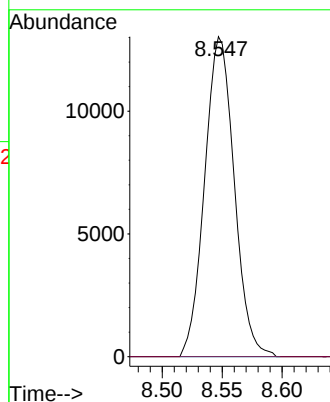
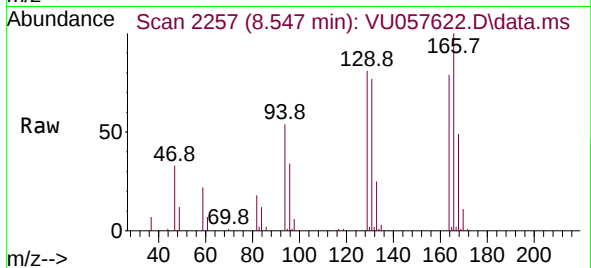
ClientSampleId :

Tgt Ion:129 Resp: 22372

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.203 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057622.D

Acq: 24 Jan 2024 16:32

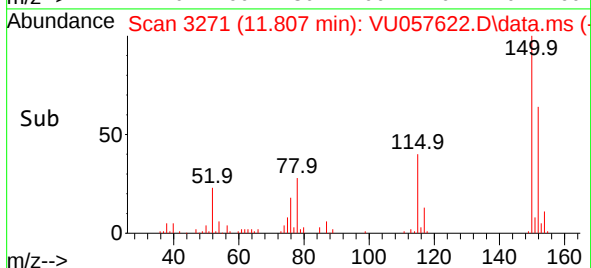
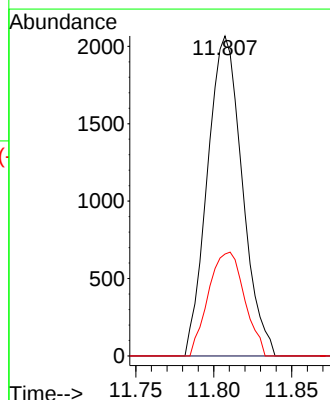
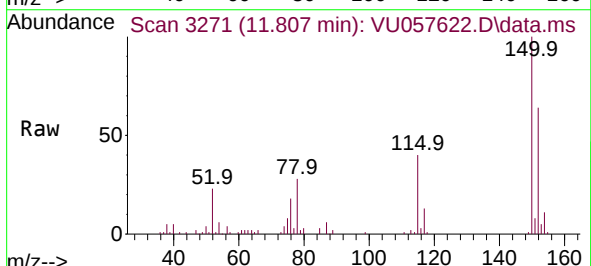
Tgt Ion: 75 Resp: 3207

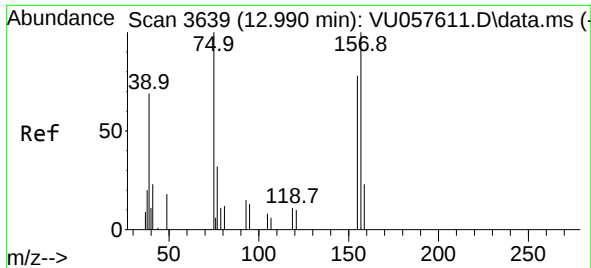
Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

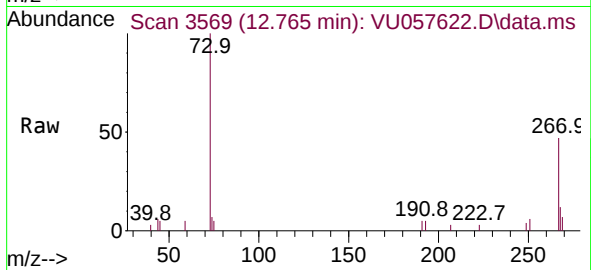
77 33.6 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.378 ug/L
 RT: 12.765 min Scan# 31
 Delta R.T. -0.225 min
 Lab File: VU057622.D
 Acq: 24 Jan 2024 16:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 190
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

