

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057632.D
 Acq On : 24 Jan 2024 20:34
 Operator : MD/SY
 Sample : P1227-06DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

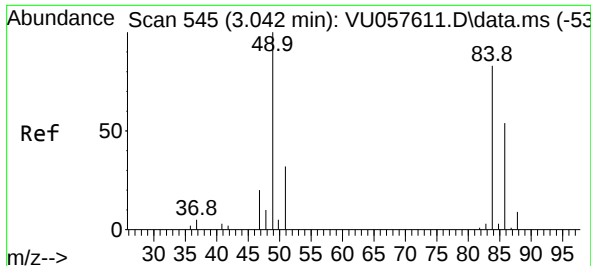
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:57:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

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

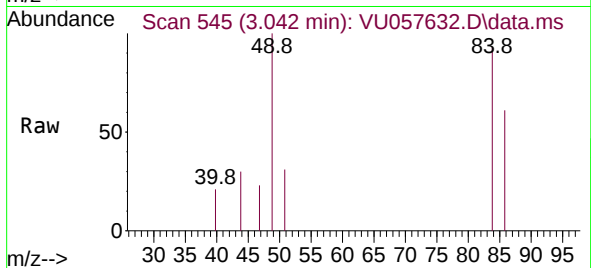
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	57794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	51500	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24318	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	14262	4.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.914	69	12265	4.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.563	65	6692	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.644	46	33591	55.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	5.055	84	30794	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.698	65	15415	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	60093	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.685	67	18690	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	55147	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.177	79	7019	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	25571	55.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	12419	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	17920	5.251	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	1038	0.230	ug/L	92
35) Methylcyclohexane	6.685	83	4346	0.552	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2000	0.453	ug/L #	89
47) Tetrachloroethene	8.547	164	28808	8.050	ug/L	98
49) Dibromochloromethane	8.547	129	29182	7.840	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3070	1.258	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.762	75	254	0.553	ug/L #	5

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

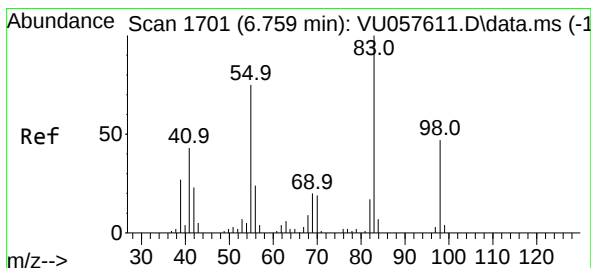
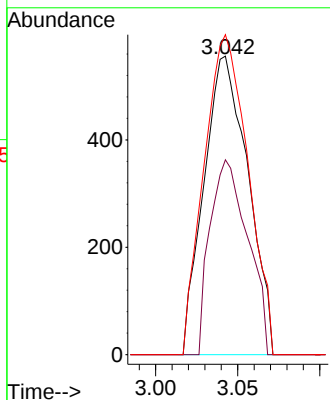
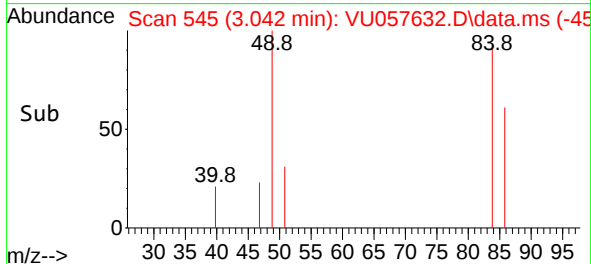


#16
Methylene chloride
Concen: 0.230 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057632.D
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Instrument :
MSVOA_U
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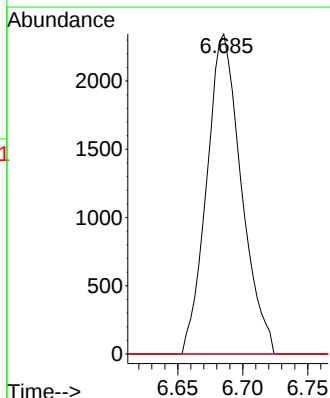
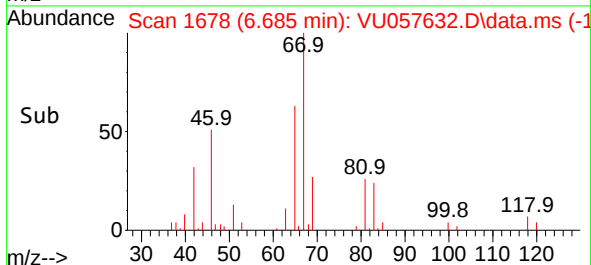
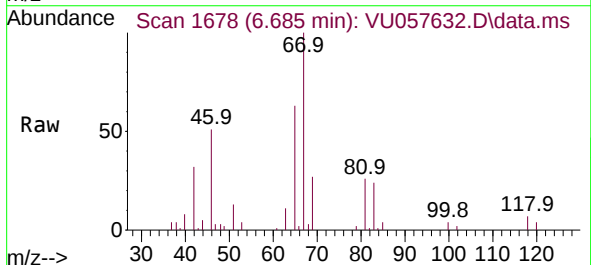


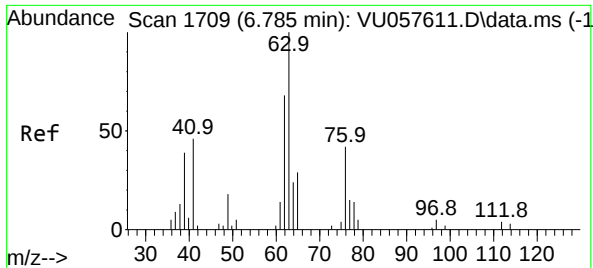
Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
86 65.3 43.5 80.9
49 107.2 82.5 153.1



#35
Methylcyclohexane
Concen: 0.552 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057632.D
Acq: 24 Jan 2024 20:34

Tgt Ion: 83 Resp: 4346
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

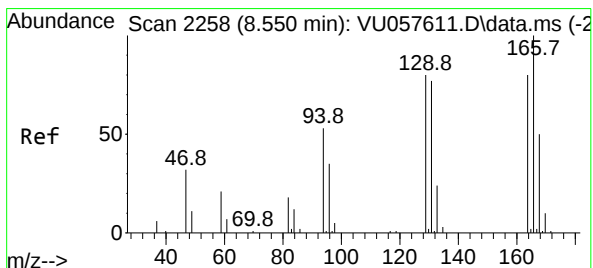
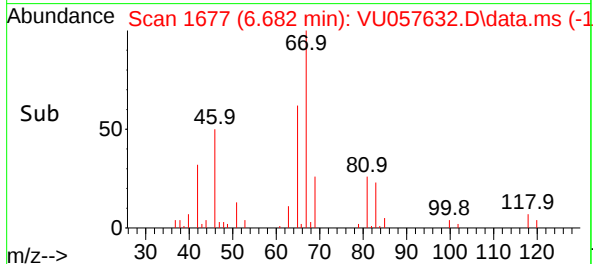
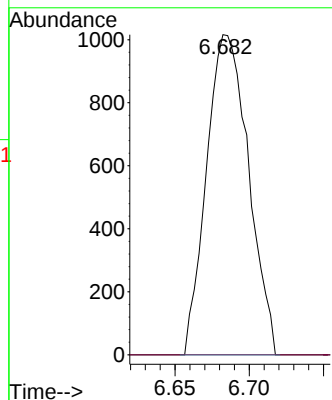
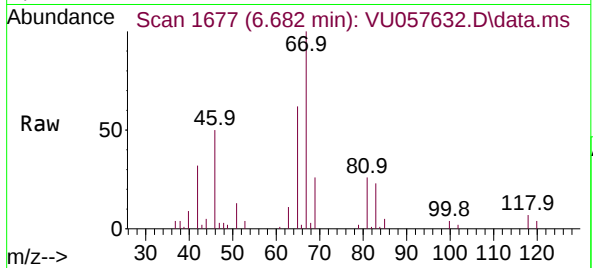




#37
1,2-Dichloropropane
Concen: 0.453 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057632.D
Acq: 24 Jan 2024 20:34

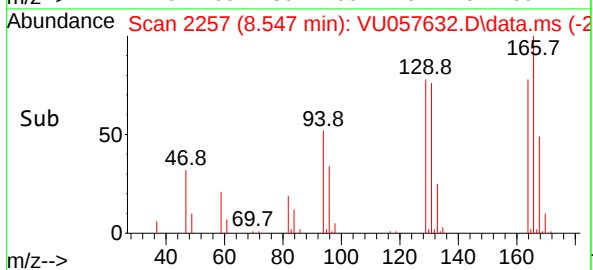
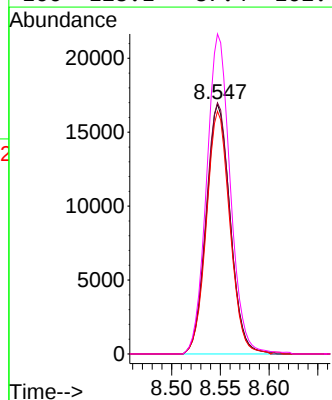
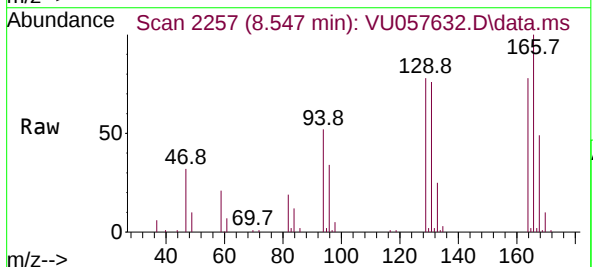
Instrument :
MSVOA_U
ClientSampleId :

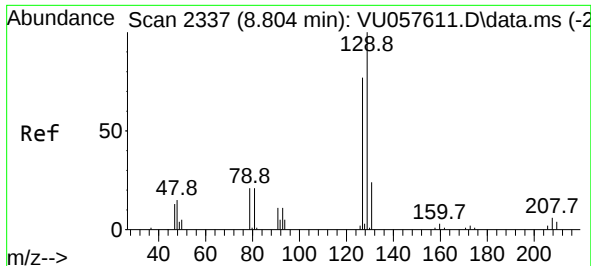
Tgt Ion: 63 Resp: 2000
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 8.050 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057632.D
Acq: 24 Jan 2024 20:34

Tgt Ion:164 Resp: 28808
Ion Ratio Lower Upper
164 100
129 100.5 71.3 132.5
131 97.1 68.1 126.5
166 128.1 87.4 162.4





#49

Dibromochloromethane

Concen: 7.840 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057632.D

Acq: 24 Jan 2024 20:34

Instrument :

MSVOA_U

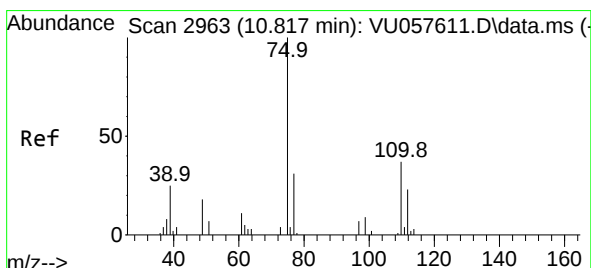
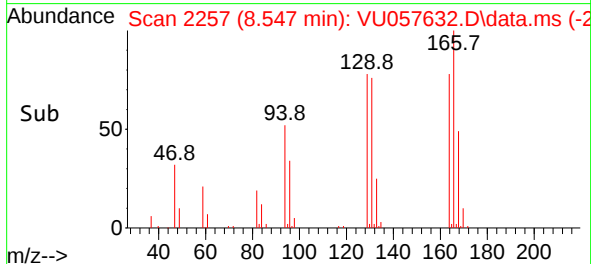
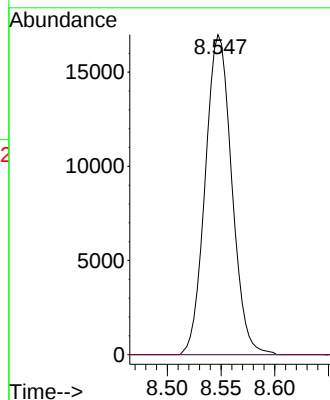
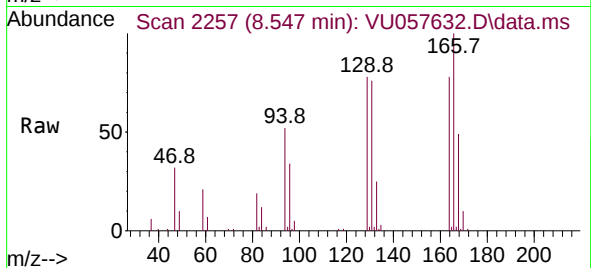
ClientSampleId :

Tgt Ion:129 Resp: 29182

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.258 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057632.D

Acq: 24 Jan 2024 20:34

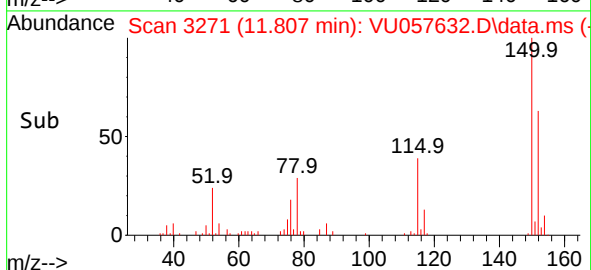
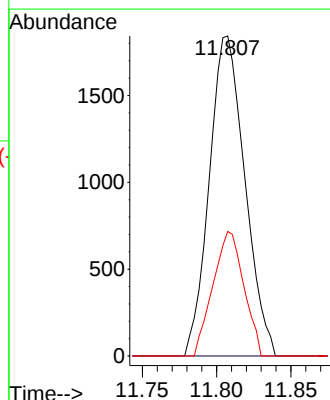
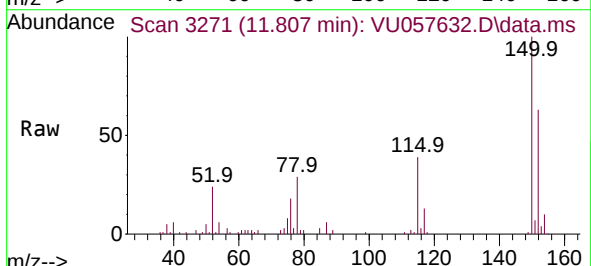
Tgt Ion: 75 Resp: 3070

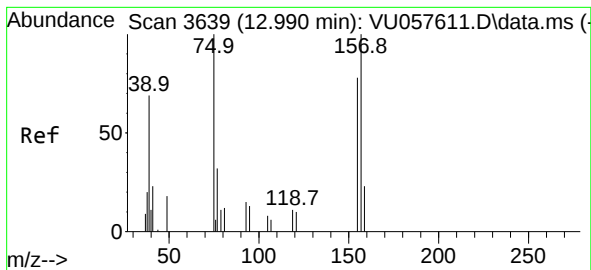
Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

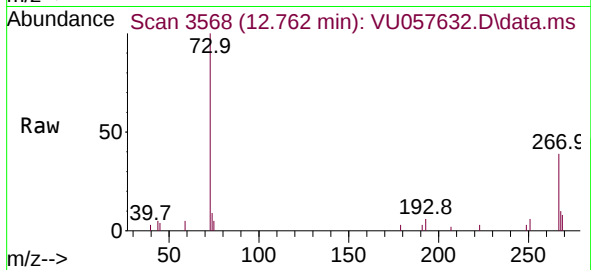
77 33.7 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.553 ug/L
 RT: 12.762 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057632.D
 Acq: 24 Jan 2024 20:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 254
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

