

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057575.D
 Acq On : 23 Jan 2024 18:20
 Operator : MD/SY
 Sample : P1228-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:07:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

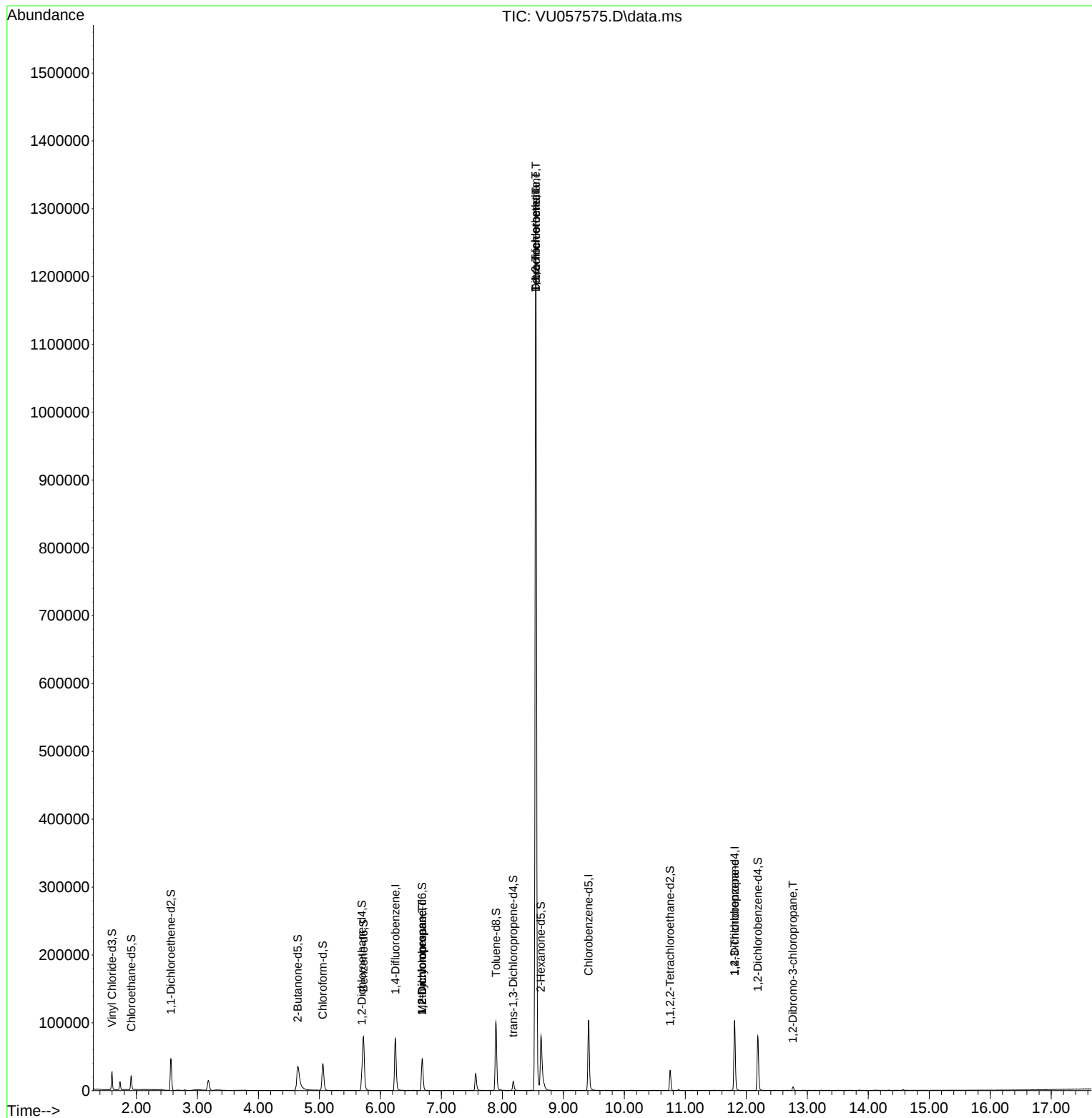
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	64957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	18544	5.181	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.914	69	14982	4.996	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.000%		
11) 1,1-Dichloroethene-d2	2.563	65	8727	5.186	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.800%		
20) 2-Butanone-d5	4.644	46	38680	57.290	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.580%		
24) Chloroform-d	5.055	84	36823	5.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.400%		
26) 1,2-Dichloroethane-d4	5.695	65	18496	5.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
32) Benzene-d6	5.721	84	76008	5.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.800%		
36) 1,2-Dichloropropane-d6	6.685	67	22665	5.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.600%		
41) Toluene-d8	7.894	98	70383	5.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
43) trans-1,3-Dichloroprop...	8.177	79	9002	5.358	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.200%		
46) 2-Hexanone-d5	8.631	63	28789	53.709	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 107.420%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15115	5.349	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	22039	5.523	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.400%		
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	5282	0.580	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2405	0.470	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	2731	0.821	ug/L #	12
47) Tetrachloroethene	8.547	164	276067	66.682	ug/L	99
49) Dibromochloromethane	8.547	129	280185	65.066	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3627	1.271	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.762	75	130	0.242	ug/L #	5

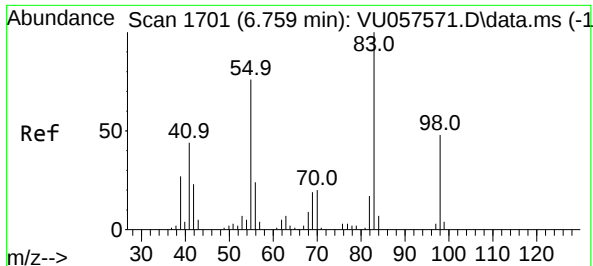
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#35

Methylcyclohexane

Concen: 0.580 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057575.D

Acq: 23 Jan 2024 18:20

Instrument :

MSVOA_U

ClientSampleId :

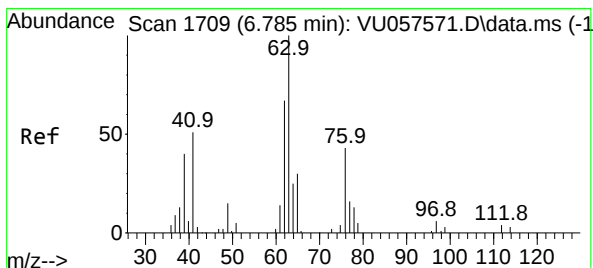
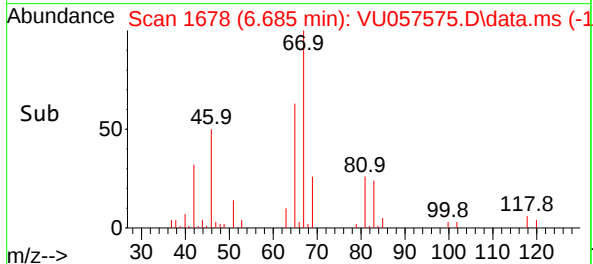
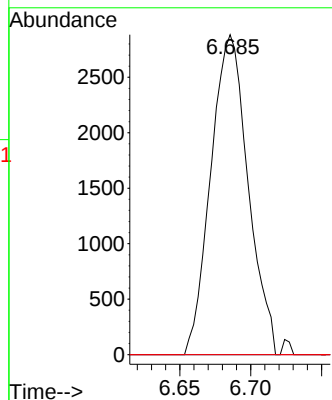
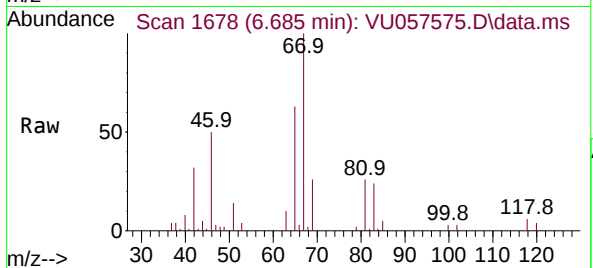
Tgt Ion: 83 Resp: 5282

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: 0.470 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057575.D

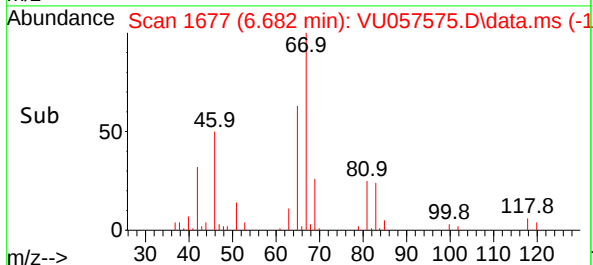
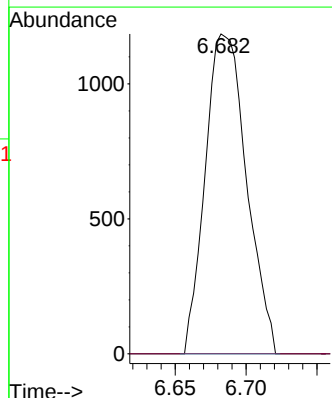
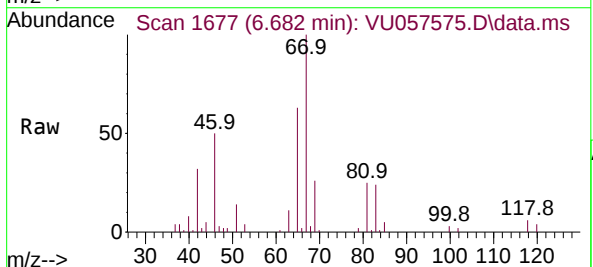
Acq: 23 Jan 2024 18:20

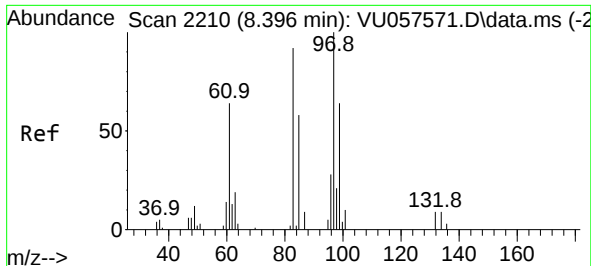
Tgt Ion: 63 Resp: 2405

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.821 ug/L

RT: 8.544 min Scan# 2210

Delta R.T. 0.148 min

Lab File: VU057575.D

Acq: 23 Jan 2024 18:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 2731

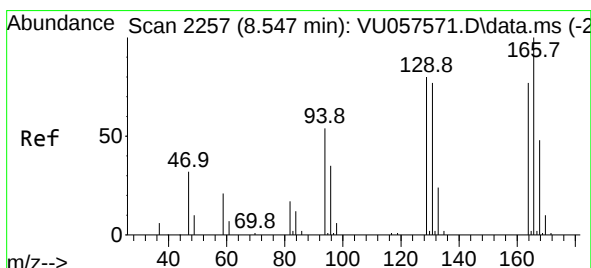
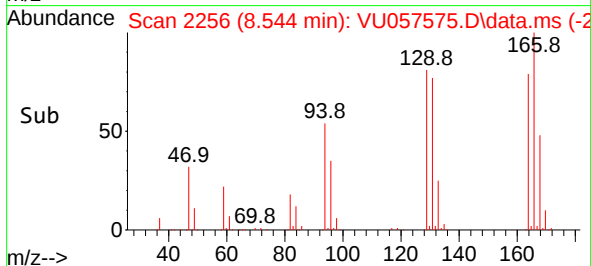
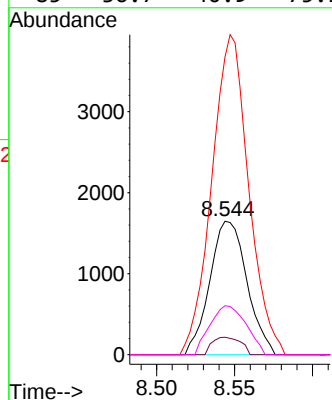
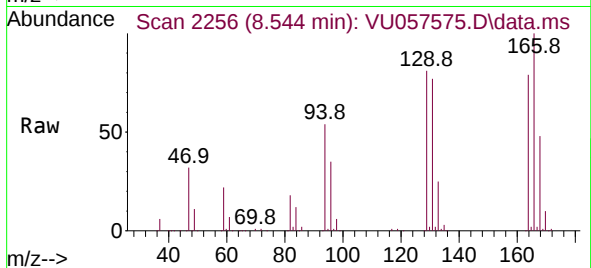
Ion Ratio Lower Upper

97 100

99 13.0 45.1 83.7#

83 223.3 62.3 115.7#

85 36.7 40.9 75.9#



#47

Tetrachloroethene

Concen: 66.682 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057575.D

Acq: 23 Jan 2024 18:20

Tgt Ion:164 Resp: 276067

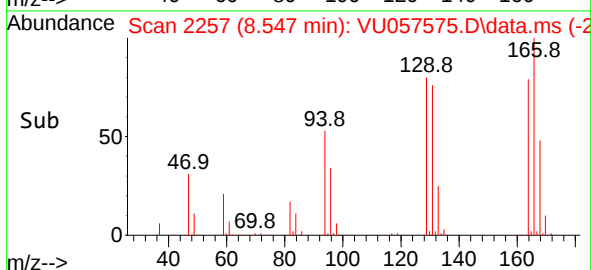
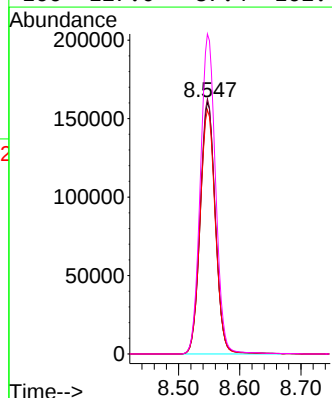
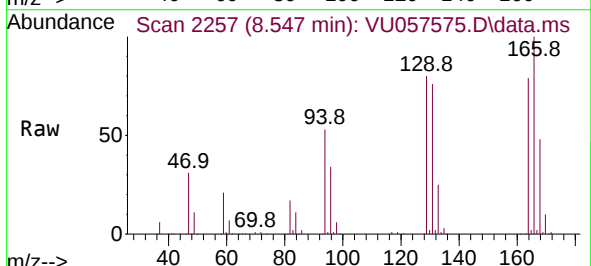
Ion Ratio Lower Upper

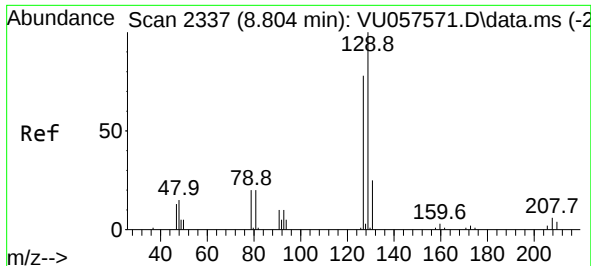
164 100

129 101.3 71.3 132.5

131 96.9 68.1 126.5

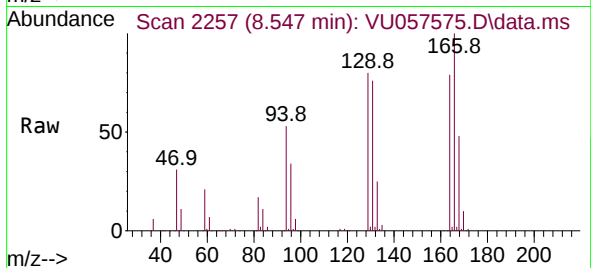
166 127.0 87.4 162.4



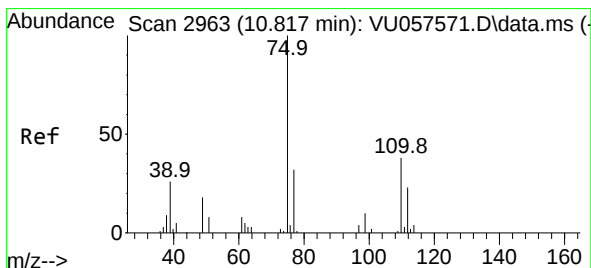
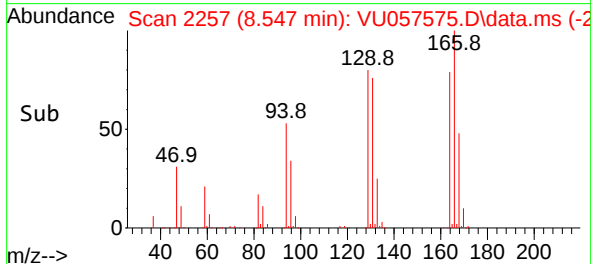
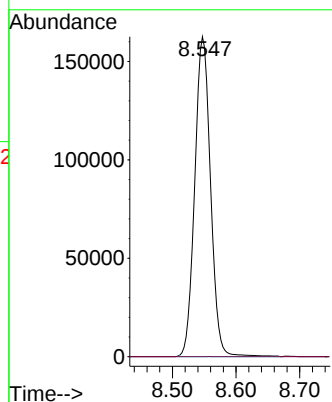


#49
Dibromochloromethane
Concen: 65.066 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057575.D
Acq: 23 Jan 2024 18:20

Instrument :
MSVOA_U
ClientSampleId :

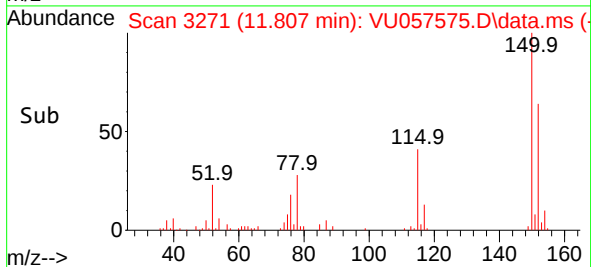
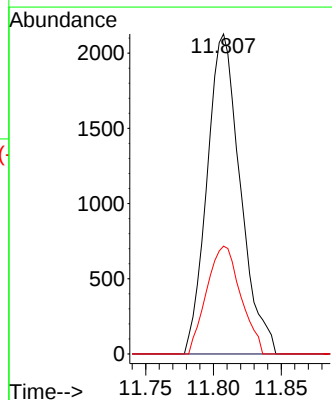
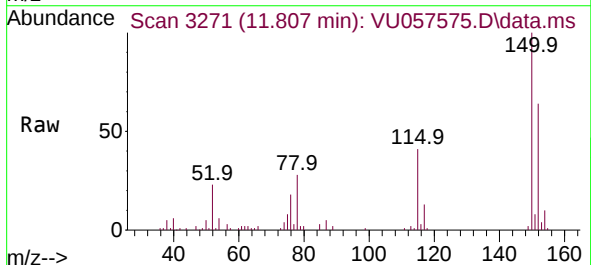


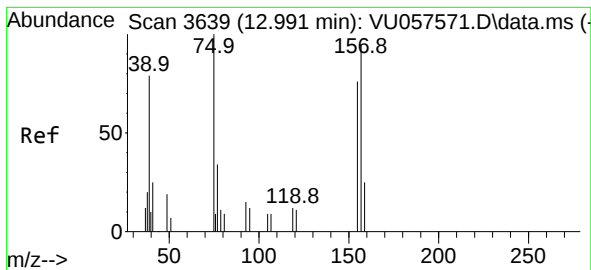
Tgt Ion:129 Resp: 280185
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.271 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057575.D
Acq: 23 Jan 2024 18:20

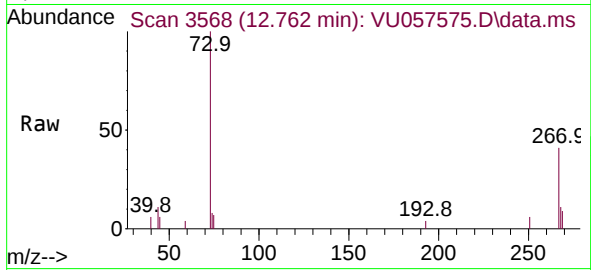
Tgt Ion: 75 Resp: 3627
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 34.5 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.242 ug/L
 RT: 12.762 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057575.D
 Acq: 23 Jan 2024 18:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 130
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

