

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056754.D
 Acq On : 12 Dec 2023 00:34
 Operator : MD/SY
 Sample : 05675-01
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:02:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

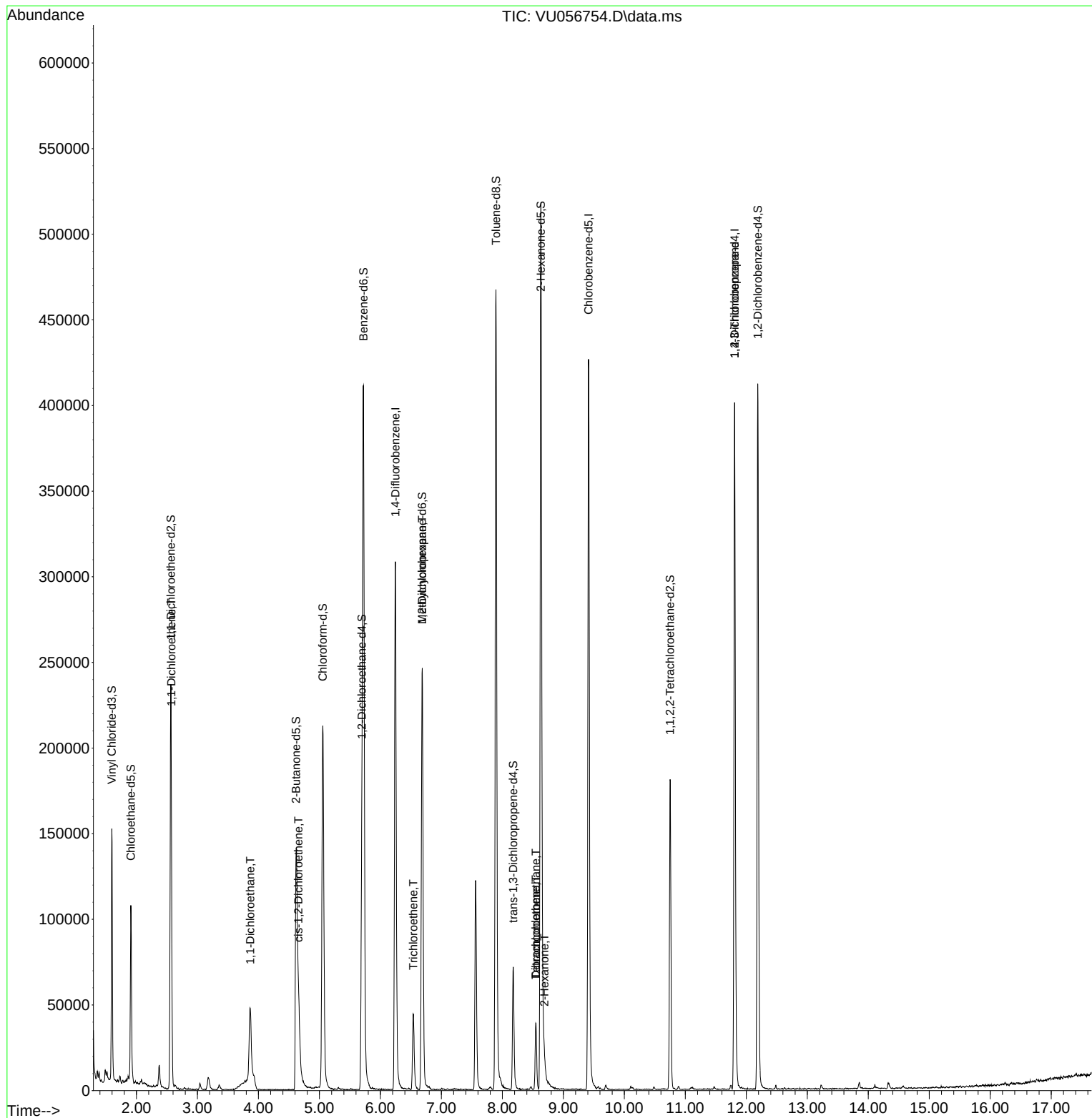
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250081	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	253704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102821	4.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.907	69	74293	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.563	65	45332	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.618	46	230190	54.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.760%
24) Chloroform-d	5.055	84	203161	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	101471	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.721	84	391115	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.685	67	123325	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	330721	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	43888	4.595	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.631	63	181295	50.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91125	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	107152	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	3872	0.191	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	50266	1.269	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	14075	0.628	ug/L	87
34) Trichloroethene	6.541	95	15204	0.622	ug/L	95
35) Methylcyclohexane	6.685	83	30272	0.839	ug/L #	17
47) Tetrachloroethene	8.550	164	8636	0.505	ug/L	99
48) 2-Hexanone	8.689	43	6679	0.866	ug/L	96
49) Dibromochloromethane	8.547	129	9008	0.508	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15356	1.350	ug/L #	68

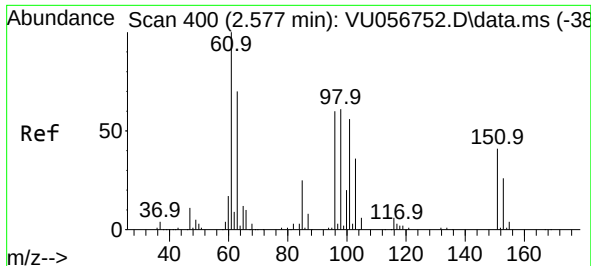
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.191 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

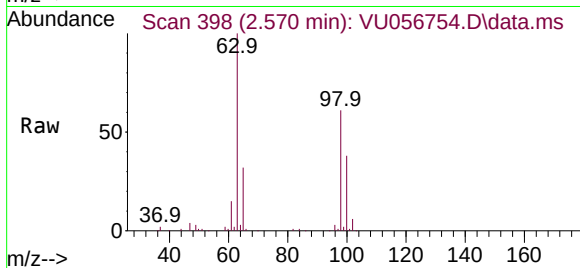
Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

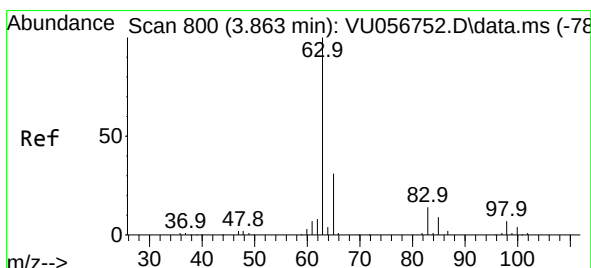
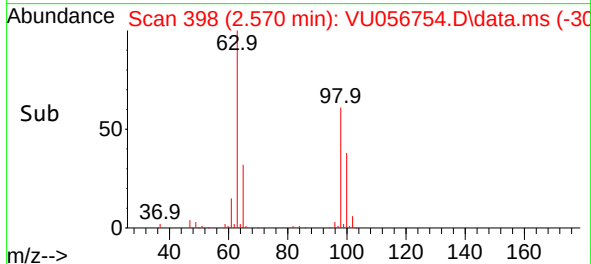
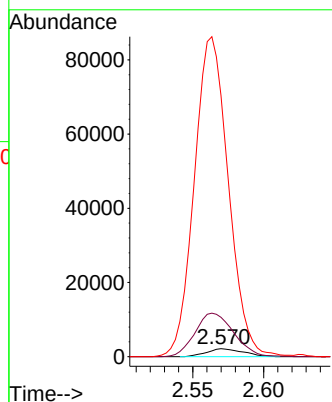
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	3872
Ion	Ratio	Lower	Upper
96	100		
61	495.3	119.0	221.0#
63	3286.3	88.7	164.7#



#19

1,1-Dichloroethane

Concen: 1.269 ug/L

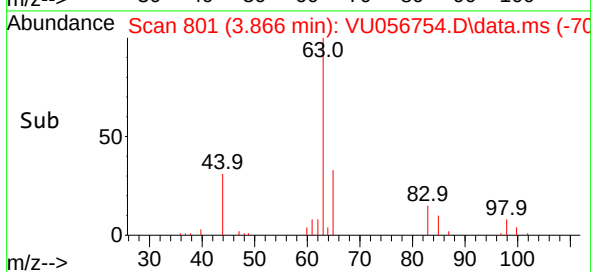
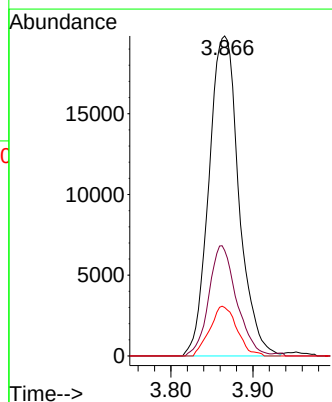
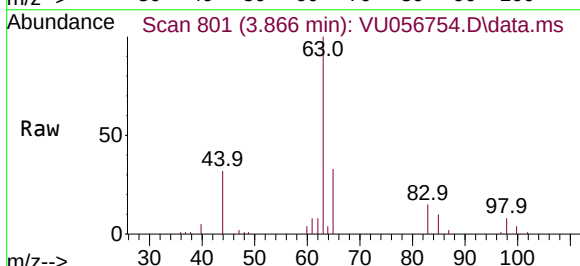
RT: 3.866 min Scan# 801

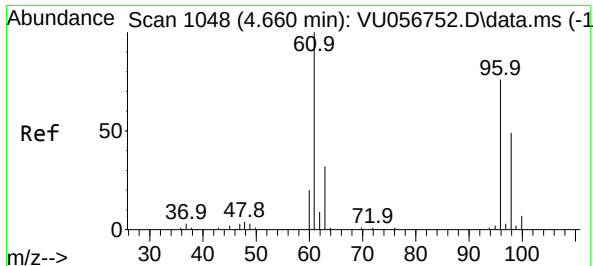
Delta R.T. 0.003 min

Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

Tgt Ion:	63	Resp:	50266
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.9	42.5
83	15.2	10.1	18.9





#22

cis-1,2-Dichloroethene

Concen: 0.628 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

Instrument :

MSVOA_U

ClientSampleId :

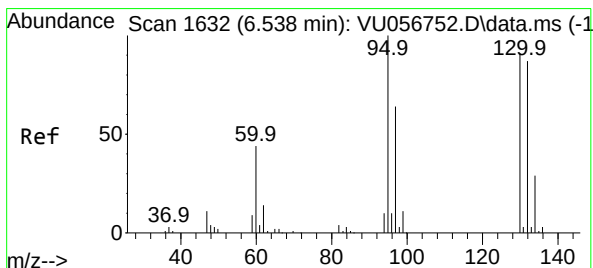
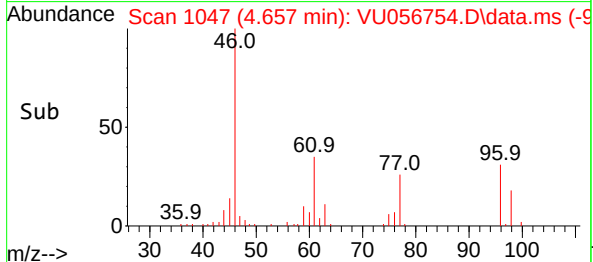
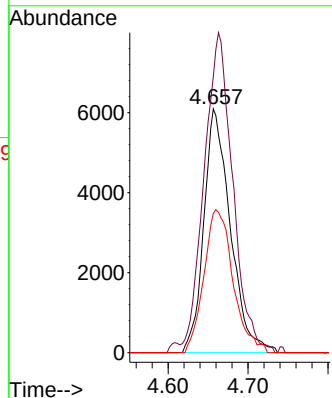
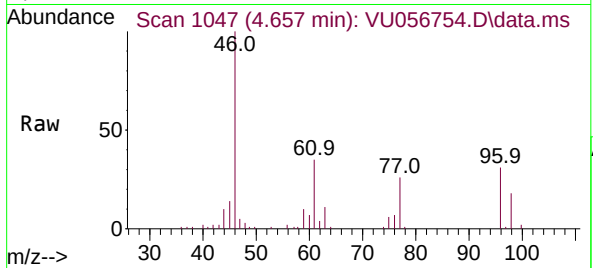
Tgt Ion: 96 Resp: 14075

Ion Ratio Lower Upper

96 100

61 113.2 91.3 169.6

98 57.1 44.2 82.0



#34

Trichloroethene

Concen: 0.622 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

Tgt Ion: 95 Resp: 15204

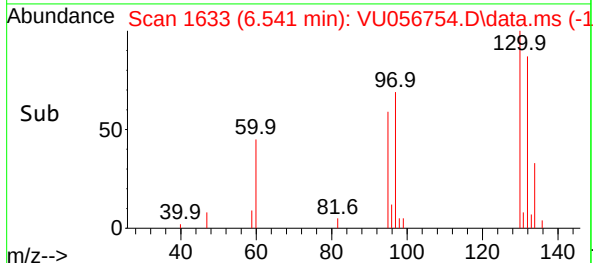
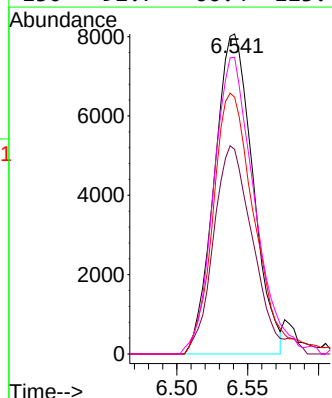
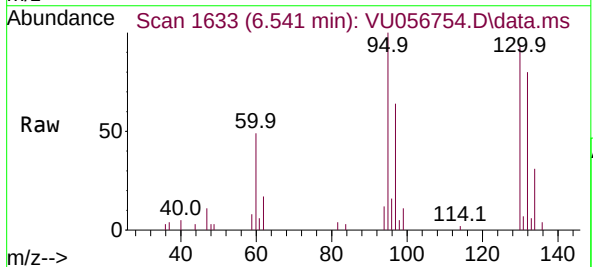
Ion Ratio Lower Upper

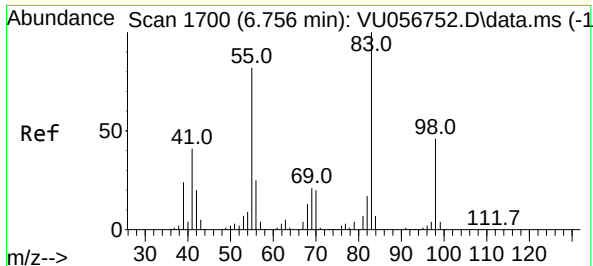
95 100

97 63.9 46.1 85.5

132 80.3 63.6 118.0

130 92.7 66.4 123.4





#35

Methylcyclohexane

Concen: 0.839 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056754.D

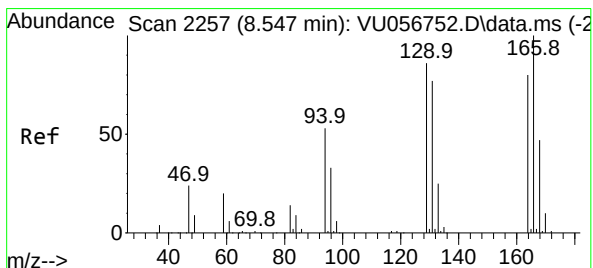
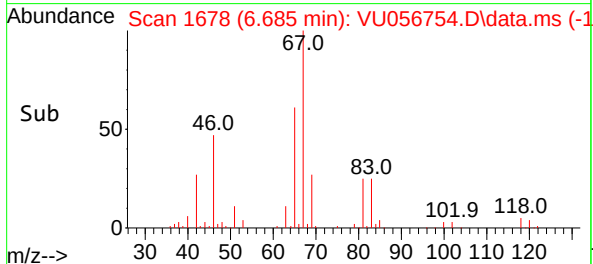
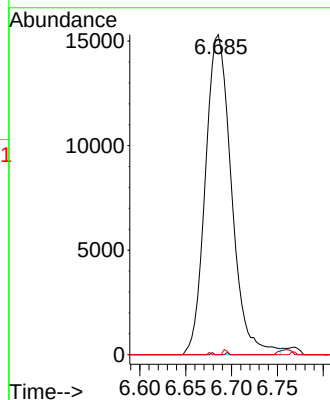
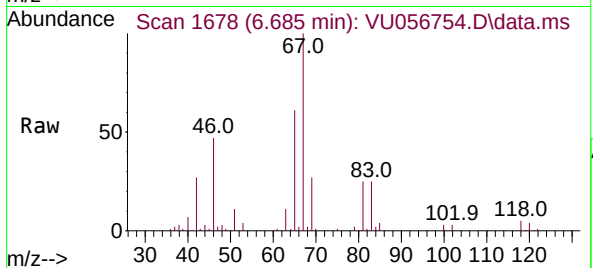
Acq: 12 Dec 2023 00:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 30272
Ion Ratio	Lower Upper
83	100
55	0.1 64.6 97.0#
98	0.3 36.1 54.1#



#47

Tetrachloroethene

Concen: 0.505 ug/L

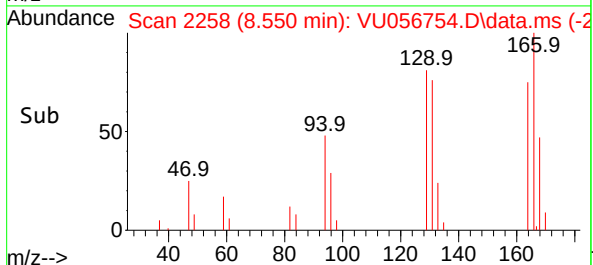
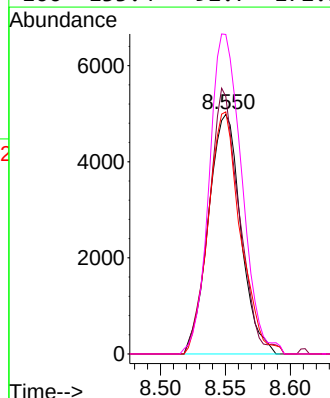
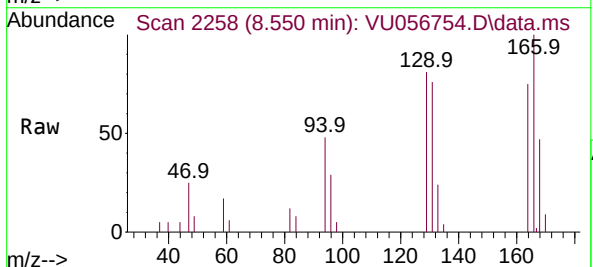
RT: 8.550 min Scan# 2258

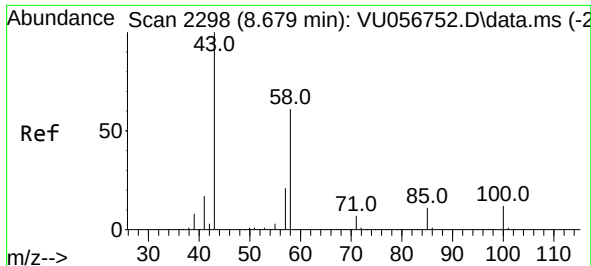
Delta R.T. 0.003 min

Lab File: VU056754.D

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Tgt Ion: 164	Resp: 8636
Ion Ratio	Lower Upper
164	100
129	107.5 73.4 136.4
131	101.1 71.5 132.9
166	133.4 92.7 172.1

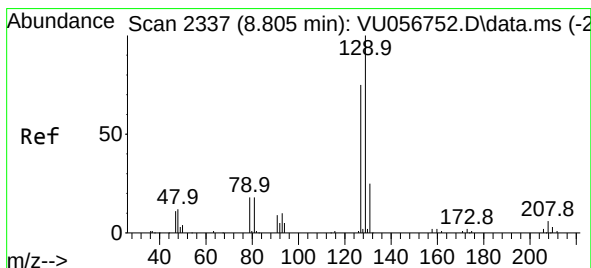
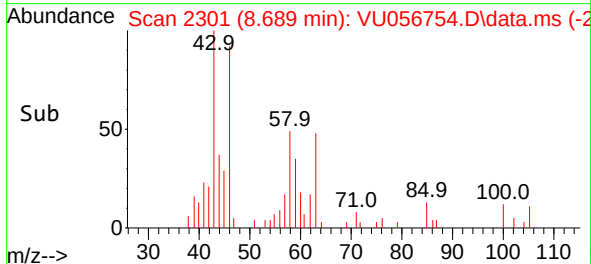
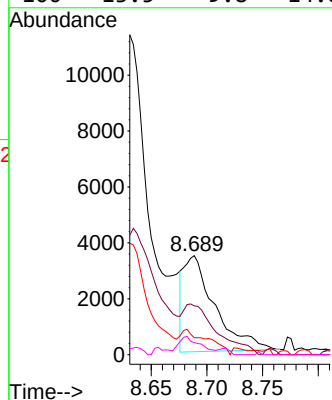
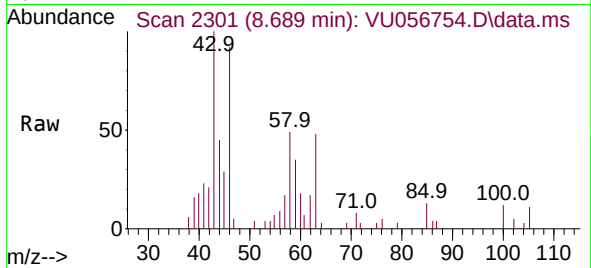




#48
2-Hexanone
Concen: 0.866 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056754.D
Acq: 12 Dec 2023 00:34

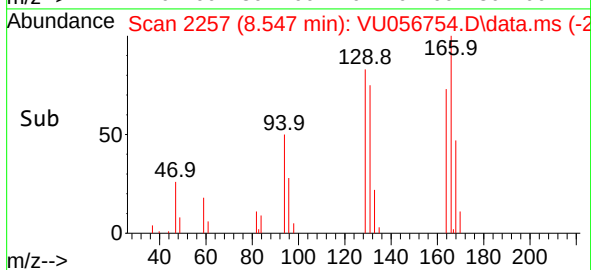
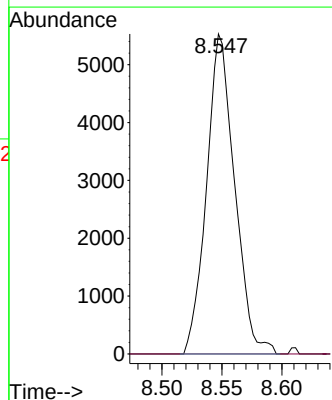
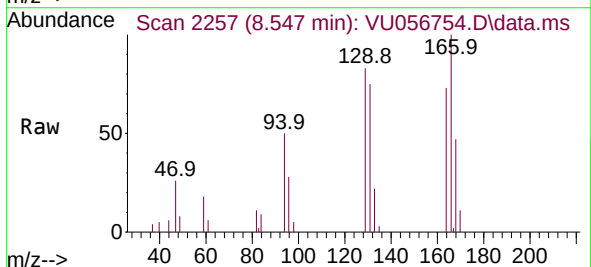
Instrument :
MSVOA_U
ClientSampleId :

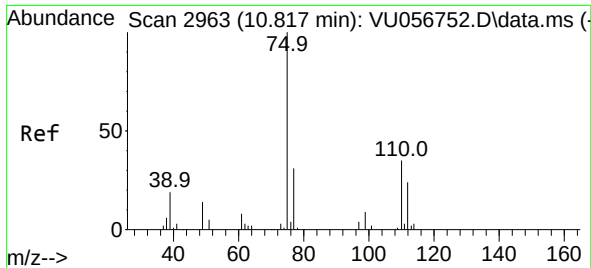
Tgt Ion: 43 Resp: 6679
Ion Ratio Lower Upper
43 100
58 56.0 47.5 71.3
57 23.3 17.0 25.4
100 13.5 9.8 14.8



#49
Dibromochloromethane
Concen: 0.508 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.258 min
Lab File: VU056754.D
Acq: 12 Dec 2023 00:34

Tgt Ion: 129 Resp: 9008
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.350 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

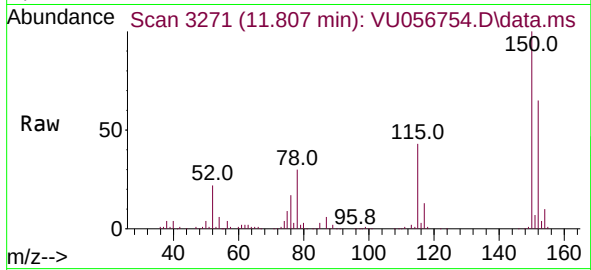
Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 15356

Ion Ratio Lower Upper

75 100

110 2.5 28.4 42.6#

77 30.1 26.3 39.5

