

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057638.D
 Acq On : 24 Jan 2024 23:23
 Operator : MD/SY
 Sample : P1227-11DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

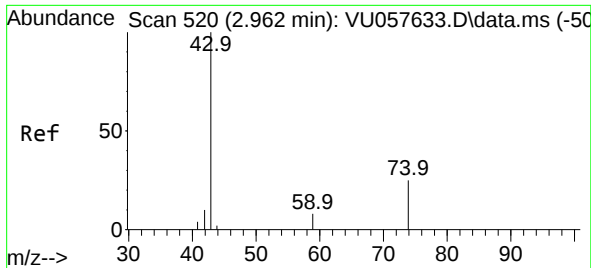
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 04:58:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	58795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	53266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13862	4.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.914	69	11844	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	6587	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.640	46	31683	51.844	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	5.055	84	30429	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	15106	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	59774	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.685	67	18867	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	55347	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	6619	4.407	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.631	63	24664	51.467	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	12387	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	17862	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.174	43	620	0.415	ug/L #	49
16) Methylene chloride	3.046	84	949	0.207	ug/L	98
35) Methylcyclohexane	6.685	83	4272	0.525	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	1984	0.434	ug/L #	89
47) Tetrachloroethene	8.547	164	29881	8.073	ug/L	97
49) Dibromochloromethane	8.547	129	30264	7.861	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3207	1.274	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.759	75	157	0.331	ug/L #	5

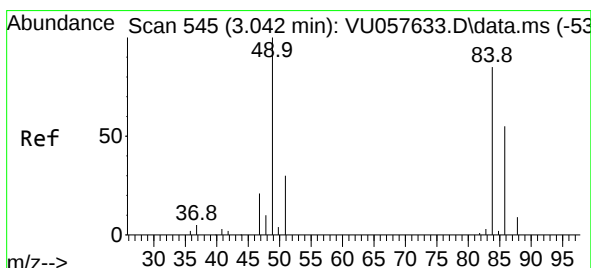
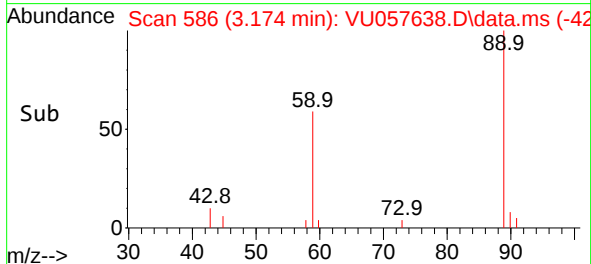
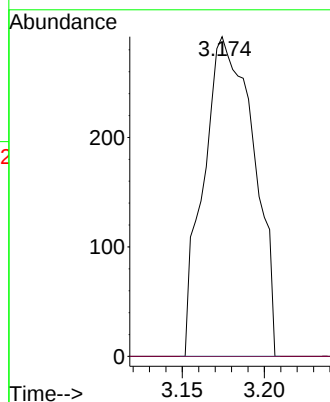
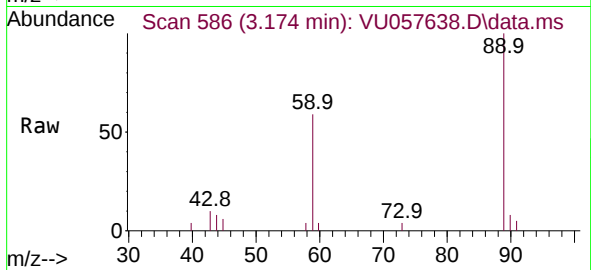
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#15
Methyl Acetate
Concen: 0.415 ug/L
RT: 3.174 min Scan# 51
Delta R.T. 0.212 min
Lab File: VU057638.D
Acq: 24 Jan 2024 23:23

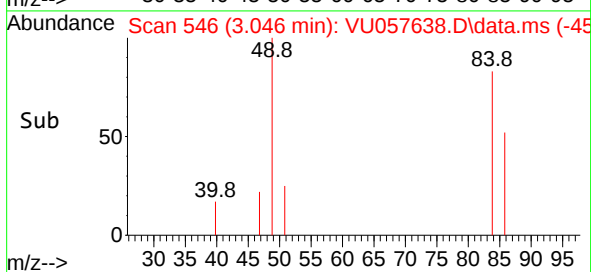
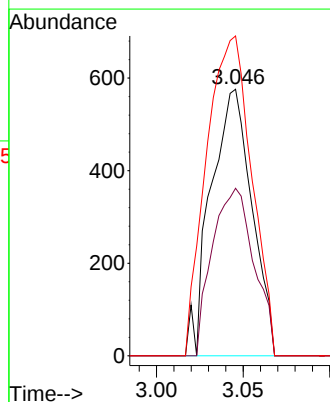
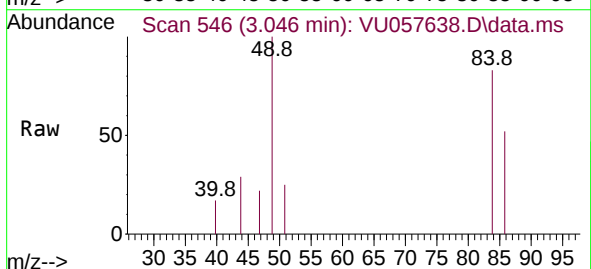
Instrument :
MSVOA_U
ClientSampleId :

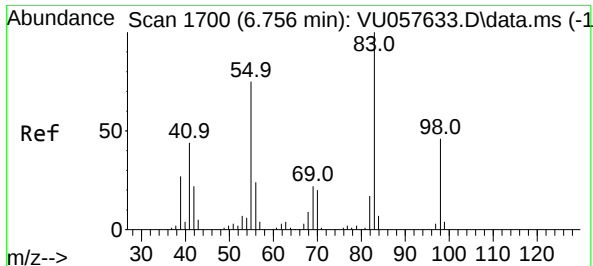
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#16
Methylene chloride
Concen: 0.207 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU057638.D
Acq: 24 Jan 2024 23:23

Tgt Ion: 84 Resp: 949
Ion Ratio Lower Upper
84 100
86 62.8 43.5 80.9
49 120.0 82.5 153.1





#35

Methylcyclohexane

Concen: 0.525 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057638.D

Acq: 24 Jan 2024 23:23

Instrument :

MSVOA_U

ClientSampleId :

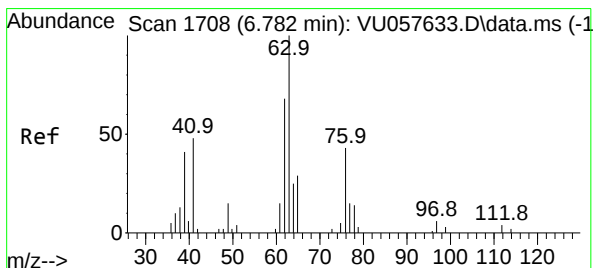
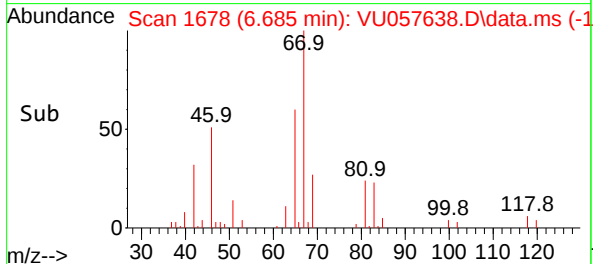
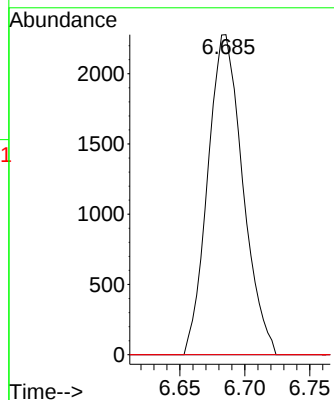
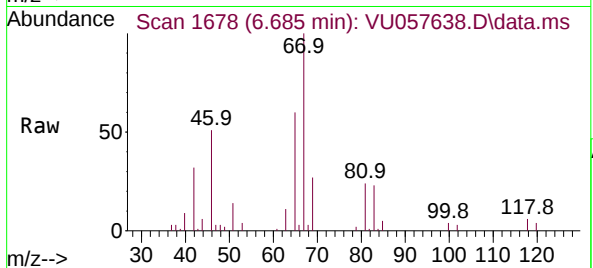
Tgt Ion: 83 Resp: 4272

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: 0.434 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU057638.D

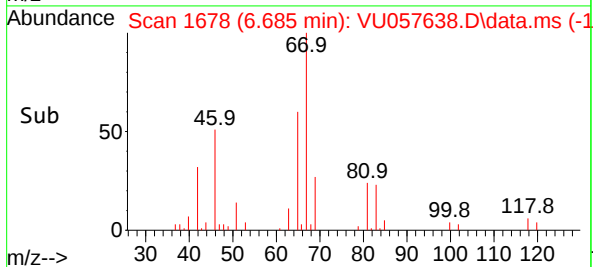
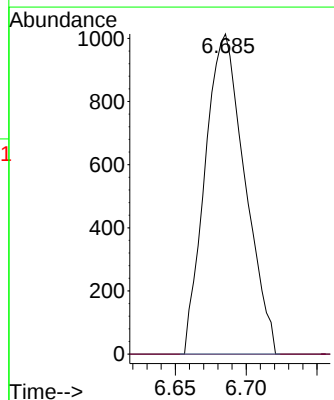
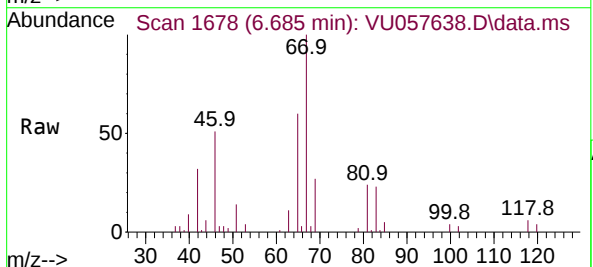
Acq: 24 Jan 2024 23:23

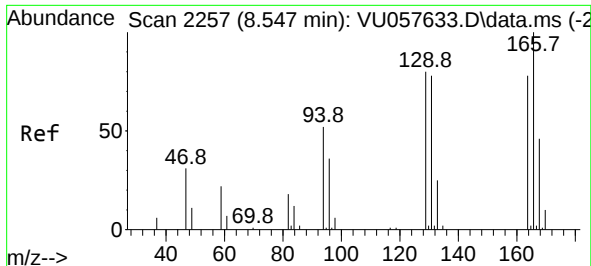
Tgt Ion: 63 Resp: 1984

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 8.073 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

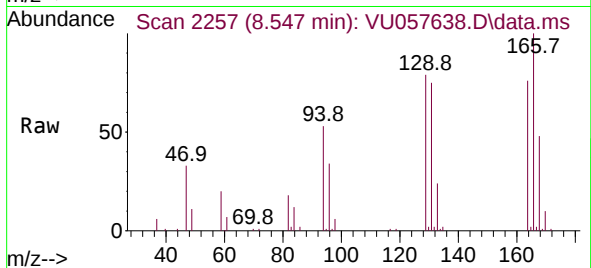
Lab File: VU057638.D

Acq: 24 Jan 2024 23:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 29881

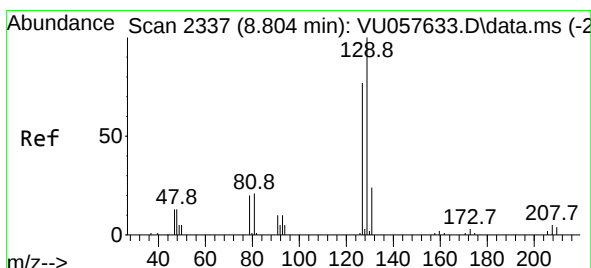
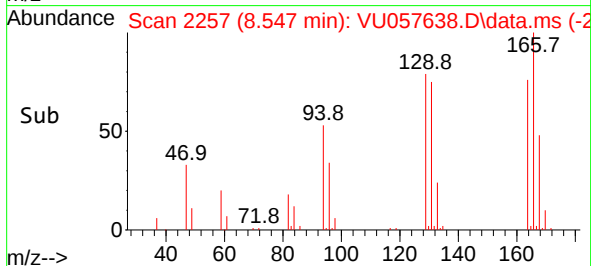
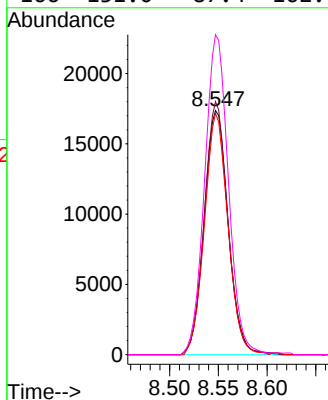
Ion Ratio Lower Upper

164 100

129 103.6 71.3 132.5

131 98.8 68.1 126.5

166 131.0 87.4 162.4



#49

Dibromochloromethane

Concen: 7.861 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057638.D

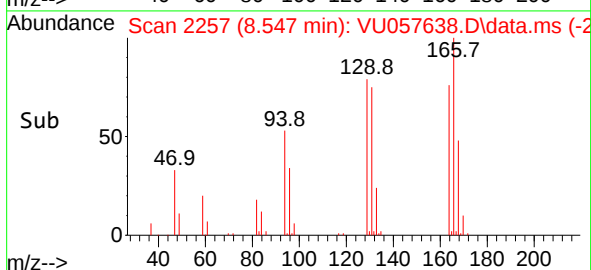
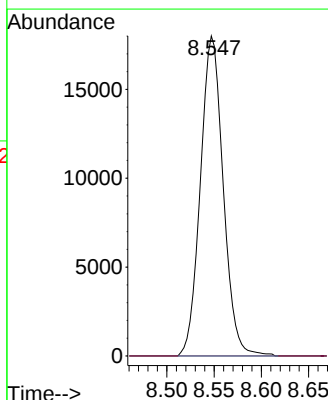
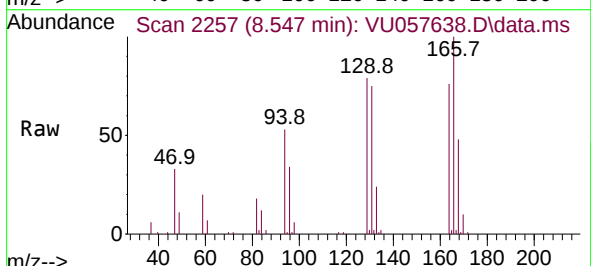
Acq: 24 Jan 2024 23:23

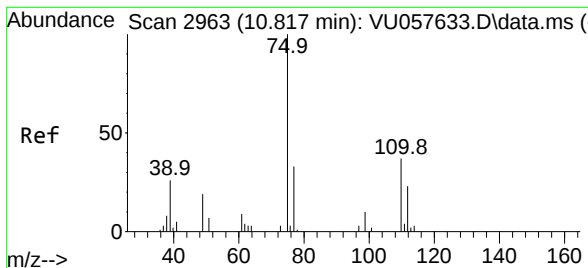
Tgt Ion:129 Resp: 30264

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.274 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU057638.D

Acq: 24 Jan 2024 23:23

Instrument :

MSVOA_U

ClientSampleId :

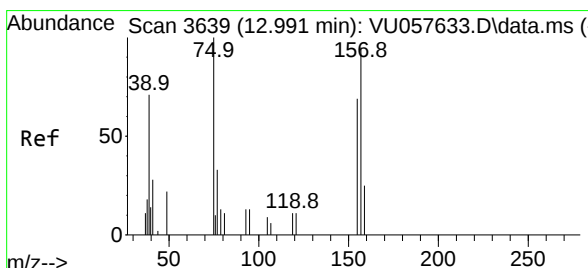
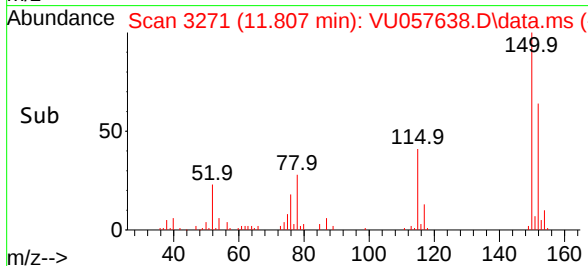
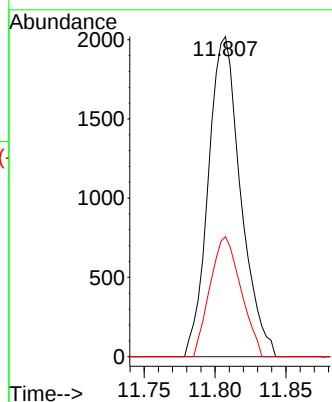
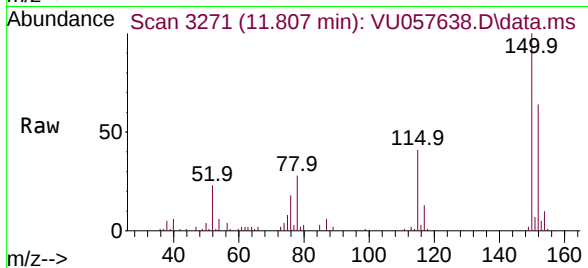
Tgt Ion: 75 Resp: 3207

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: 0.331 ug/L

RT: 12.759 min Scan# 3567

Delta R.T. -0.232 min

Lab File: VU057638.D

Acq: 24 Jan 2024 23:23

Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

155 0.0 62.8 94.2#

157 0.0 78.9 118.3#

