

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056790.D
 Acq On : 12 Dec 2023 16:56
 Operator : MD/SY
 Sample : 05664-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

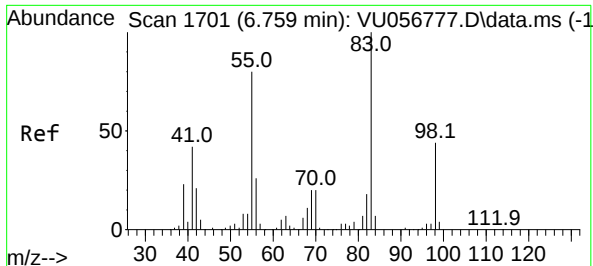
Instrument :
 MSVOA_U
 ClientSampleId :
 EOY42

Quant Time: Dec 13 00:34:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275087	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	277483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87245	3.700	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.907	69	72406	4.103	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.563	65	39215	3.887	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.800%	
20) 2-Butanone-d5	4.618	46	200585	43.075	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.160%	
24) Chloroform-d	5.055	84	187058	4.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.695	65	92291	4.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.721	84	358197	4.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.682	67	114027	4.233	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.894	98	296827	3.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.174	79	41092	3.933	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.627	63	158226	40.157	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.320%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81276	4.170	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	103629	4.495	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	26639	0.675	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12876	0.516	ug/L #	88
42) Toluene	7.968	91	29129	0.289	ug/L	100
48) 2-Hexanone	8.631	43	21138	2.506	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	16908	1.343	ug/L #	65
65) 1,4-Dichlorobenzene	11.833	146	7050	0.163	ug/L	88

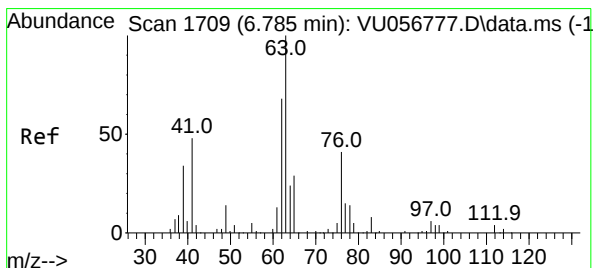
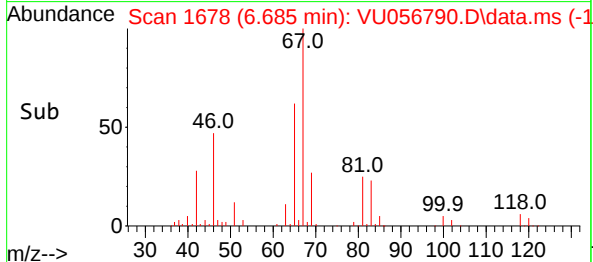
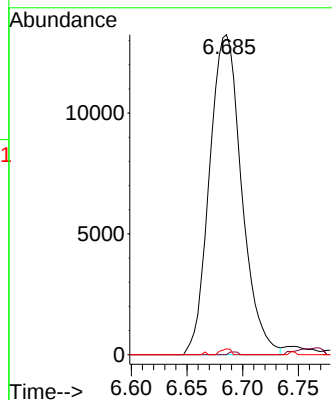
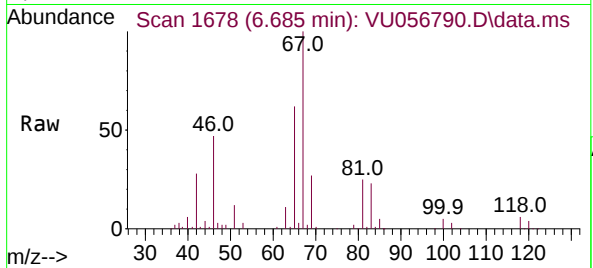
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056790.D
Acq: 12 Dec 2023 16:56

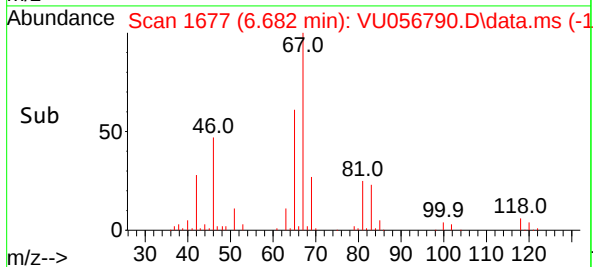
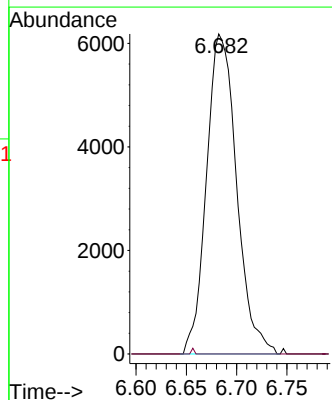
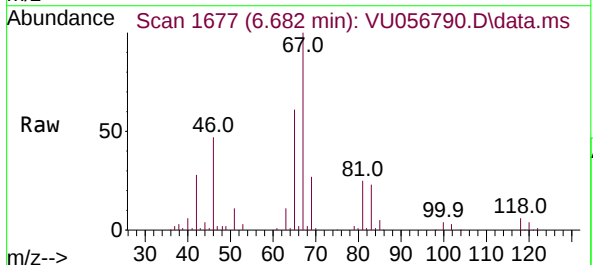
Instrument :
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E0Y42

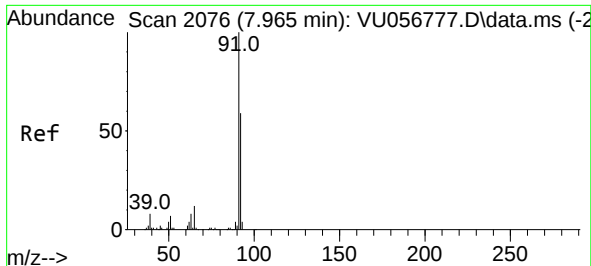
Tgt Ion: 83 Resp: 26639
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.6 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056790.D
Acq: 12 Dec 2023 16:56

Tgt Ion: 63 Resp: 12876
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#42

Toluene

Concen: 0.289 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056790.D

Acq: 12 Dec 2023 16:56

Instrument :

MSVOA_U

ClientSampleId :

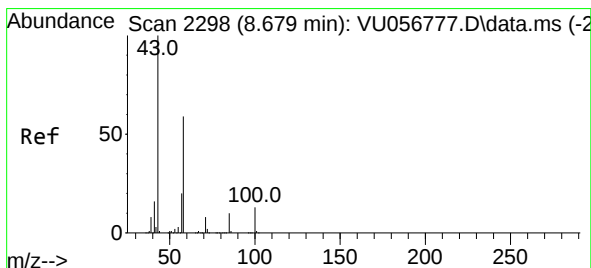
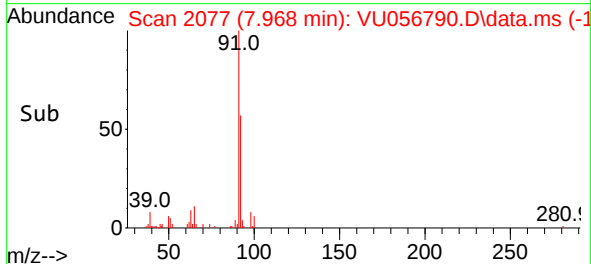
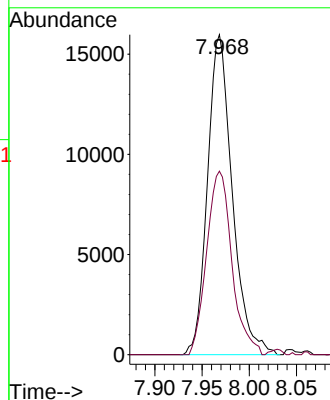
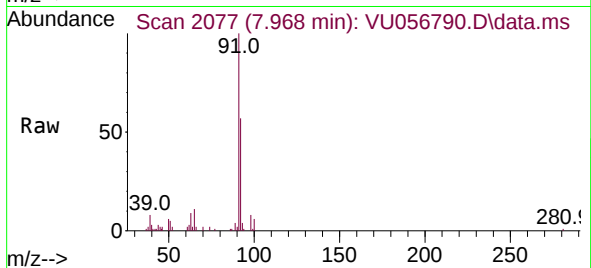
E0Y42

Tgt Ion: 91 Resp: 29129

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#48

2-Hexanone

Concen: 2.506 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU056790.D

Acq: 12 Dec 2023 16:56

Tgt Ion: 43 Resp: 21138

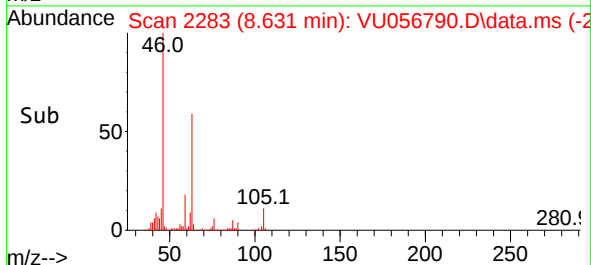
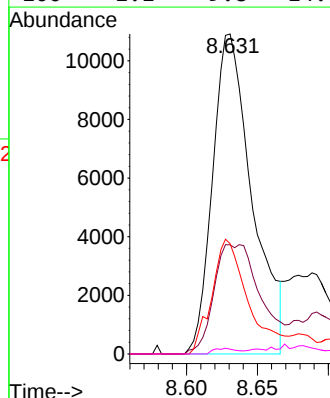
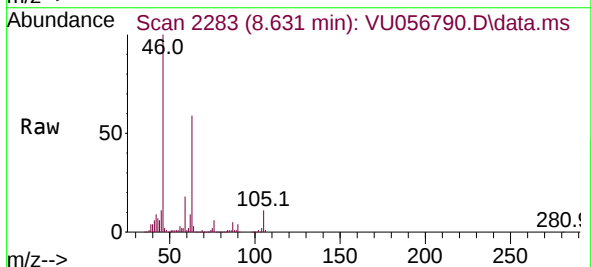
Ion Ratio Lower Upper

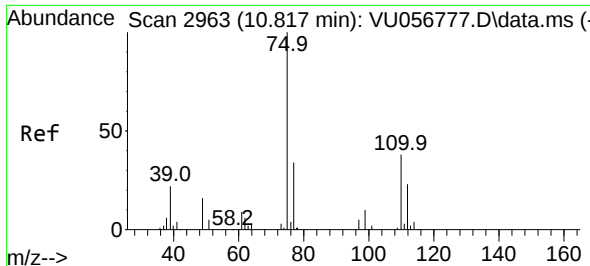
43 100

58 40.7 47.5 71.3#

57 33.7 17.0 25.4#

100 1.1 9.8 14.8#

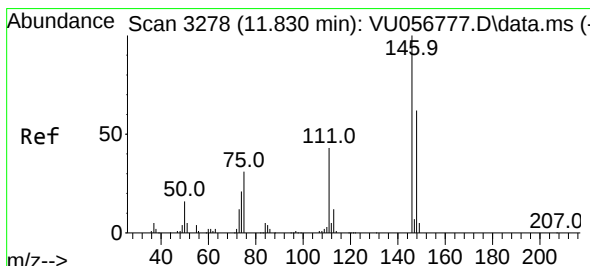
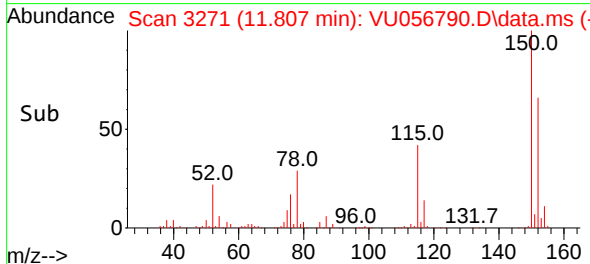
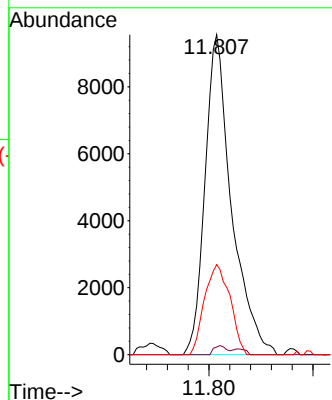
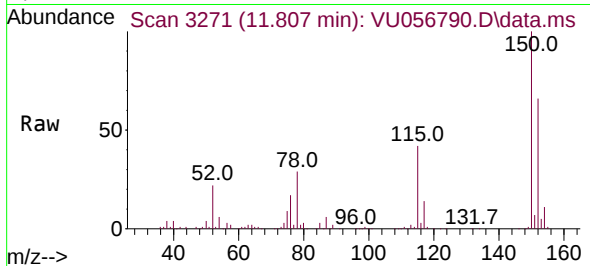




#61
1,2,3-Trichloropropane
Concen: 1.343 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056790.D
Acq: 12 Dec 2023 16:56

Instrument :
MSVOA_U
ClientSampleId :
E0Y42

Tgt Ion: 75 Resp: 16908
Ion Ratio Lower Upper
75 100
110 1.4 28.4 42.6#
77 27.1 26.3 39.5



#65
1,4-Dichlorobenzene
Concen: 0.163 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056790.D
Acq: 12 Dec 2023 16:56

Tgt Ion:146 Resp: 7050
Ion Ratio Lower Upper
146 100
111 34.8 31.2 58.0
148 57.6 45.6 84.8

