

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056976.D
 Acq On : 17 Dec 2023 18:29
 Operator : MD/SY
 Sample : 05842-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:19:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

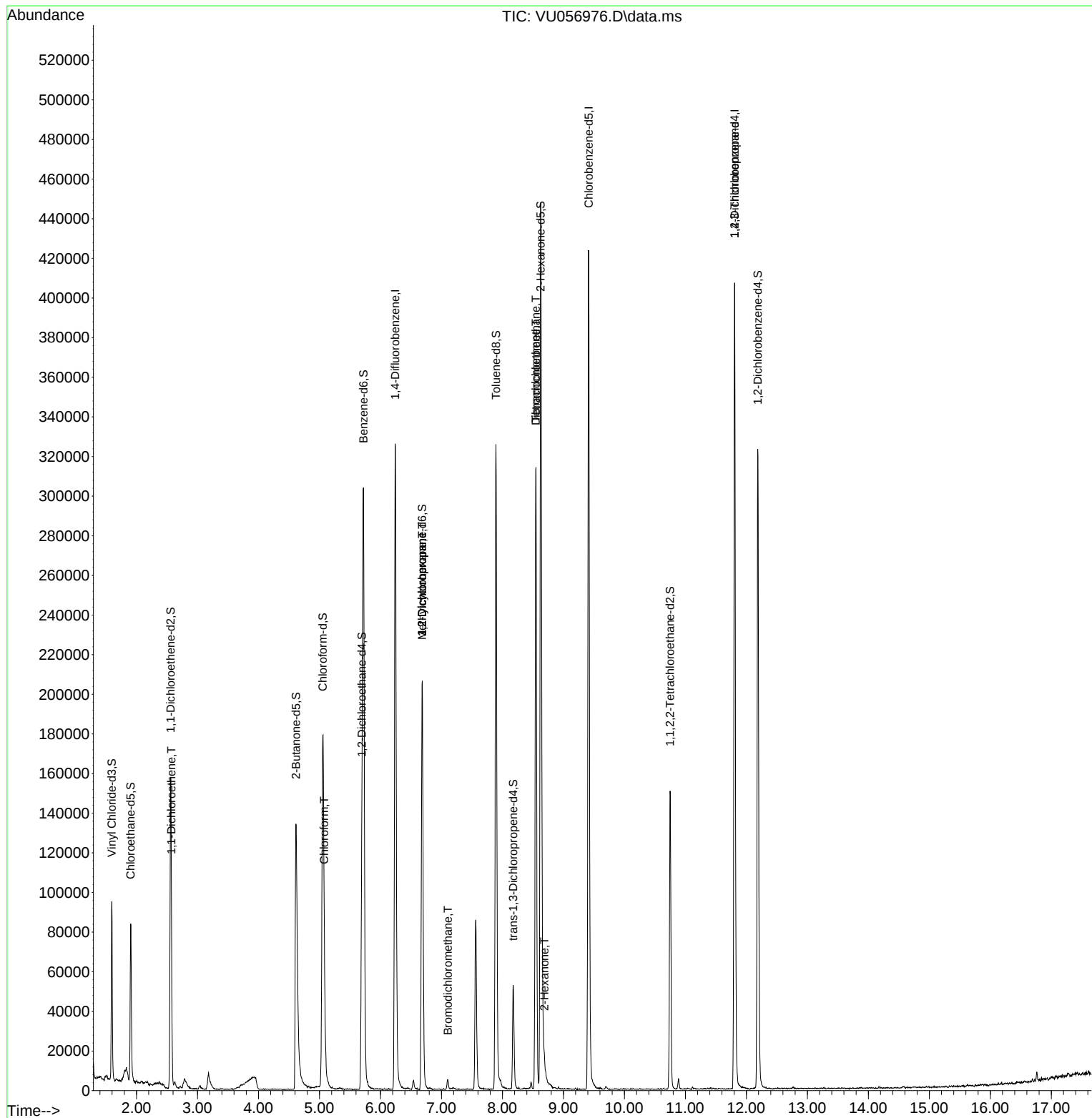
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	264070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64095	2.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.904	69	62569	3.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	29122	3.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	4.615	46	205326	45.933	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.860%
24) Chloroform-d	5.055	84	166398	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.695	65	82585	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.721	84	291490	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.685	67	101479	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.894	98	225604	3.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.177	79	31554	3.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.627	63	146574	42.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	76395	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	87476	4.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	4580	0.214	ug/L #	1
25) Chloroform	5.078	83	30798	0.703	ug/L	97
35) Methylcyclohexane	6.682	83	23549	0.676	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10289	0.468	ug/L #	91
38) Bromodichloromethane	7.107	83	3763	0.134	ug/L	96
47) Tetrachloroethene	8.550	164	68602	4.154	ug/L	95
48) 2-Hexanone	8.688	43	5285	0.710	ug/L #	85
49) Dibromochloromethane	8.547	129	68657	4.015	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13253	1.129	ug/L #	70

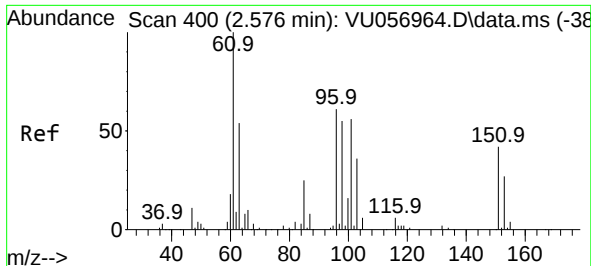
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.214 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU056976.D

Acq: 17 Dec 2023 18:29

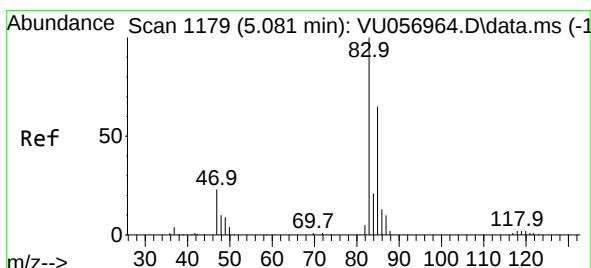
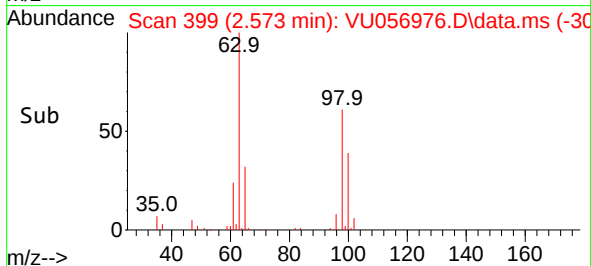
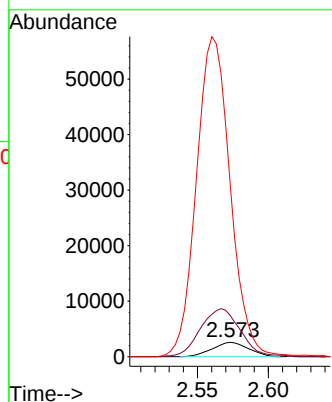
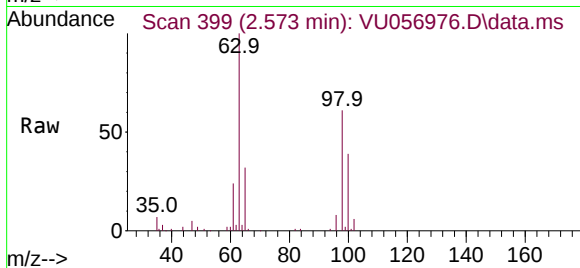
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 4580

Ion	Ratio	Lower	Upper
96	100		
61	285.7	119.0	221.0#
63	1202.9	88.7	164.7#



#25

Chloroform

Concen: 0.703 ug/L

RT: 5.078 min Scan# 1178

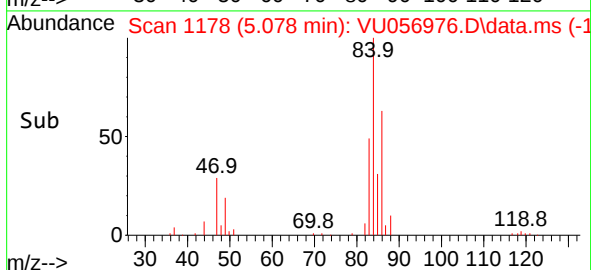
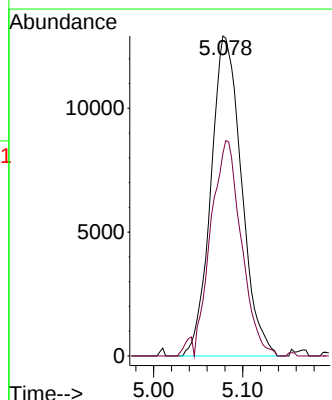
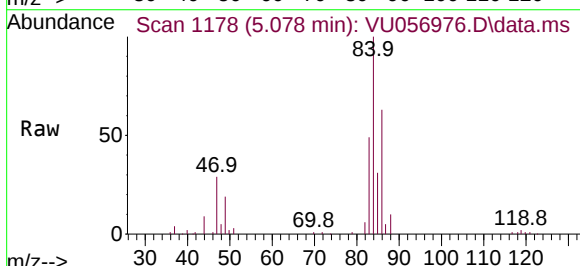
Delta R.T. -0.003 min

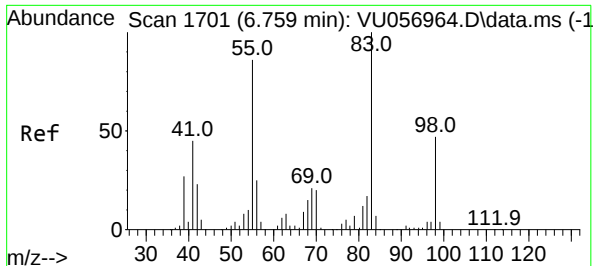
Lab File: VU056976.D

Acq: 17 Dec 2023 18:29

Tgt Ion: 83 Resp: 30798

Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.8	85.0





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056976.D

Acq: 17 Dec 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

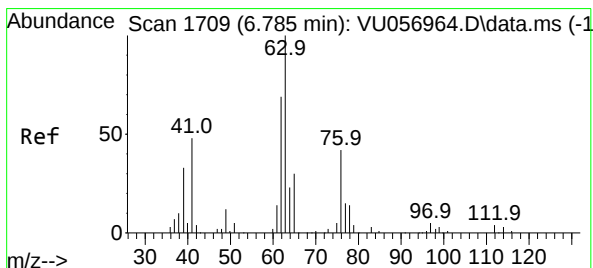
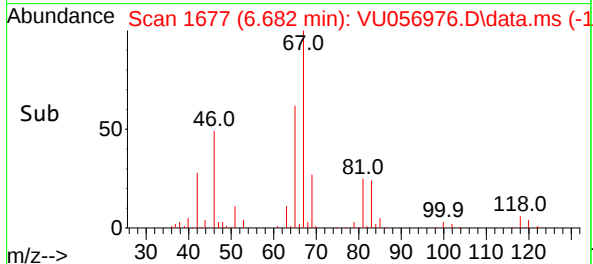
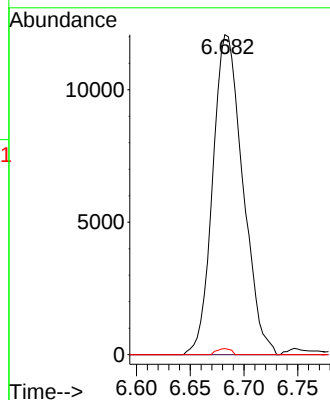
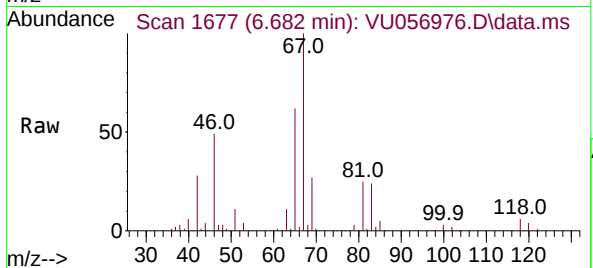
Tgt Ion: 83 Resp: 23549

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.9 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056976.D

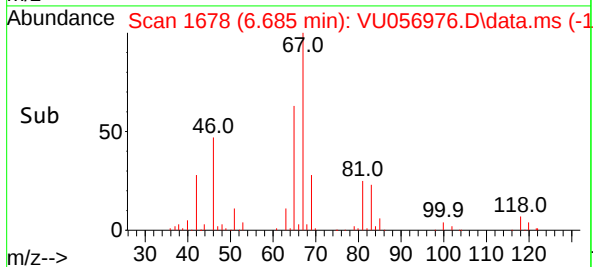
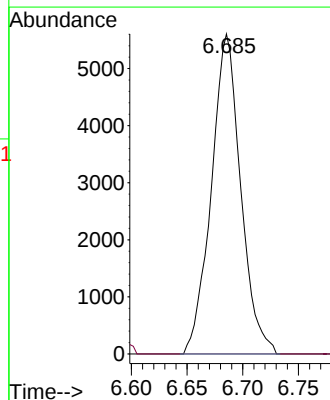
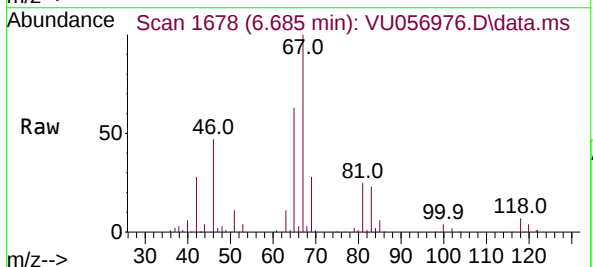
Acq: 17 Dec 2023 18:29

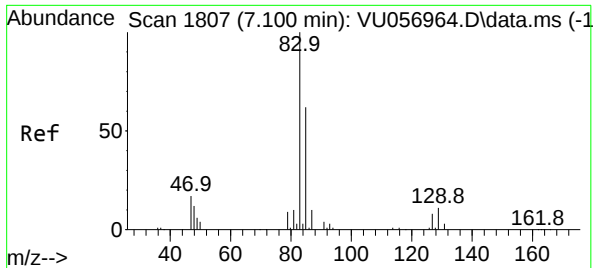
Tgt Ion: 63 Resp: 10289

Ion Ratio Lower Upper

63 100

112 1.3 3.3 4.9#

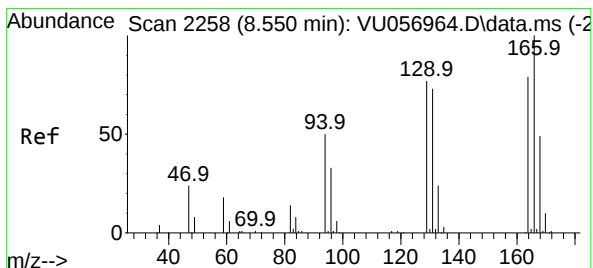
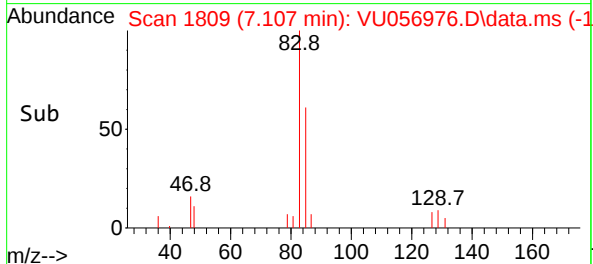
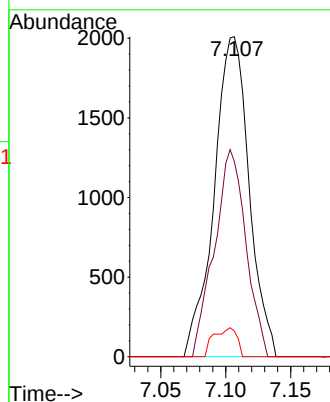
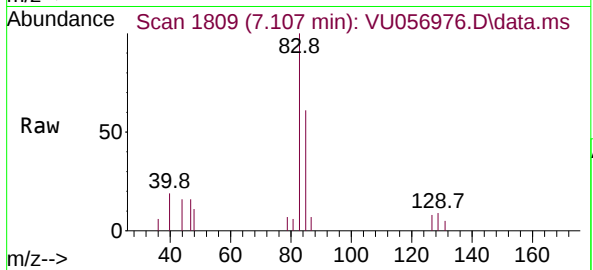




#38
Bromodichloromethane
Concen: 0.134 ug/L
RT: 7.107 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VU056976.D
Acq: 17 Dec 2023 18:29

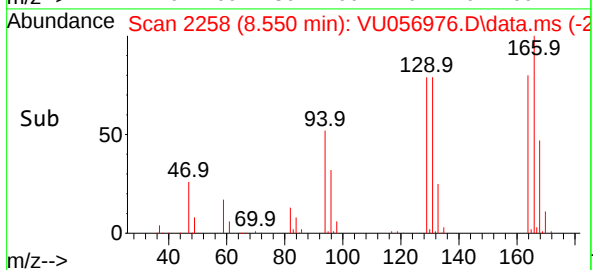
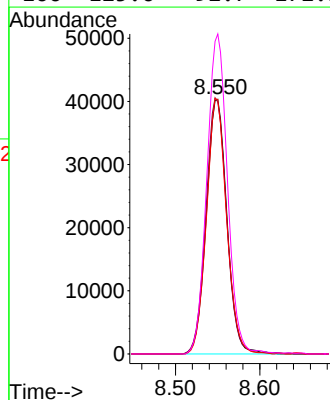
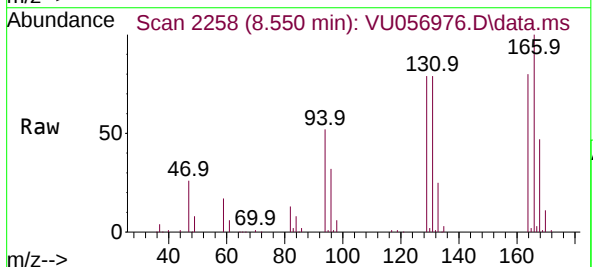
Instrument :
MSVOA_U
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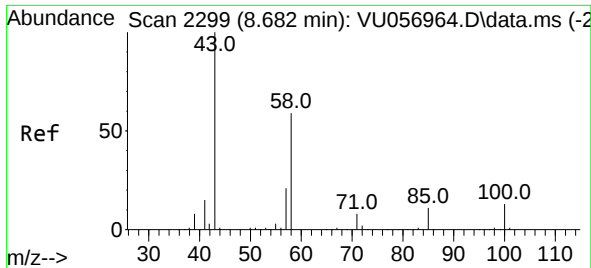
Tgt Ion: 83 Resp: 3763
Ion Ratio Lower Upper
83 100
85 61.0 45.0 83.6
127 8.1 7.0 10.4



#47
Tetrachloroethene
Concen: 4.154 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056976.D
Acq: 17 Dec 2023 18:29

Tgt Ion:164 Resp: 68602
Ion Ratio Lower Upper
164 100
129 98.9 73.4 136.4
131 99.8 71.5 132.9
166 125.6 92.7 172.1

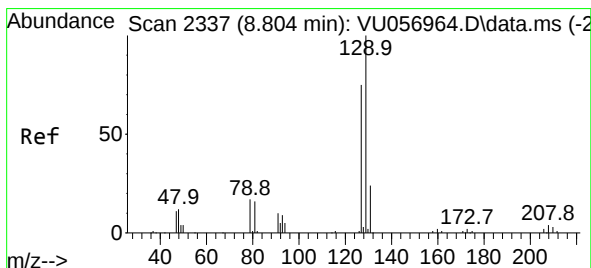
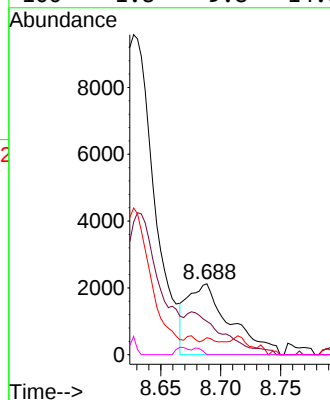
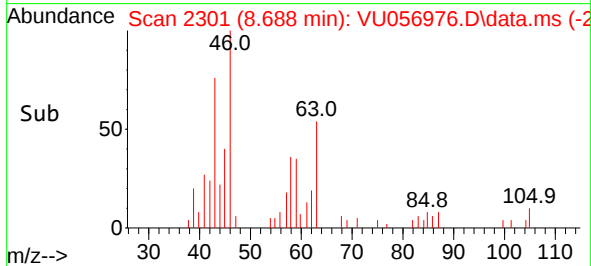
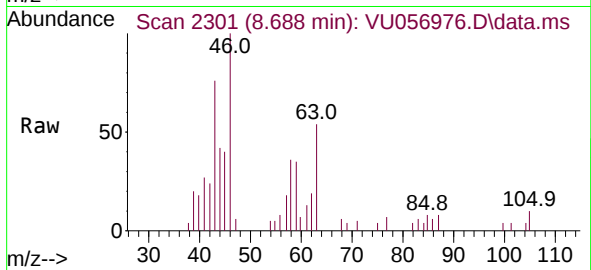




#48
2-Hexanone
Concen: 0.710 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056976.D
Acq: 17 Dec 2023 18:29

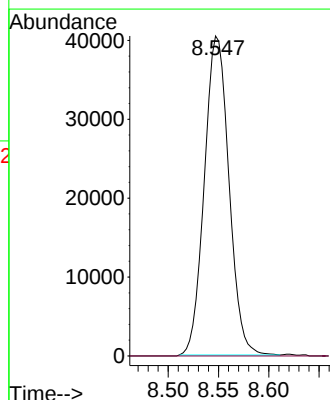
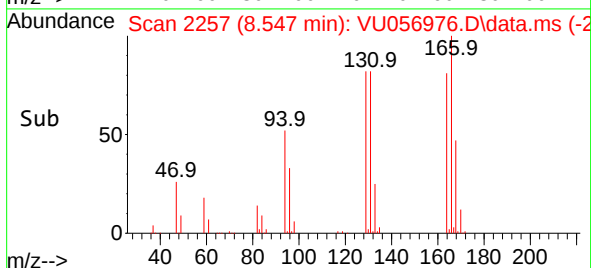
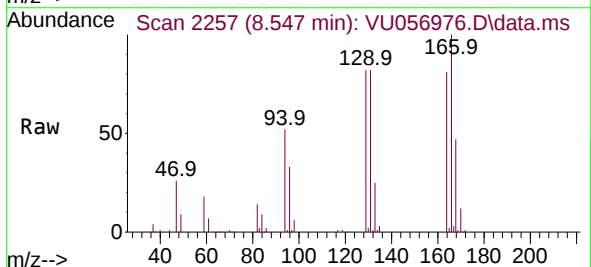
Instrument :
MSVOA_U
ClientSampleId :

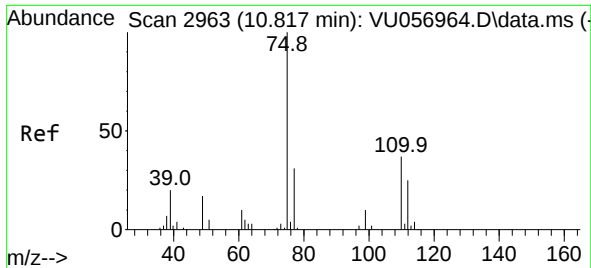
Tgt Ion: 43 Resp: 5285
Ion Ratio Lower Upper
43 100
58 50.3 47.5 71.3
57 12.6 17.0 25.4#
100 1.8 9.8 14.8#



#49
Dibromochloromethane
Concen: 4.015 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056976.D
Acq: 17 Dec 2023 18:29

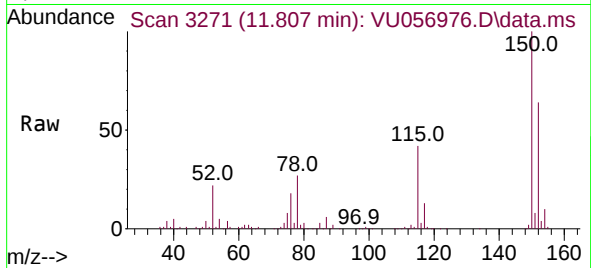
Tgt Ion: 129 Resp: 68657
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.129 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056976.D
 Acq: 17 Dec 2023 18:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13253
 Ion Ratio Lower Upper
 75 100
 110 2.7 28.4 42.6#
 77 32.5 26.3 39.5

