

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058484.D
 Acq On : 08 Apr 2024 21:43
 Operator : MD/SY
 Sample : P2013-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:51:16 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)

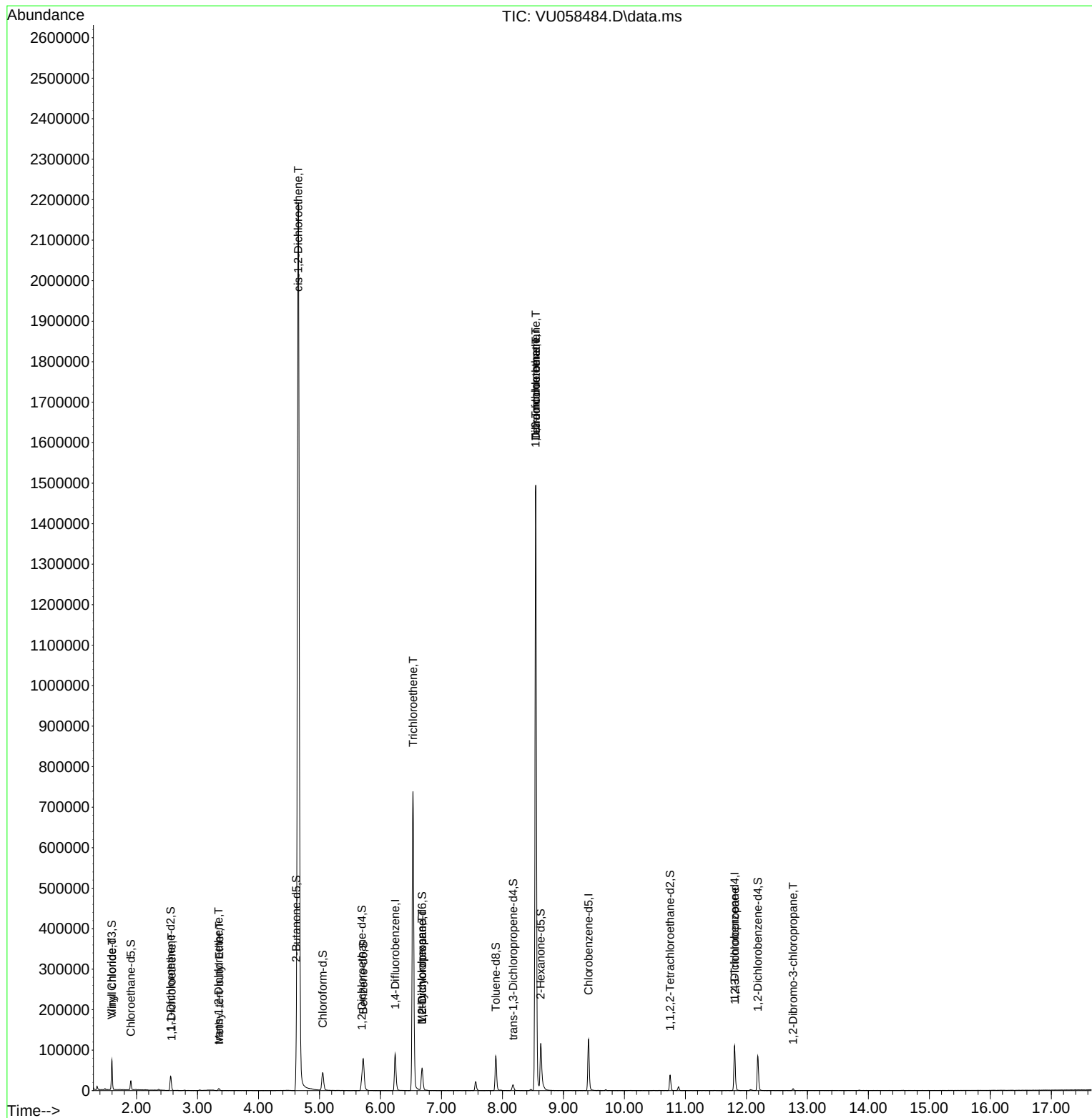
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14011	3.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	14655	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.560	65	6537	3.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.621	46	57053	58.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.440%
24) Chloroform-d	5.052	84	41618	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	20778	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.717	84	72307	3.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	26818	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	57481	3.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	7687	4.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.627	63	40733	55.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19509	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	22414	4.596	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	37596	5.299	ug/L	100
12) 1,1-Dichloroethene	2.576	96	899	0.182	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	1185	0.102	ug/L #	81
18) trans-1,2-Dichloroethene	3.345	96	1864	0.360	ug/L	80
22) cis-1,2-Dichloroethene	4.653	96	1062226	182.868	ug/L	96
34) Trichloroethene	6.534	95	255367	41.100	ug/L	97
35) Methylcyclohexane	6.679	83	5591	0.597	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2791	0.430	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	2750	0.726	ug/L #	1
47) Tetrachloroethene	8.547	164	306204	67.226	ug/L	98
49) Dibromochloromethane	8.547	129	302465	69.073	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	4081	1.381	ug/L #	70
68) 1,2-Dibromo-3-chloropr...	12.765	75	73	0.146	ug/L #	4

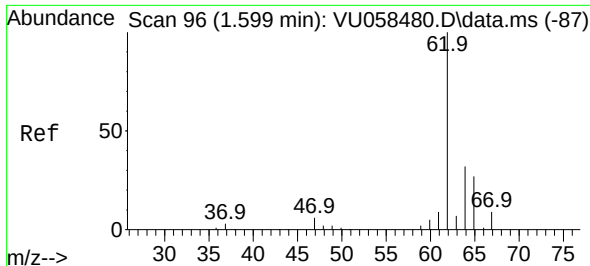
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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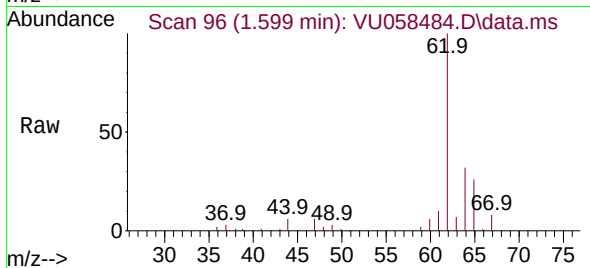
Quant Time: Apr 09 05:51:16 2024
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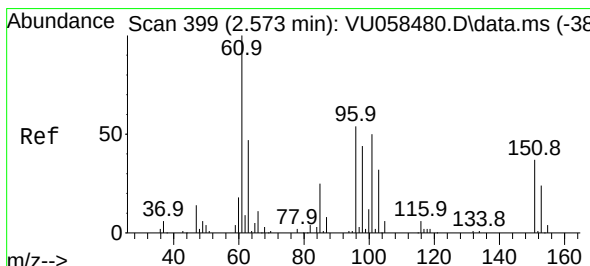
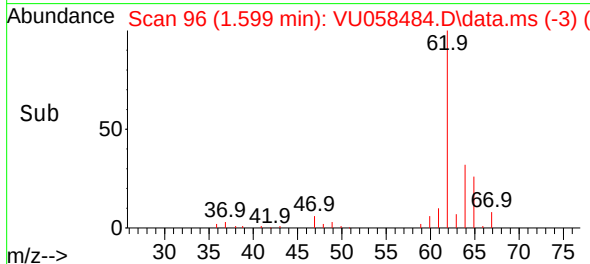
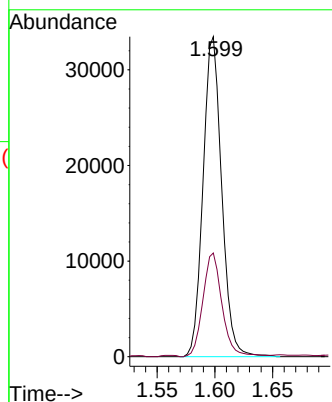


#5
 Vinyl chloride
 Concen: 5.299 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058484.D
 Acq: 08 Apr 2024 21:43

Instrument :
 MSVOA_U
 ClientSampleId :

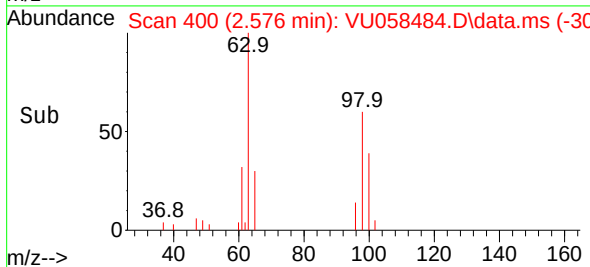
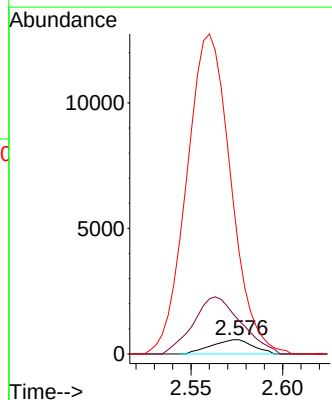
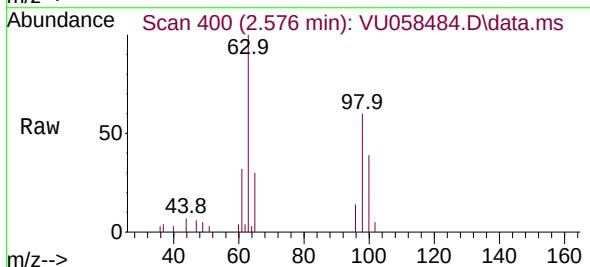


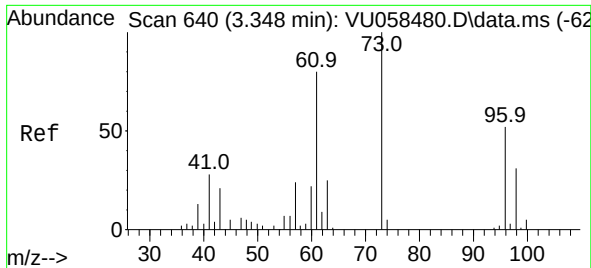
Tgt Ion: 62 Resp: 37596
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



#12
 1,1-Dichloroethene
 Concen: 0.182 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU058484.D
 Acq: 08 Apr 2024 21:43

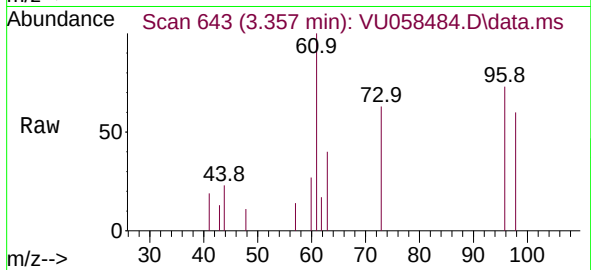
Tgt Ion: 96 Resp: 899
 Ion Ratio Lower Upper
 96 100
 61 234.4 132.5 246.1
 63 721.8 87.7 162.9#



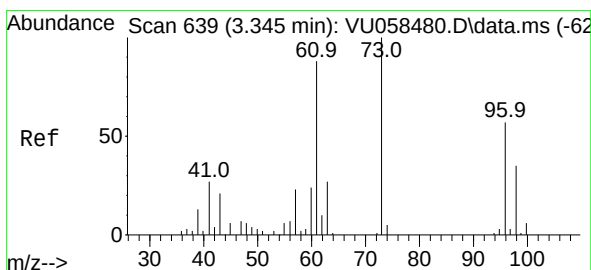
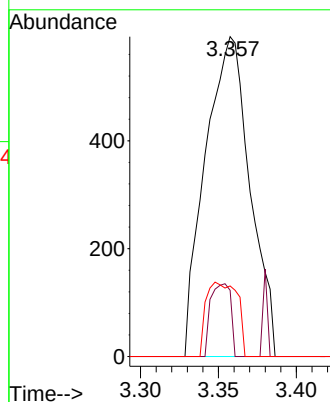
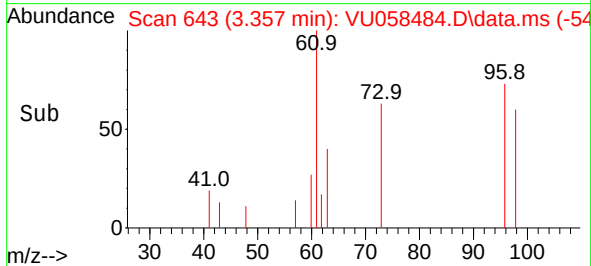


#17
Methyl tert-butyl Ether
Concen: 0.102 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU058484.D
Acq: 08 Apr 2024 21:43

Instrument :
MSVOA_U
ClientSampleId :

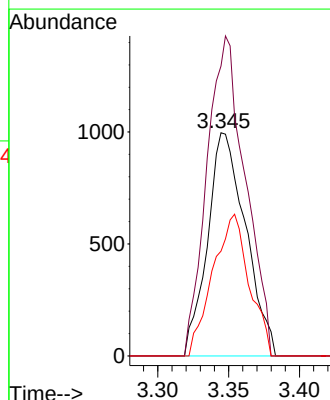
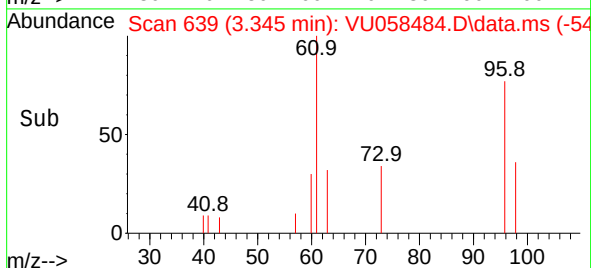
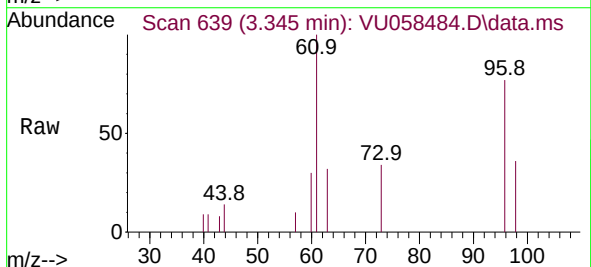


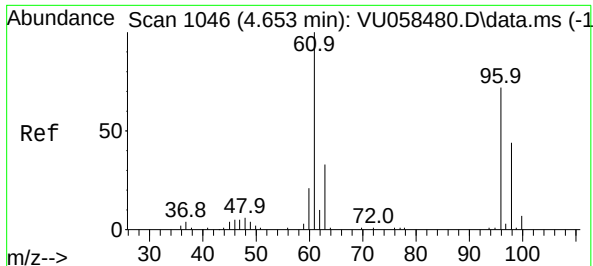
Tgt Ion: 73 Resp: 1185
Ion Ratio Lower Upper
73 100
43 10.1 17.4 26.2#
57 16.1 18.6 27.8#



#18
trans-1,2-Dichloroethene
Concen: 0.360 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058484.D
Acq: 08 Apr 2024 21:43

Tgt Ion: 96 Resp: 1864
Ion Ratio Lower Upper
96 100
61 129.9 107.6 199.8
98 46.9 45.1 83.7





#22
 cis-1,2-Dichloroethene
 Concen: 182.868 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU058484.D
 Acq: 08 Apr 2024 21:43

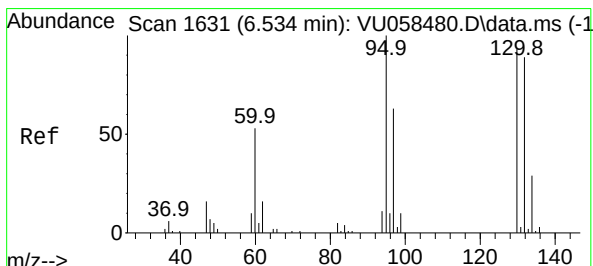
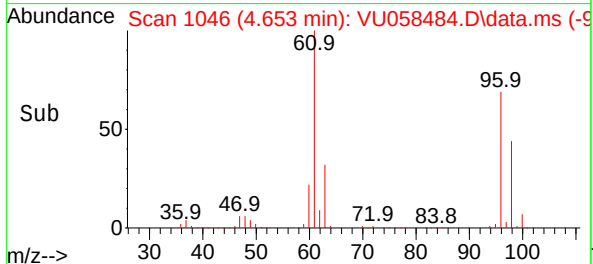
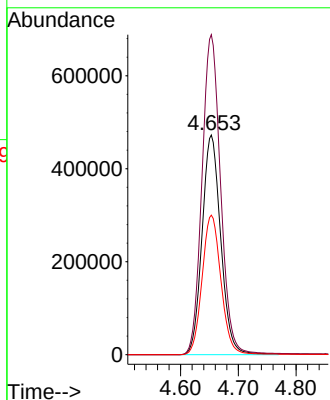
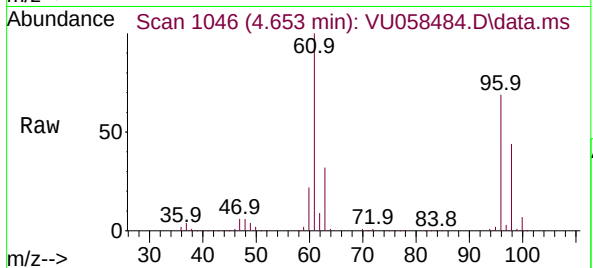
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1062226

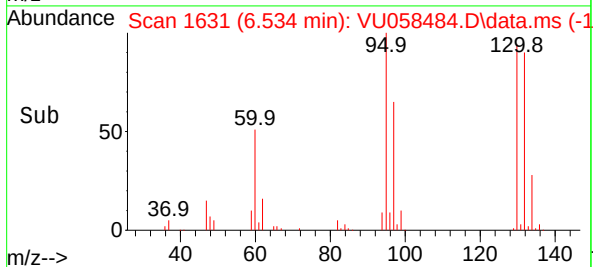
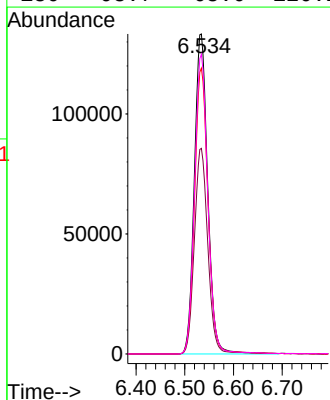
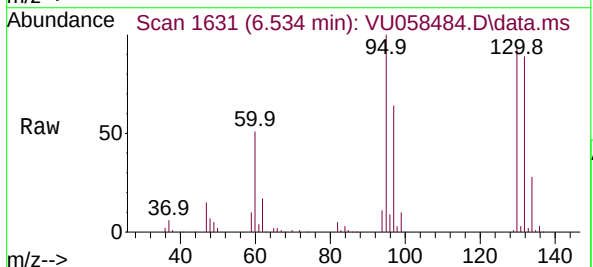
Ion	Ratio	Lower	Upper
96	100		
61	145.6	98.1	182.3
98	63.5	43.6	81.0

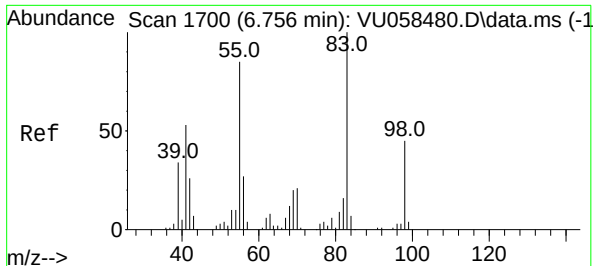


#34
 Trichloroethene
 Concen: 41.100 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU058484.D
 Acq: 08 Apr 2024 21:43

Tgt Ion: 95 Resp: 255367

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.6
132	89.3	64.8	120.3
130	93.7	68.0	126.2





#35

Methylcyclohexane

Concen: 0.597 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU058484.D

Acq: 08 Apr 2024 21:43

Instrument :

MSVOA_U

ClientSampleId :

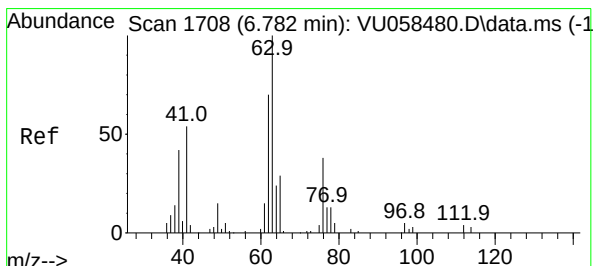
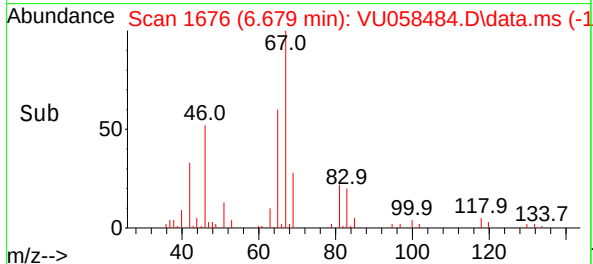
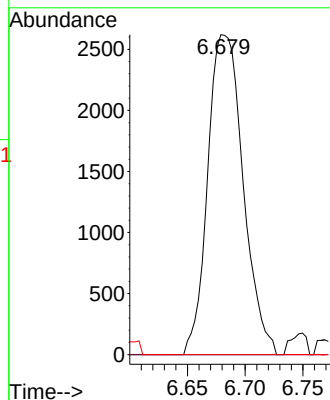
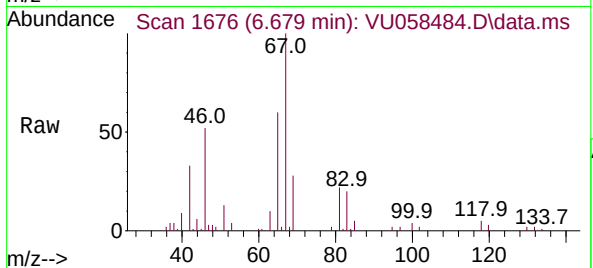
Tgt Ion: 83 Resp: 5591

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.430 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058484.D

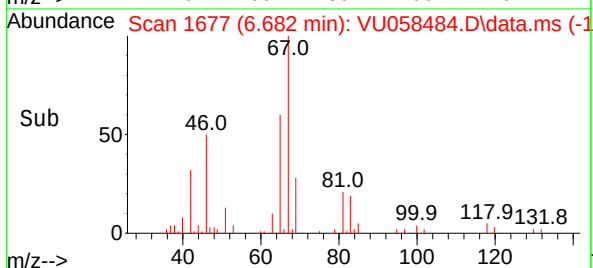
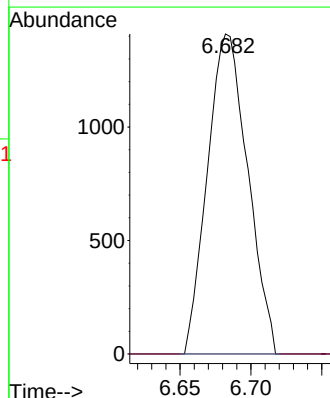
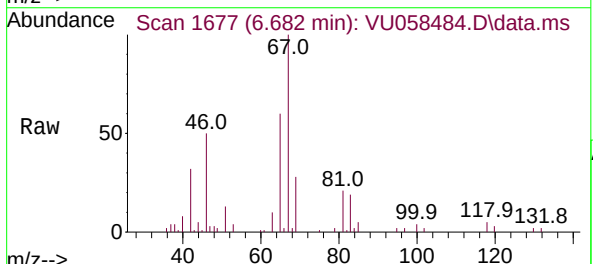
Acq: 08 Apr 2024 21:43

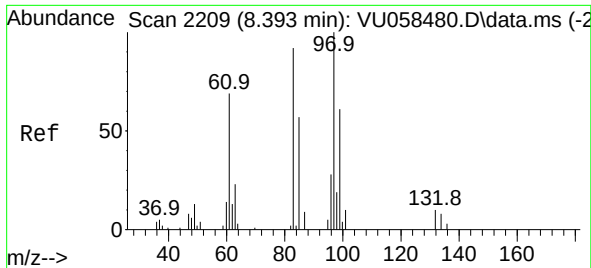
Tgt Ion: 63 Resp: 2791

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#



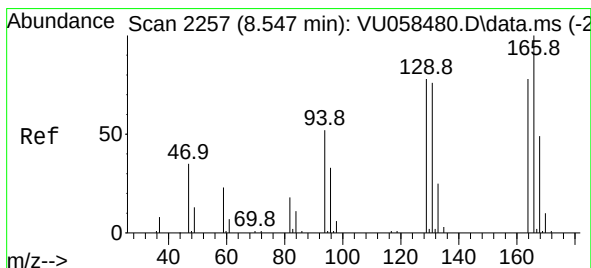
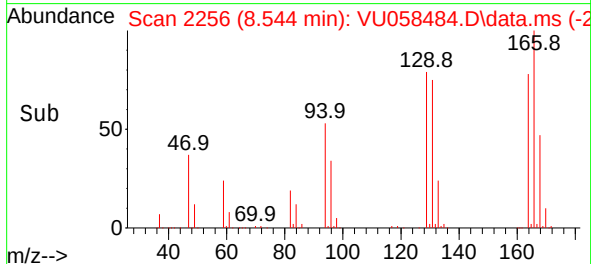
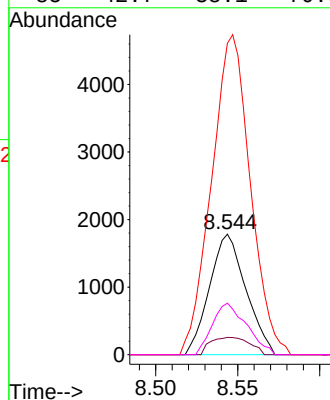
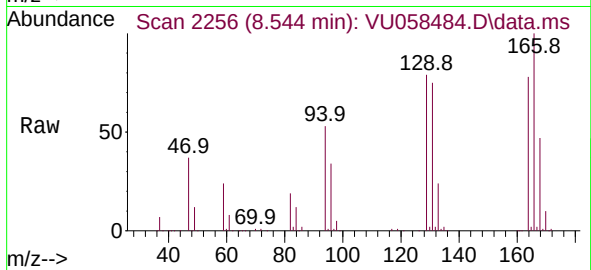


#45
1,1,2-Trichloroethane
Concen: 0.726 ug/L
RT: 8.544 min Scan# 2209
Delta R.T. 0.151 min
Lab File: VU058484.D
Acq: 08 Apr 2024 21:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2750

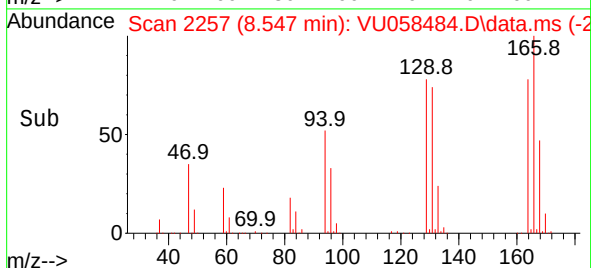
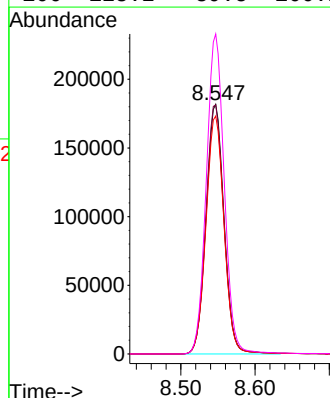
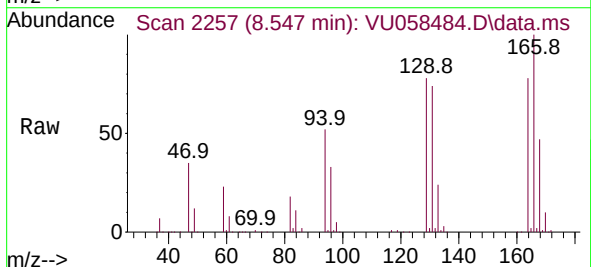
Ion	Ratio	Lower	Upper
97	100		
99	14.4	43.7	81.1#
83	258.6	64.5	119.7#
85	42.7	38.1	70.9

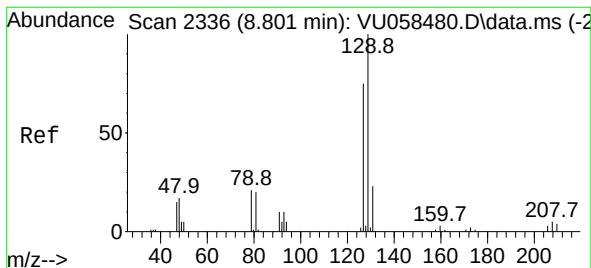


#47
Tetrachloroethene
Concen: 67.226 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058484.D
Acq: 08 Apr 2024 21:43

Tgt Ion:164 Resp: 306204

Ion	Ratio	Lower	Upper
164	100		
129	99.8	67.3	125.1
131	95.3	65.5	121.6
166	128.2	89.5	166.1





#49

Dibromochloromethane

Concen: 69.073 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058484.D

Acq: 08 Apr 2024 21:43

Instrument :

MSVOA_U

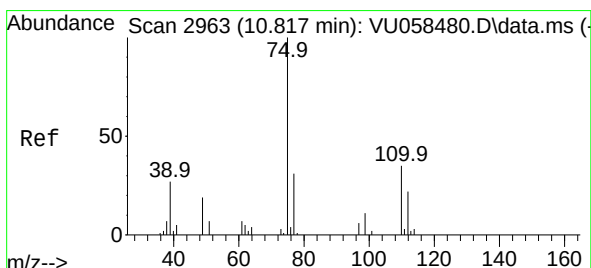
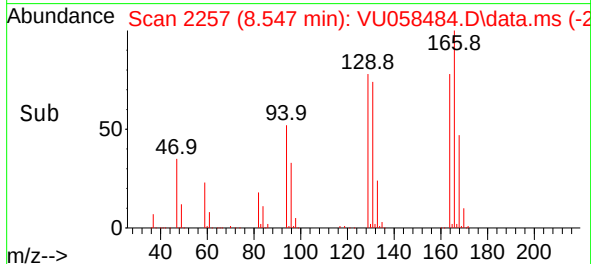
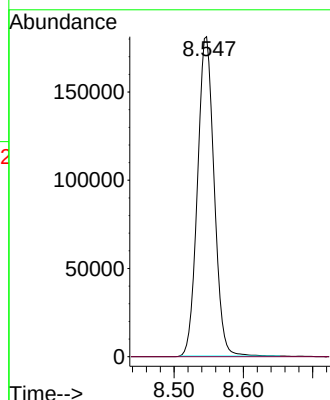
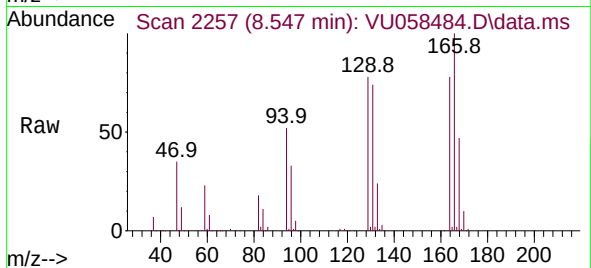
ClientSampleId :

Tgt Ion:129 Resp: 302465

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.381 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU058484.D

Acq: 08 Apr 2024 21:43

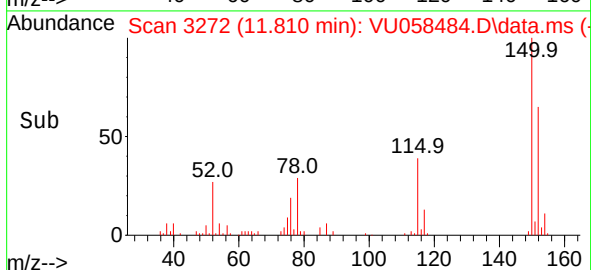
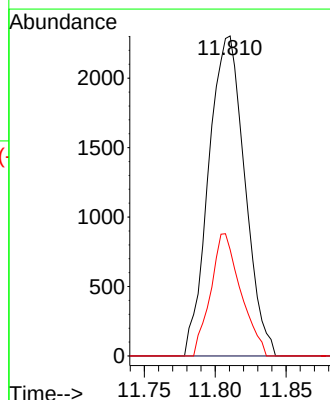
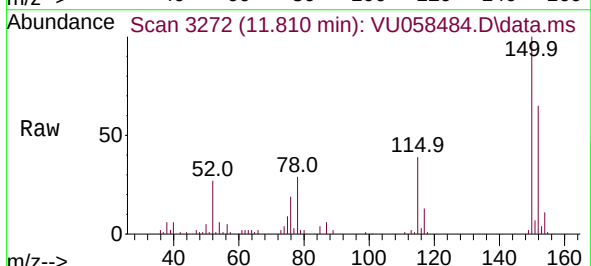
Tgt Ion: 75 Resp: 4081

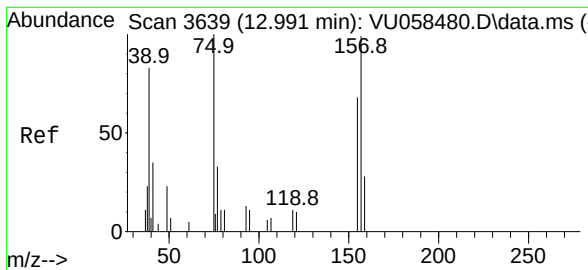
Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

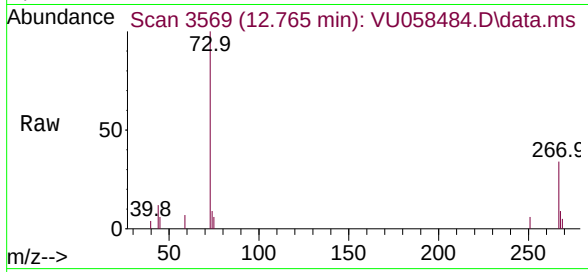
77 31.9 25.1 37.7





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.146 ug/L
 RT: 12.765 min Scan# 3569
 Delta R.T. -0.225 min
 Lab File: VU058484.D
 Acq: 08 Apr 2024 21:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	73
Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.4	92.0#
157	0.0	81.7	122.5#

