

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057574.D
 Acq On : 23 Jan 2024 17:56
 Operator : MD/SY
 Sample : P1228-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:07:36 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)

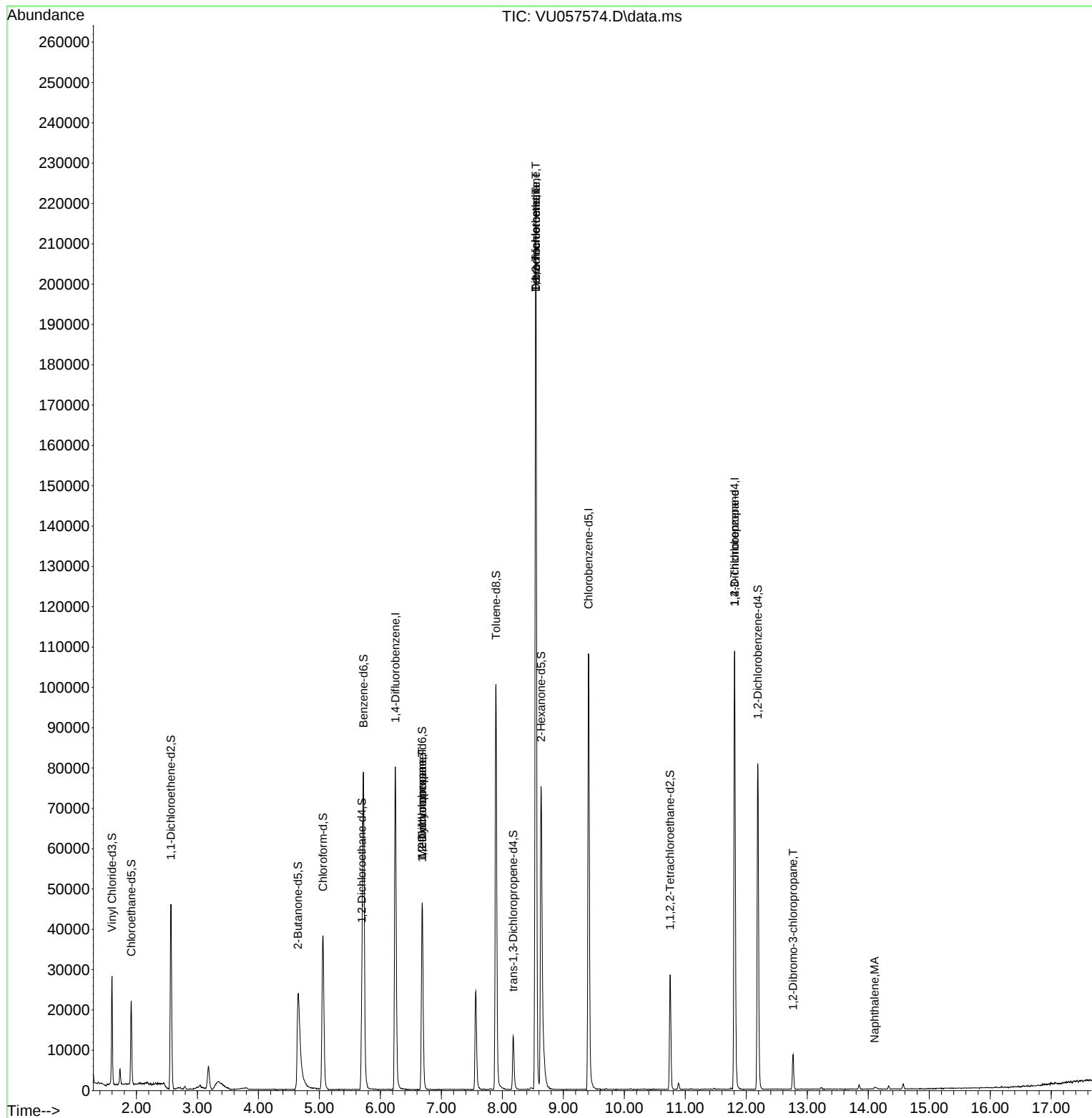
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	68083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	62970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	18666	4.976	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.914	69	15094	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.563	65	8770	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.650	46	36457	51.518	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.040%
24) Chloroform-d	5.059	84	36417	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	18329	5.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	74997	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.685	67	22472	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	69982	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.177	79	8694	4.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.634	63	27845	49.151	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14495	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	21624	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4698	0.488	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2577	0.477	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	385	0.110	ug/L #	1
47) Tetrachloroethene	8.547	164	47840	10.933	ug/L	98
49) Dibromochloromethane	8.547	129	47784	10.499	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3911	1.308	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.766	75	187	0.332	ug/L #	5
71) Naphthalene	14.103	128	1219	0.150	ug/L #	70

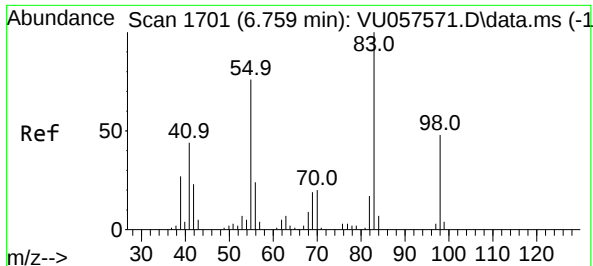
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.488 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057574.D

Acq: 23 Jan 2024 17:56

Instrument :

MSVOA_U

ClientSampleId :

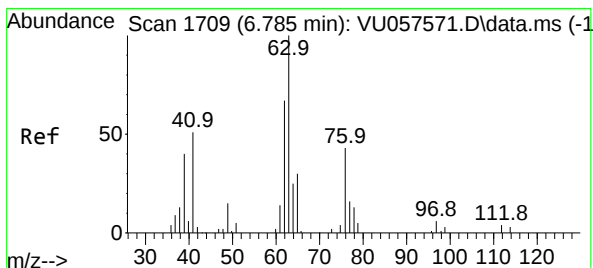
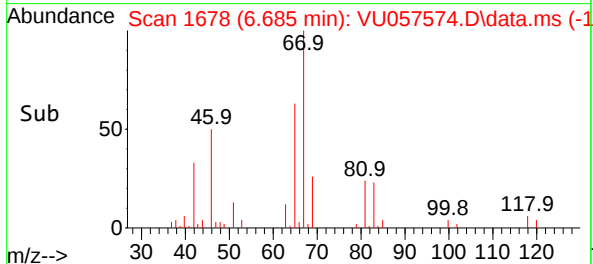
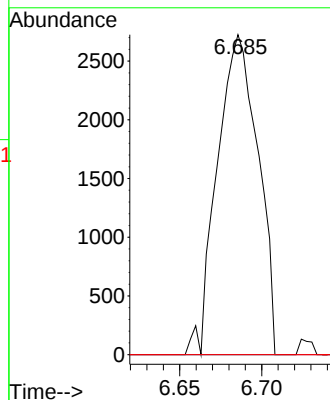
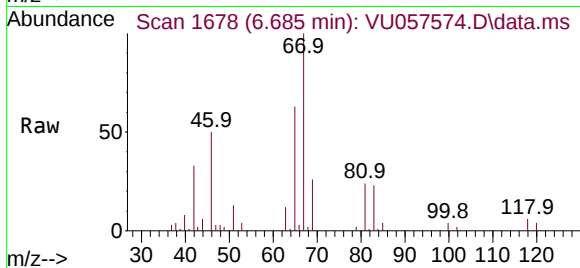
Tgt Ion: 83 Resp: 4698

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: 0.477 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057574.D

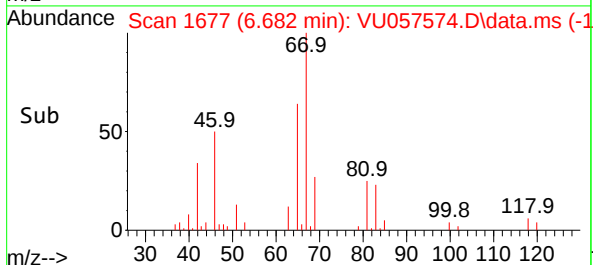
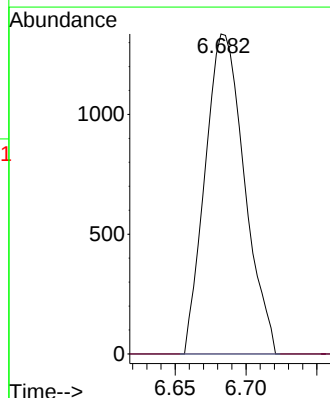
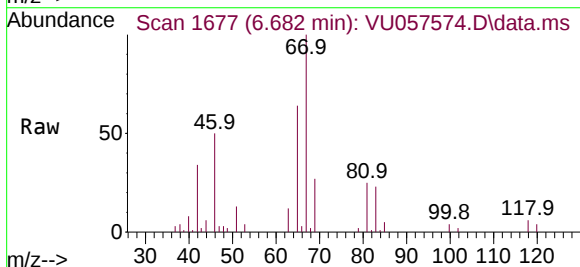
Acq: 23 Jan 2024 17:56

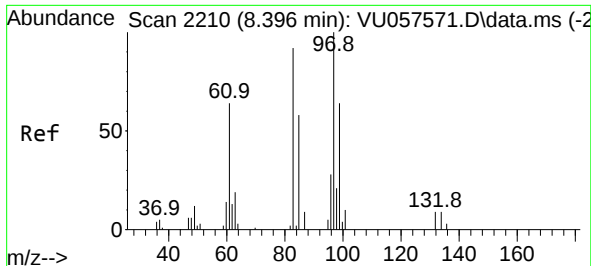
Tgt Ion: 63 Resp: 2577

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.110 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.151 min

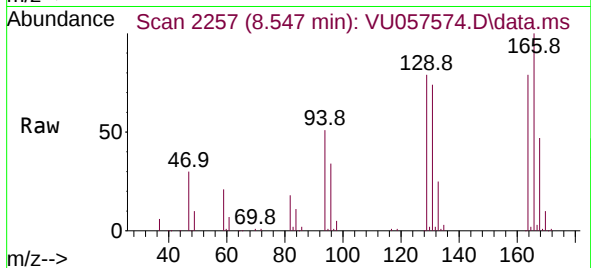
Lab File: VU057574.D

Acq: 23 Jan 2024 17:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 385

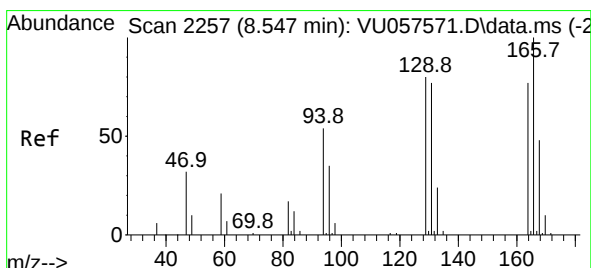
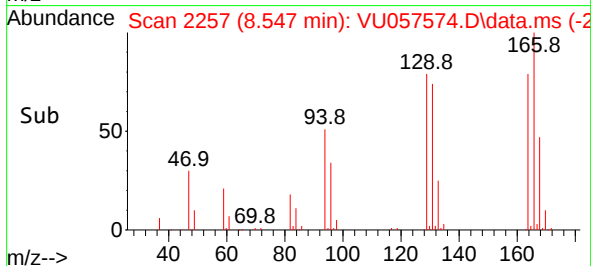
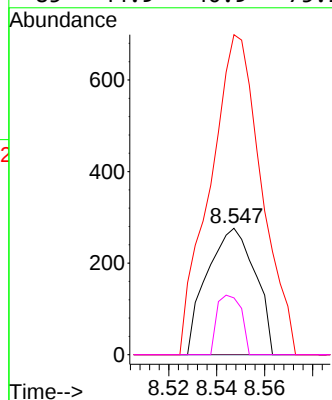
Ion Ratio Lower Upper

97 100

99 0.0 45.1 83.7#

83 253.3 62.3 115.7#

85 44.9 40.9 75.9



#47

Tetrachloroethene

Concen: 10.933 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057574.D

Acq: 23 Jan 2024 17:56

Tgt Ion:164 Resp: 47840

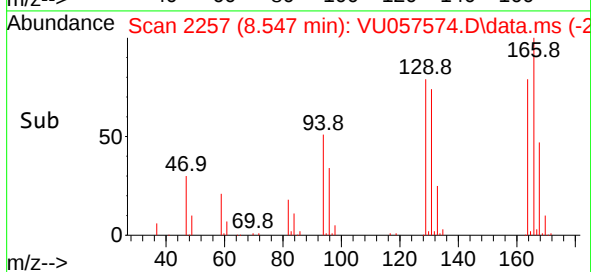
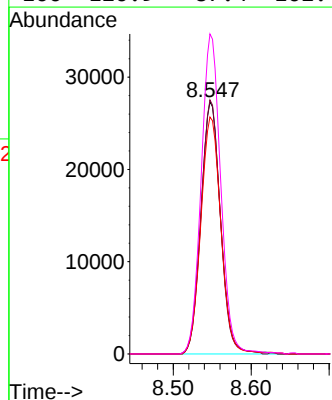
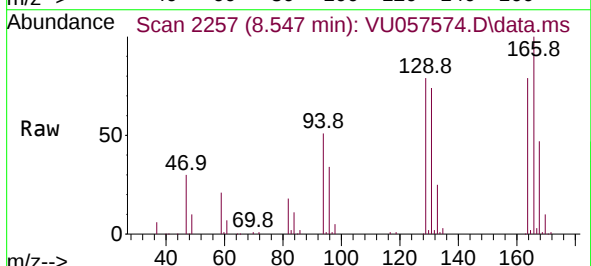
Ion Ratio Lower Upper

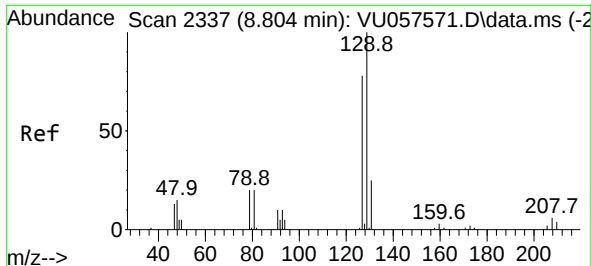
164 100

129 100.7 71.3 132.5

131 93.9 68.1 126.5

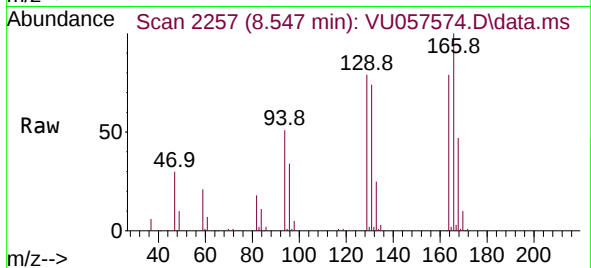
166 126.9 87.4 162.4



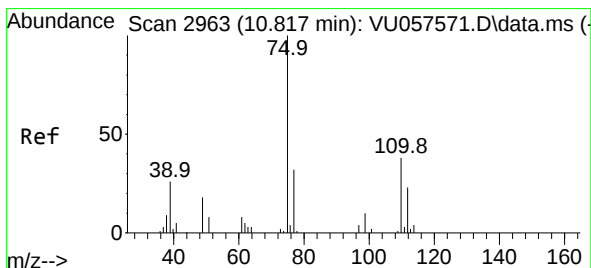
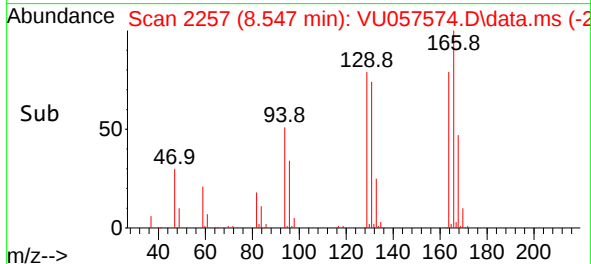
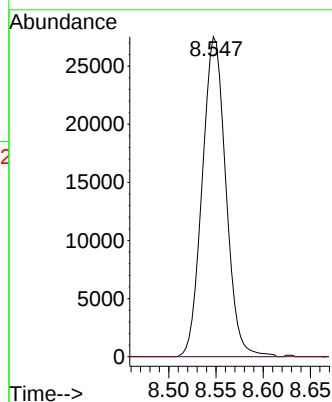


#49
Dibromochloromethane
Concen: 10.499 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057574.D
Acq: 23 Jan 2024 17:56

Instrument :
MSVOA_U
ClientSampleId :

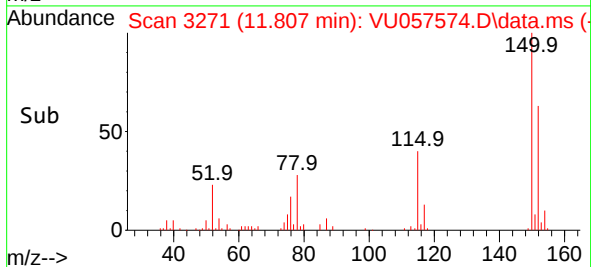
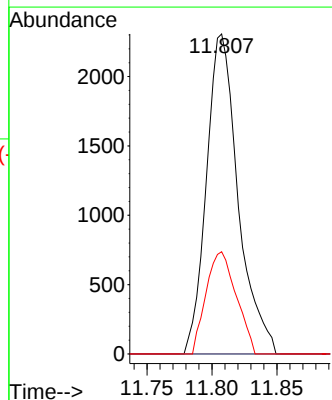
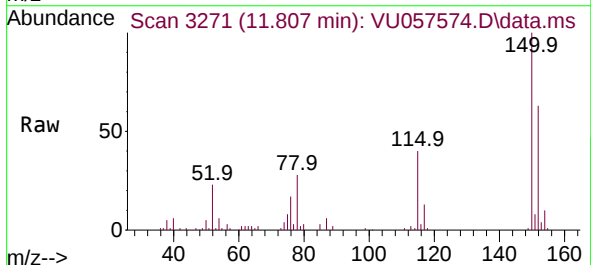


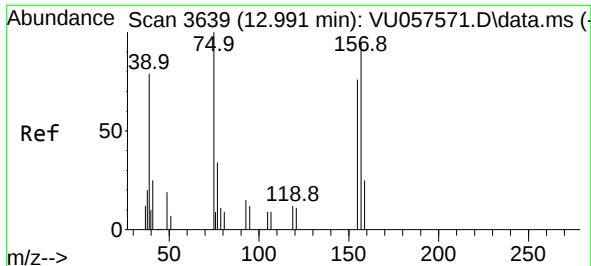
Tgt Ion:129 Resp: 47784
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.308 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057574.D
Acq: 23 Jan 2024 17:56

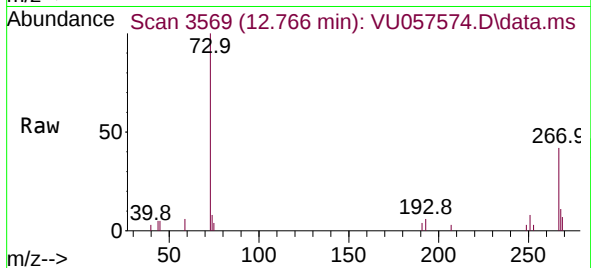
Tgt Ion: 75 Resp: 3911
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 30.4 25.5 38.3



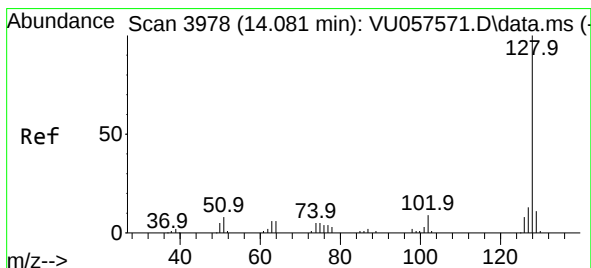
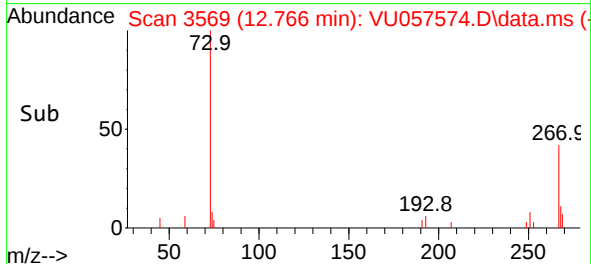
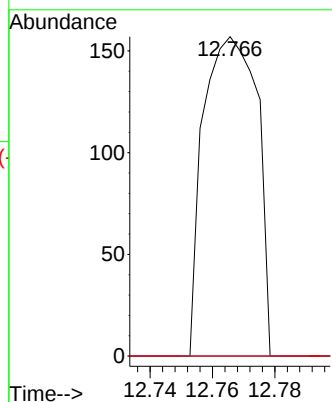


#68
1,2-Dibromo-3-chloropropane
Concen: 0.332 ug/L
RT: 12.766 min Scan# 31
Delta R.T. -0.225 min
Lab File: VU057574.D
Acq: 23 Jan 2024 17:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
155 0.0 62.8 94.2#
157 0.0 78.9 118.3#



#71
Naphthalene
Concen: 0.150 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.023 min
Lab File: VU057574.D
Acq: 23 Jan 2024 17:56

Tgt Ion: 128 Resp: 1219
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.0 15.0#

