

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058491.D
 Acq On : 09 Apr 2024 00:28
 Operator : MD/SY
 Sample : P2013-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:52:58 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

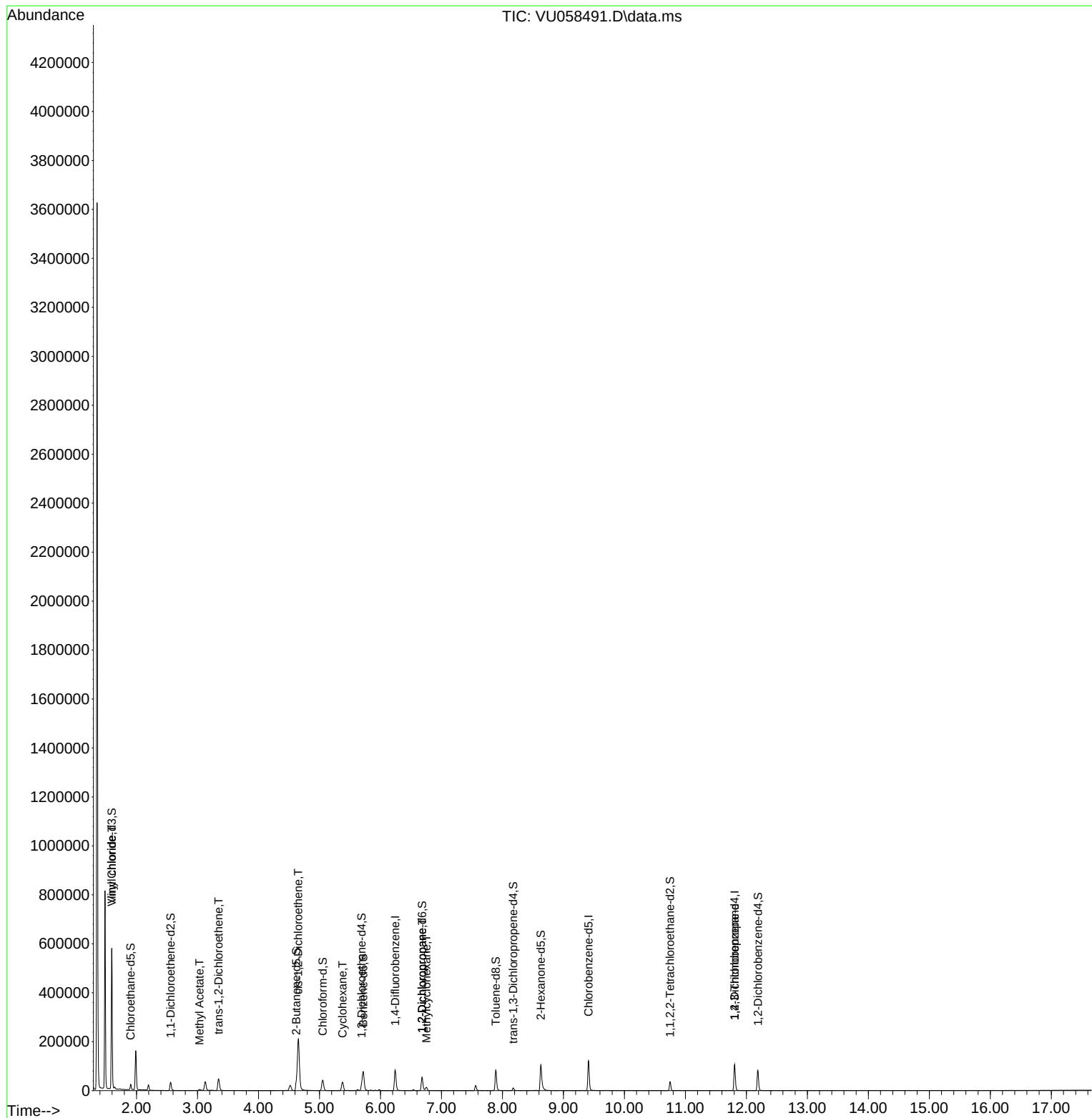
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67040	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14616	3.293	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.904	69	15021	3.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.560	65	6651	3.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.621	46	56517	60.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.840%
24) Chloroform-d	5.052	84	41123	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.692	65	20397	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.717	84	71233	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.682	67	25413	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	56512	3.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	7055	4.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.630	63	36071	51.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19125	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	21848	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
5) Vinyl chloride	1.595	62	49151	7.197	ug/L	100
15) Methyl Acetate	3.033	43	3353	1.780	ug/L #	55
18) trans-1,2-Dichloroethene	3.345	96	17149	3.444	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	100118	17.904	ug/L	97
30) Cyclohexane	5.377	56	16517	1.785	ug/L	99
35) Methylcyclohexane	6.753	83	5067	0.563	ug/L	90
37) 1,2-Dichloropropane	6.682	63	3053	0.490	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3937	1.391	ug/L #	70

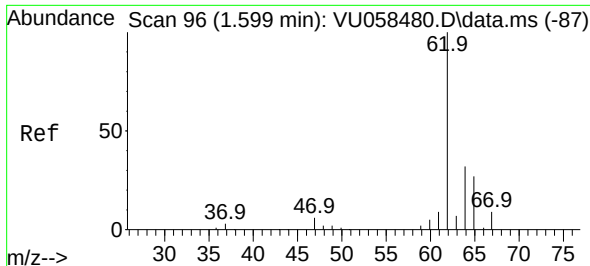
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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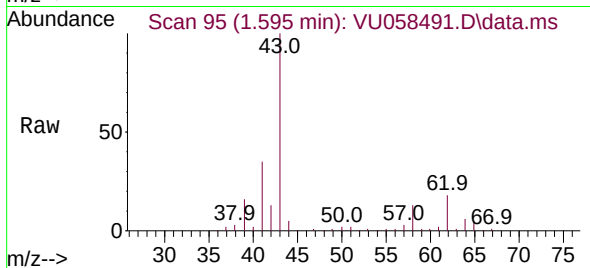
Quant Time: Apr 09 05:52:58 2024
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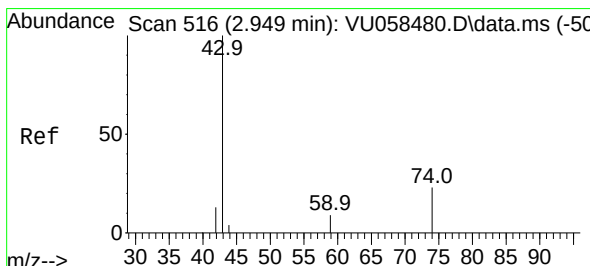
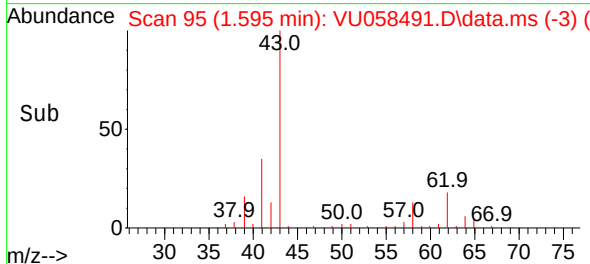
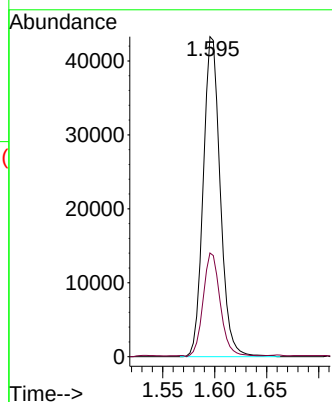


#5
 Vinyl chloride
 Concen: 7.197 ug/L
 RT: 1.595 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU058491.D
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 ClientSampleId :

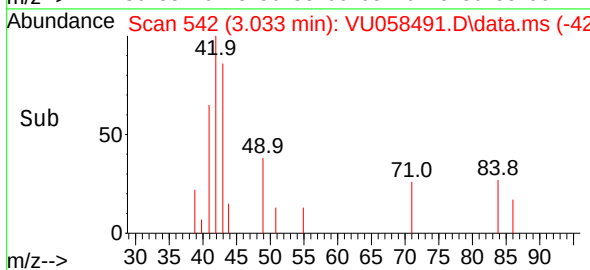
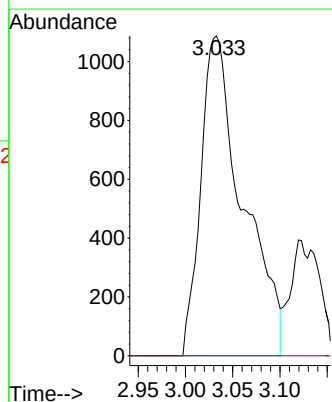
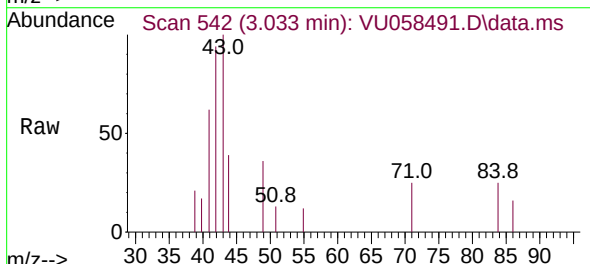


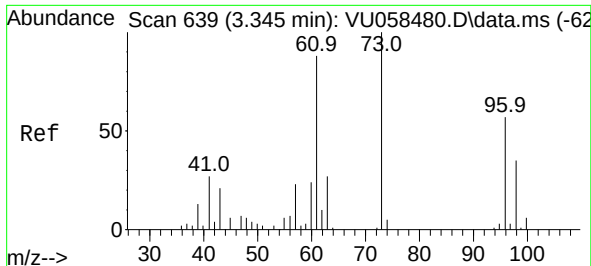
Tgt Ion: 62 Resp: 49151
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



#15
 Methyl Acetate
 Concen: 1.780 ug/L
 RT: 3.033 min Scan# 542
 Delta R.T. 0.083 min
 Lab File: VU058491.D
 Acq: 09 Apr 2024 00:28

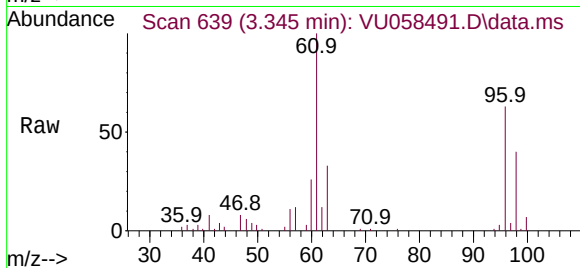
Tgt Ion: 43 Resp: 3353
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.6 25.0#



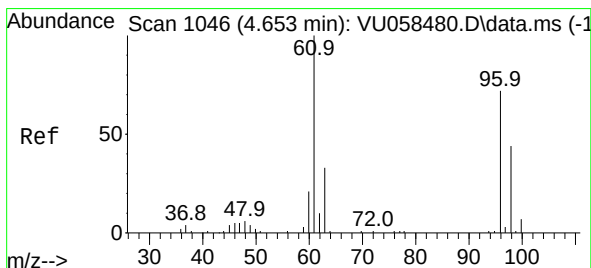
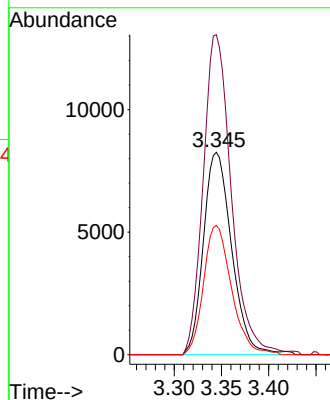
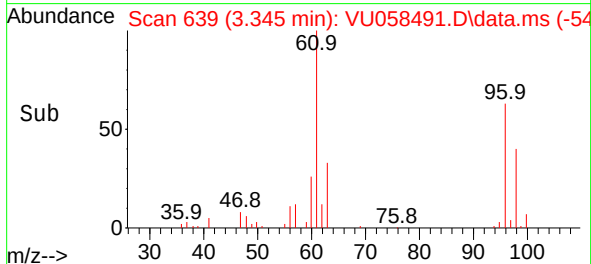


#18
trans-1,2-Dichloroethene
Concen: 3.444 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058491.D
Acq: 09 Apr 2024 00:28

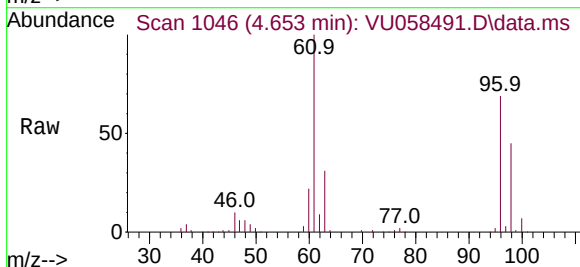
Instrument :
MSVOA_U
ClientSampleId :



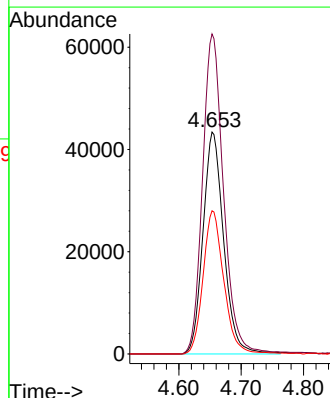
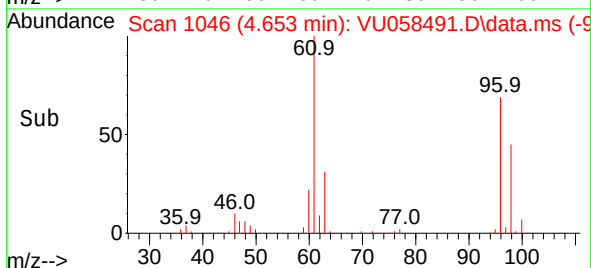
Tgt Ion: 96 Resp: 17149
Ion Ratio Lower Upper
96 100
61 158.1 107.6 199.8
98 63.9 45.1 83.7

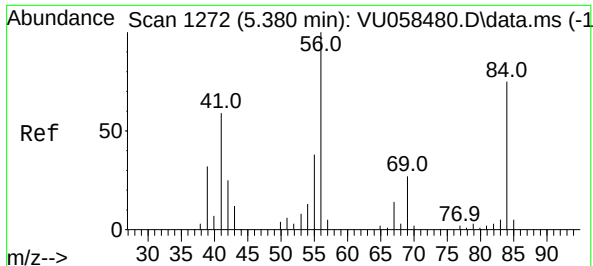


#22
cis-1,2-Dichloroethene
Concen: 17.904 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058491.D
Acq: 09 Apr 2024 00:28



Tgt Ion: 96 Resp: 100118
Ion Ratio Lower Upper
96 100
61 144.2 98.1 182.3
98 64.6 43.6 81.0





#30

Cyclohexane

Concen: 1.785 ug/L

RT: 5.377 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058491.D

Acq: 09 Apr 2024 00:28

Instrument :

MSVOA_U

ClientSampleId :

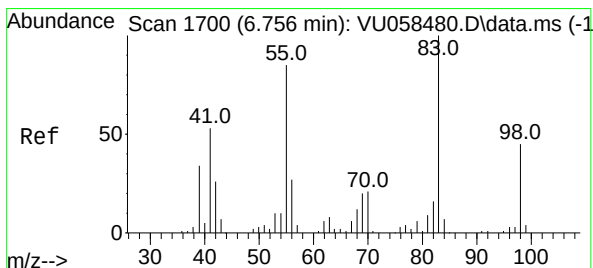
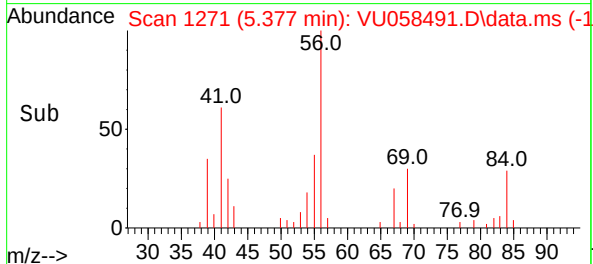
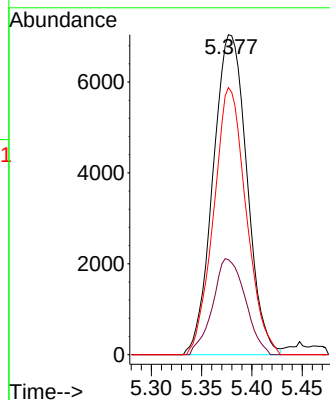
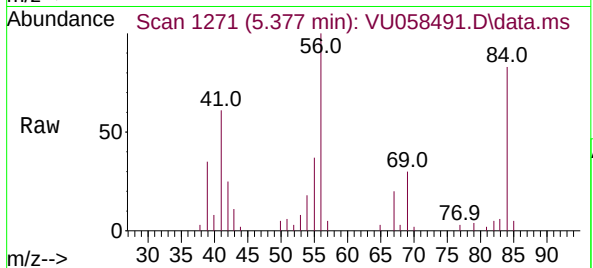
Tgt Ion: 56 Resp: 16517

Ion Ratio Lower Upper

56 100

69 28.8 23.2 34.8

84 80.0 63.3 94.9



#35

Methylcyclohexane

Concen: 0.563 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058491.D

Acq: 09 Apr 2024 00:28

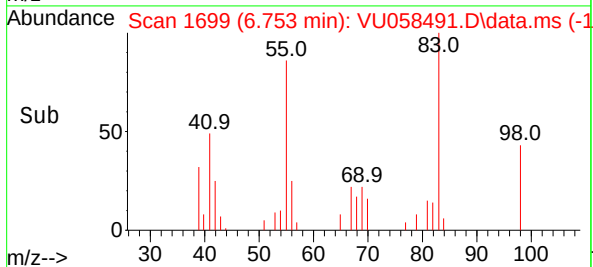
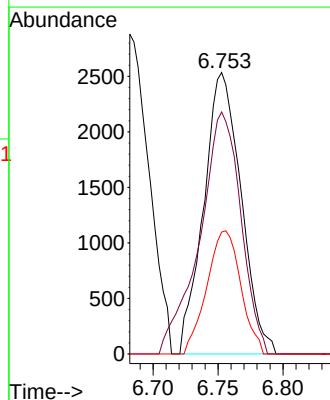
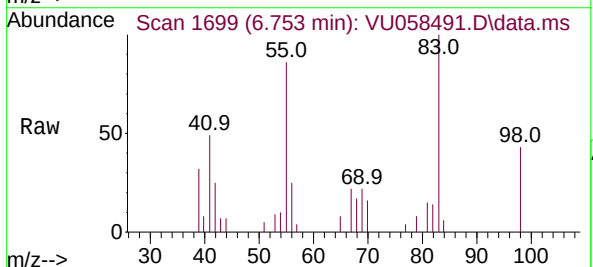
Tgt Ion: 83 Resp: 5067

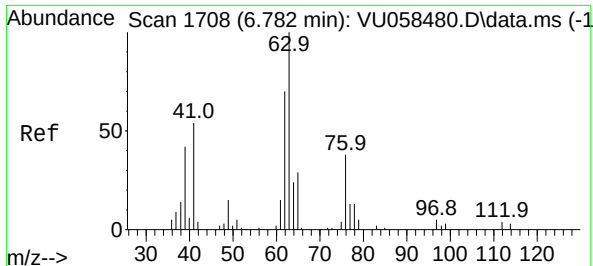
Ion Ratio Lower Upper

83 100

55 94.4 66.2 99.4

98 39.8 34.6 52.0

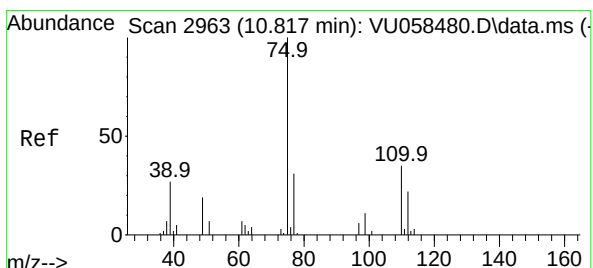
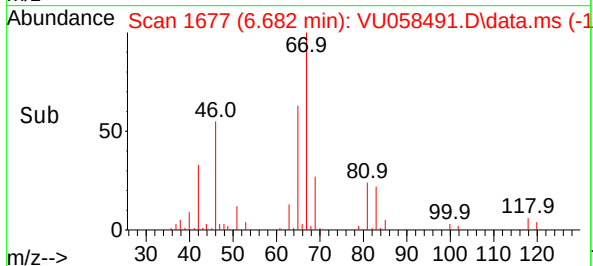
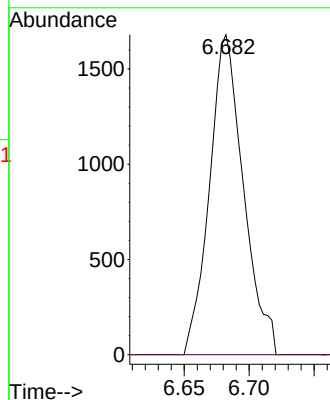
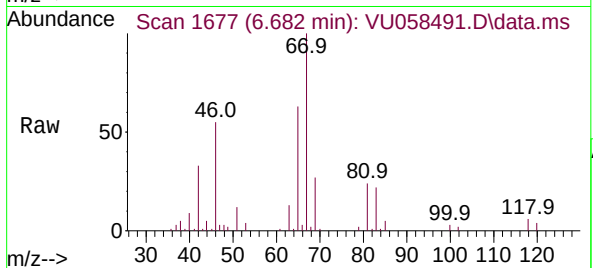




#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058491.D
Acq: 09 Apr 2024 00:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3053
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.391 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058491.D
Acq: 09 Apr 2024 00:28

Tgt Ion: 75 Resp: 3937
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.9 25.1 37.7

