

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057473.D
 Acq On : 12 Jan 2024 11:28
 Operator : MD/SY
 Sample : P1062-19 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:36:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

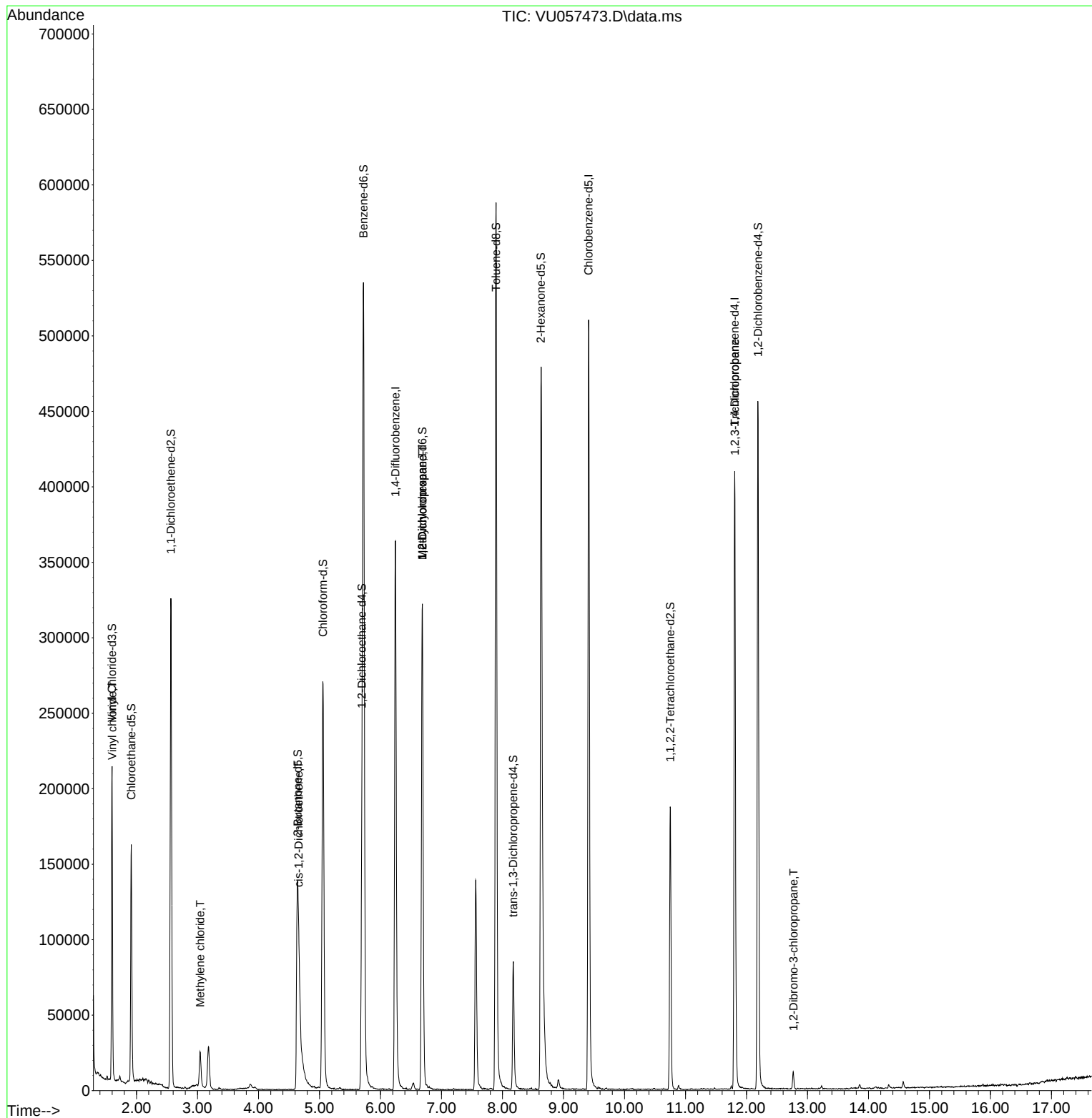
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289108	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	288496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	147989	5.045	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.914	69	117970	5.169	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.563	65	61868	4.988	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	4.640	46	274005	49.385	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.780%	
24) Chloroform-d	5.055	84	256905	5.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.695	65	126317	5.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.721	84	489619	4.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.685	67	157003	4.786	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.894	98	398989	4.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.177	79	52012	4.560	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.631	63	161982	39.225	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.440%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93711	4.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	114849	5.346	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3609	0.165	ug/L #	24
16) Methylene chloride	3.042	84	11215	0.491	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	12260	0.628	ug/L	93
35) Methylcyclohexane	6.685	83	35646	1.204	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	16949	0.705	ug/L #	91
61) 1,2,3-Trichloropropane	11.811	75	14081	1.407	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.772	75	238	0.124	ug/L #	10

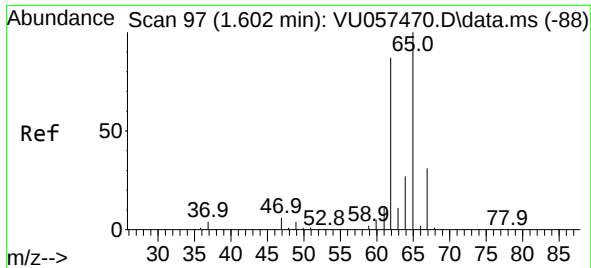
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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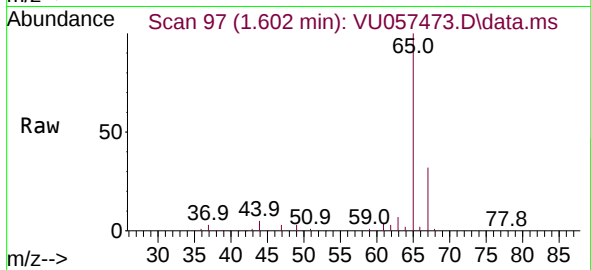
Quant Time: Jan 13 01:36:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
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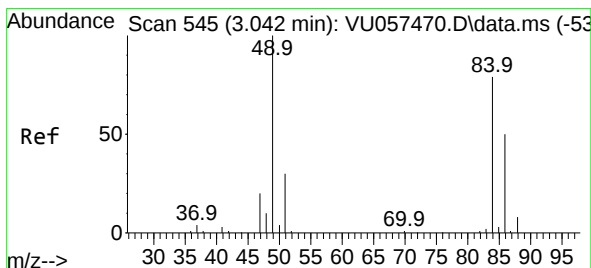
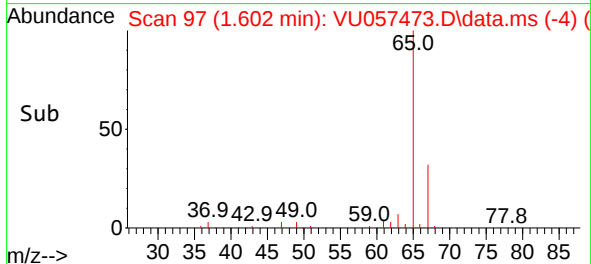
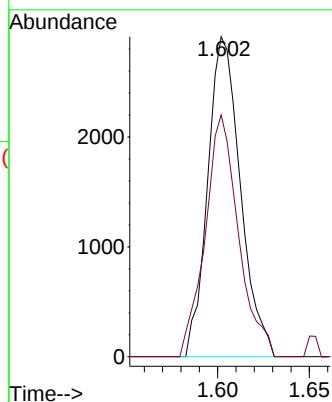


#5
 Vinyl chloride
 Concen: 0.165 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057473.D
 Acq: 12 Jan 2024 11:28

Instrument :
 MSVOA_U
 ClientSampleId :

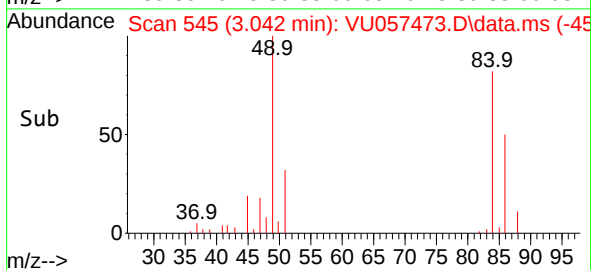
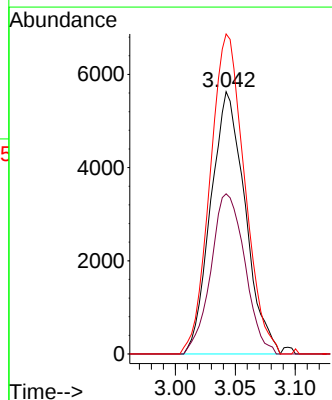
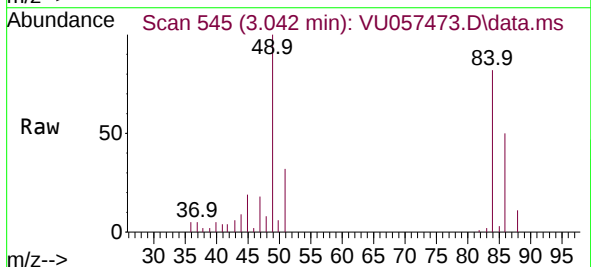


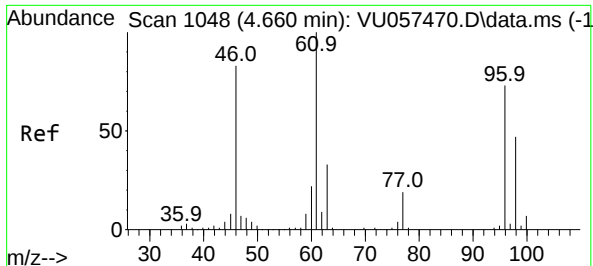
Tgt Ion: 62 Resp: 3609
 Ion Ratio Lower Upper
 62 100
 64 75.6 22.9 42.5#



#16
 Methylene chloride
 Concen: 0.491 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: VU057473.D
 Acq: 12 Jan 2024 11:28

Tgt Ion: 84 Resp: 11215
 Ion Ratio Lower Upper
 84 100
 86 61.1 45.8 85.2
 49 128.8 86.7 161.1





#22

cis-1,2-Dichloroethene

Concen: 0.628 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057473.D

Acq: 12 Jan 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

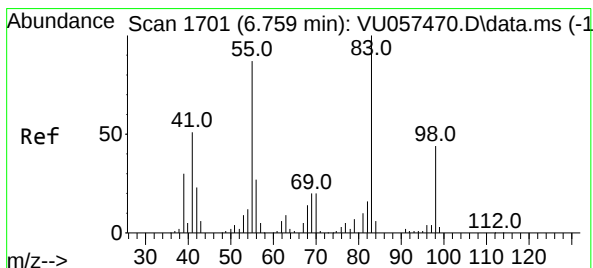
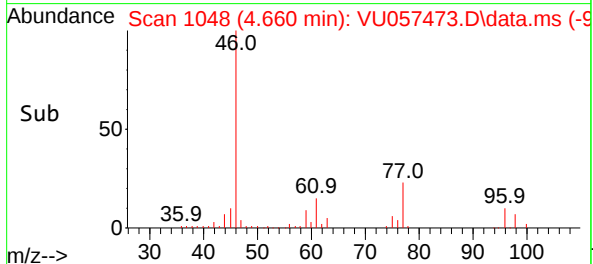
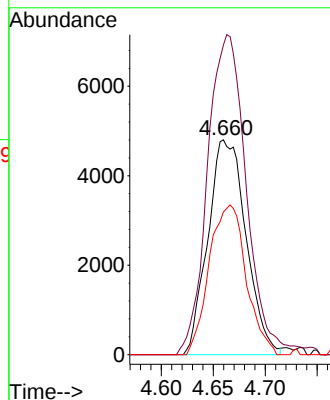
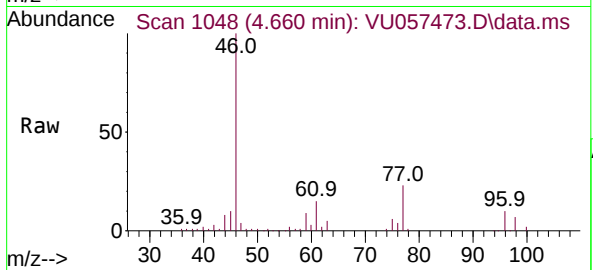
Tgt Ion: 96 Resp: 12260

Ion Ratio Lower Upper

96 100

61 144.1 93.4 173.4

98 66.4 44.9 83.3



#35

Methylcyclohexane

Concen: 1.204 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU057473.D

Acq: 12 Jan 2024 11:28

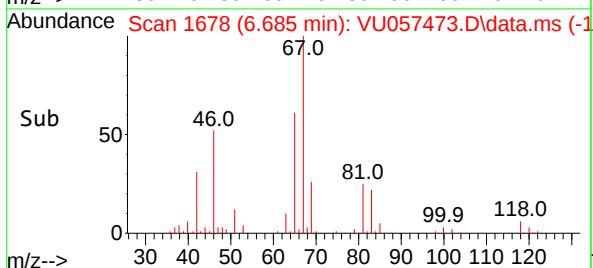
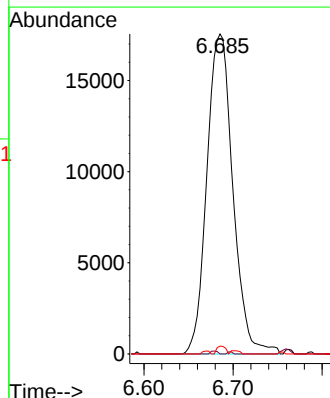
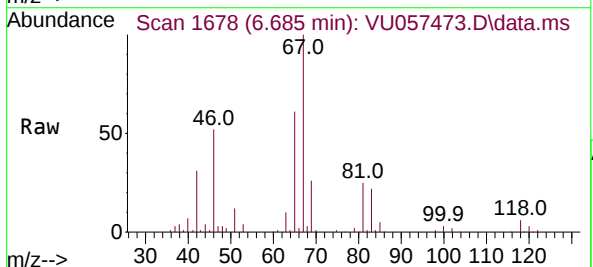
Tgt Ion: 83 Resp: 35646

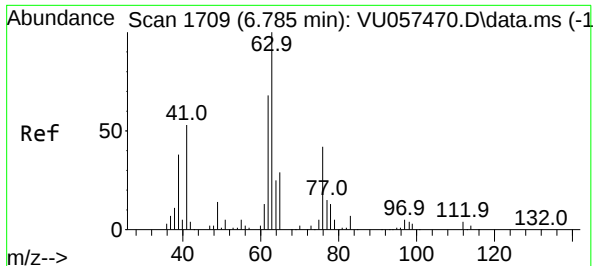
Ion Ratio Lower Upper

83 100

55 0.2 68.7 103.1#

98 0.8 36.3 54.5#

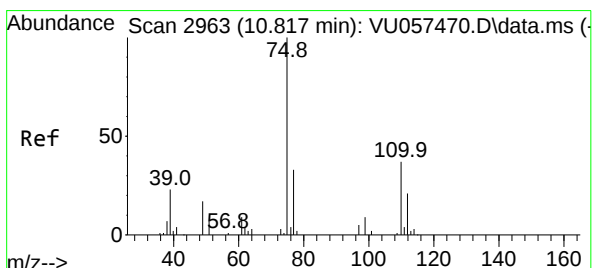
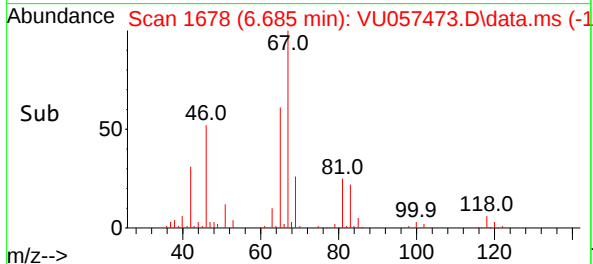
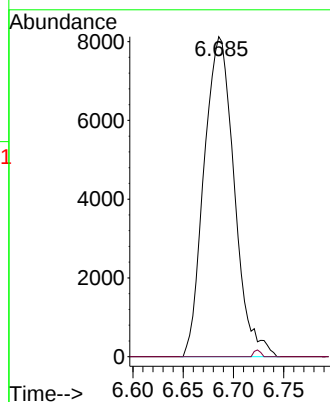
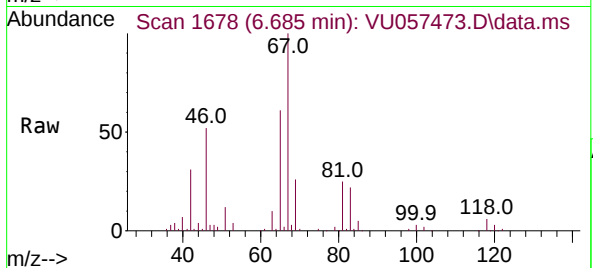




#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057473.D
Acq: 12 Jan 2024 11:28

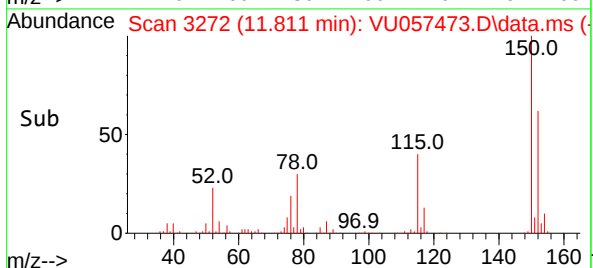
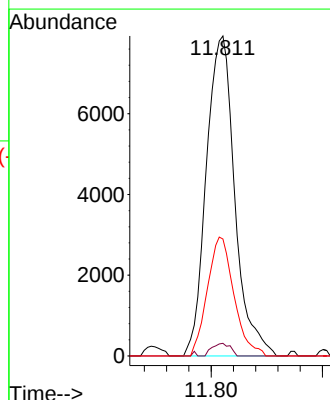
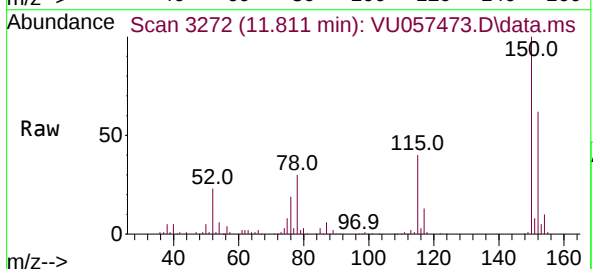
Instrument :
MSVOA_U
ClientSampleId :

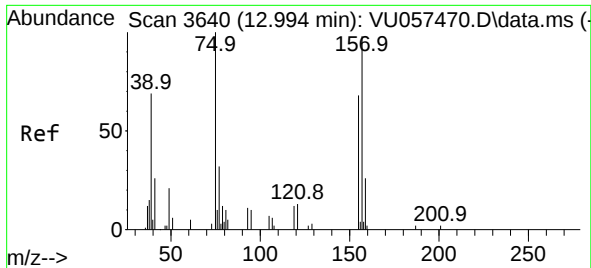
Tgt Ion: 63 Resp: 16949
Ion Ratio Lower Upper
63 100
112 0.5 2.7 4.1#



#61
1,2,3-Trichloropropane
Concen: 1.407 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU057473.D
Acq: 12 Jan 2024 11:28

Tgt Ion: 75 Resp: 14081
Ion Ratio Lower Upper
75 100
110 2.5 29.4 44.0#
77 34.6 26.2 39.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.124 ug/L

RT: 12.772 min Scan# 31

Delta R.T. -0.222 min

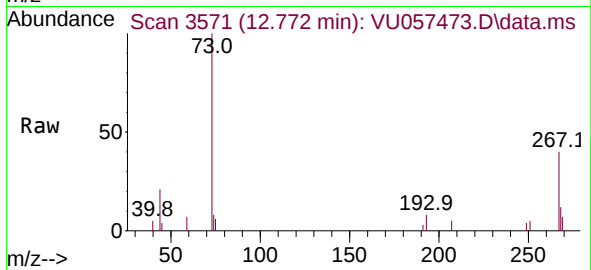
Lab File: VU057473.D

Acq: 12 Jan 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 238

Ion Ratio Lower Upper

75 100

155 0.0 55.4 83.0#

157 0.0 68.6 102.8#

