

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059875.D
 Acq On : 08 Jul 2024 11:58
 Operator : MD/SY
 Sample : P3137-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:34:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

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

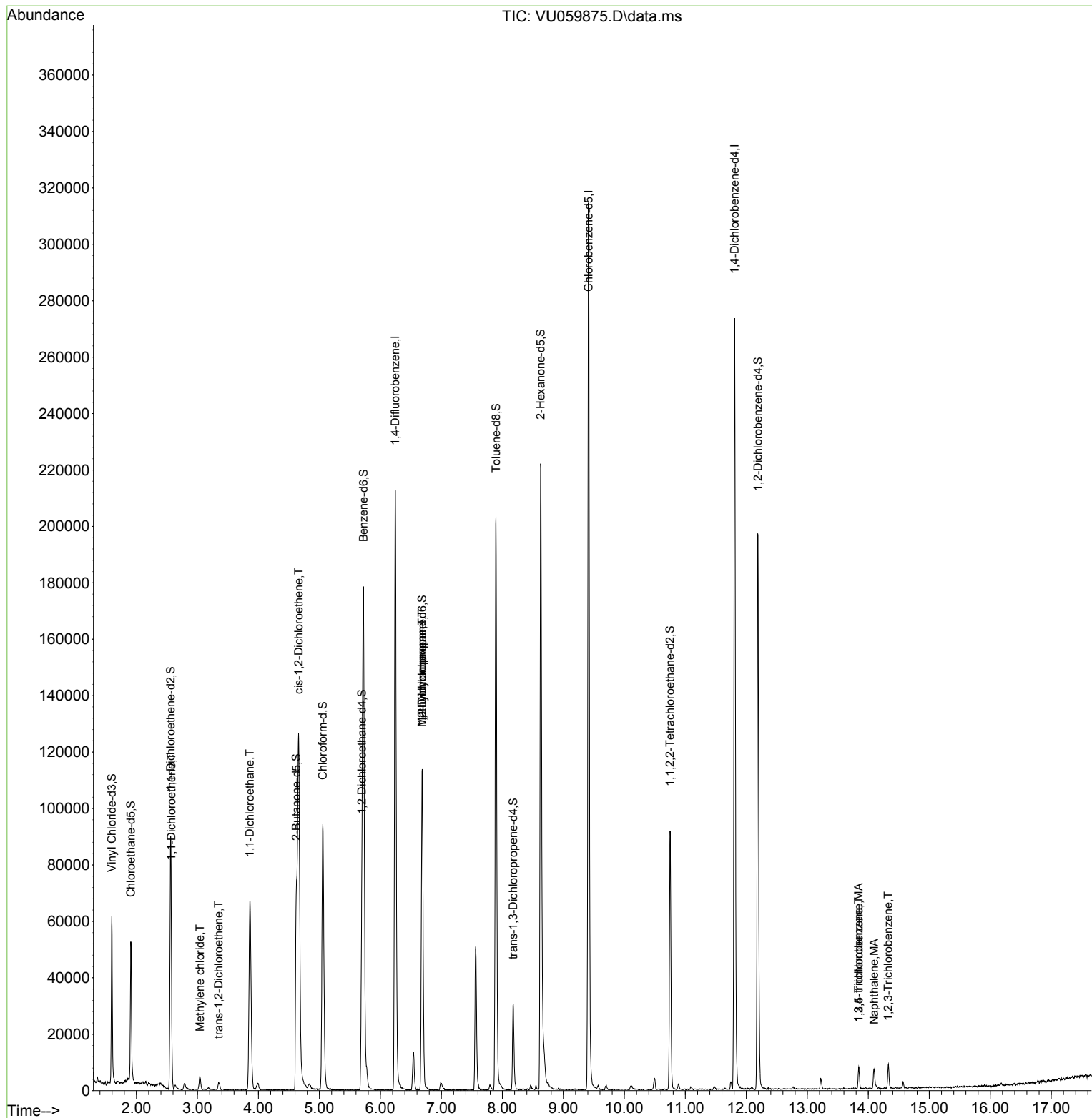
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	186813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41677	3.272	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.908	69	38213	3.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.400%#
11) 1,1-Dichloroethene-d2	2.560	65	16561	3.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.621	46	100016	38.124	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.240%
24) Chloroform-d	5.055	84	91069	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
26) 1,2-Dichloroethane-d4	5.695	65	44541	3.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
32) Benzene-d6	5.721	84	176919	3.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	6.682	67	59265	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.894	98	146581	3.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.400%#
43) trans-1,3-Dichloroprop...	8.177	79	19012	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.627	63	80580	39.312	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49335	3.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	57261	4.007	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2530	0.195	ug/L #	1
16) Methylene chloride	3.039	84	2684	0.174	ug/L	89
18) trans-1,2-Dichloroethene	3.348	96	1364	0.101	ug/L	83
19) 1,1-Dichloroethane	3.859	63	78950	3.169	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	65702	4.412	ug/L	93
35) Methylcyclohexane	6.682	83	13615	0.623	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6030	0.411	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.843	180	3028	0.162	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	3028	0.211	ug/L	94
71) Naphthalene	14.094	128	8257	0.403	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	3471	0.261	ug/L	98

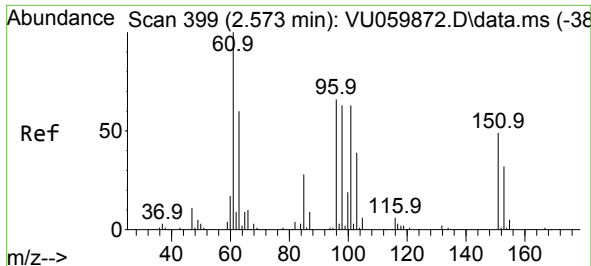
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.195 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

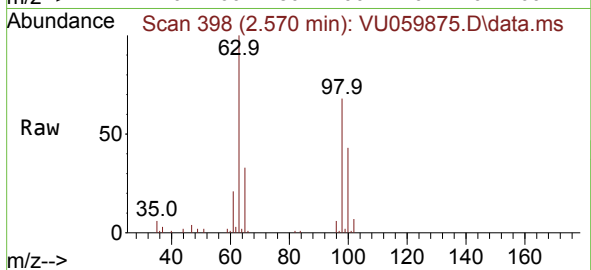
Lab File: VU059875.D

Acq: 08 Jul 2024 11:58

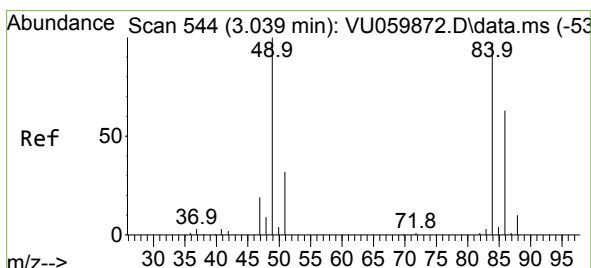
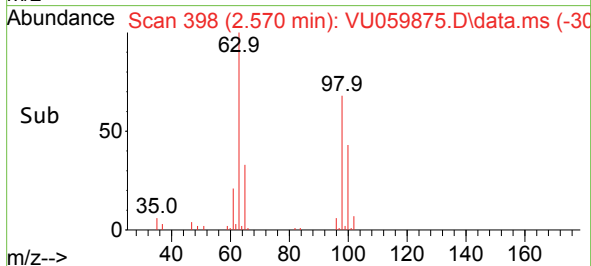
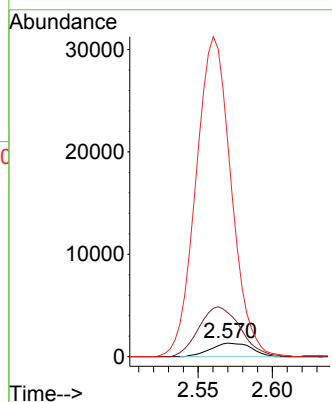
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2530
Ion	Ratio	Lower	Upper
96	100		
61	323.7	122.9	228.3#
63	1578.9	80.4	149.4#



#16

Methylene chloride

Concen: 0.174 ug/L

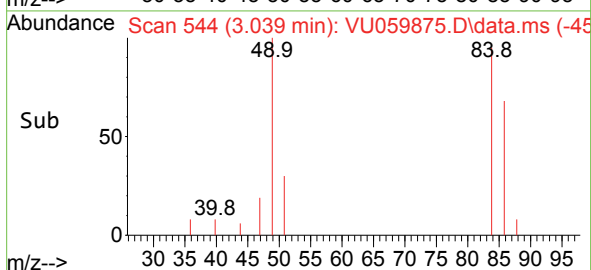
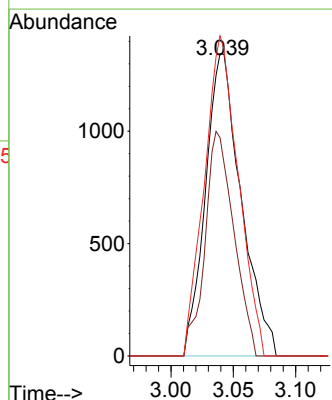
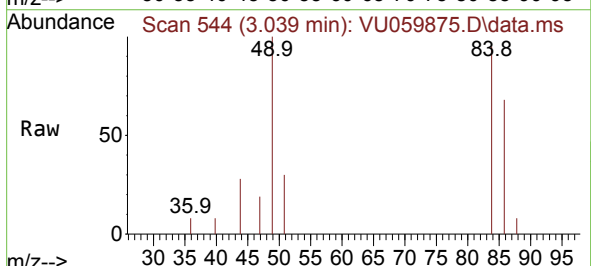
RT: 3.039 min Scan# 544

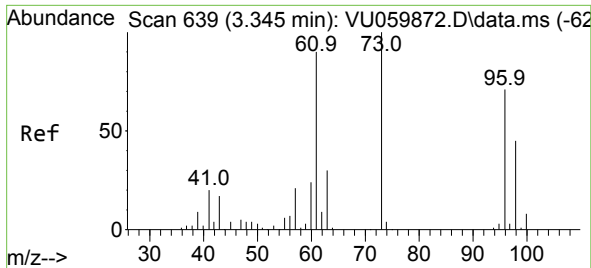
Delta R.T. 0.000 min

Lab File: VU059875.D

Acq: 08 Jul 2024 11:58

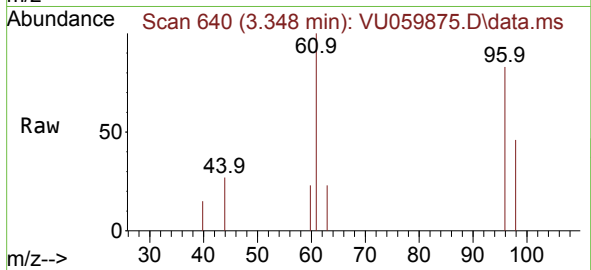
Tgt Ion:	84	Resp:	2684
Ion	Ratio	Lower	Upper
84	100		
86	72.2	42.1	78.1
49	105.8	80.6	149.8





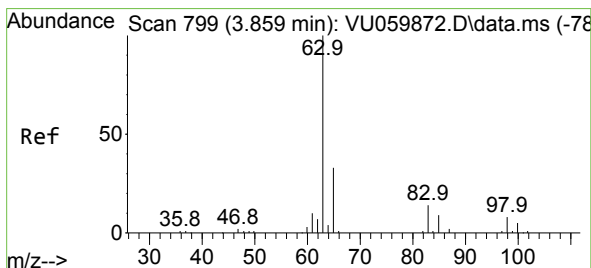
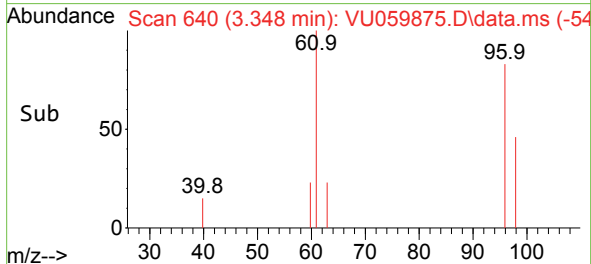
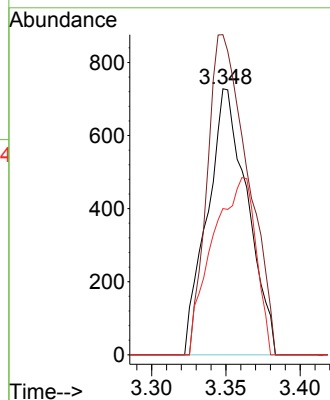
#18
trans-1,2-Dichloroethene
Concen: 0.101 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059875.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 1364

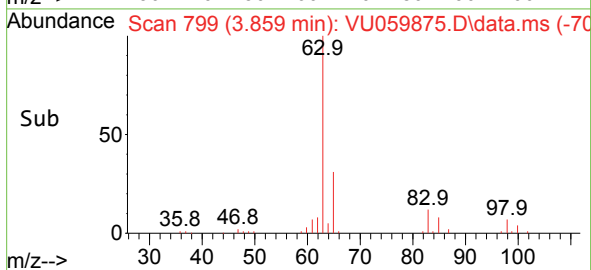
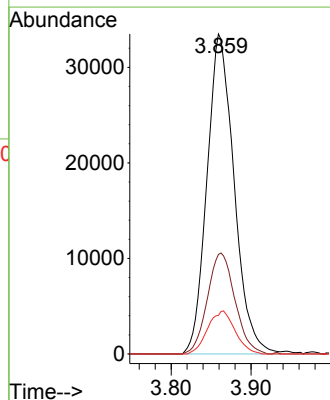
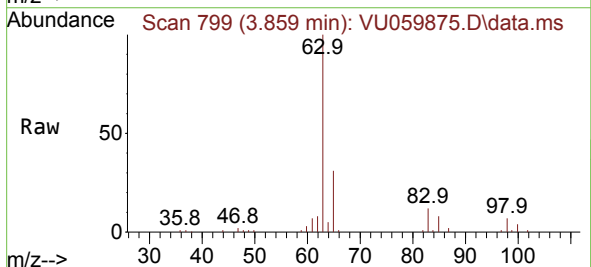
Ion	Ratio	Lower	Upper
96	100		
61	120.3	101.8	189.0
98	54.9	43.3	80.5

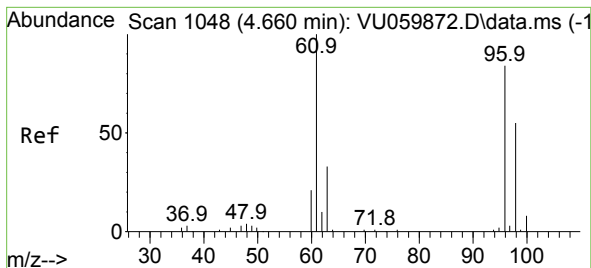


#19
1,1-Dichloroethane
Concen: 3.169 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059875.D
Acq: 08 Jul 2024 11:58

Tgt Ion: 63 Resp: 78950

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.8	40.6
83	12.0	9.9	18.5





#22

cis-1,2-Dichloroethene

Concen: 4.412 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU059875.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :

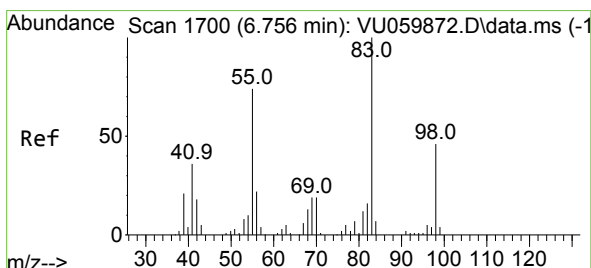
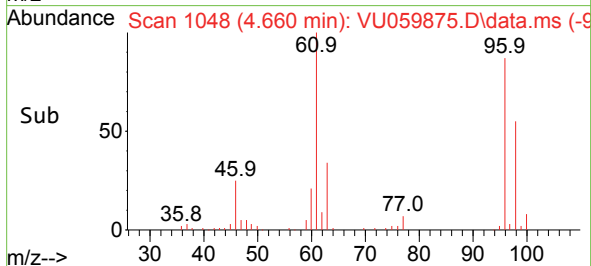
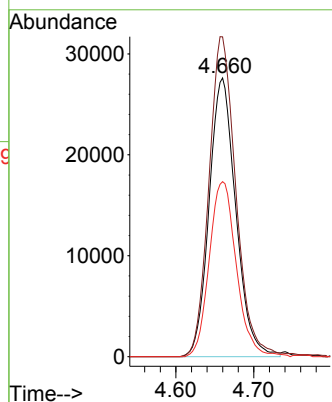
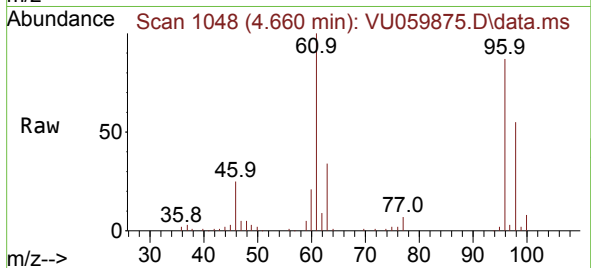
Tgt Ion: 96 Resp: 65702

Ion Ratio Lower Upper

96 100

61 114.7 87.4 162.2

98 62.8 42.3 78.5



#35

Methylcyclohexane

Concen: 0.623 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059875.D

Acq: 08 Jul 2024 11:58

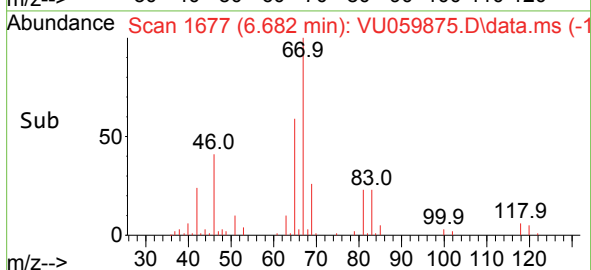
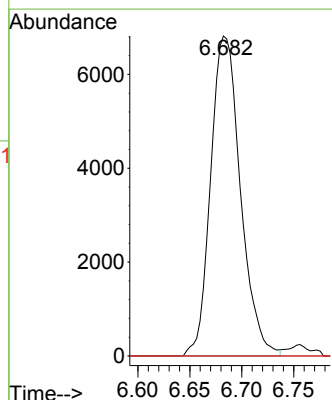
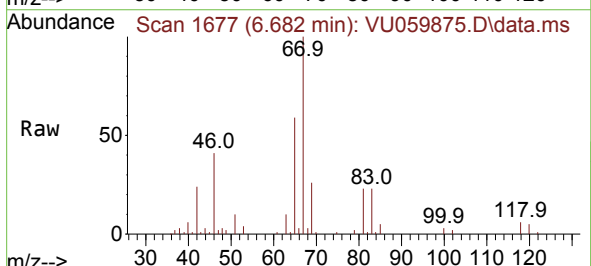
Tgt Ion: 83 Resp: 13615

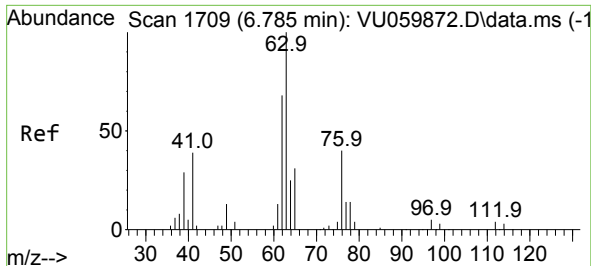
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.9 35.4 53.0#

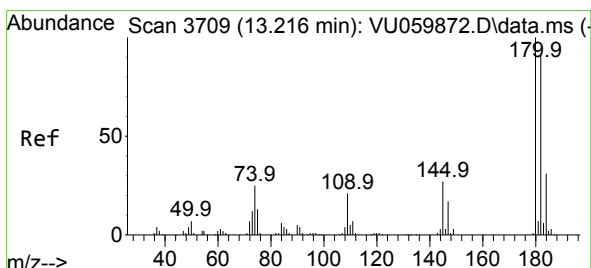
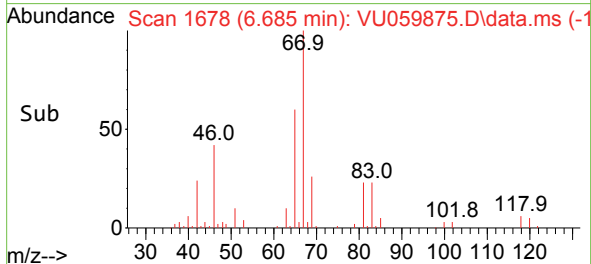
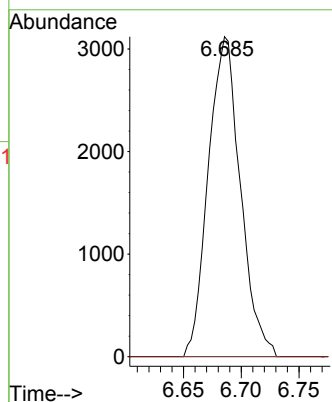
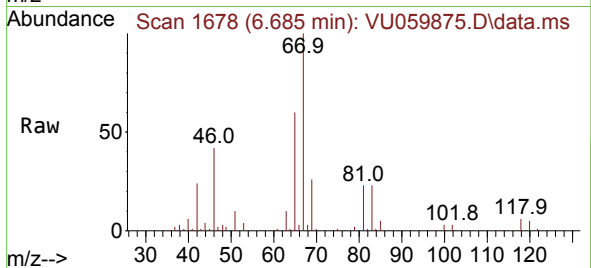




#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059875.D
Acq: 08 Jul 2024 11:58

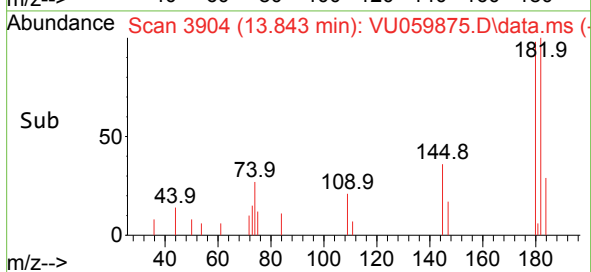
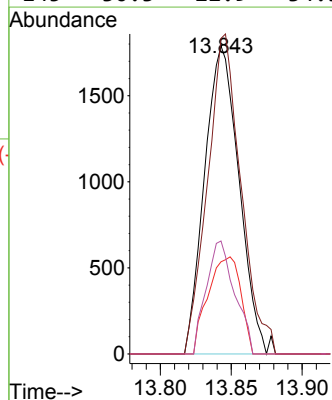
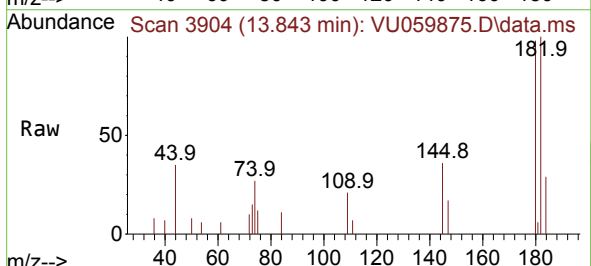
Instrument :
MSVOA_U
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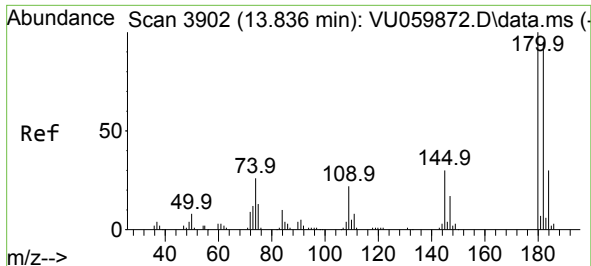
Tgt Ion: 63 Resp: 6030
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.162 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.627 min
Lab File: VU059875.D
Acq: 08 Jul 2024 11:58

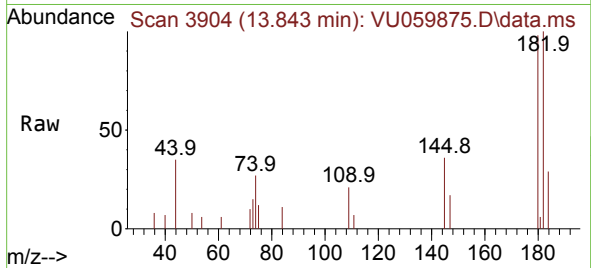
Tgt Ion:180 Resp: 3028
Ion Ratio Lower Upper
180 100
182 100.4 75.4 113.0
184 29.8 23.0 34.6
145 30.3 22.9 34.3



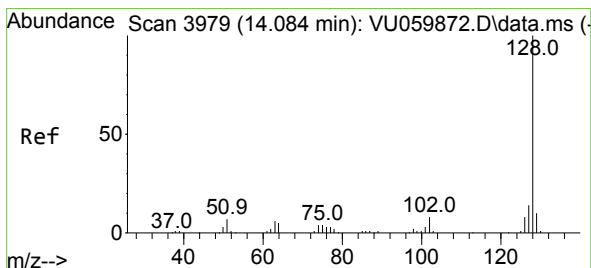
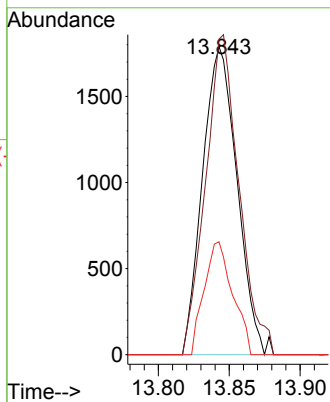
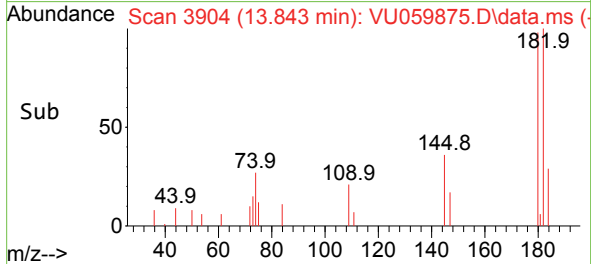


#70
1,2,4-trichlorobenzene
Concen: 0.211 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU059875.D
Acq: 08 Jul 2024 11:58

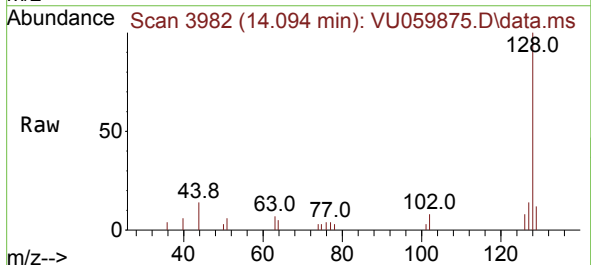
Instrument :
MSVOA_U
ClientSampleId :



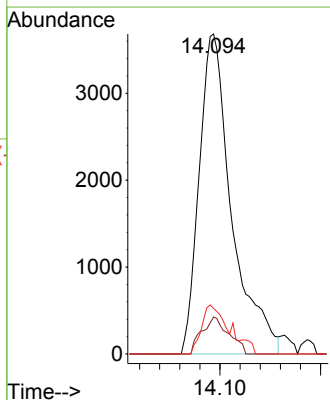
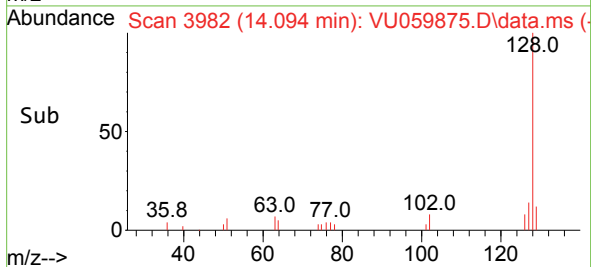
Tgt Ion:180 Resp: 3028
Ion Ratio Lower Upper
180 100
182 100.4 74.9 112.3
145 30.3 23.9 35.9

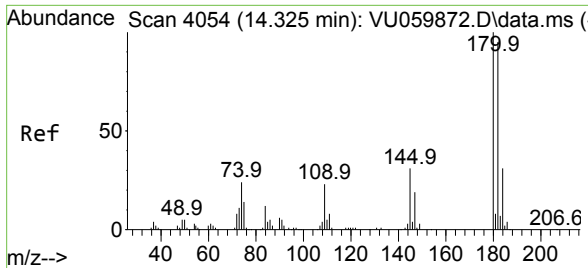


#71
Naphthalene
Concen: 0.403 ug/L
RT: 14.094 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU059875.D
Acq: 08 Jul 2024 11:58



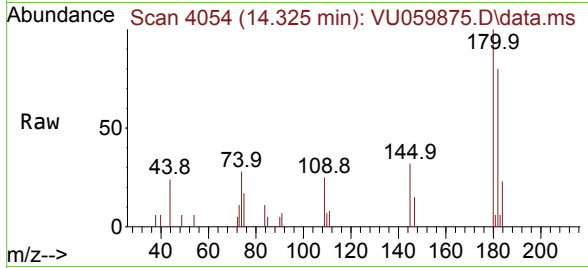
Tgt Ion:128 Resp: 8257
Ion Ratio Lower Upper
128 100
129 9.5 8.2 12.4
127 11.8 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.261 ug/L
 RT: 14.325 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU059875.D
 Acq: 08 Jul 2024 11:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3471
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.0	115.6
145	28.4	26.2	39.4

