

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058495.D
 Acq On : 09 Apr 2024 02:02
 Operator : MD/SY
 Sample : P2013-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:54:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

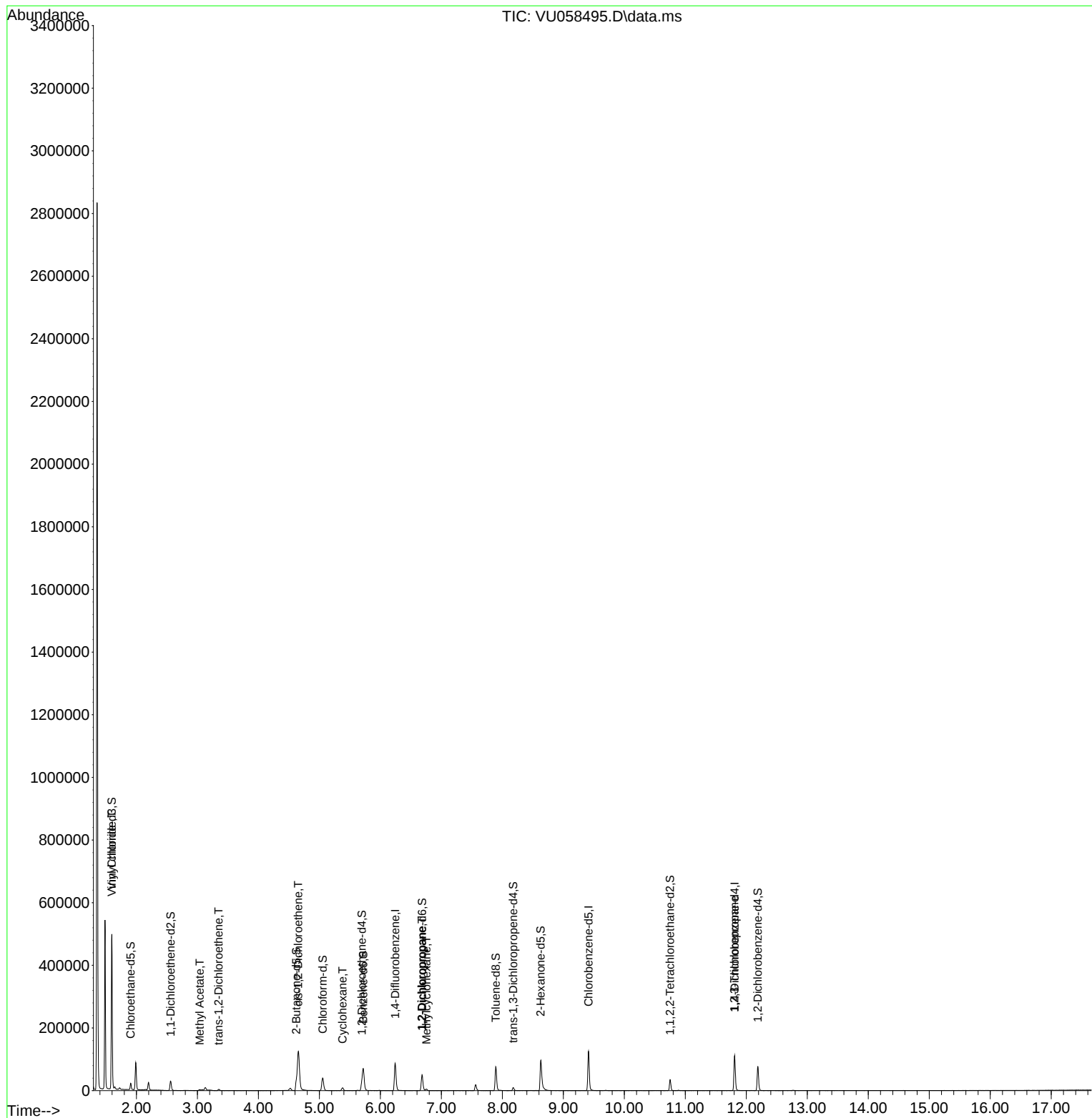
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13461	2.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.904	69	13572	3.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.560	65	6303	3.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.621	46	48287	50.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.052	84	37737	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.695	65	18908	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.718	84	65481	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.682	67	23662	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.891	98	50931	3.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	8.177	79	6235	3.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.627	63	33774	46.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18006	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	20166	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	73226	10.422	ug/L	99
15) Methyl Acetate	3.036	43	1193	0.616	ug/L #	55
18) trans-1,2-Dichloroethene	3.348	96	789	0.154	ug/L #	91
22) cis-1,2-Dichloroethene	4.653	96	60395	10.499	ug/L	97
30) Cyclohexane	5.377	56	4121	0.435	ug/L	97
35) Methylcyclohexane	6.753	83	1770	0.192	ug/L #	85
37) 1,2-Dichloropropane	6.679	63	2633	0.413	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4132	1.401	ug/L #	70

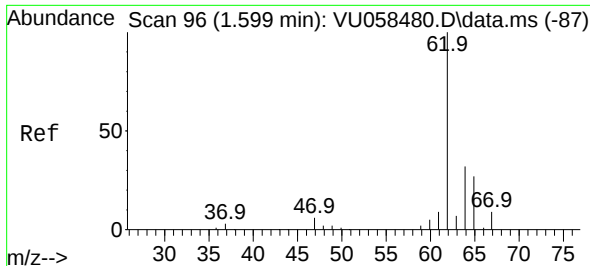
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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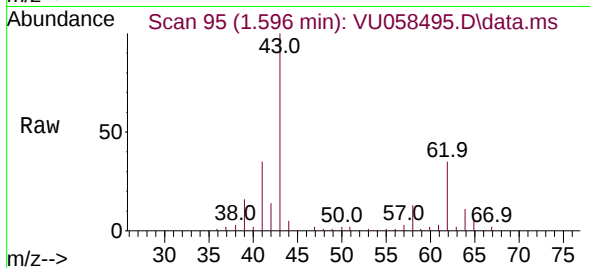
Quant Time: Apr 09 05:54:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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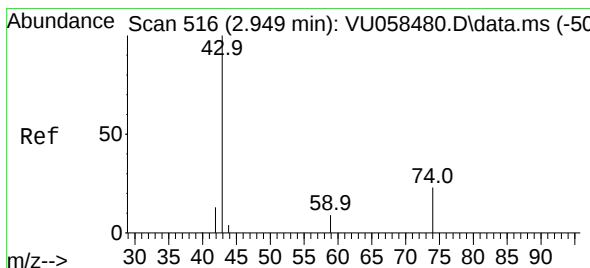
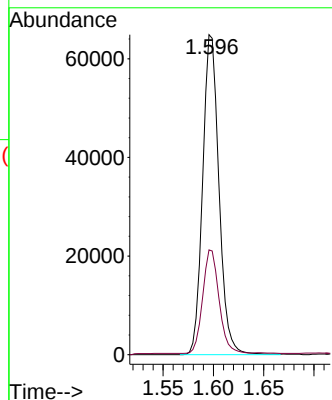
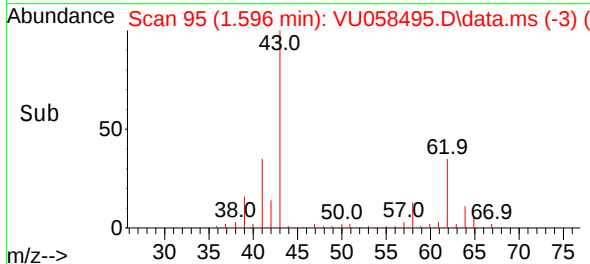


#5
 Vinyl chloride
 Concen: 10.422 ug/L
 RT: 1.596 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU058495.D
 Acq: 09 Apr 2024 02:02

Instrument :
 MSVOA_U
 ClientSampleId :

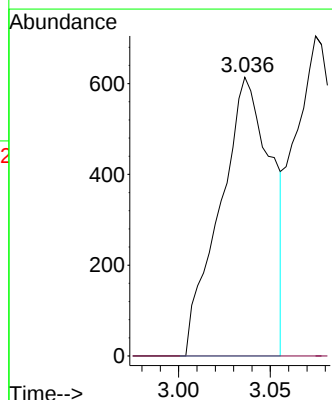
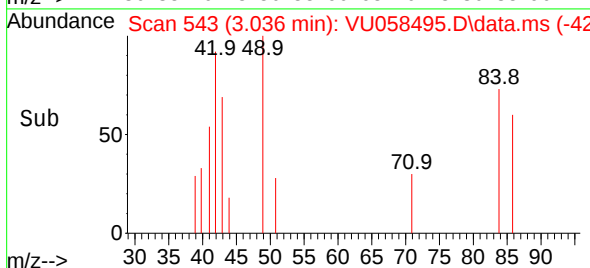
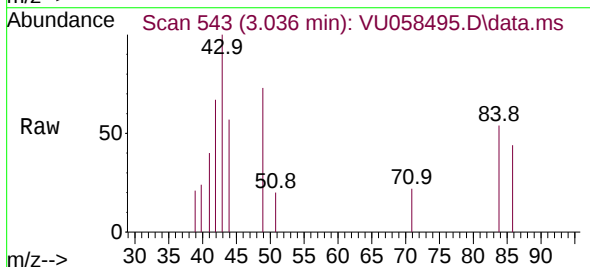


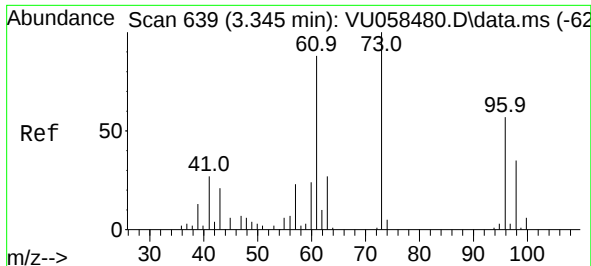
Tgt Ion: 62 Resp: 73226
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#15
 Methyl Acetate
 Concen: 0.616 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. 0.087 min
 Lab File: VU058495.D
 Acq: 09 Apr 2024 02:02

Tgt Ion: 43 Resp: 1193
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.6 25.0#





#18

trans-1,2-Dichloroethene

Concen: 0.154 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058495.D

Acq: 09 Apr 2024 02:02

Instrument :

MSVOA_U

ClientSampleId :

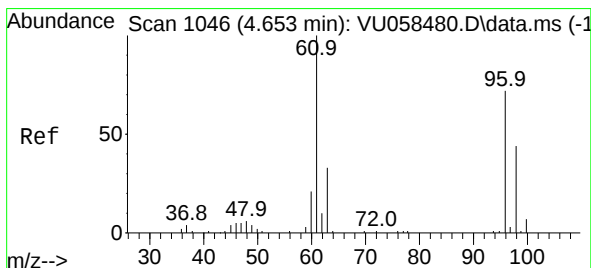
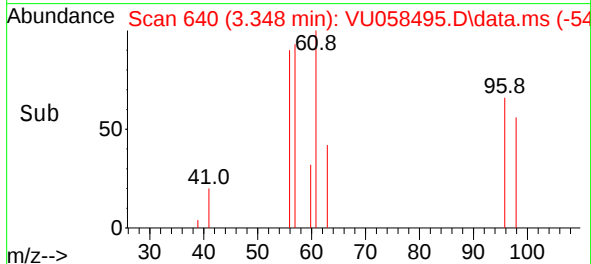
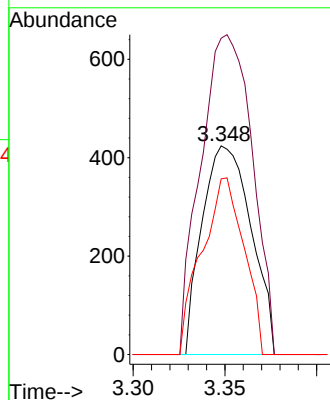
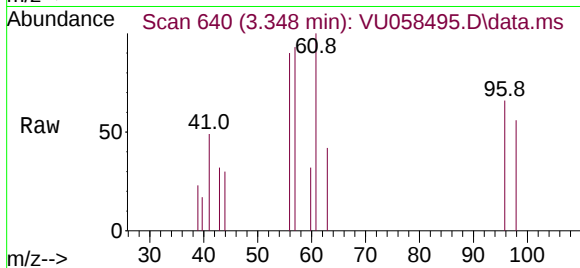
Tgt Ion: 96 Resp: 789

Ion Ratio Lower Upper

96 100

61 151.7 107.6 199.8

98 84.2 45.1 83.7#



#22

cis-1,2-Dichloroethene

Concen: 10.499 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU058495.D

Acq: 09 Apr 2024 02:02

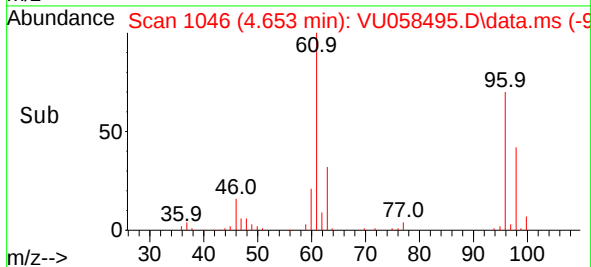
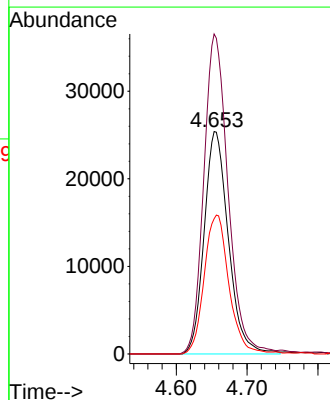
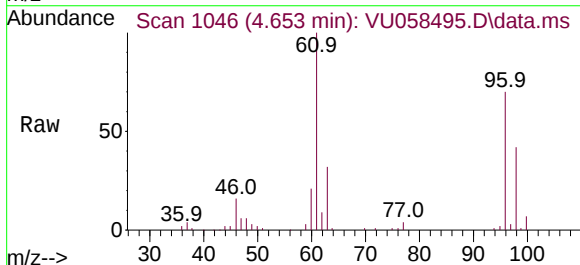
Tgt Ion: 96 Resp: 60395

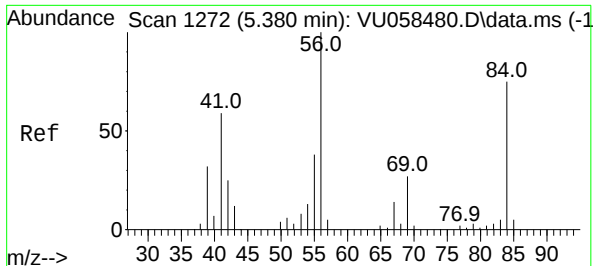
Ion Ratio Lower Upper

96 100

61 143.9 98.1 182.3

98 60.8 43.6 81.0





#30

Cyclohexane

Concen: 0.435 ug/L

RT: 5.377 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058495.D

Acq: 09 Apr 2024 02:02

Instrument :

MSVOA_U

ClientSampleId :

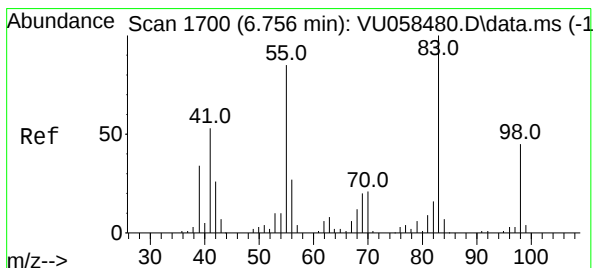
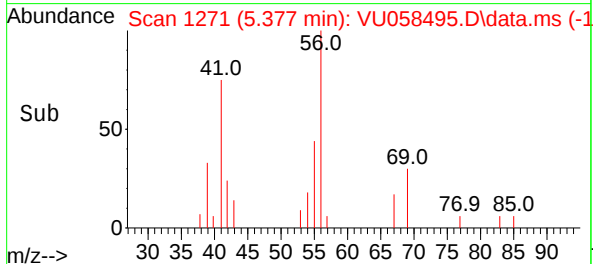
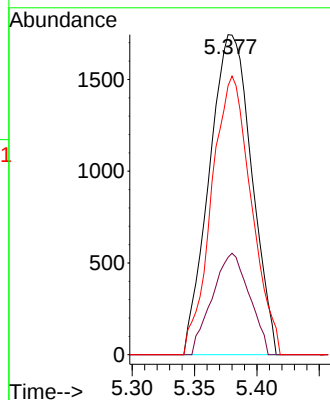
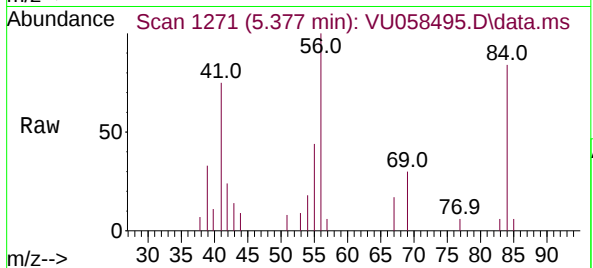
Tgt Ion: 56 Resp: 4121

Ion Ratio Lower Upper

56 100

69 27.7 23.2 34.8

84 81.7 63.3 94.9



#35

Methylcyclohexane

Concen: 0.192 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058495.D

Acq: 09 Apr 2024 02:02

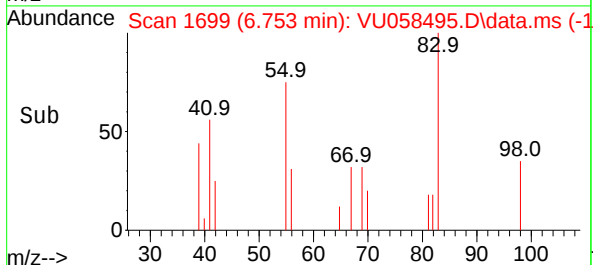
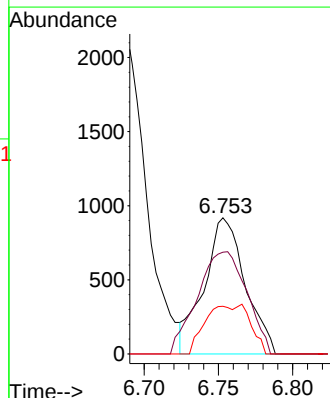
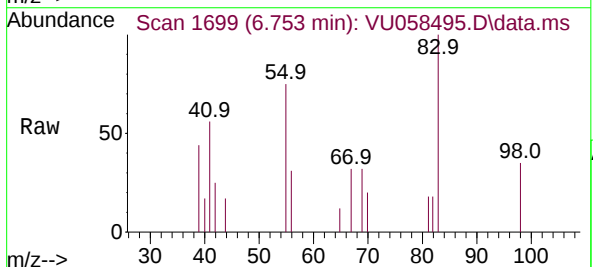
Tgt Ion: 83 Resp: 1770

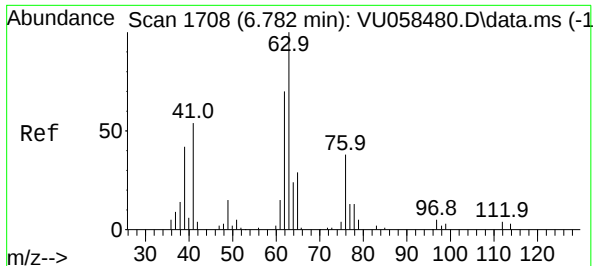
Ion Ratio Lower Upper

83 100

55 90.0 66.2 99.4

98 24.7 34.6 52.0#

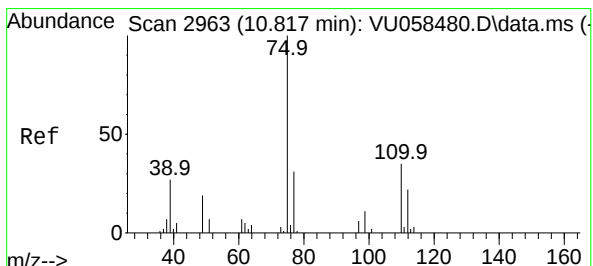
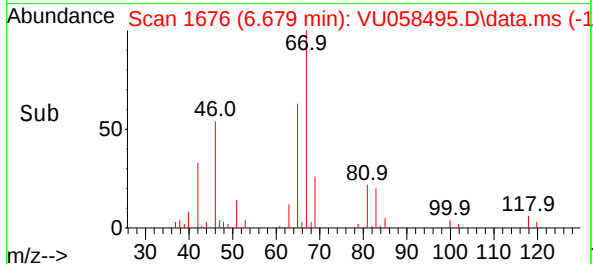
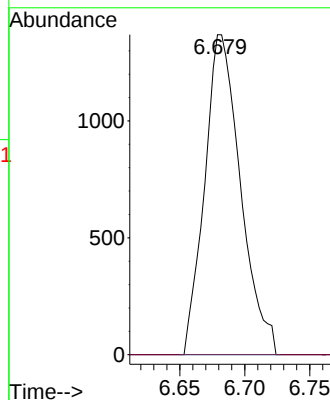
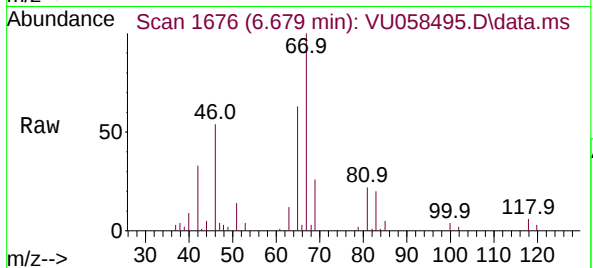




#37
1,2-Dichloropropane
Concen: 0.413 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058495.D
Acq: 09 Apr 2024 02:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2633
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.401 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058495.D
Acq: 09 Apr 2024 02:02

Tgt Ion: 75 Resp: 4132
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 32.9 25.1 37.7

