

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056791.D
 Acq On : 12 Dec 2023 17:20
 Operator : MD/SY
 Sample : 05664-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 00:34:16 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)

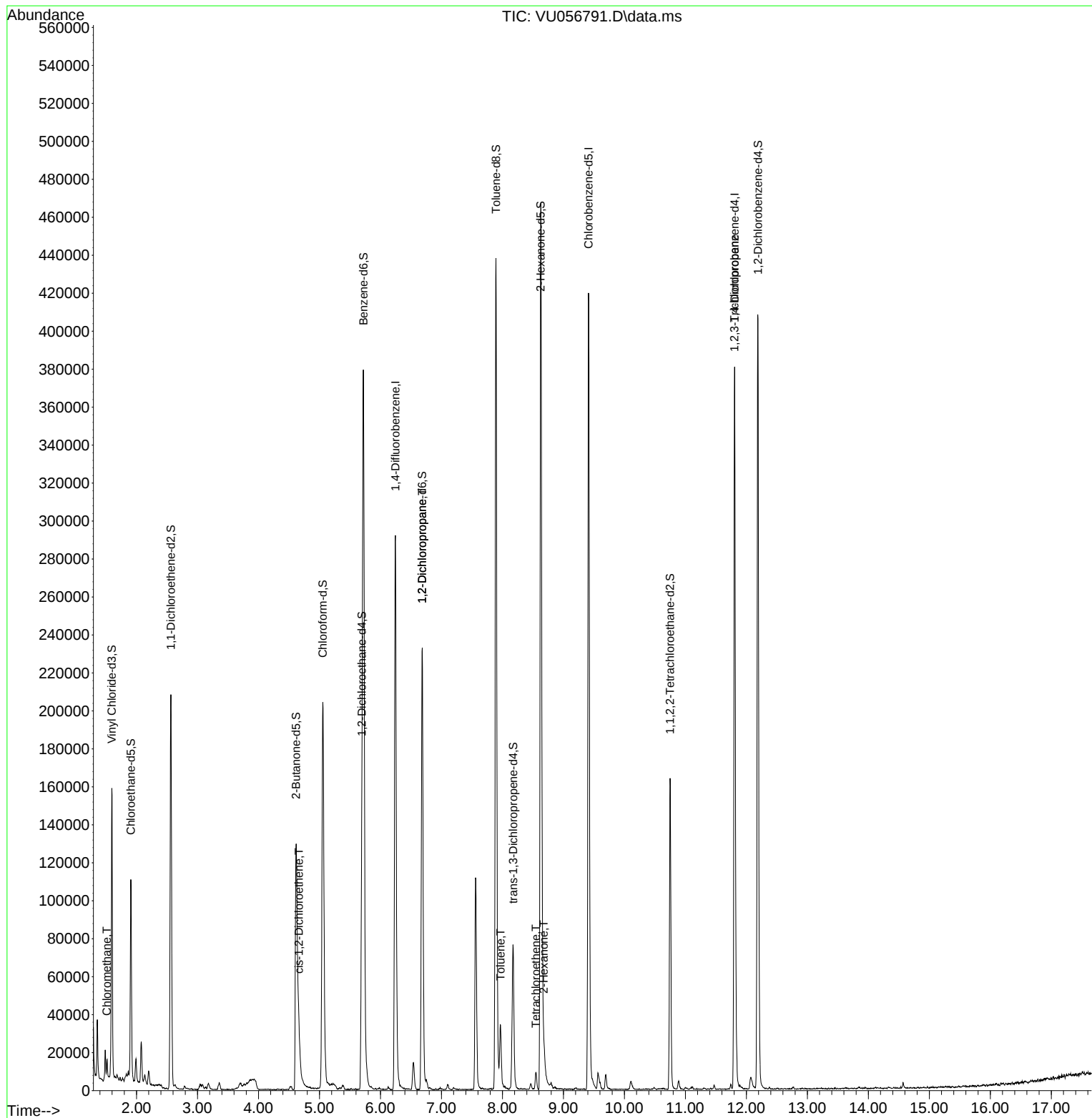
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239035	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	242349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92640	4.521	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.400%	
7) Chloroethane-d5	1.907	69	78872	5.144	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.563	65	40769	4.651	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.618	46	203923	50.397	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.800%	
24) Chloroform-d	5.055	84	195212	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.695	65	94945	5.171	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.721	84	363880	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.685	67	114115	4.850	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.894	98	302438	4.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	8.177	79	43191	4.734	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.627	63	161300	46.872	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.740%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82924	4.871	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	107528	5.568	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	5493	0.223	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	8623	0.403	ug/L	89
37) 1,2-Dichloropropane	6.685	63	12312	0.565	ug/L #	88
42) Toluene	7.968	91	24945	0.283	ug/L	96
47) Tetrachloroethene	8.547	164	2140	0.131	ug/L	90
48) 2-Hexanone	8.679	43	6904	0.937	ug/L #	79
61) 1,2,3-Trichloropropane	11.804	75	13171	1.249	ug/L #	70

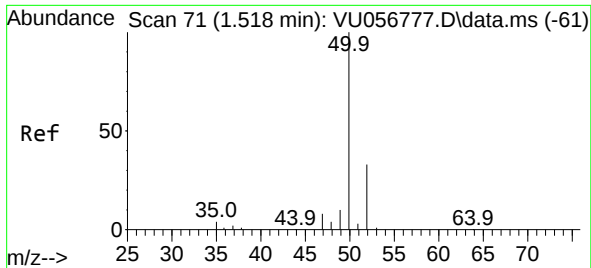
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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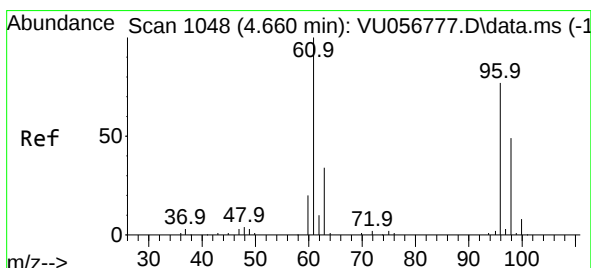
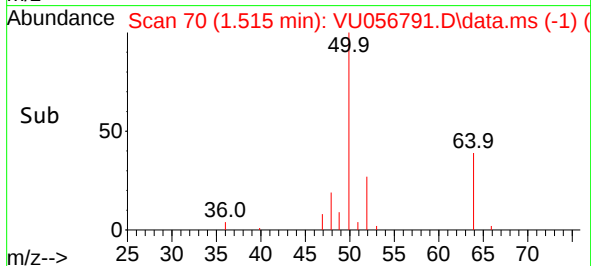
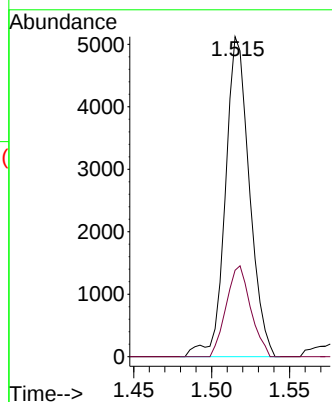
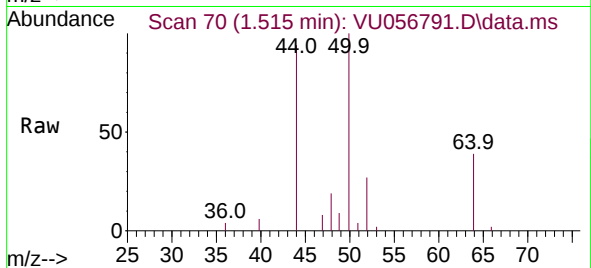




#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056791.D
Acq: 12 Dec 2023 17:20

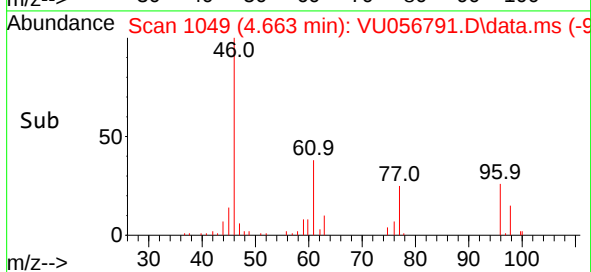
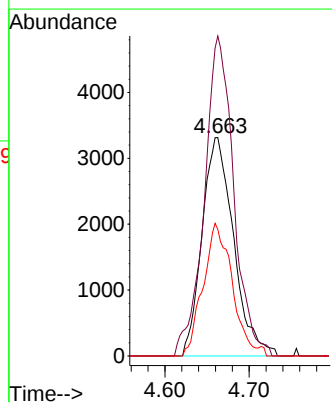
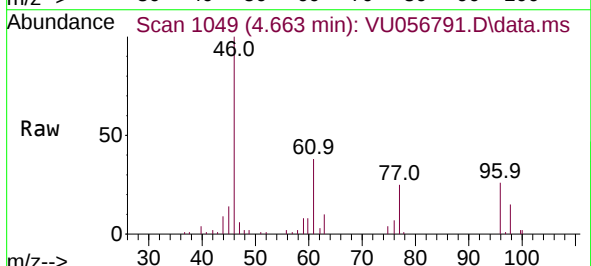
Instrument :
MSVOA_U
ClientSampleId :

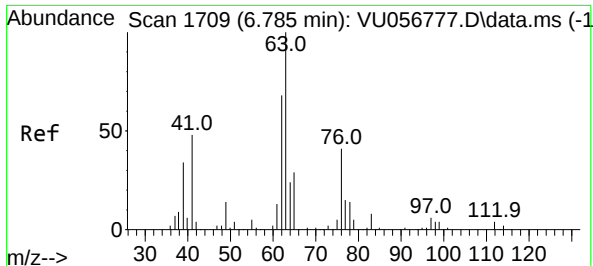
Tgt Ion: 50 Resp: 5493
Ion Ratio Lower Upper
50 100
52 27.0 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 0.403 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056791.D
Acq: 12 Dec 2023 17:20

Tgt Ion: 96 Resp: 8623
Ion Ratio Lower Upper
96 100
61 146.6 91.3 169.6
98 57.9 44.2 82.0





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056791.D

Acq: 12 Dec 2023 17:20

Instrument :

MSVOA_U

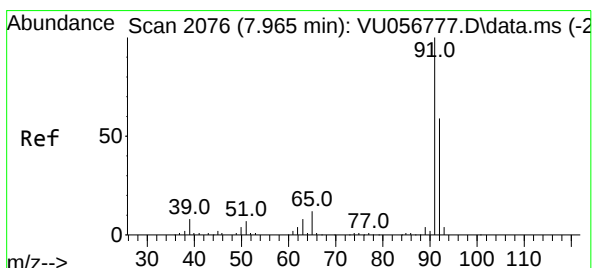
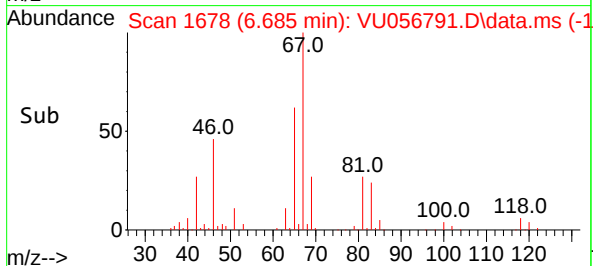
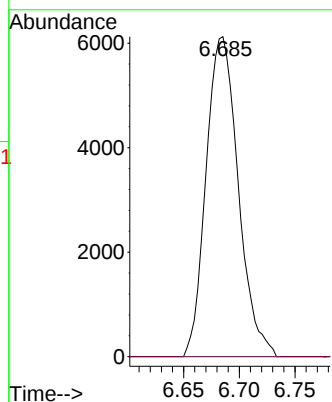
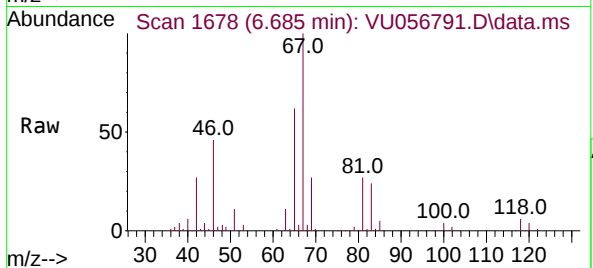
ClientSampleId :

Tgt Ion: 63 Resp: 12312

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 0.283 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU056791.D

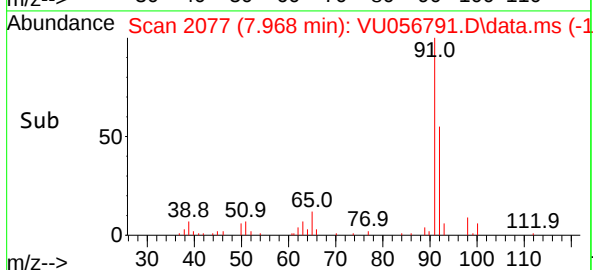
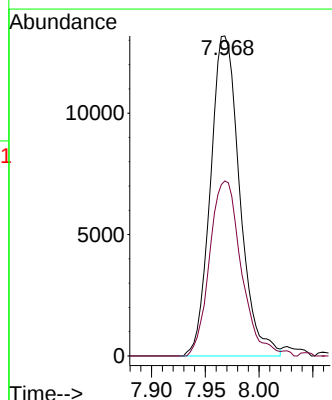
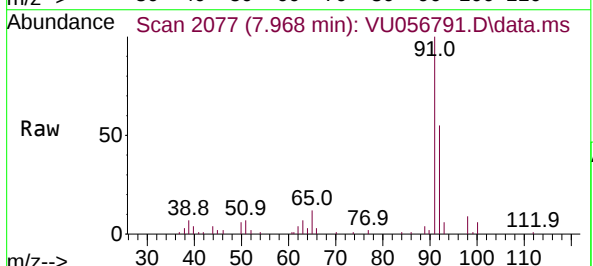
Acq: 12 Dec 2023 17:20

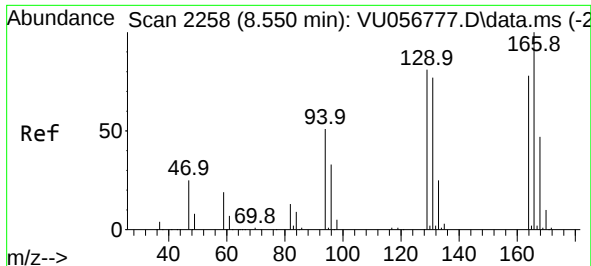
Tgt Ion: 91 Resp: 24945

Ion Ratio Lower Upper

91 100

92 54.7 40.4 75.0





#47

Tetrachloroethene

Concen: 0.131 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

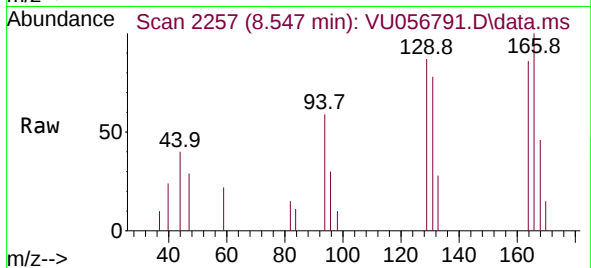
Lab File: VU056791.D

Acq: 12 Dec 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2140

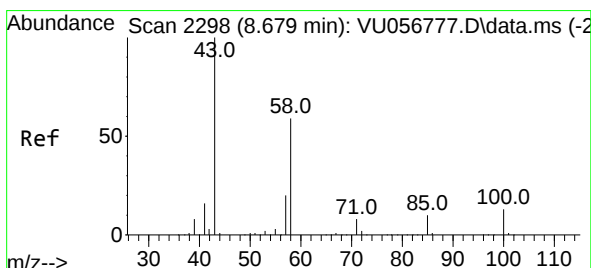
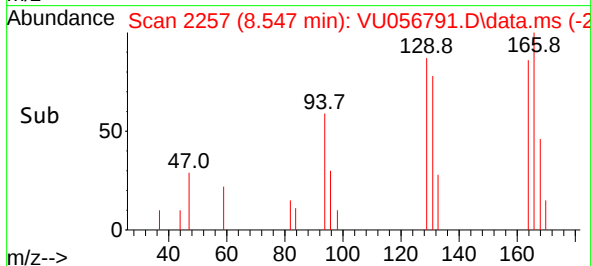
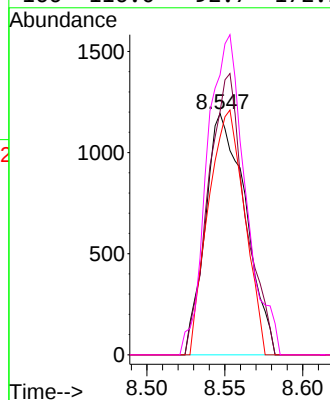
Ion Ratio Lower Upper

164 100

129 100.8 73.4 136.4

131 90.2 71.5 132.9

166 116.0 92.7 172.1



#48

2-Hexanone

Concen: 0.937 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU056791.D

Acq: 12 Dec 2023 17:20

Tgt Ion: 43 Resp: 6904

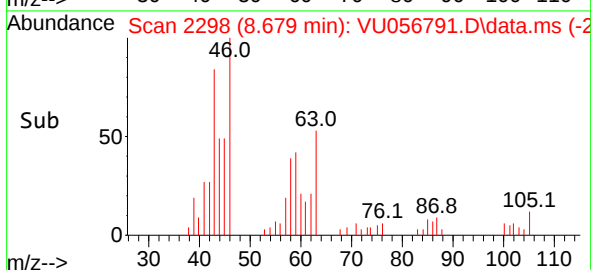
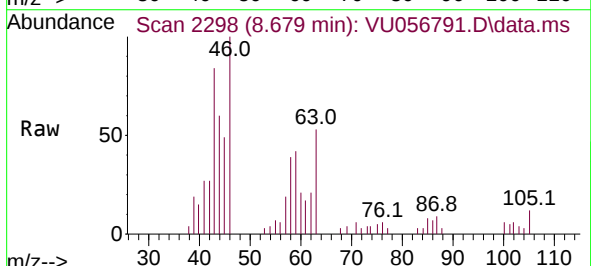
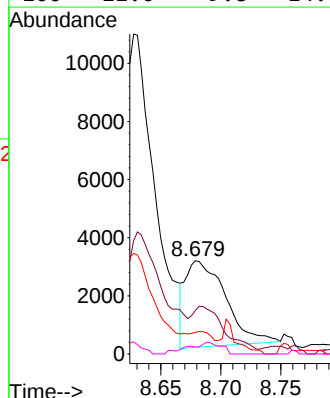
Ion Ratio Lower Upper

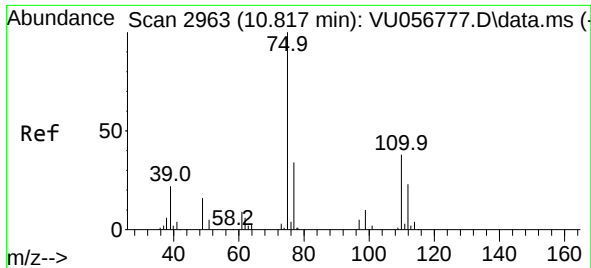
43 100

58 39.5 47.5 71.3#

57 13.1 17.0 25.4#

100 11.0 9.8 14.8





#61

1,2,3-Trichloropropane

Concen: 1.249 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

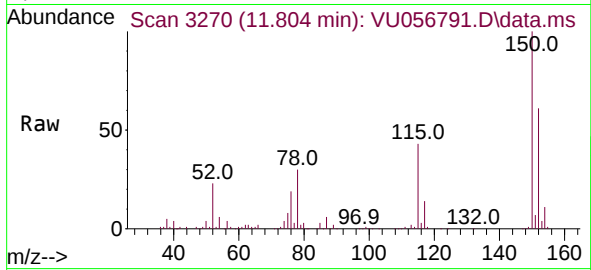
Lab File: VU056791.D

Acq: 12 Dec 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 13171

Ion Ratio Lower Upper

75 100

110 3.3 28.4 42.6#

77 35.0 26.3 39.5

