

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057580.D
 Acq On : 23 Jan 2024 20:21
 Operator : MD/SY
 Sample : P1228-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:09:02 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)

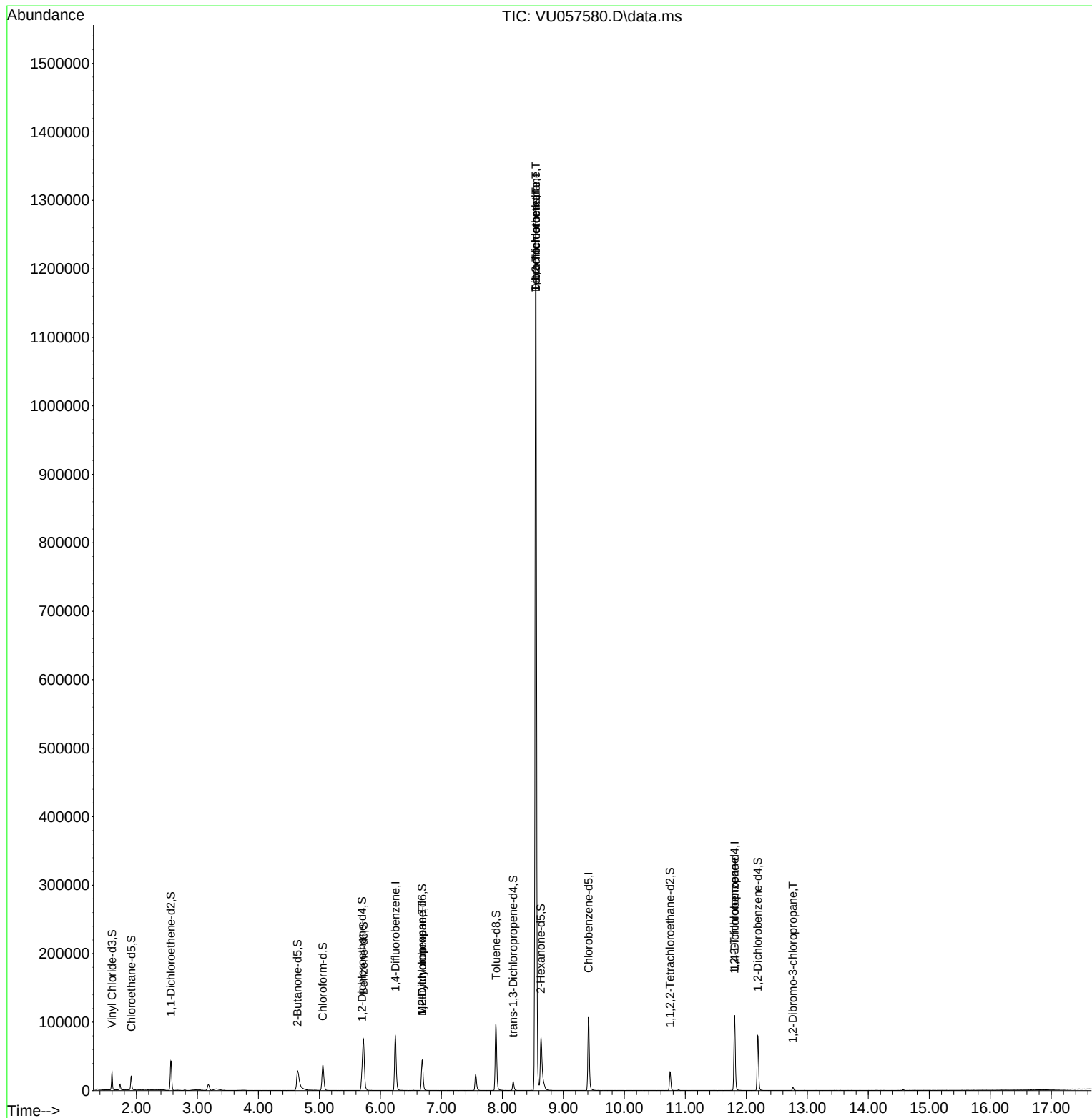
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	67345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17746	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.914	69	14405	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.563	65	8387	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.641	46	36401	52.003	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.000%
24) Chloroform-d	5.055	84	35451	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.698	65	17250	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	71421	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.685	67	22258	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.894	98	67260	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	8337	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	27070	48.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13814	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	21144	5.201	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4931	0.522	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2284	0.431	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	2520	0.731	ug/L #	7
47) Tetrachloroethene	8.547	164	271073	63.121	ug/L	99
49) Dibromochloromethane	8.547	129	277737	62.178	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3634	1.250	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.762	75	40	0.073	ug/L #	5

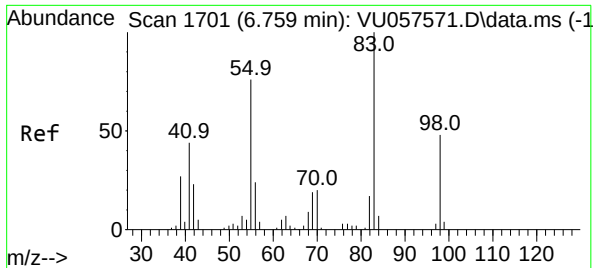
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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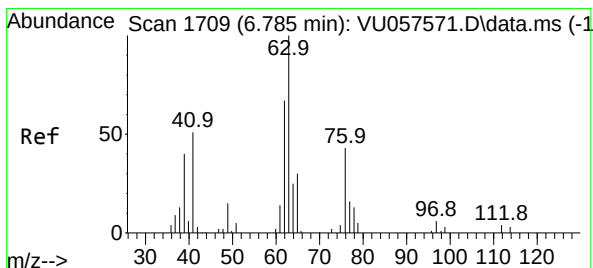
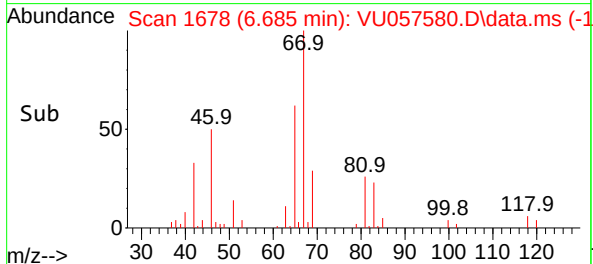
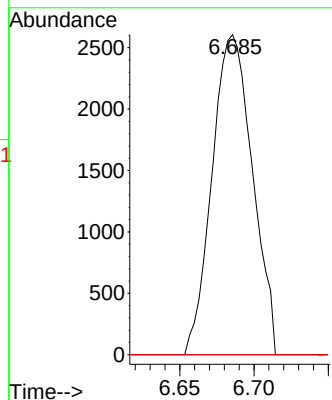
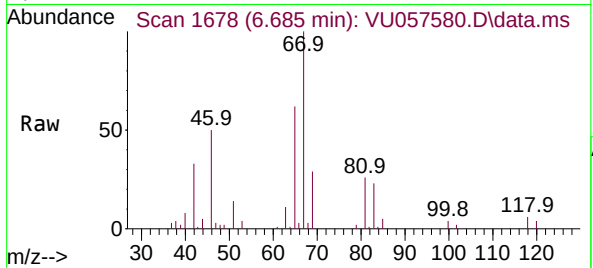




#35
Methylcyclohexane
Concen: 0.522 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057580.D
Acq: 23 Jan 2024 20:21

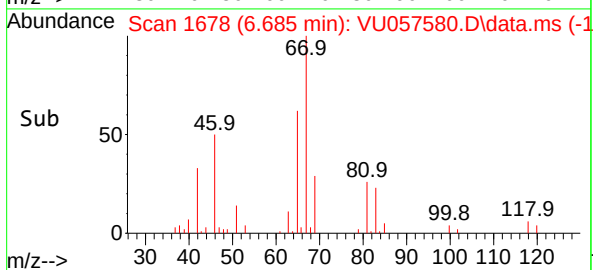
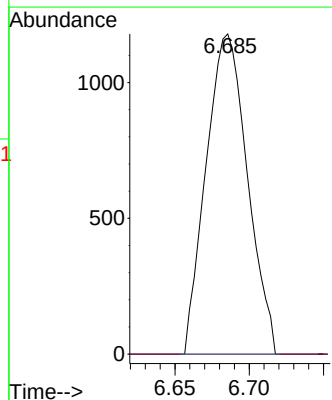
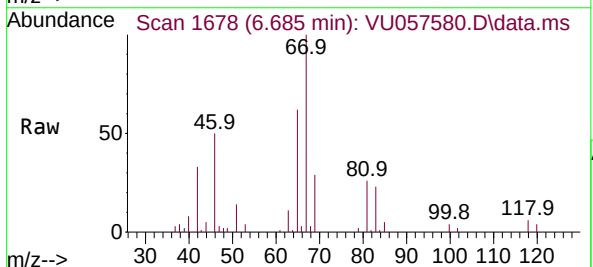
Instrument :
MSVOA_U
ClientSampleId :

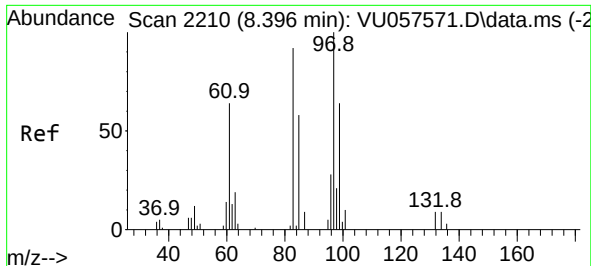
Tgt Ion: 83 Resp: 4931
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.431 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057580.D
Acq: 23 Jan 2024 20:21

Tgt Ion: 63 Resp: 2284
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.731 ug/L

RT: 8.547 min Scan# 2210

Delta R.T. 0.151 min

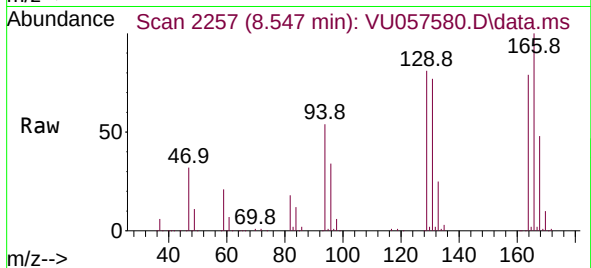
Lab File: VU057580.D

Acq: 23 Jan 2024 20:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 2520

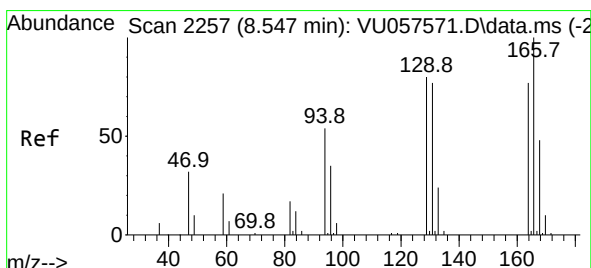
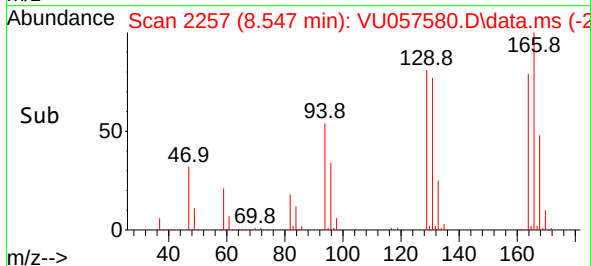
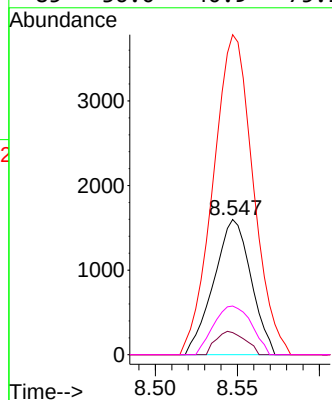
Ion Ratio Lower Upper

97 100

99 16.3 45.1 83.7#

83 236.7 62.3 115.7#

85 36.0 40.9 75.9#



#47

Tetrachloroethene

Concen: 63.121 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057580.D

Acq: 23 Jan 2024 20:21

Tgt Ion:164 Resp: 271073

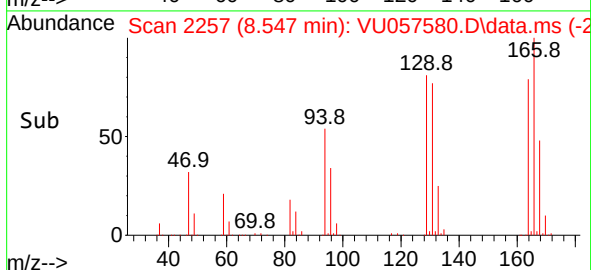
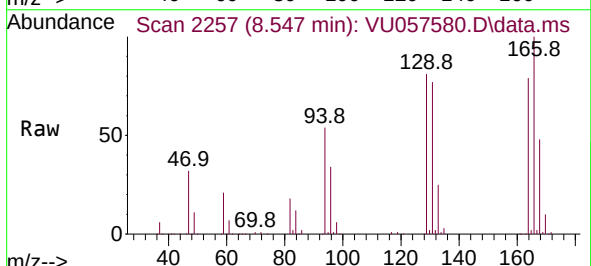
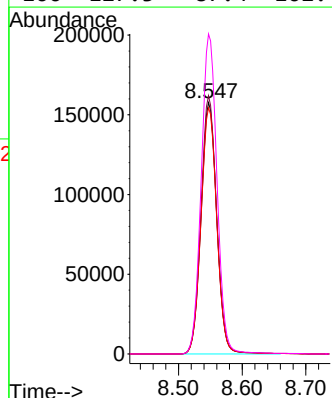
Ion Ratio Lower Upper

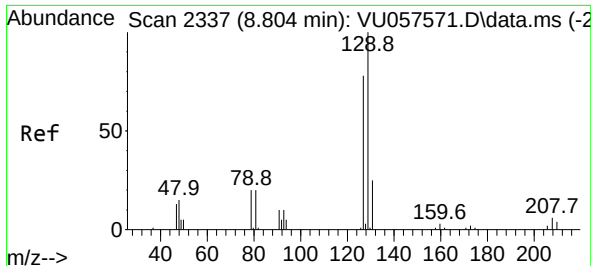
164 100

129 102.8 71.3 132.5

131 98.0 68.1 126.5

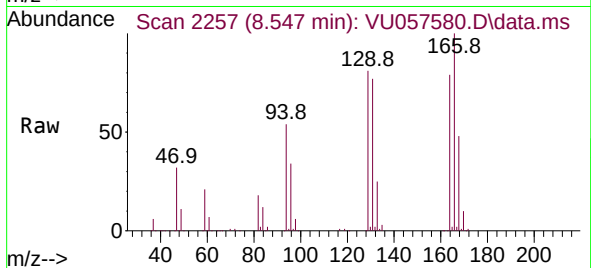
166 127.3 87.4 162.4



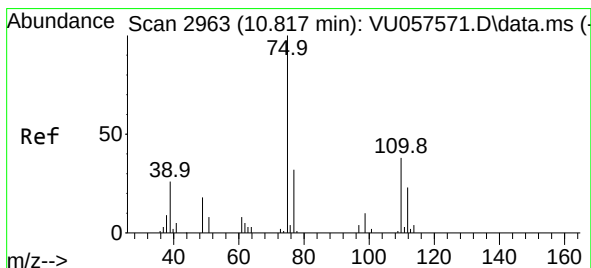
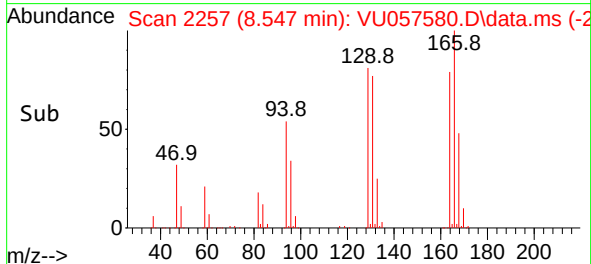
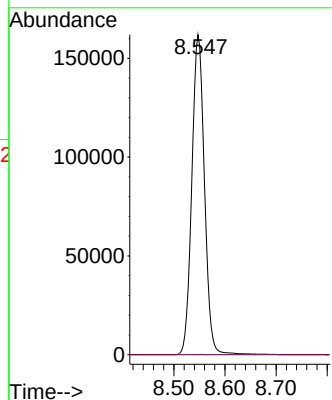


#49
Dibromochloromethane
Concen: 62.178 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057580.D
Acq: 23 Jan 2024 20:21

Instrument :
MSVOA_U
ClientSampleId :

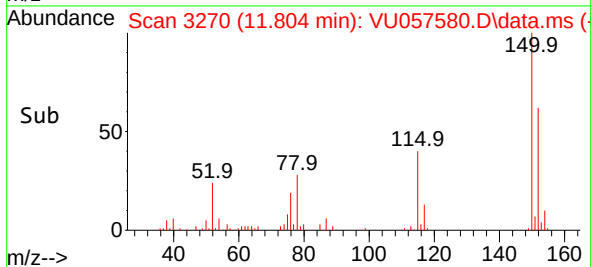
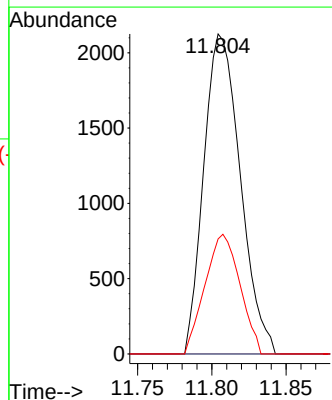
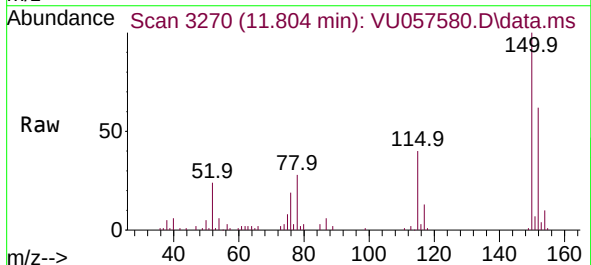


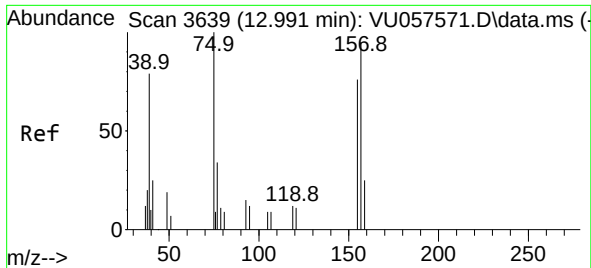
Tgt Ion:129 Resp: 277737
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.250 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057580.D
Acq: 23 Jan 2024 20:21

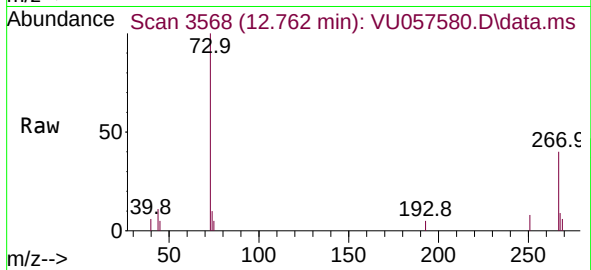
Tgt Ion: 75 Resp: 3634
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 35.7 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.073 ug/L
 RT: 12.762 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057580.D
 Acq: 23 Jan 2024 20:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 40
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

