

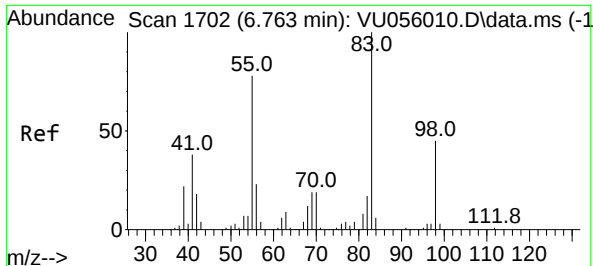
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056017.D
 Acq On : 31 Oct 2023 16:41
 Operator : MD/SY
 Sample : 05112-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:11:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	330828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	326887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	152384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83864	3.205	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.000%	
7) Chloroethane-d5	1.914	69	84043	4.120	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.400%	
11) 1,1-Dichloroethene-d2	2.567	65	39165	3.525	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.628	46	237651	50.903	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.800%	
24) Chloroform-d	5.058	84	218443	4.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.698	65	106104	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.724	84	425847	4.373	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.689	67	137842	4.775	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.898	98	352005	3.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.181	79	47114	4.173	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.631	63	191775	66.918	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.840%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104492	4.971	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	134434	4.728	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	32033	1.176	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13961	0.729	ug/L #	89
42) Toluene	7.968	91	17004	0.226	ug/L	90
47) Tetrachloroethene	8.553	164	8436	0.597	ug/L	93
48) 2-Hexanone	8.689	43	20441	2.816	ug/L #	79
49) Dibromochloromethane	8.550	129	8526	0.577	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17027	1.628	ug/L #	63

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



#35

Methylcyclohexane

Concen: 1.176 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU056017.D

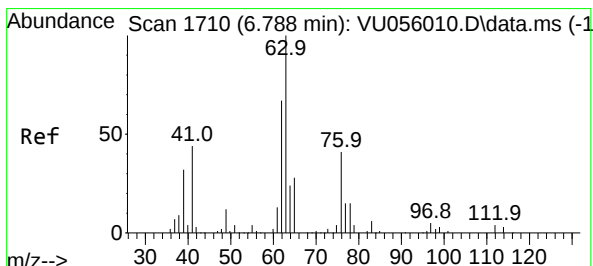
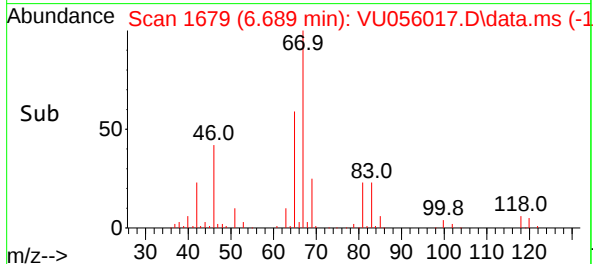
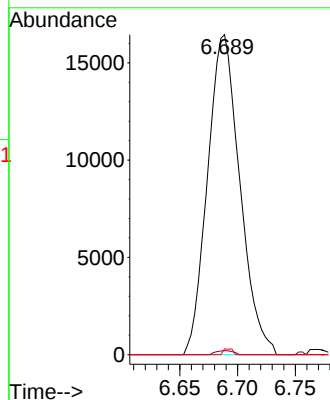
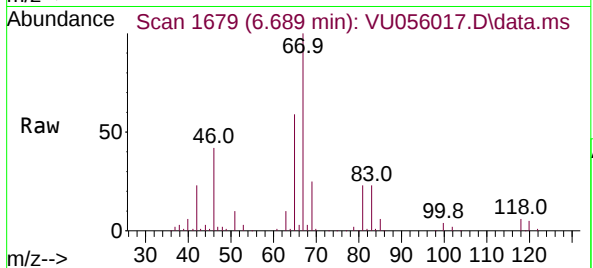
Acq: 31 Oct 2023 16:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 32033
Ion Ratio	Lower Upper
83 100	
55 0.7	62.4 93.6#
98 0.5	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.729 ug/L

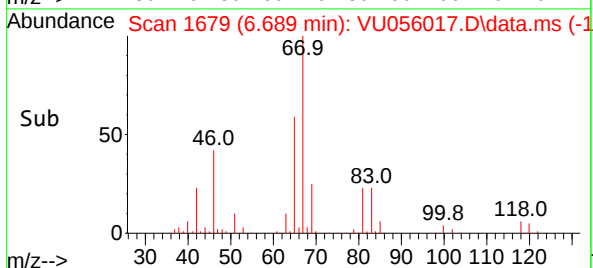
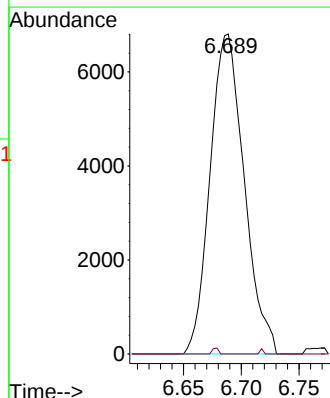
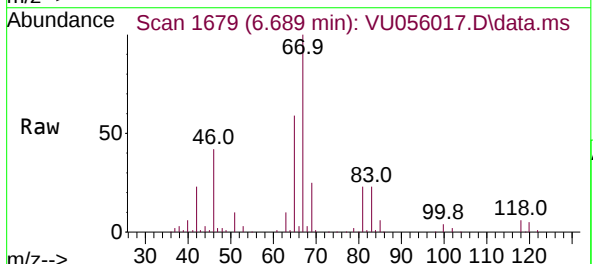
RT: 6.689 min Scan# 1679

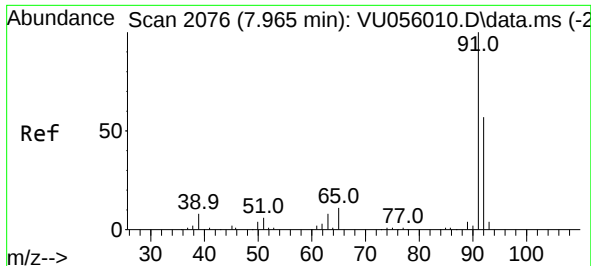
Delta R.T. -0.100 min

Lab File: VU056017.D

Acq: 31 Oct 2023 16:41

Tgt Ion: 63	Resp: 13961
Ion Ratio	Lower Upper
63 100	
112 0.3	3.1 4.7#





#42

Toluene

Concen: 0.226 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056017.D

Acq: 31 Oct 2023 16:41

Instrument :

MSVOA_U

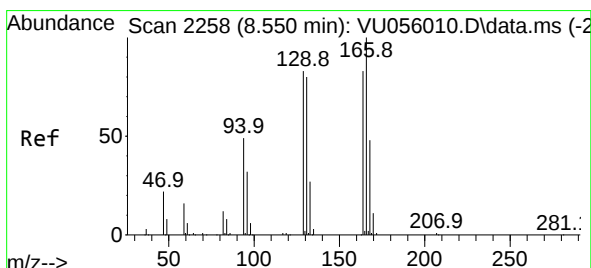
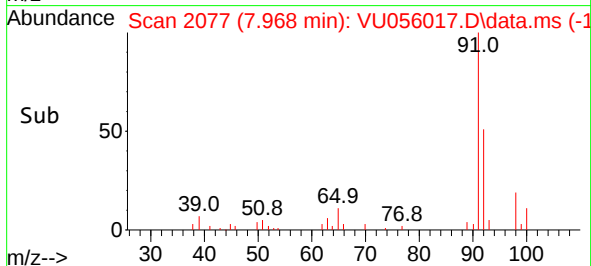
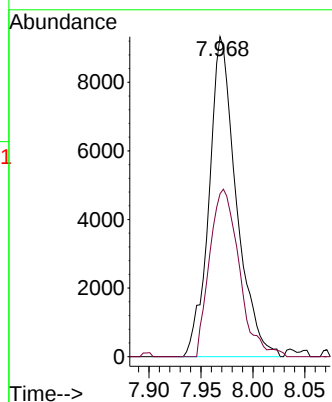
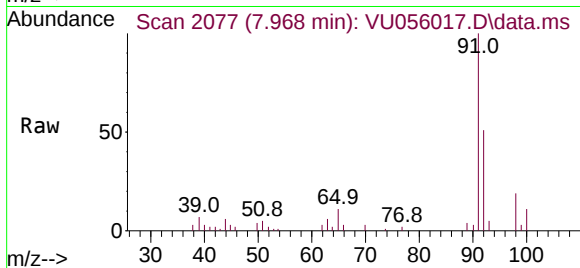
ClientSampleId :

Tgt Ion: 91 Resp: 17004

Ion Ratio Lower Upper

91 100

92 50.9 40.6 75.4



#47

Tetrachloroethene

Concen: 0.597 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU056017.D

Acq: 31 Oct 2023 16:41

Tgt Ion: 164 Resp: 8436

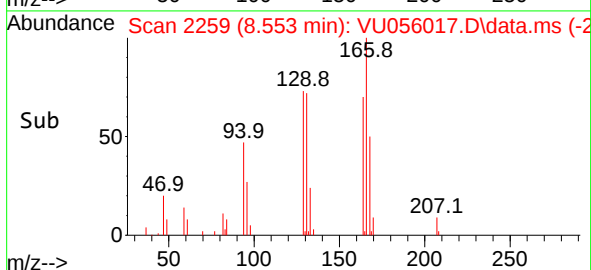
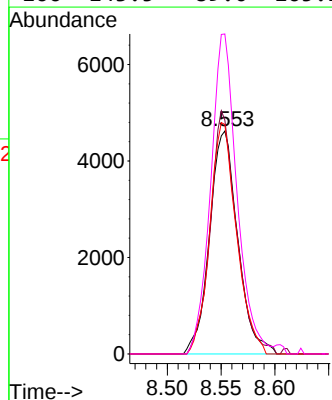
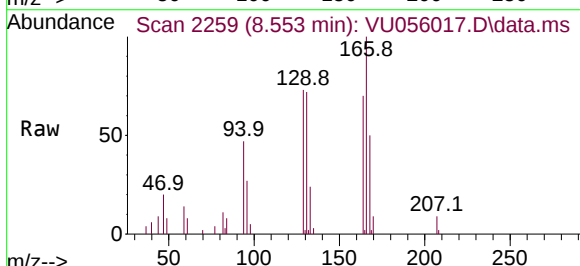
Ion Ratio Lower Upper

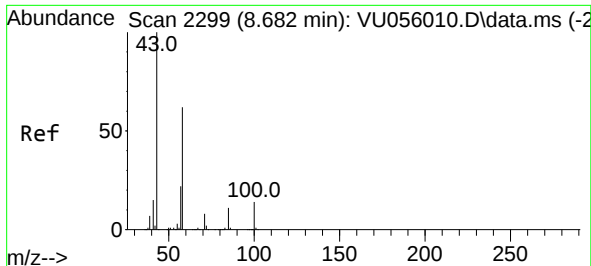
164 100

129 104.9 72.2 134.0

131 102.9 70.8 131.6

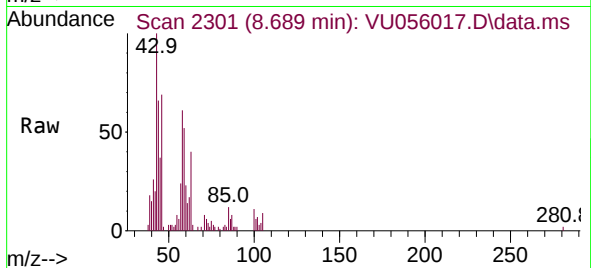
166 143.5 89.0 165.2



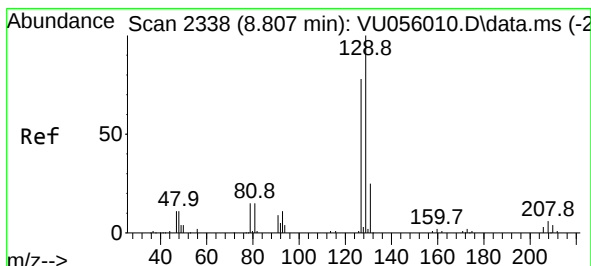
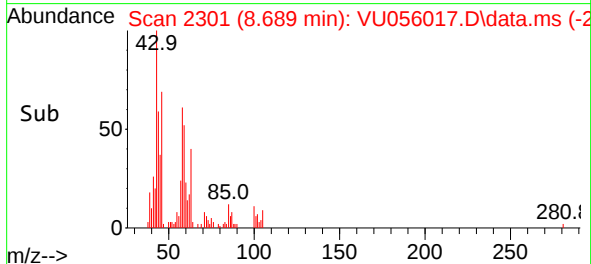
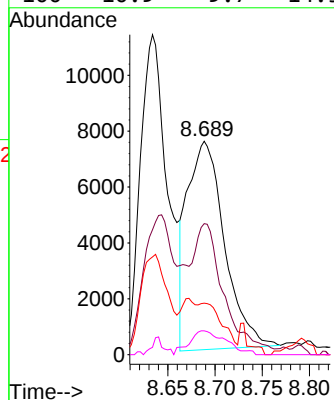


#48
2-Hexanone
Concen: 2.816 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056017.D
Acq: 31 Oct 2023 16:41

Instrument :
MSVOA_U
ClientSampleId :

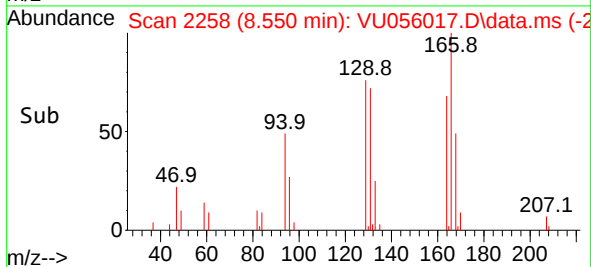
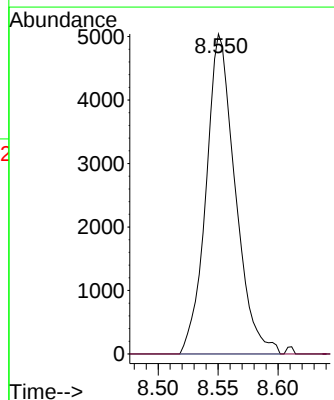
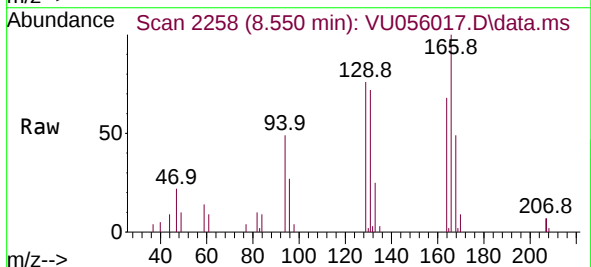


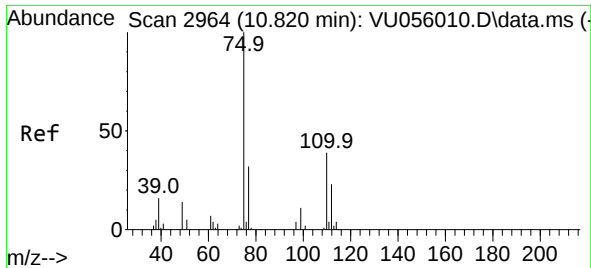
Tgt Ion: 43 Resp: 20441
Ion Ratio Lower Upper
43 100
58 47.2 49.5 74.3#
57 3.2 16.9 25.3#
100 10.9 9.7 14.5



#49
Dibromochloromethane
Concen: 0.577 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056017.D
Acq: 31 Oct 2023 16:41

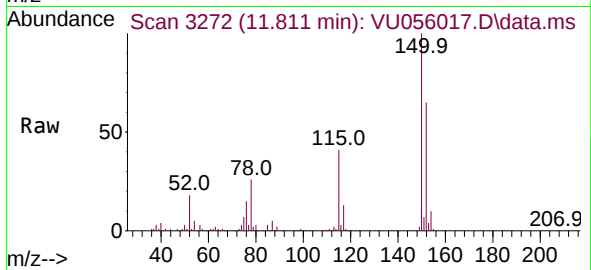
Tgt Ion: 129 Resp: 8526
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.628 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056017.D
 Acq: 31 Oct 2023 16:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17027
 Ion Ratio Lower Upper
 75 100
 110 2.2 29.0 43.6#
 77 36.9 24.5 36.7#

