

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056699.D
 Acq On : 08 Dec 2023 15:02
 Operator : MD/SY
 Sample : 05627-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 20:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

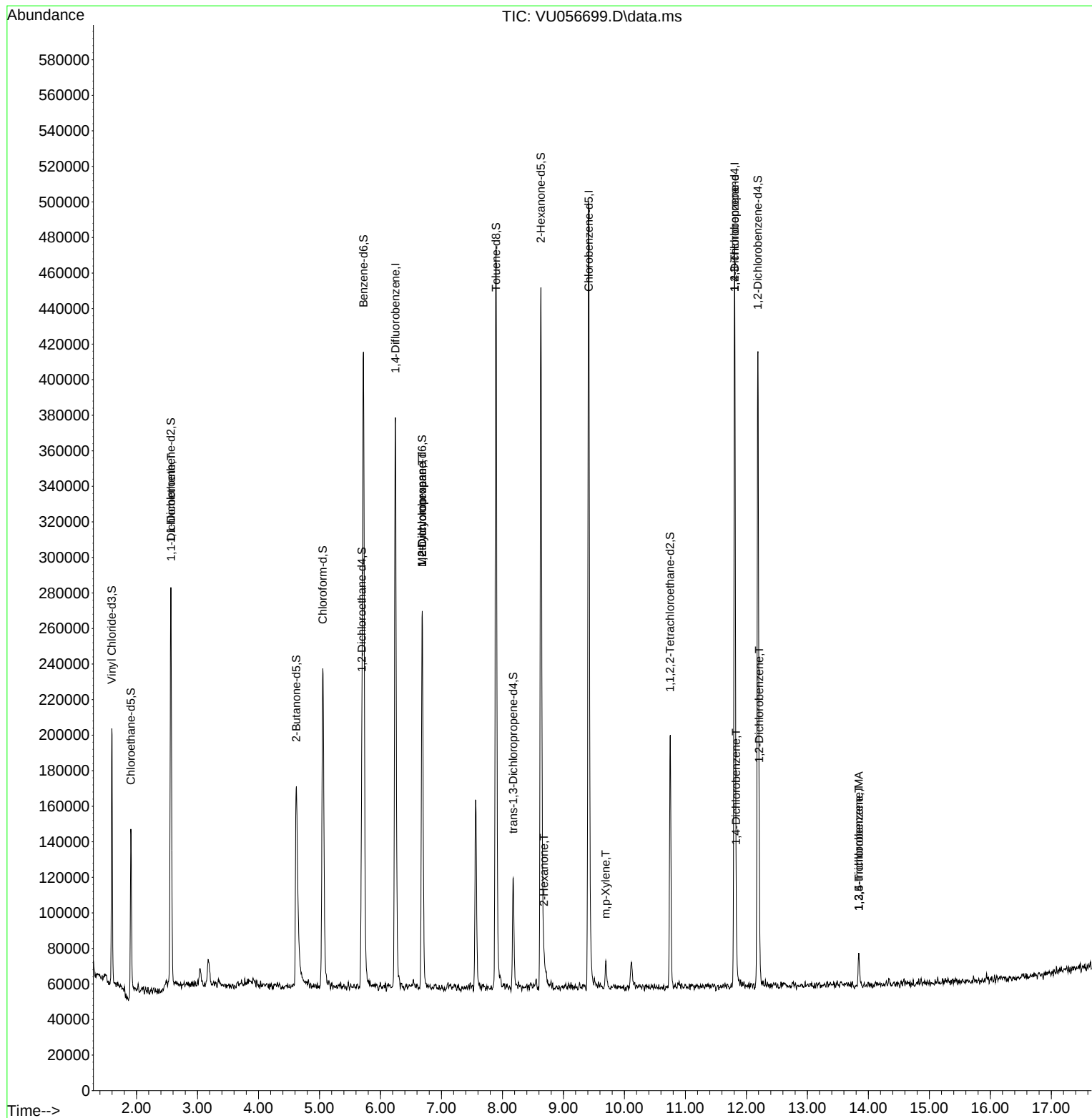
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	100518	5.069	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.907	69	70686	4.649	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.563	65	42485	4.854	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.621	46	180588	45.667	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.340%	
24) Chloroform-d	5.055	84	173136	4.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.695	65	84973	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.721	84	343184	4.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.685	67	105531	4.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.894	98	294208	4.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.177	79	38663	4.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.631	63	135692	37.844	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.680%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	70420	4.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	93210	4.596	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.566	96	1989	0.123	ug/L #	1
35) Methylcyclohexane	6.685	83	24914	0.838	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11394	0.578	ug/L #	89
48) 2-Hexanone	8.682	43	4625	0.608	ug/L #	36
53) m,p-Xylene	9.692	106	5228	0.164	ug/L	86
61) 1,2,3-Trichloropropane	11.807	75	15794	1.677	ug/L #	64
65) 1,4-Dichlorobenzene	11.833	146	5540	0.171	ug/L	93
67) 1,2-Dichlorobenzene	12.209	146	12579	0.426	ug/L	93
69) 1,3,5-Trichlorobenzene	13.846	180	5991	0.247	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	5991	0.303	ug/L	99

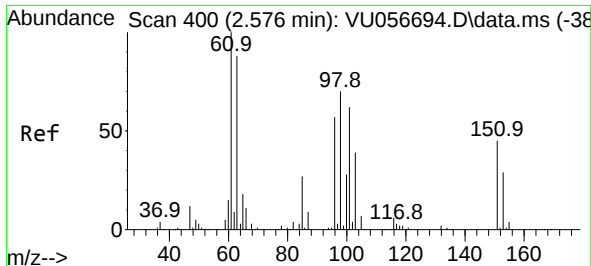
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.566 min Scan# 397

Delta R.T. -0.010 min

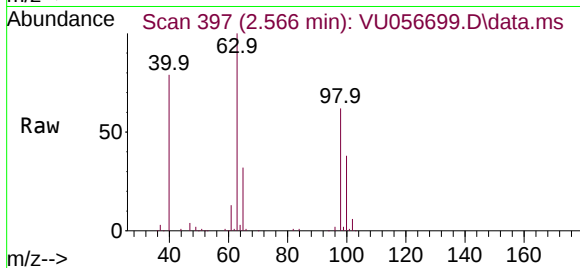
Lab File: VU056699.D

Acq: 08 Dec 2023 15:02

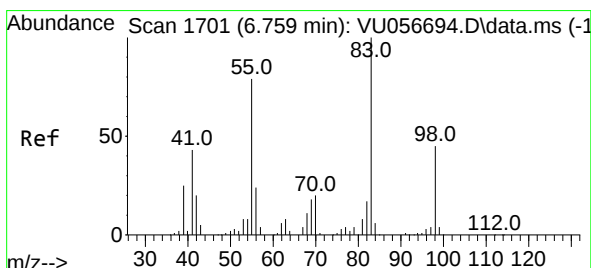
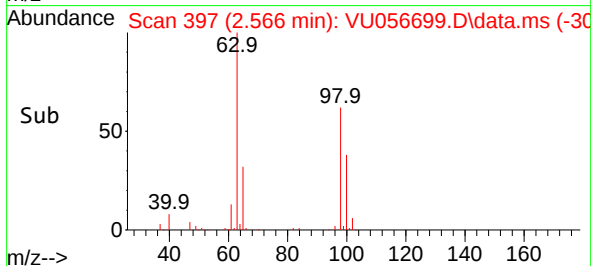
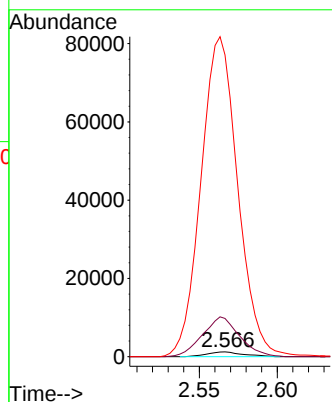
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1989
Ion	Ratio	Lower	Upper
96	100		
61	788.5	123.1	228.7#
63	6223.7	93.3	173.3#



#35

Methylcyclohexane

Concen: 0.838 ug/L

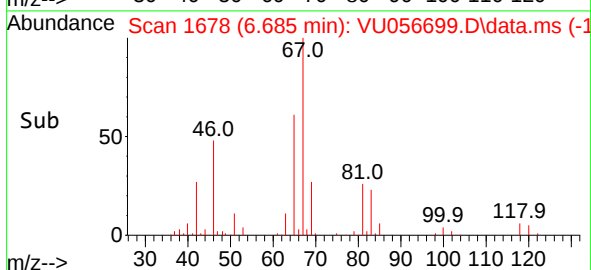
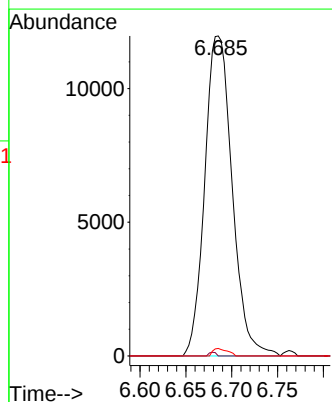
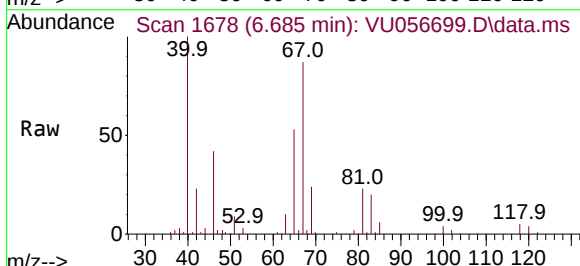
RT: 6.685 min Scan# 1678

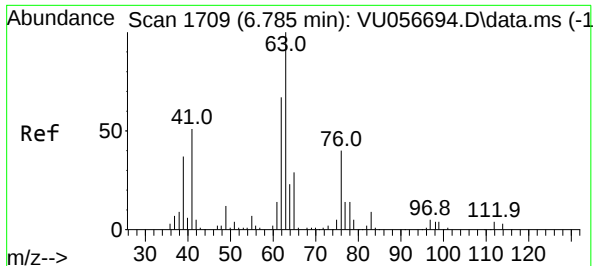
Delta R.T. -0.074 min

Lab File: VU056699.D

Acq: 08 Dec 2023 15:02

Tgt Ion:	83	Resp:	24914
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.9	94.3#
98	1.2	35.3	52.9#

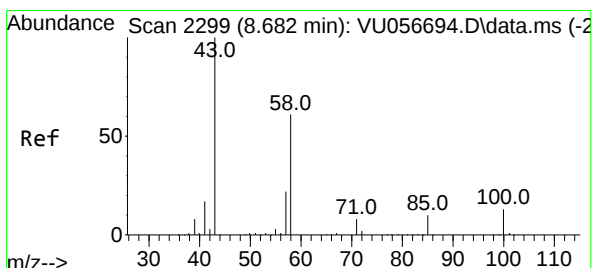
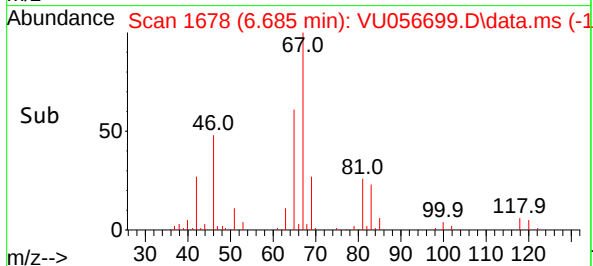
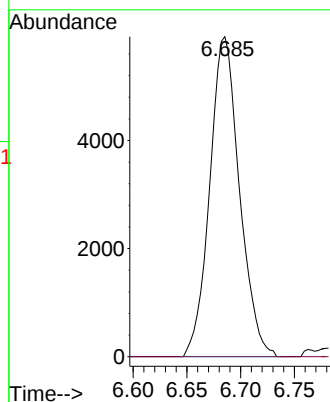
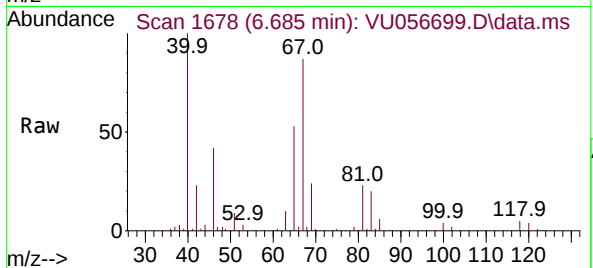




#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

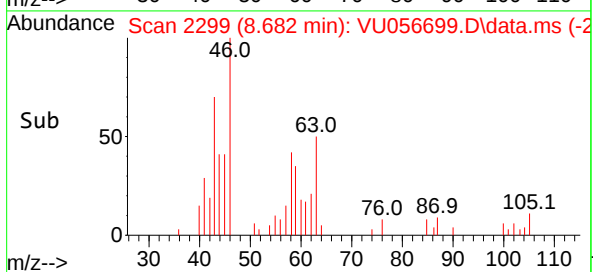
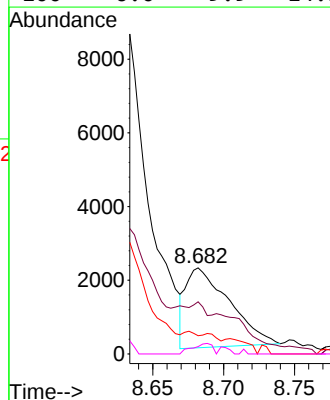
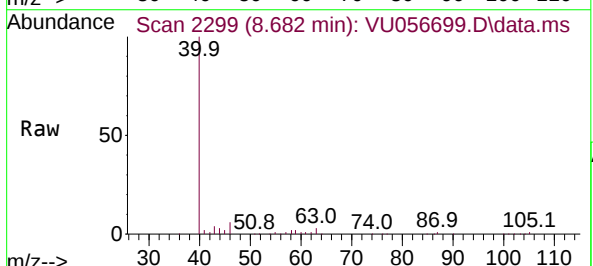
Instrument :
MSVOA_U
ClientSampleId :

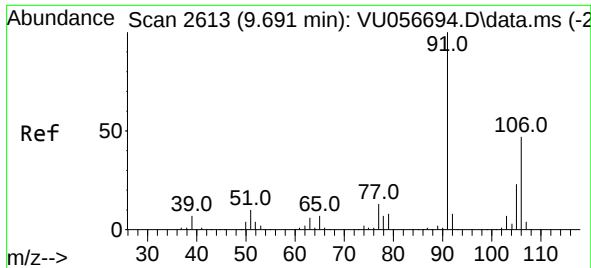
Tgt Ion: 63 Resp: 11394
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#



#48
2-Hexanone
Concen: 0.608 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

Tgt Ion: 43 Resp: 4625
Ion Ratio Lower Upper
43 100
58 0.0 48.7 73.1#
57 0.0 16.8 25.2#
100 6.0 9.9 14.9#

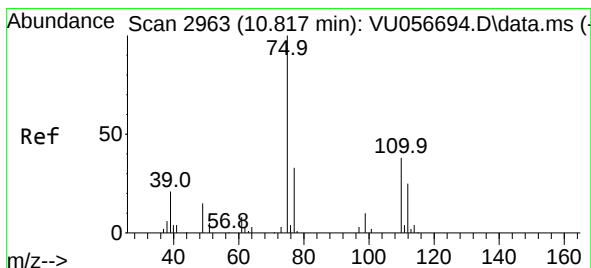
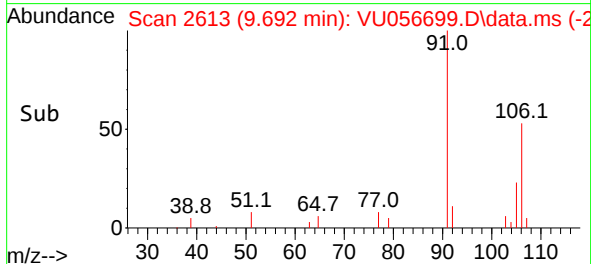
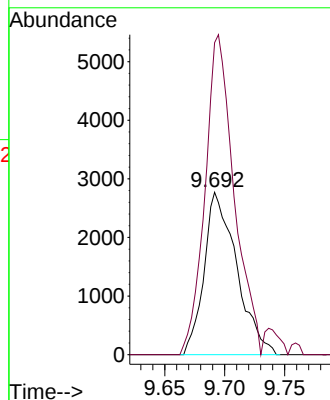
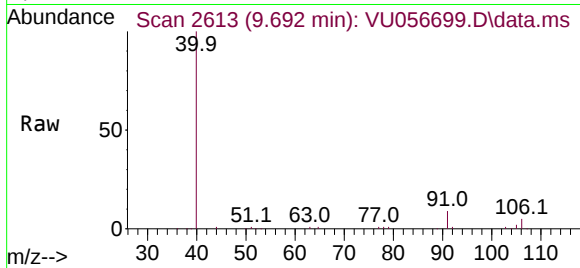




#53
m,p-Xylene
Concen: 0.164 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

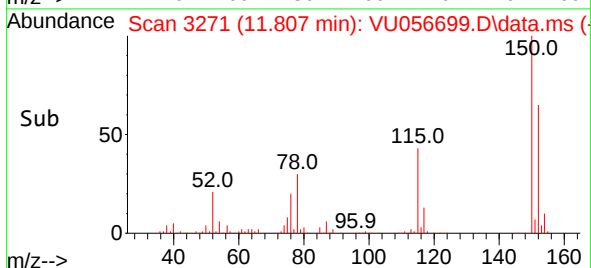
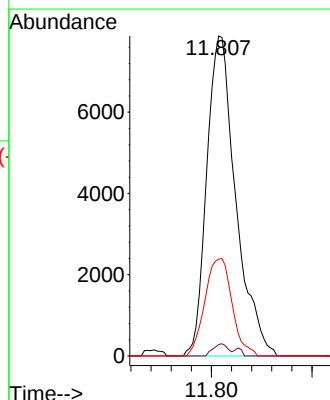
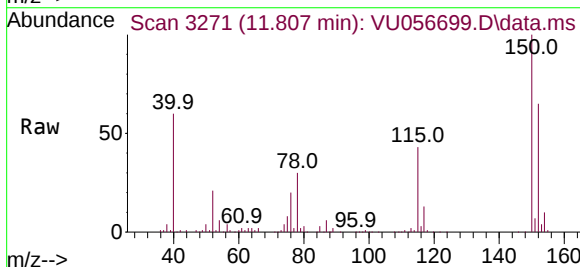
Instrument :
MSVOA_U
ClientSampleId :

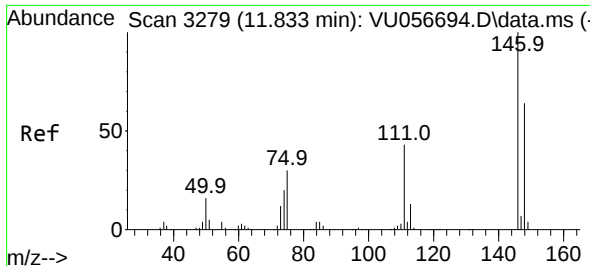
Tgt Ion:106 Resp: 5228
Ion Ratio Lower Upper
106 100
91 192.2 149.6 277.8



#61
1,2,3-Trichloropropane
Concen: 1.677 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

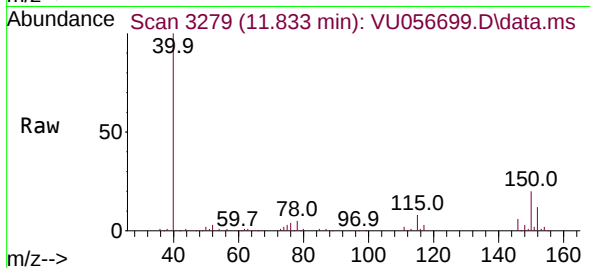
Tgt Ion: 75 Resp: 15794
Ion Ratio Lower Upper
75 100
110 2.0 30.4 45.6#
77 28.4 27.0 40.6



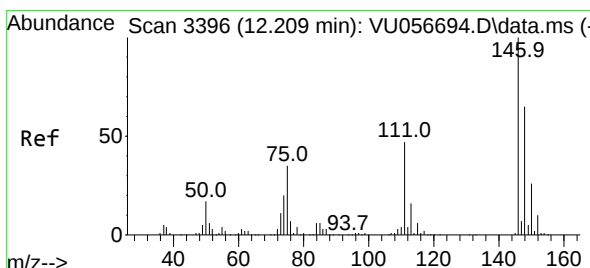
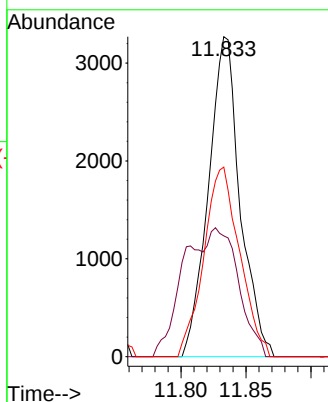
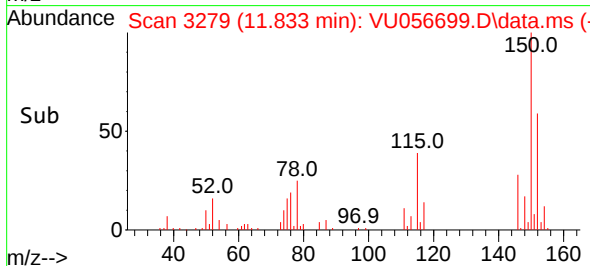


#65
1,4-Dichlorobenzene
Concen: 0.171 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

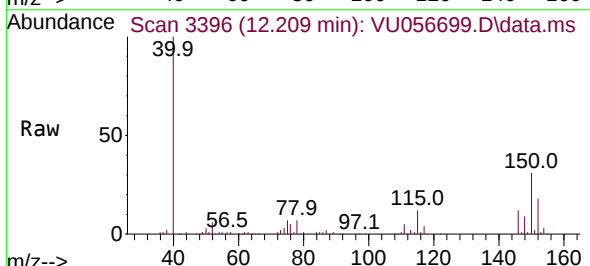
Instrument :
MSVOA_U
ClientSampleId :



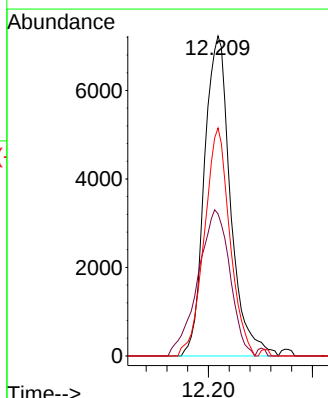
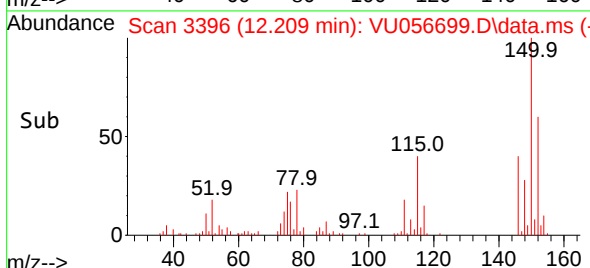
Tgt Ion:146 Resp: 5540
Ion Ratio Lower Upper
146 100
111 37.8 30.5 56.7
148 59.2 44.8 83.2

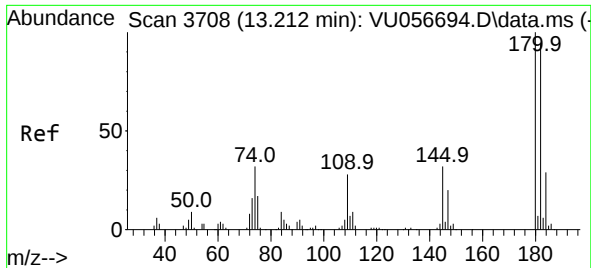


#67
1,2-Dichlorobenzene
Concen: 0.426 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02



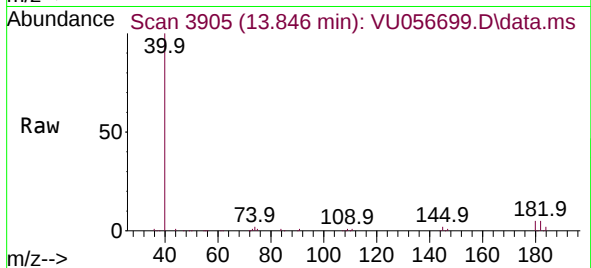
Tgt Ion:146 Resp: 12579
Ion Ratio Lower Upper
146 100
111 44.4 38.3 57.5
148 71.2 52.2 78.4



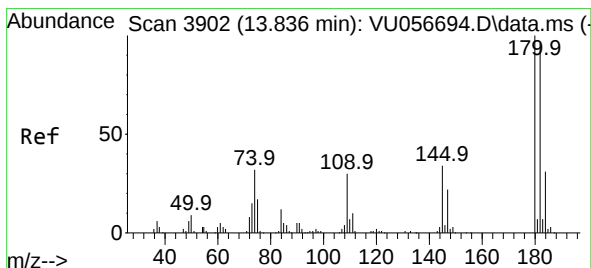
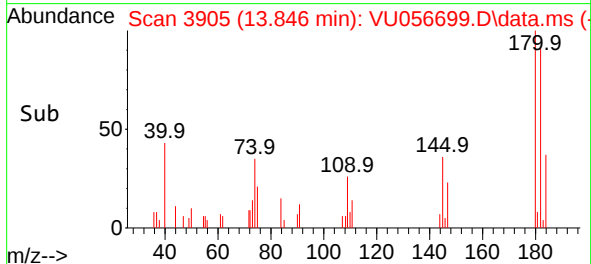
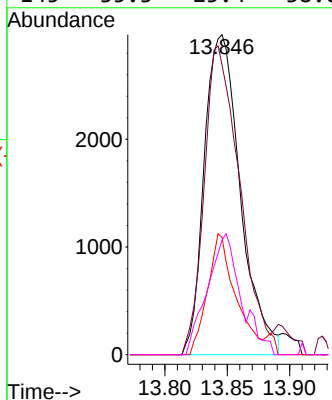


#69
 1,3,5-Trichlorobenzene
 Concen: 0.247 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.634 min
 Lab File: VU056699.D
 Acq: 08 Dec 2023 15:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 5991
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.1 112.7
 184 29.6 23.5 35.3
 145 35.3 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.303 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.010 min
 Lab File: VU056699.D
 Acq: 08 Dec 2023 15:02

Tgt Ion:180 Resp: 5991
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.4 113.2
 145 35.3 26.8 40.2

