

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057475.D
 Acq On : 12 Jan 2024 12:16
 Operator : MD/SY
 Sample : P1062-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:36:42 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)

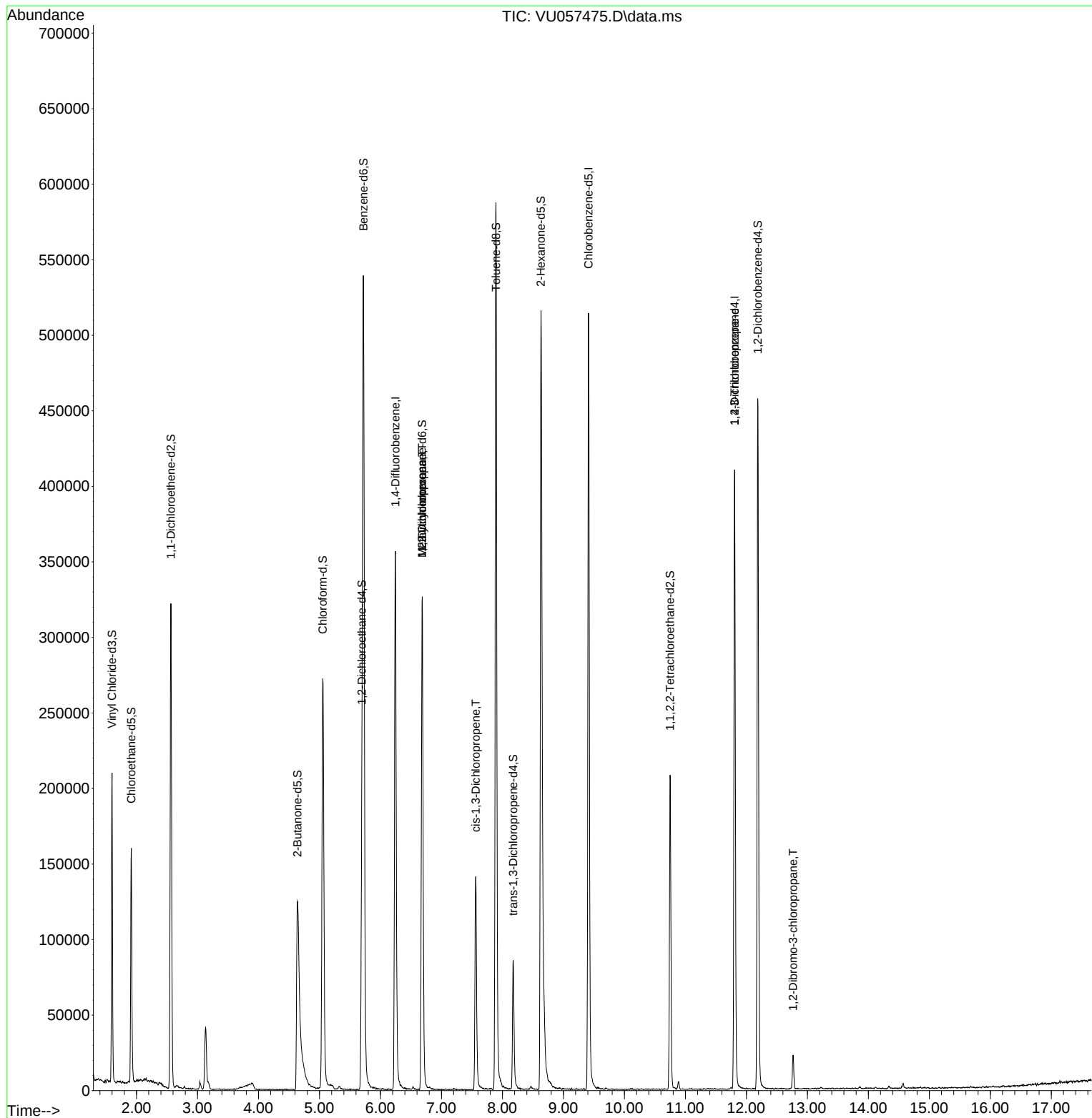
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	278407	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	285644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	105597	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	147742	5.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5		1.914	69	117542	5.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2		2.563	65	62407	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.400%	
20) 2-Butanone-d5		4.640	46	276465	51.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.480%	
24) Chloroform-d		5.055	84	258779	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4		5.695	65	130785	5.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%	
32) Benzene-d6		5.721	84	509667	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6		6.685	67	157634	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%	
41) Toluene-d8		7.894	98	393863	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...		8.177	79	51902	4.596	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5		8.631	63	180358	44.110	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.220%	
56) 1,1,2,2-Tetrachloroeth...		10.750	84	107604	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4		12.187	152	116302	5.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%	
Target Compounds							
						Qvalue	
35) Methylcyclohexane		6.682	83	36289	1.238	ug/L #	15
37) 1,2-Dichloropropane		6.682	63	17264	0.725	ug/L #	90
39) cis-1,3-Dichloropropene		7.563	75	3933	0.125	ug/L #	31
61) 1,2,3-Trichloropropane		11.807	75	14515	1.469	ug/L #	66
68) 1,2-Dibromo-3-chloropr...		12.766	75	756	0.399	ug/L #	10

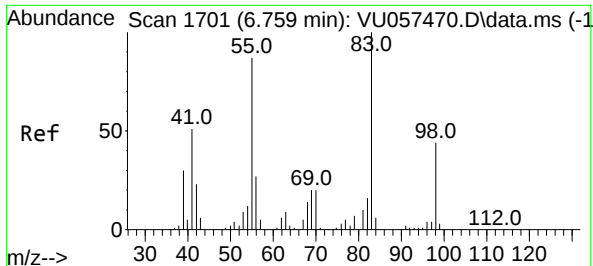
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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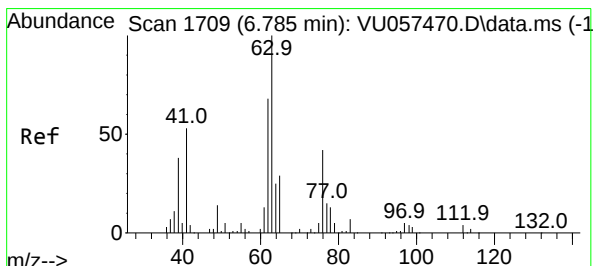
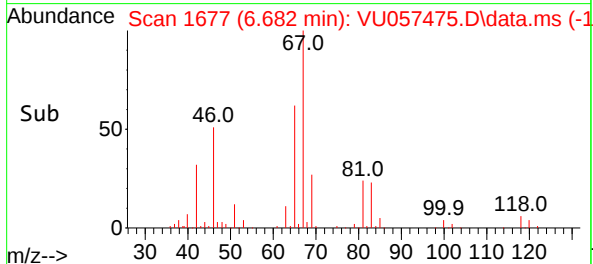
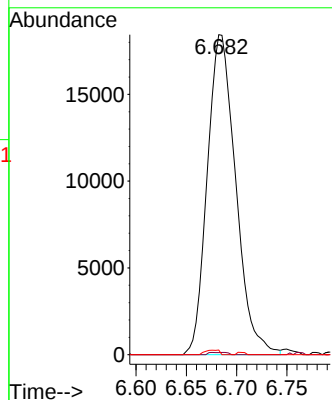
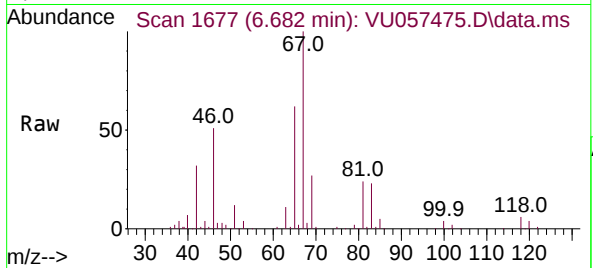




#35
Methylcyclohexane
Concen: 1.238 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057475.D
Acq: 12 Jan 2024 12:16

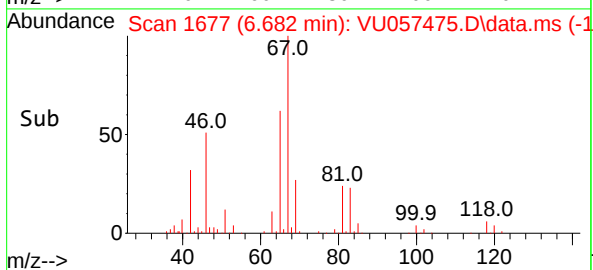
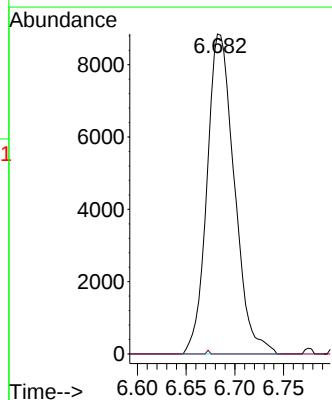
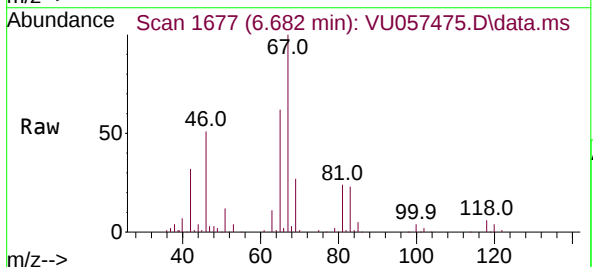
Instrument :
MSVOA_U
ClientSampleId :

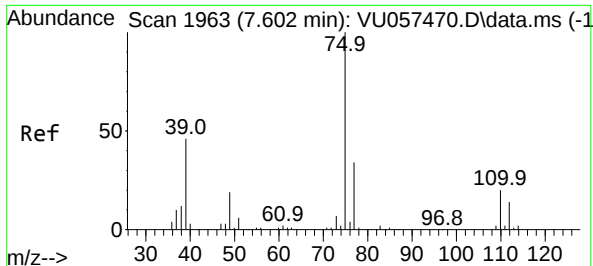
Tgt Ion: 83 Resp: 36289
Ion Ratio Lower Upper
83 100
55 0.2 68.7 103.1#
98 0.7 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057475.D
Acq: 12 Jan 2024 12:16

Tgt Ion: 63 Resp: 17264
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.563 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU057475.D

Acq: 12 Jan 2024 12:16

Instrument :

MSVOA_U

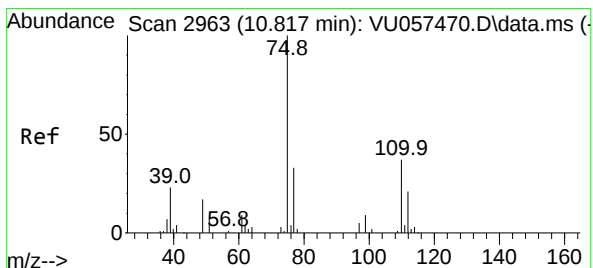
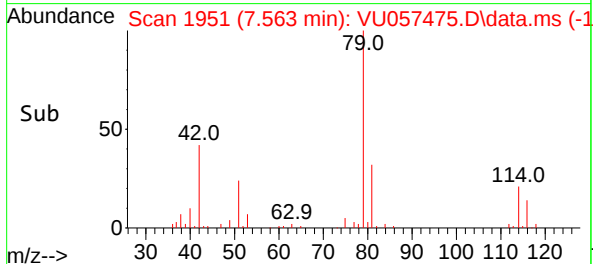
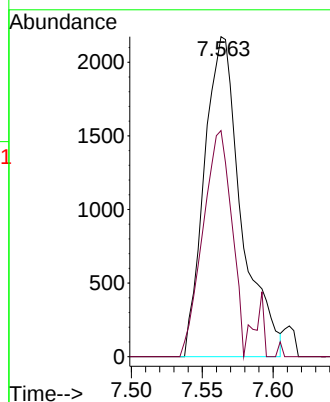
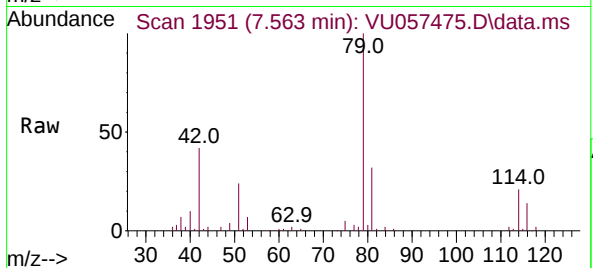
ClientSampleId :

Tgt Ion: 75 Resp: 3933

Ion Ratio Lower Upper

75 100

77 70.7 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 1.469 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057475.D

Acq: 12 Jan 2024 12:16

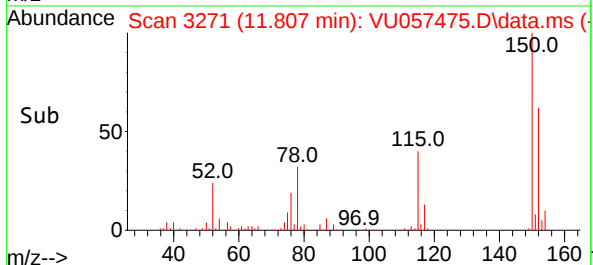
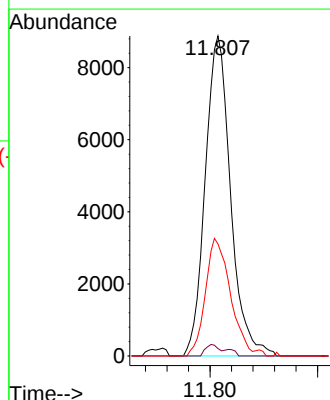
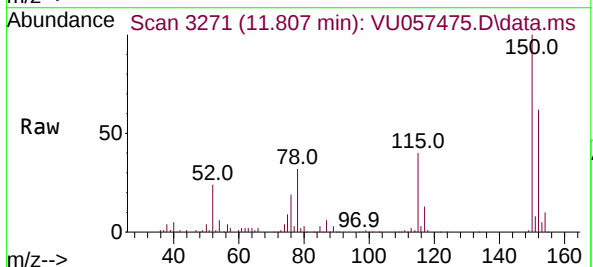
Tgt Ion: 75 Resp: 14515

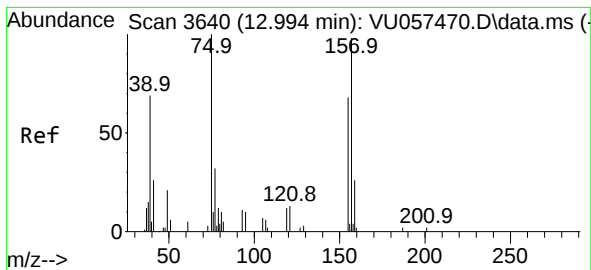
Ion Ratio Lower Upper

75 100

110 1.8 29.4 44.0#

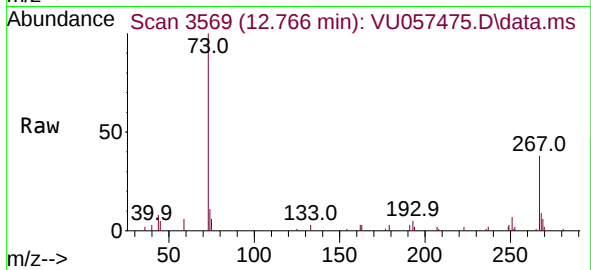
77 36.5 26.2 39.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.399 ug/L
 RT: 12.766 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057475.D
 Acq: 12 Jan 2024 12:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 756
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.4 83.0#
 157 0.0 68.6 102.8#

