

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054650.D
 Acq On : 22 Jun 2023 12:48
 Operator : MD/SY
 Sample : 03323-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA40DL

Quant Time: Jun 23 04:33:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

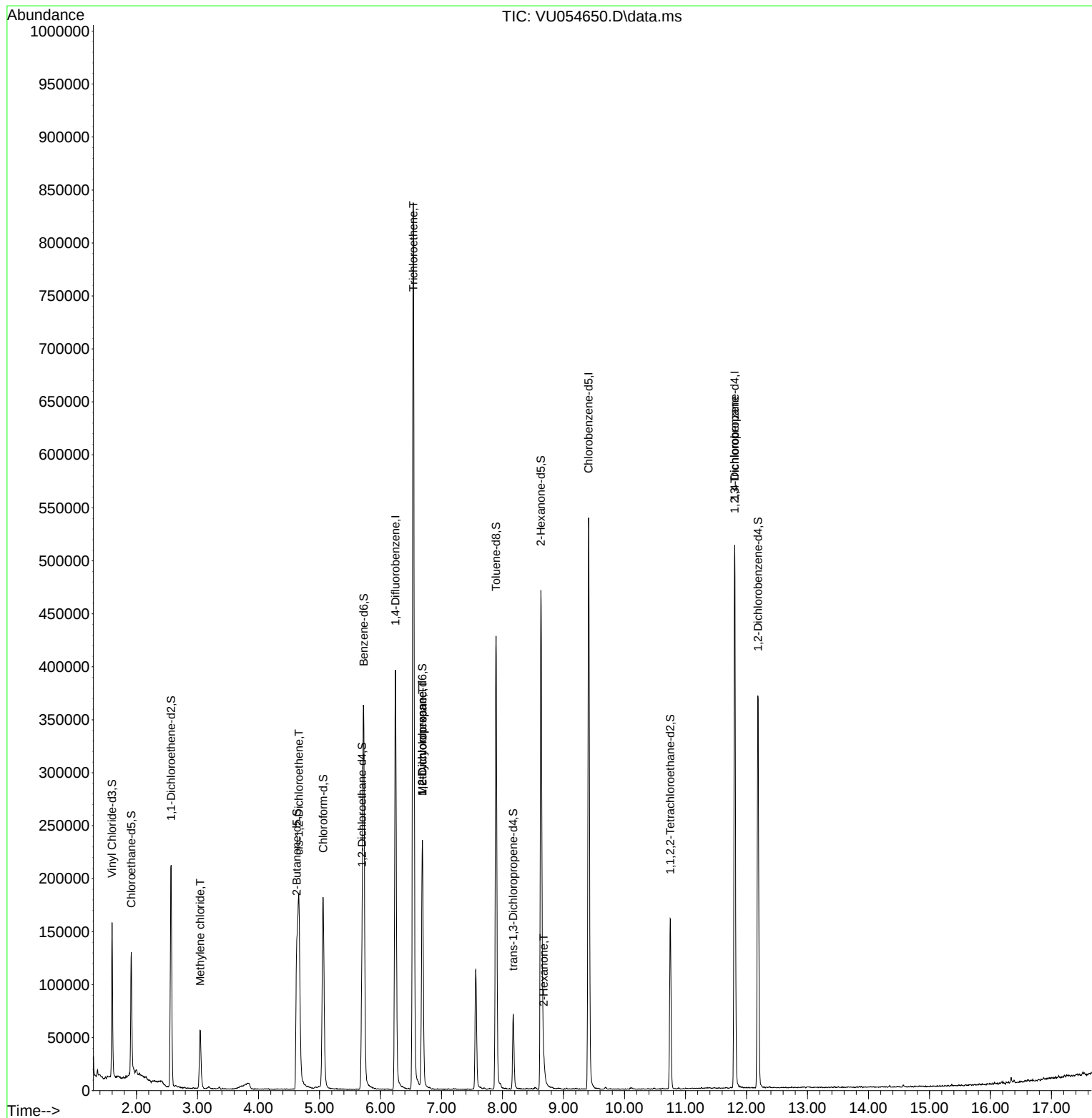
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	309816	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	298728	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	104714	5.311	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	106.200%	
7) Chloroethane-d5	1.914	69	85816	4.649	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.566	65	40965	4.652	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.627	46	241730	43.605	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.220%	
24) Chloroform-d	5.058	84	166970	4.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	5.698	65	85737	4.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
32) Benzene-d6	5.724	84	335971	4.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
36) 1,2-Dichloropropane-d6	6.685	67	118778	4.283	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.894	98	285791	3.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.177	79	39269	4.072	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.630	63	158743	39.235	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.480%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83138	4.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	96609	4.284	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	26614	0.842	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	71032	2.689	ug/L	98
34) Trichloroethene	6.537	95	296361	10.439	ug/L	93
35) Methylcyclohexane	6.685	83	24743	0.577	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12146	0.418	ug/L #	90
48) 2-Hexanone	8.675	43	7132	0.618	ug/L #	78
61) 1,2,3-Trichloropropane	11.804	75	17609	1.303	ug/L #	69

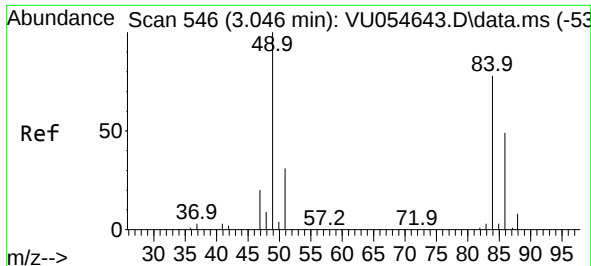
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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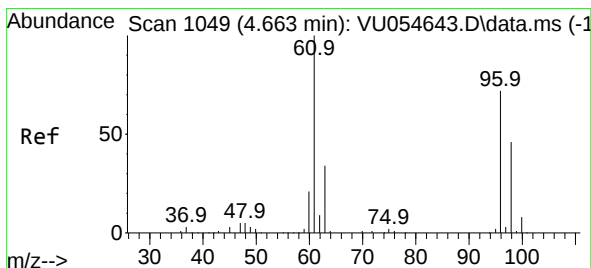
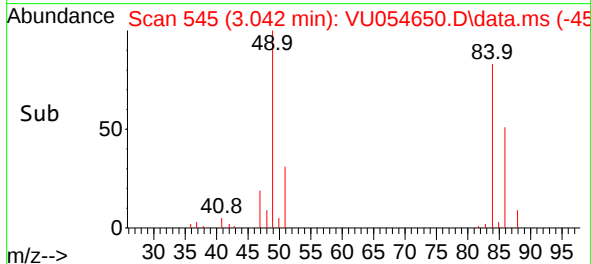
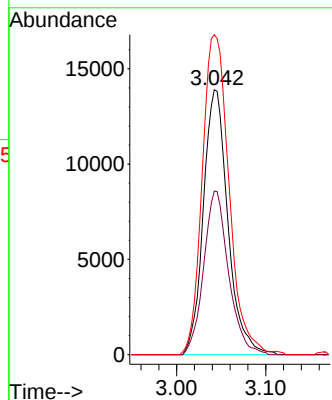
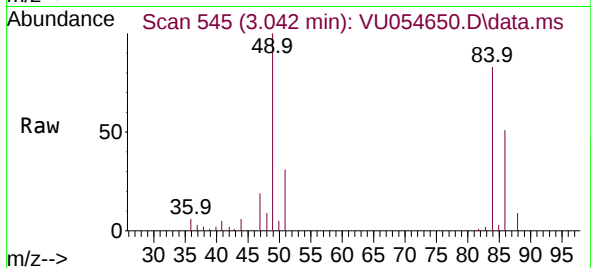




#16
Methylene chloride
Concen: 0.842 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054650.D
Acq: 22 Jun 2023 12:48

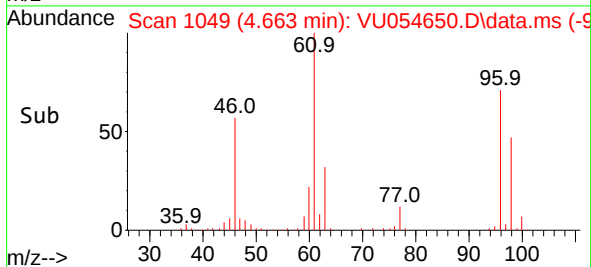
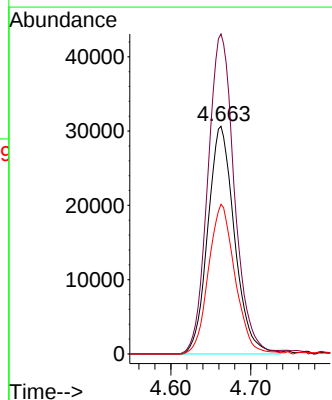
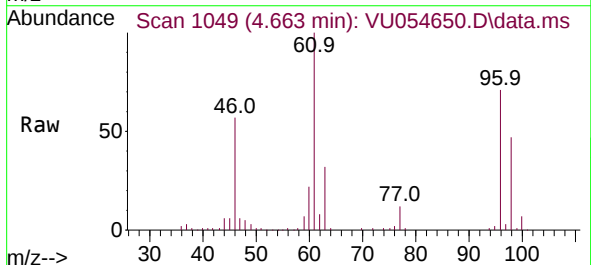
Instrument :
MSVOA_U
ClientSampleId :
GCA40DL

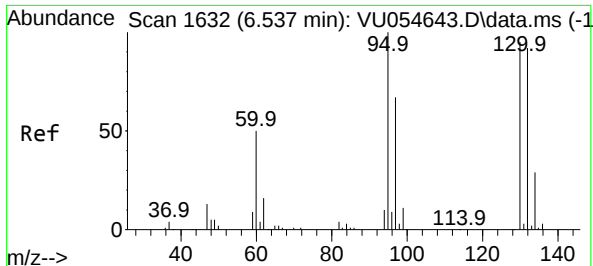
Tgt Ion: 84 Resp: 26614
Ion Ratio Lower Upper
84 100
86 61.7 43.9 81.5
49 120.7 86.1 159.9



#22
cis-1,2-Dichloroethene
Concen: 2.689 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054650.D
Acq: 22 Jun 2023 12:48

Tgt Ion: 96 Resp: 71032
Ion Ratio Lower Upper
96 100
61 140.5 96.5 179.1
98 65.7 44.9 83.3

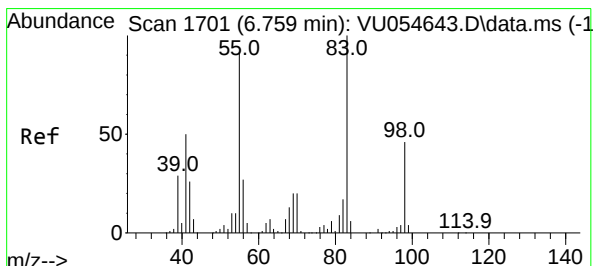
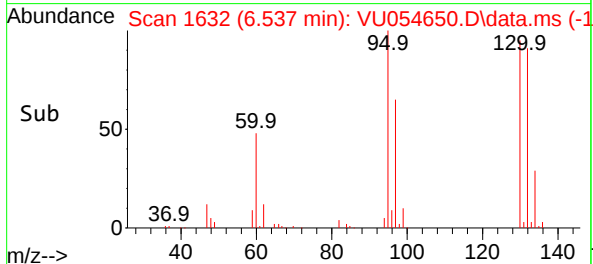
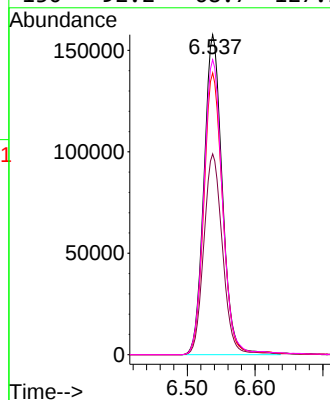
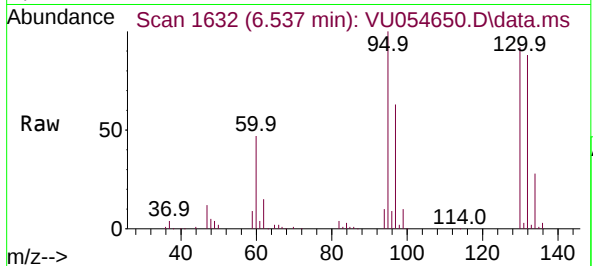




#34
Trichloroethene
Concen: 10.439 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054650.D
Acq: 22 Jun 2023 12:48

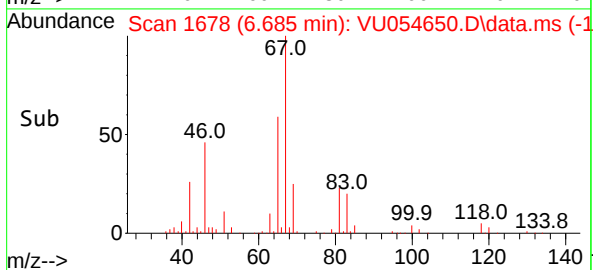
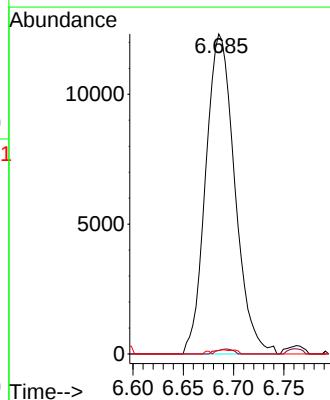
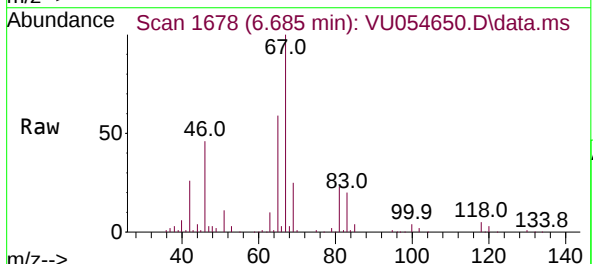
Instrument :
MSVOA_U
ClientSampleId :
GCA40DL

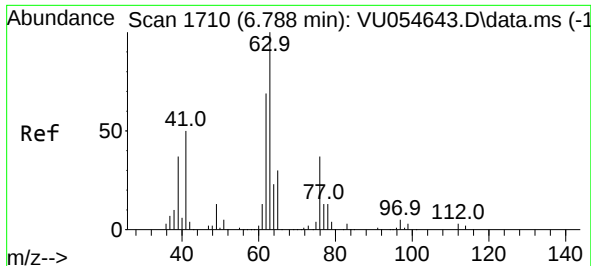
Tgt Ion: 95 Resp: 296361
Ion Ratio Lower Upper
95 100
97 62.7 46.8 87.0
132 88.0 68.4 127.0
130 92.2 68.7 127.5



#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054650.D
Acq: 22 Jun 2023 12:48

Tgt Ion: 83 Resp: 24743
Ion Ratio Lower Upper
83 100
55 0.9 67.1 100.7#
98 0.8 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.418 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054650.D

Acq: 22 Jun 2023 12:48

Instrument :

MSVOA_U

ClientSampleId :

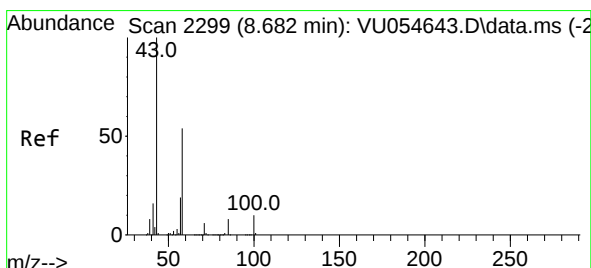
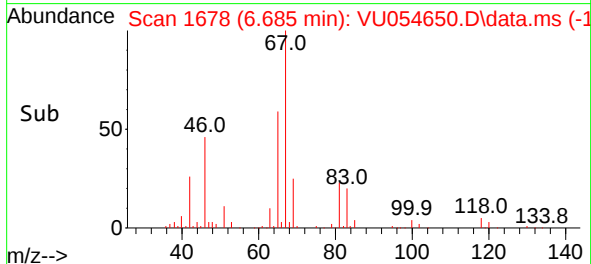
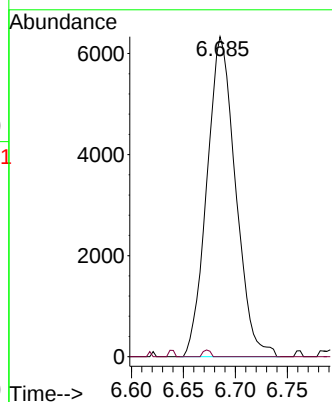
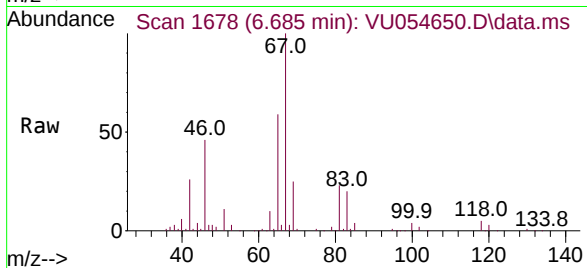
GCA40DL

Tgt Ion: 63 Resp: 12146

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.6#



#48

2-Hexanone

Concen: 0.618 ug/L

RT: 8.675 min Scan# 2297

Delta R.T. -0.007 min

Lab File: VU054650.D

Acq: 22 Jun 2023 12:48

Tgt Ion: 43 Resp: 7132

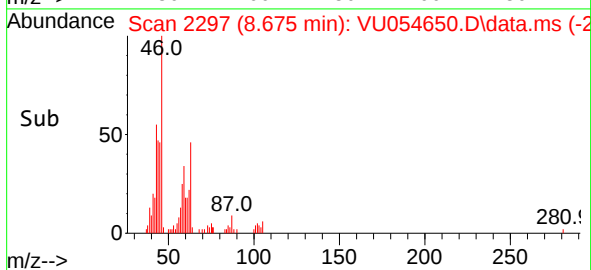
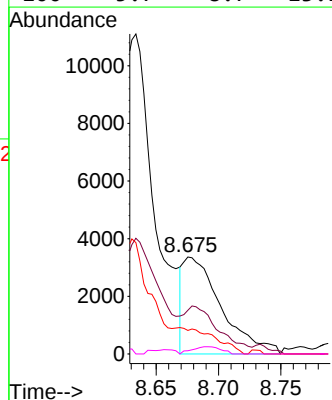
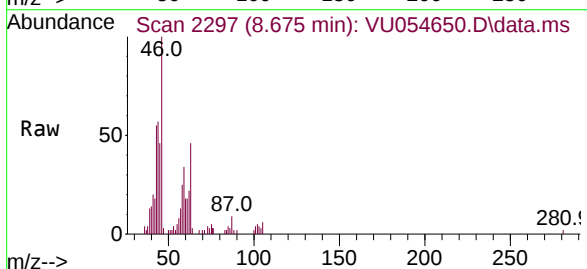
Ion Ratio Lower Upper

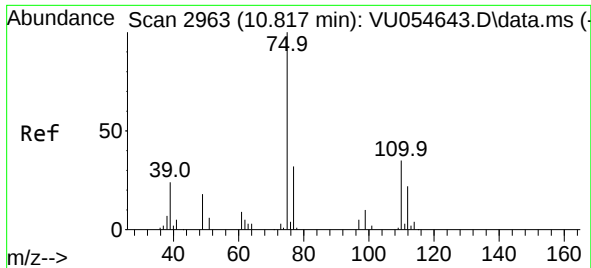
43 100

58 45.0 45.2 67.8#

57 0.0 15.8 23.6#

100 5.7 8.7 13.1#





#61

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU054650.D

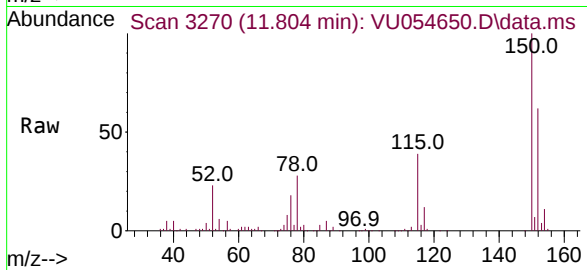
Acq: 22 Jun 2023 12:48

Instrument :

MSVOA_U

ClientSampleId :

GCA40DL



Tgt Ion:	75	Resp:	17609
Ion	Ratio	Lower	Upper
75	100		
110	2.5	28.0	42.0#
77	33.5	25.4	38.2

