

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055257.D
 Acq On : 12 Sep 2023 18:55
 Operator : MD/SY
 Sample : 04306-12 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:49:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

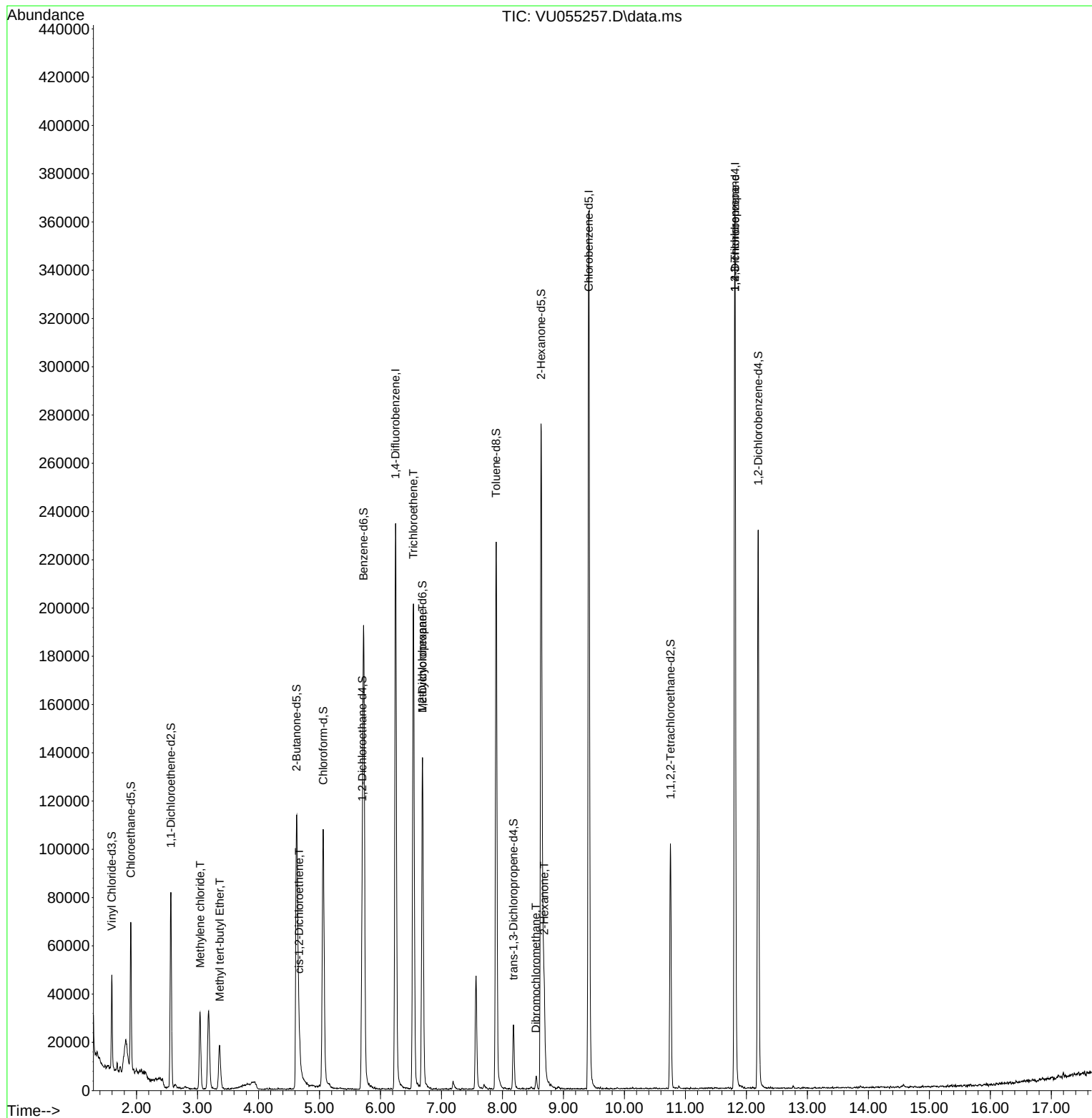
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	202853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	96348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27280	3.121	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.907	69	42882	4.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.563	65	14709	2.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.000%#	
20) 2-Butanone-d5	4.624	46	138252	54.508	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.020%	
24) Chloroform-d	5.061	84	98600	4.251	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.701	65	51969	4.479	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.724	84	182164	3.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.800%	
36) 1,2-Dichloropropane-d6	6.688	67	65018	4.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.897	98	156279	3.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.800%#	
43) trans-1,3-Dichloroprop...	8.180	79	15718	3.584	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.634	63	85269	47.889	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.780%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50456	4.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	59304	4.217	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	14548	1.104	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	20299	0.898	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	3094	0.289	ug/L	84
34) Trichloroethene	6.540	95	70038	5.837	ug/L	97
35) Methylcyclohexane	6.688	83	14352	0.853	ug/L #	19
48) 2-Hexanone	8.685	43	23122	4.403	ug/L #	89
49) Dibromochloromethane	8.550	129	1147	0.133	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	12452	1.948	ug/L #	69

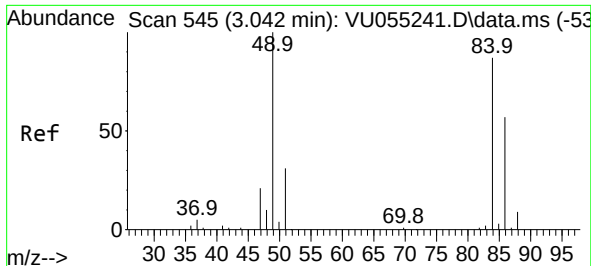
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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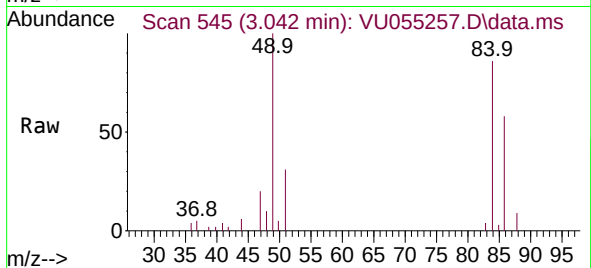
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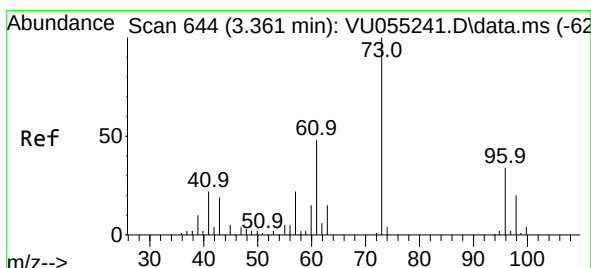
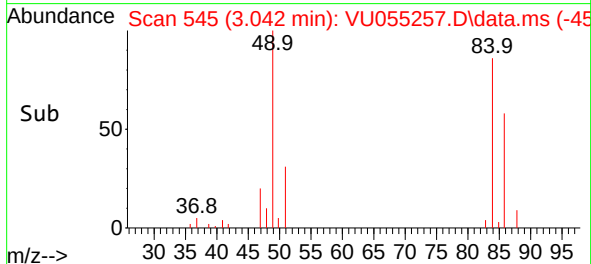
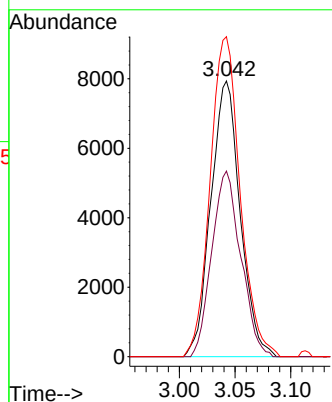


#16
Methylene chloride
Concen: 1.104 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055257.D
Acq: 12 Sep 2023 18:55

Instrument :
MSVOA_U
ClientSampleId :

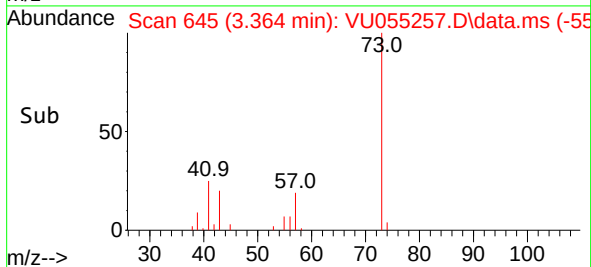
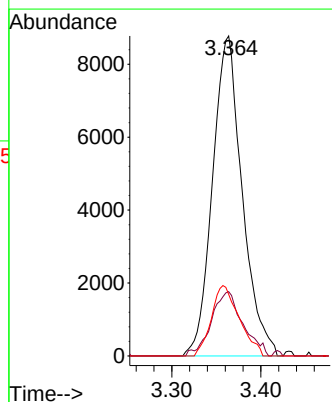
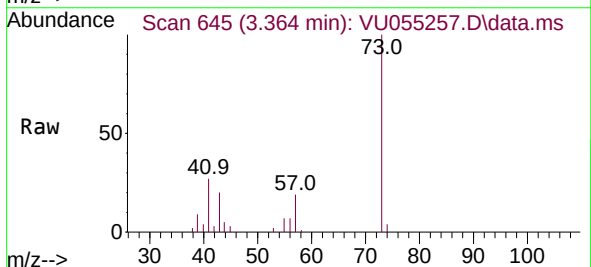


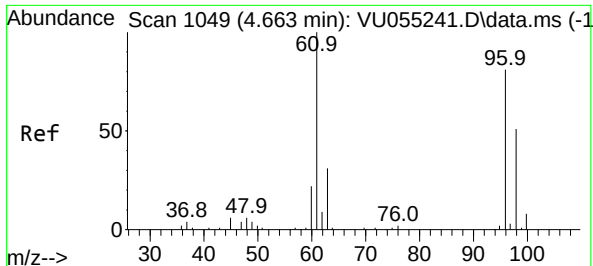
Tgt Ion: 84 Resp: 14548
Ion Ratio Lower Upper
84 100
86 67.3 43.4 80.6
49 122.4 87.7 162.9



#17
Methyl tert-butyl Ether
Concen: 0.898 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055257.D
Acq: 12 Sep 2023 18:55

Tgt Ion: 73 Resp: 20299
Ion Ratio Lower Upper
73 100
43 21.3 16.2 24.2
57 20.7 17.4 26.2





#22

cis-1,2-Dichloroethene

Concen: 0.289 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

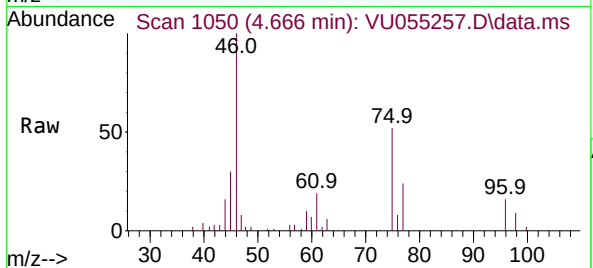
Lab File: VU055257.D

Acq: 12 Sep 2023 18:55

Instrument :

MSVOA_U

ClientSampleId :



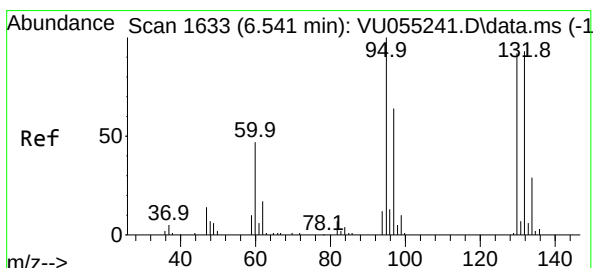
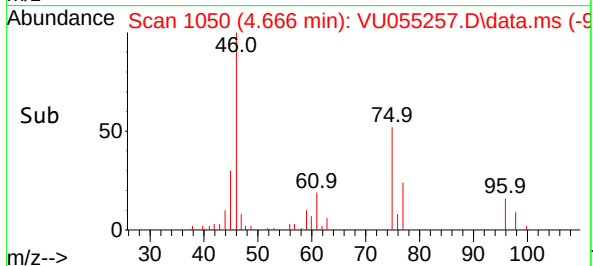
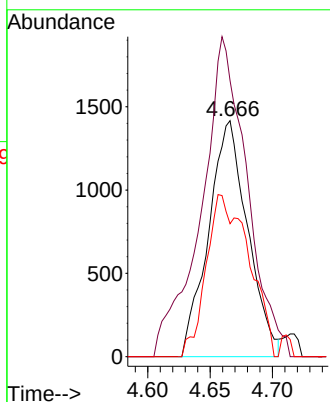
Tgt Ion: 96 Resp: 3094

Ion Ratio Lower Upper

96 100

61 117.0 97.2 180.4

98 56.3 46.1 85.7



#34

Trichloroethene

Concen: 5.837 ug/L

RT: 6.540 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055257.D

Acq: 12 Sep 2023 18:55

Tgt Ion: 95 Resp: 70038

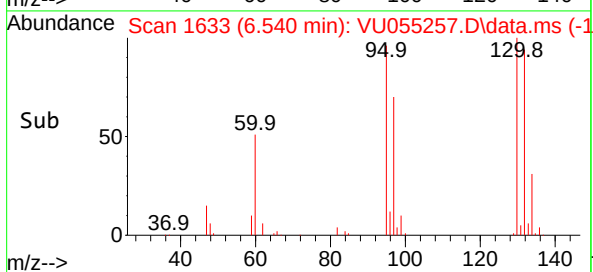
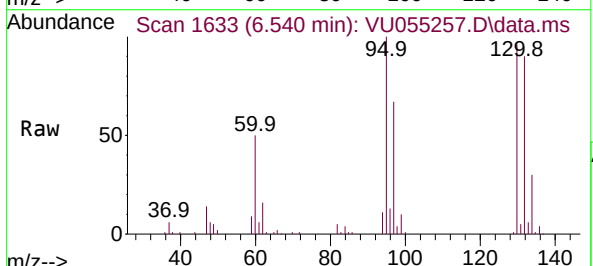
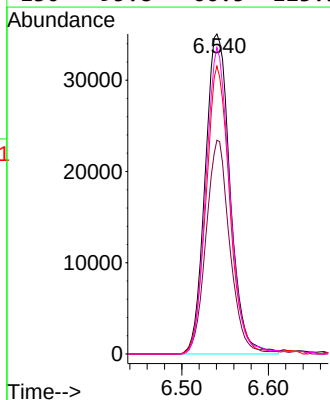
Ion Ratio Lower Upper

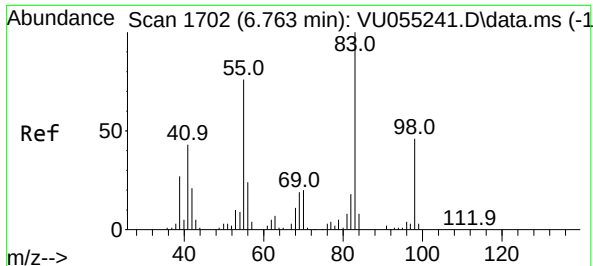
95 100

97 66.8 44.7 83.1

132 89.9 66.6 123.6

130 95.8 66.5 123.5





#35

Methylcyclohexane

Concen: 0.853 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055257.D

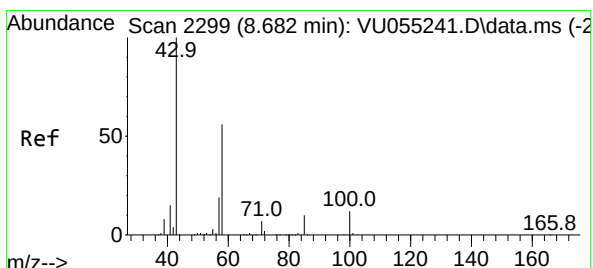
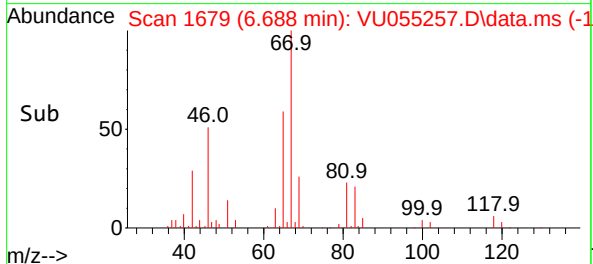
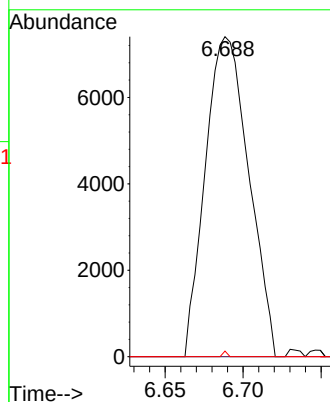
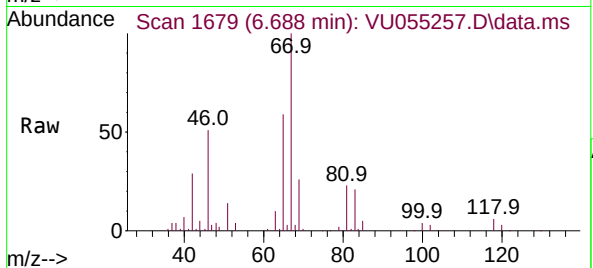
Acq: 12 Sep 2023 18:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14352
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.0	35.3	52.9#



#48

2-Hexanone

Concen: 4.403 ug/L

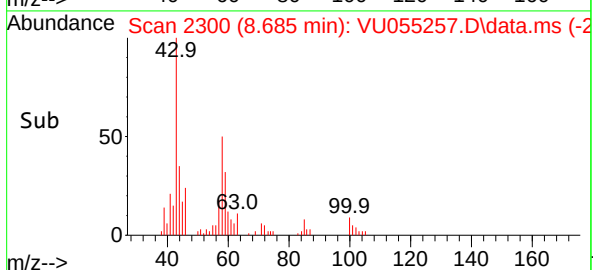
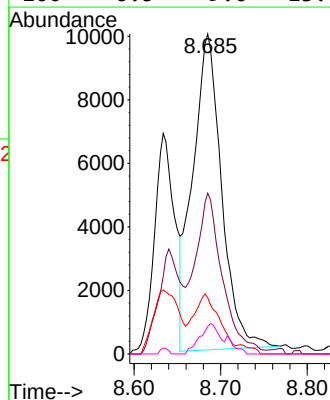
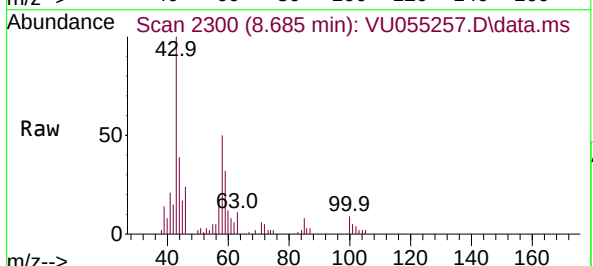
RT: 8.685 min Scan# 2300

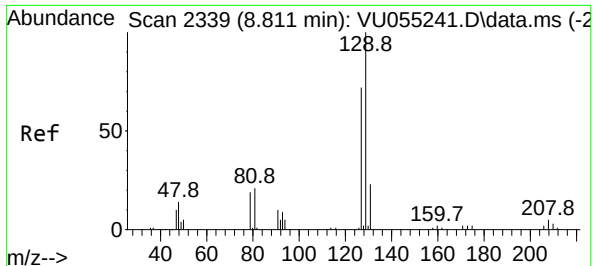
Delta R.T. 0.003 min

Lab File: VU055257.D

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Tgt Ion:	43	Resp:	23122
Ion	Ratio	Lower	Upper
43	100		
58	47.5	44.0	66.0
57	14.2	16.2	24.2#
100	6.5	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.133 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.261 min MSVOA_U

Lab File: VU055257.D

Acq: 12 Sep 2023 18:55

Instrument :

MSVOA_U

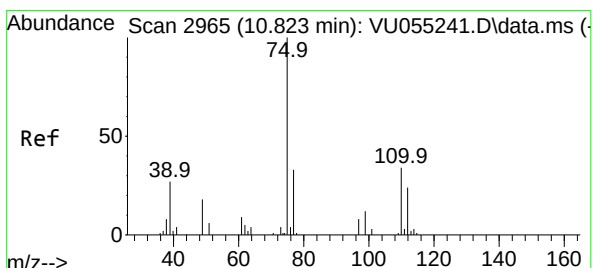
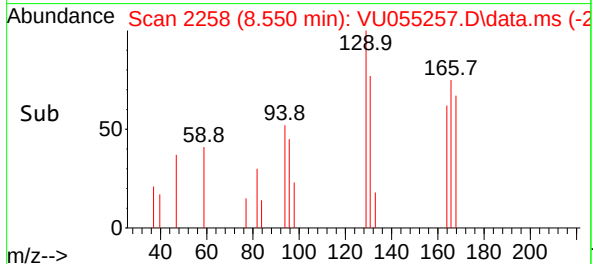
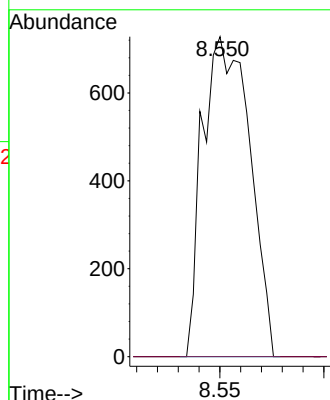
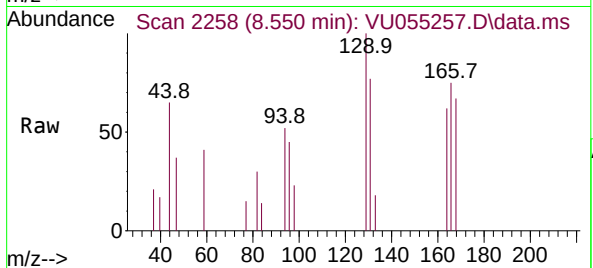
ClientSampleId :

Tgt Ion:129 Resp: 1147

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.948 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.987 min

Lab File: VU055257.D

Acq: 12 Sep 2023 18:55

Tgt Ion: 75 Resp: 12452

Ion Ratio Lower Upper

75 100

110 3.6 28.2 42.2#

77 36.2 26.2 39.4

