

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061664.D
 Acq On : 14 Nov 2024 11:59
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:44:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

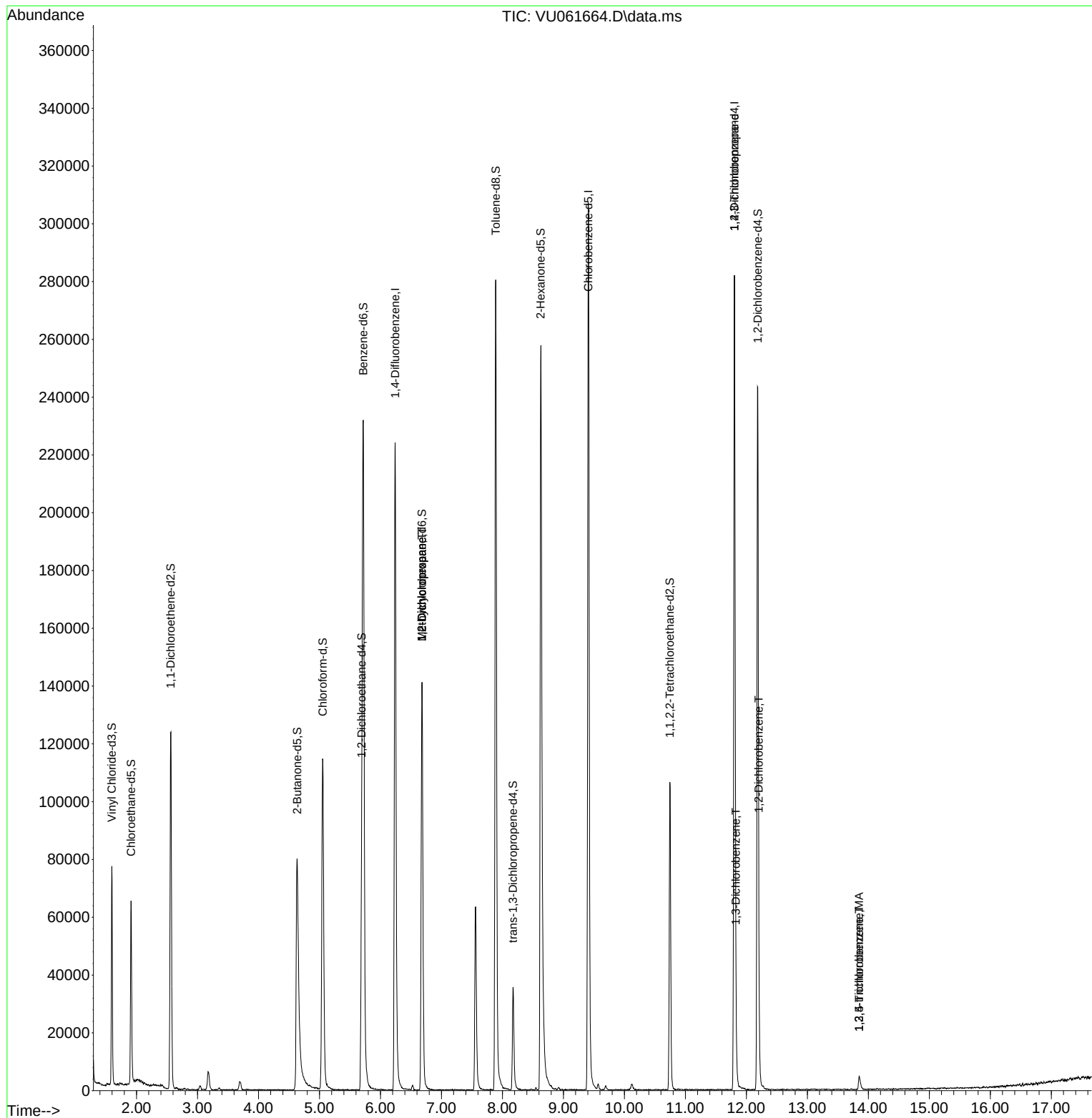
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	184238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52413	4.118	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.911	69	47141	4.338	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.560	65	23545	4.123	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.400%	
20) 2-Butanone-d5	4.634	46	121264	44.884	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.760%	
24) Chloroform-d	5.055	84	111217	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.692	65	56277	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.718	84	232230	4.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.679	67	71958	4.787	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.891	98	202349	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.174	79	22142	3.999	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.627	63	103478	47.291	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.580%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54409	4.591	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	69152	4.832	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						
35) Methylcyclohexane	6.679	83	16453	0.725	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	7759	0.548	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	10936	1.445	ug/L #	63
64) 1,3-Dichlorobenzene	11.830	146	3623	0.142	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	3503	0.147	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.849	180	3012	0.169	ug/L #	91
70) 1,2,4-trichlorobenzene	13.849	180	3038	0.220	ug/L	92

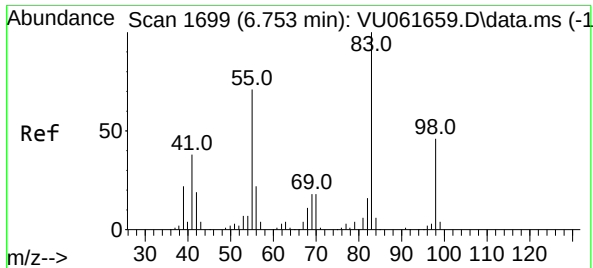
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 15 00:40:52 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061664.D

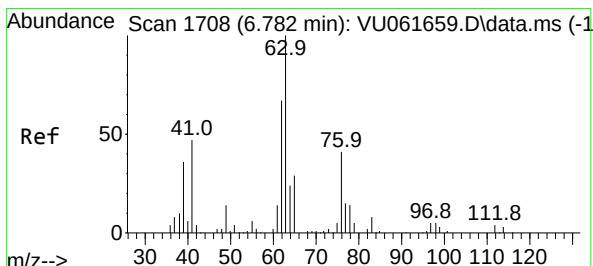
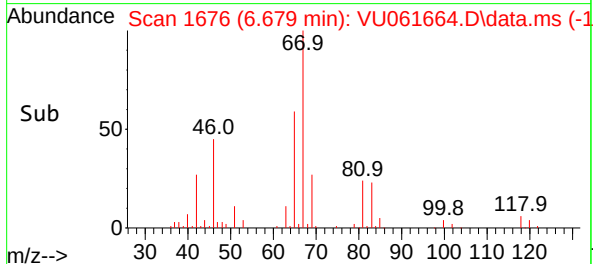
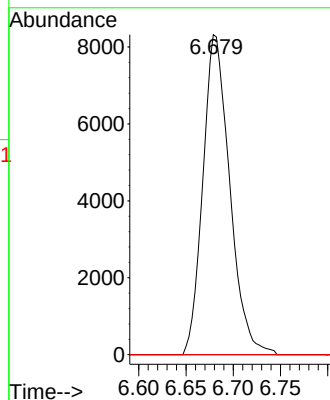
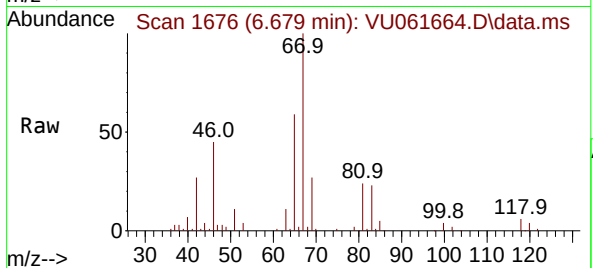
Acq: 14 Nov 2024 11:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	16453
Ion Ratio	Lower	Upper	
83	100		
55	0.0	56.4	84.6#
98	0.7	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

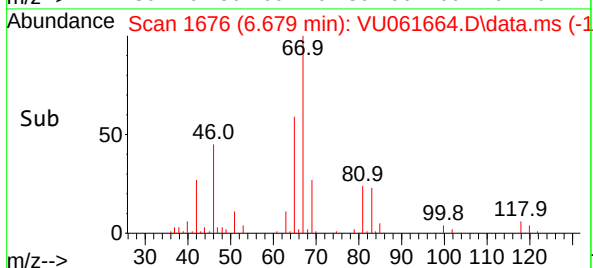
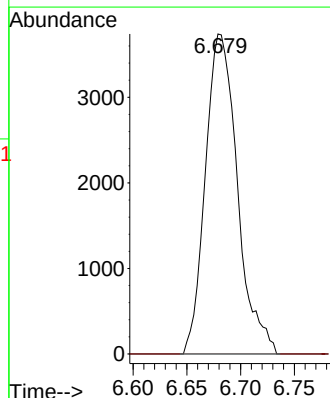
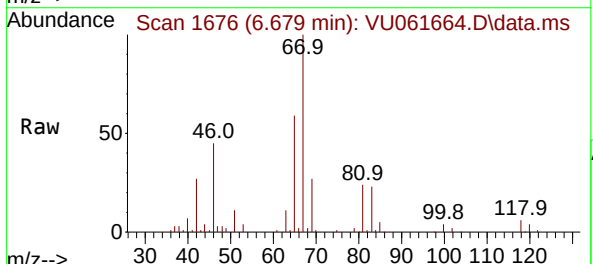
RT: 6.679 min Scan# 1676

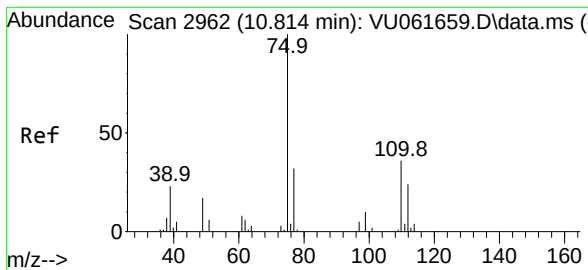
Delta R.T. -0.103 min

Lab File: VU061664.D

Acq: 14 Nov 2024 11:59

Tgt Ion:	63	Resp:	7759
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#

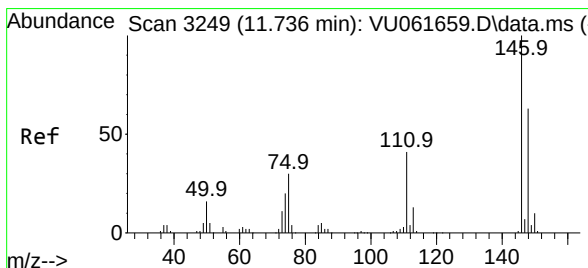
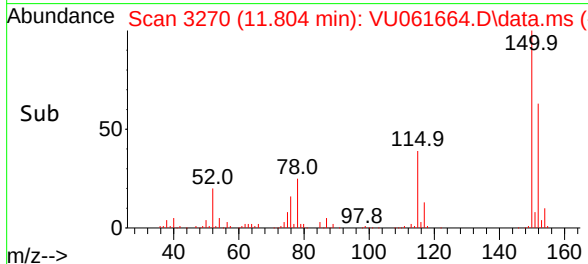
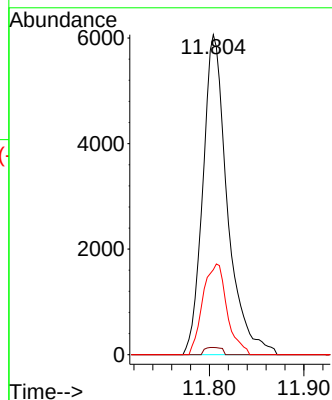
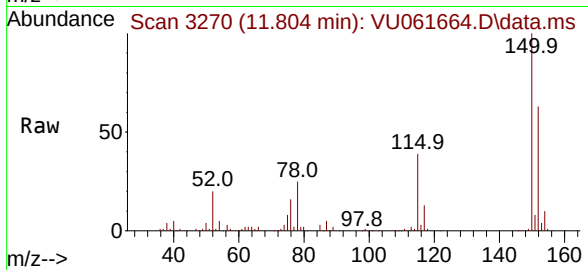




#61
1,2,3-Trichloropropane
Concen: 1.445 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061664.D
Acq: 14 Nov 2024 11:59

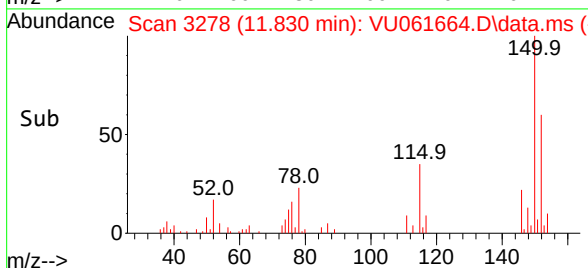
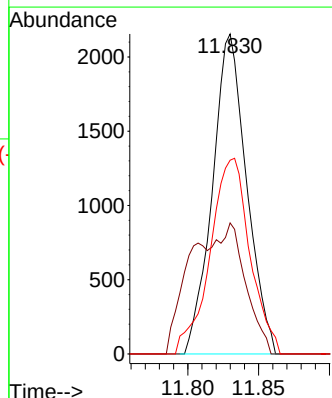
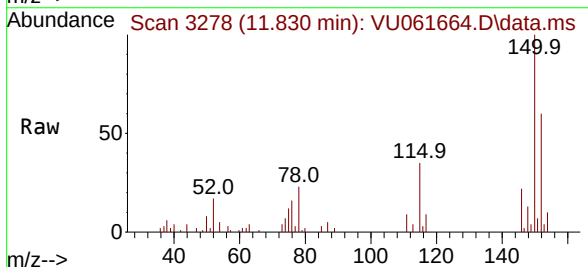
Instrument :
MSVOA_U
ClientSampleId :

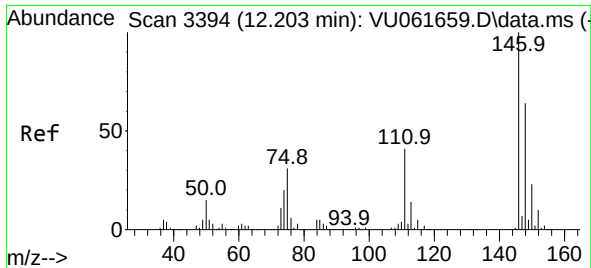
Tgt Ion: 75 Resp: 10936
Ion Ratio Lower Upper
75 100
110 1.5 31.3 46.9#
77 27.8 26.0 39.0



#64
1,3-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.093 min
Lab File: VU061664.D
Acq: 14 Nov 2024 11:59

Tgt Ion:146 Resp: 3623
Ion Ratio Lower Upper
146 100
111 40.9 29.3 54.3
148 60.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.147 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061664.D

Acq: 14 Nov 2024 11:59

Instrument :

MSVOA_U

ClientSampleId :

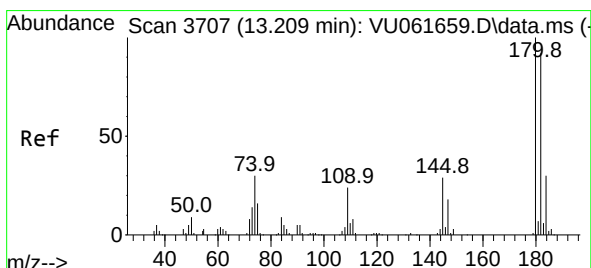
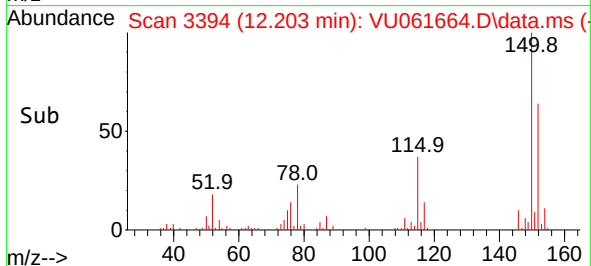
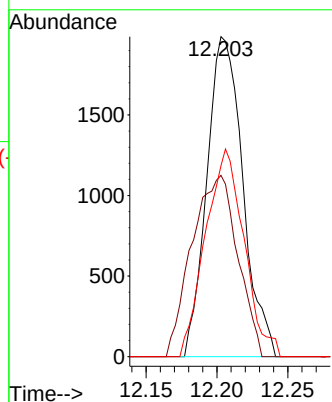
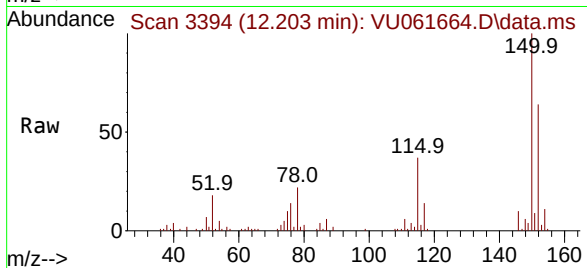
Tgt Ion:146 Resp: 3503

Ion Ratio Lower Upper

146 100

111 56.6 35.2 52.8#

148 59.7 52.6 79.0



#69

1,3,5-Trichlorobenzene

Concen: 0.169 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.640 min

Lab File: VU061664.D

Acq: 14 Nov 2024 11:59

Tgt Ion:180 Resp: 3012

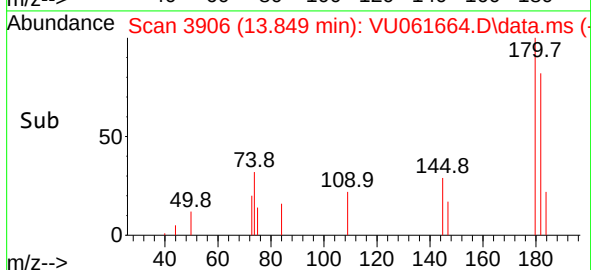
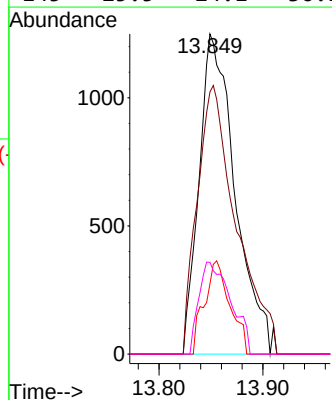
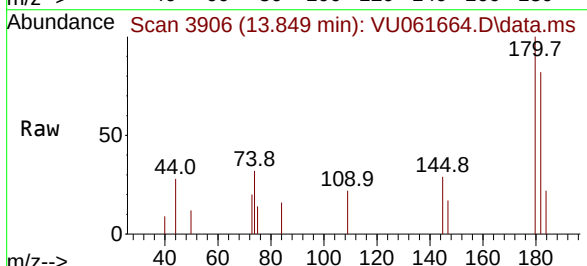
Ion Ratio Lower Upper

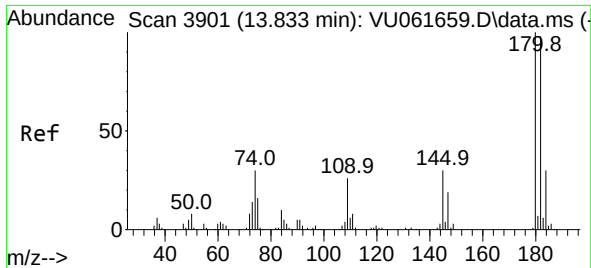
180 100

182 90.4 77.1 115.7

184 20.7 24.7 37.1#

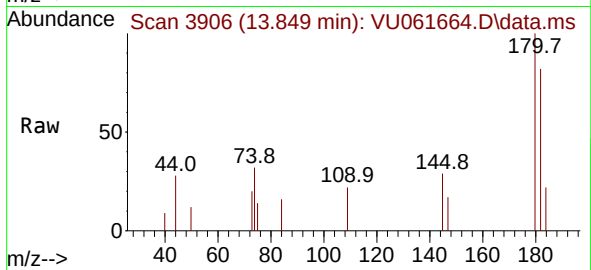
145 25.5 24.1 36.1





#70
 1,2,4-trichlorobenzene
 Concen: 0.220 ug/L
 RT: 13.849 min Scan# 3906
 Delta R.T. 0.016 min
 Lab File: VU061664.D
 Acq: 14 Nov 2024 11:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3038
Ion Ratio	Lower	Upper	
180	100		
182	89.6	77.4	116.0
145	25.2	24.5	36.7

