

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059876.D
 Acq On : 08 Jul 2024 12:20
 Operator : MD/SY
 Sample : P3137-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZG6

Quant Time: Jul 09 02:35:11 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)

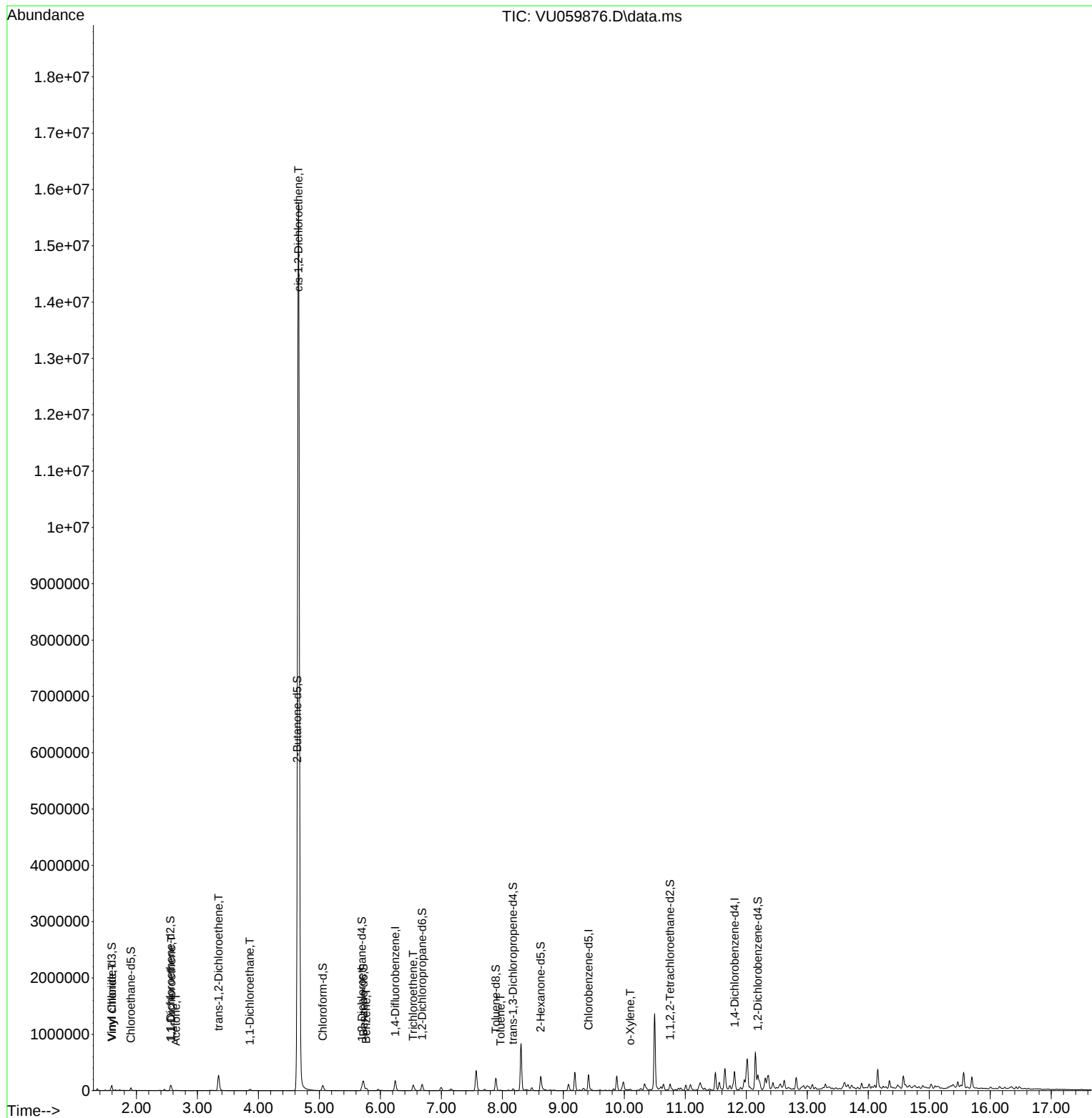
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38777	3.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.908	69	37654	3.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.557	65	15713	3.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.634	46	99297	45.078	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.160%
24) Chloroform-d	5.055	84	86077	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.695	65	44307	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.721	84	168753	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.682	67	57306	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	156806	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.174	79	20335	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.628	63	99084	53.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52626	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	67381	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	24546	1.584	ug/L	99
12) 1,1-Dichloroethene	2.573	96	10778	0.988	ug/L #	39
13) Acetone	2.647	43	11649	8.152	ug/L	74
18) trans-1,2-Dichloroethene	3.345	96	123075	10.850	ug/L	91
19) 1,1-Dichloroethane	3.859	63	26233	1.254	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	8586748	686.759	ug/L	96
33) Benzene	5.766	78	42315	0.823	ug/L	100
34) Trichloroethene	6.538	95	34048	2.445	ug/L	96
42) Toluene	7.968	91	8160	0.150	ug/L	93
54) o-Xylene	10.097	106	4357	0.214	ug/L	96

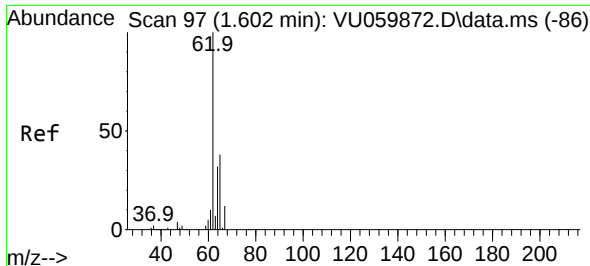
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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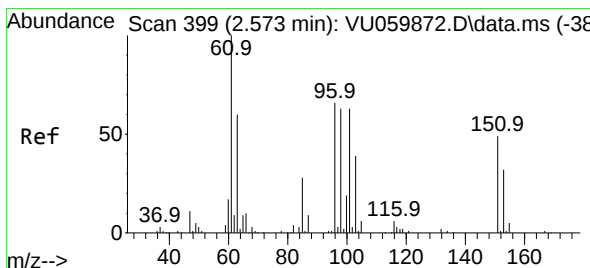
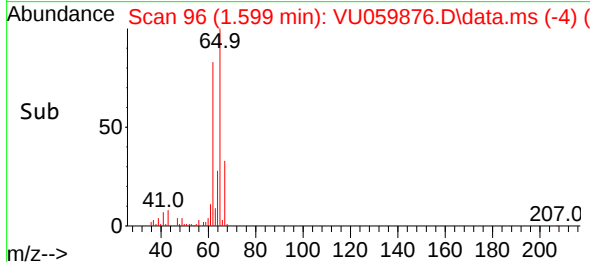
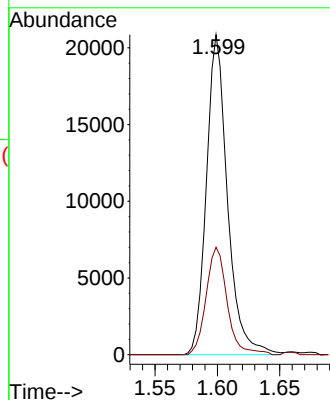
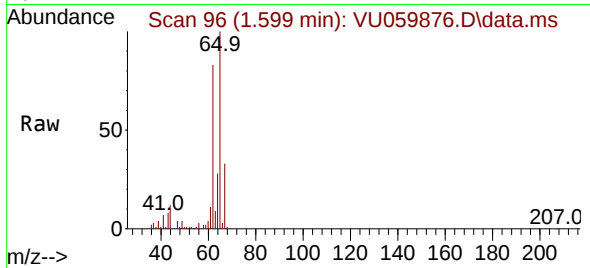




#5
Vinyl chloride
Concen: 1.584 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU059876.D
Acq: 08 Jul 2024 12:20

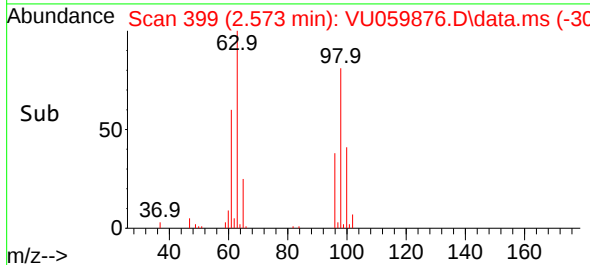
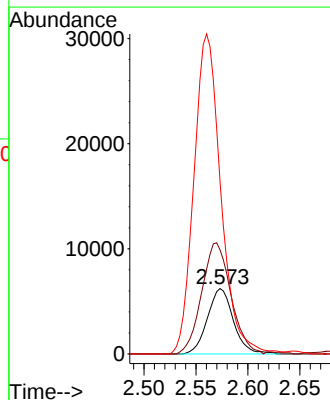
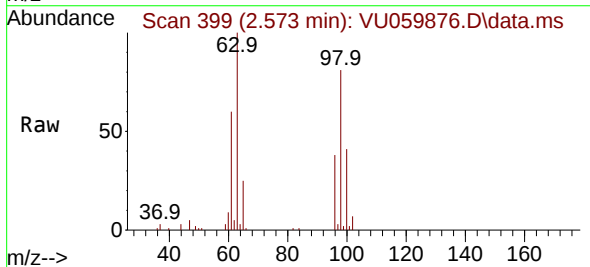
Instrument :
MSVOA_U
ClientSampleId :
YDZG6

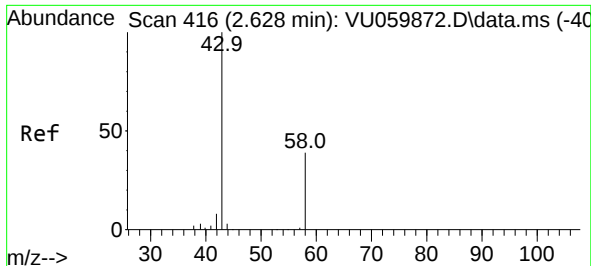
Tgt Ion: 62 Resp: 24546
Ion Ratio Lower Upper
62 100
64 33.5 23.1 42.9



#12
1,1-Dichloroethene
Concen: 0.988 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059876.D
Acq: 08 Jul 2024 12:20

Tgt Ion: 96 Resp: 10778
Ion Ratio Lower Upper
96 100
61 159.1 122.9 228.3
63 263.6 80.4 149.4#





#13

Acetone

Concen: 8.152 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

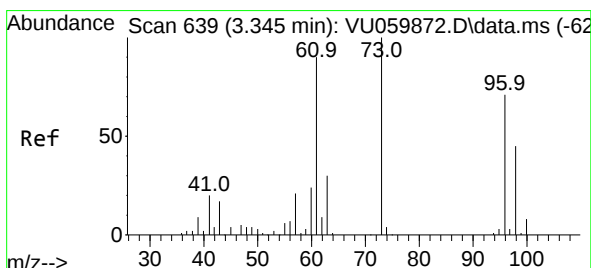
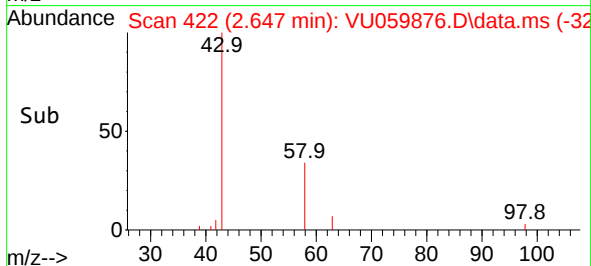
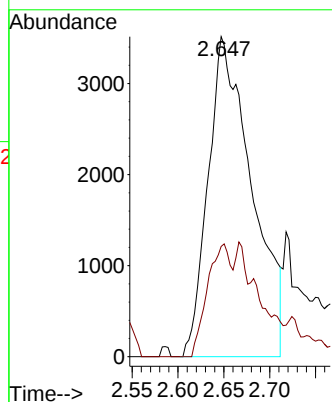
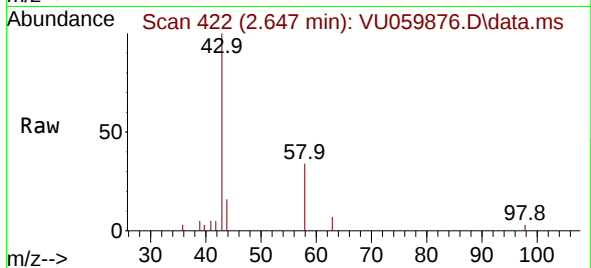
YDZG6

Tgt Ion: 43 Resp: 11649

Ion Ratio Lower Upper

43 100

58 19.3 0.0 68.0



#18

trans-1,2-Dichloroethene

Concen: 10.850 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

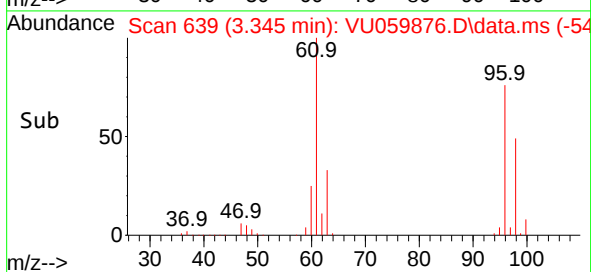
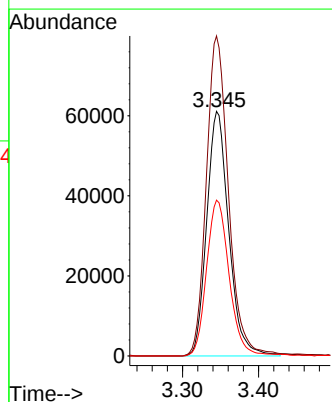
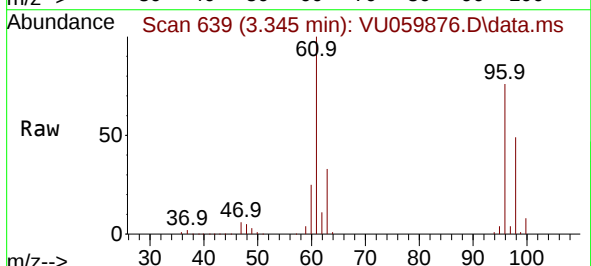
Tgt Ion: 96 Resp: 123075

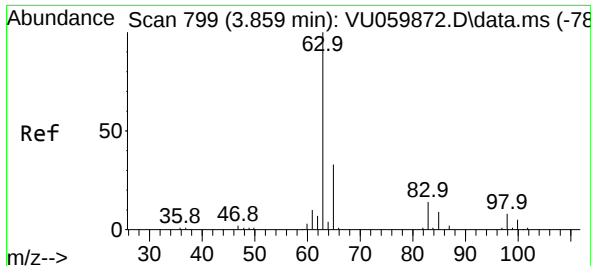
Ion Ratio Lower Upper

96 100

61 130.8 101.8 189.0

98 63.7 43.3 80.5





#19

1,1-Dichloroethane

Concen: 1.254 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

YDZG6

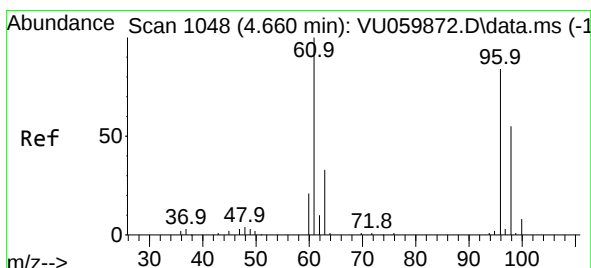
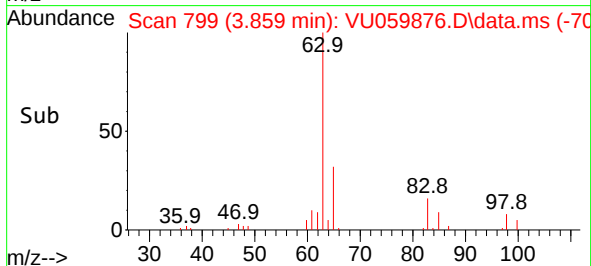
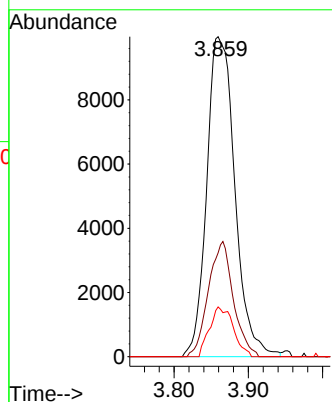
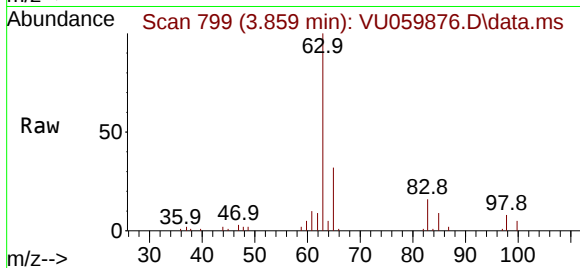
Tgt Ion: 63 Resp: 26233

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 15.6 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 686.759 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

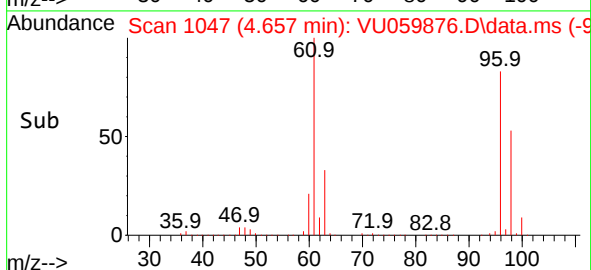
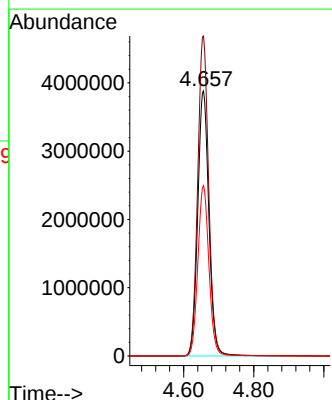
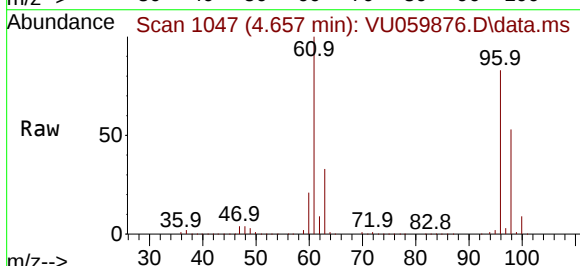
Tgt Ion: 96 Resp: 8586748

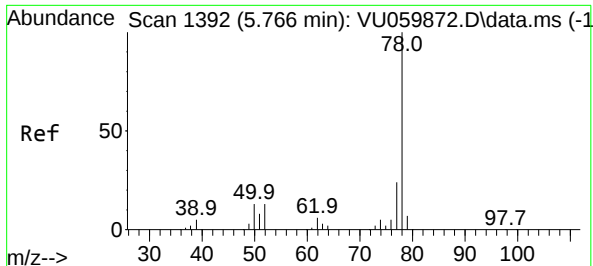
Ion Ratio Lower Upper

96 100

61 120.7 87.4 162.2

98 64.3 42.3 78.5





#33

Benzene

Concen: 0.823 ug/L

RT: 5.766 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

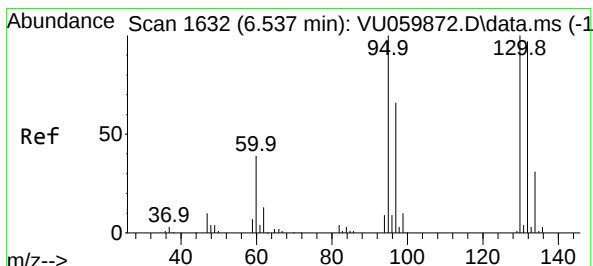
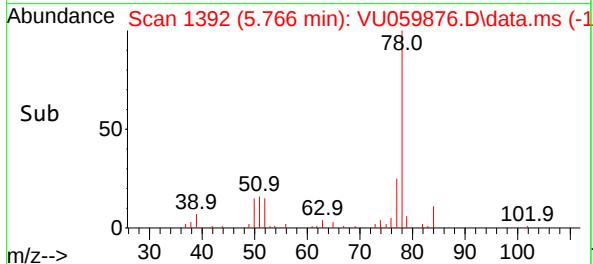
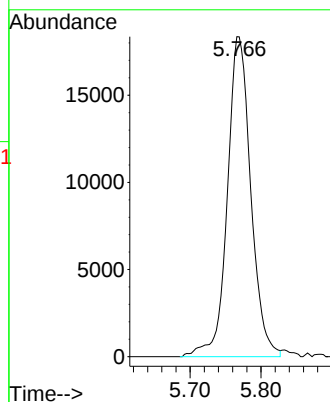
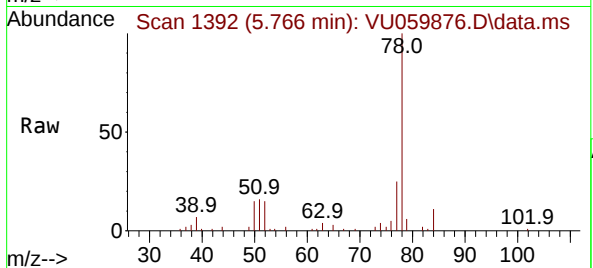
Instrument :

MSVOA_U

ClientSampleId :

YDZG6

Tgt Ion: 78 Resp: 42315



#34

Trichloroethene

Concen: 2.445 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

Tgt Ion: 95 Resp: 34048

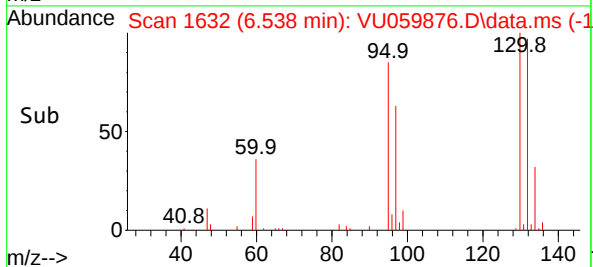
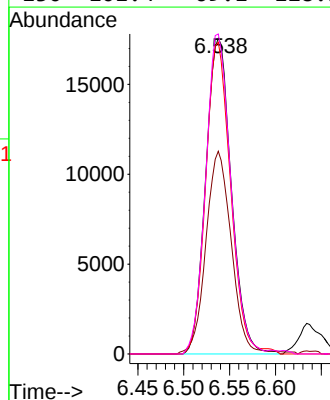
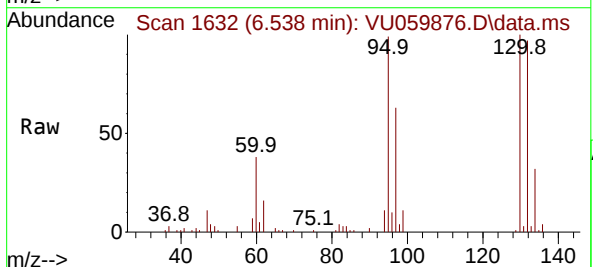
Ion Ratio Lower Upper

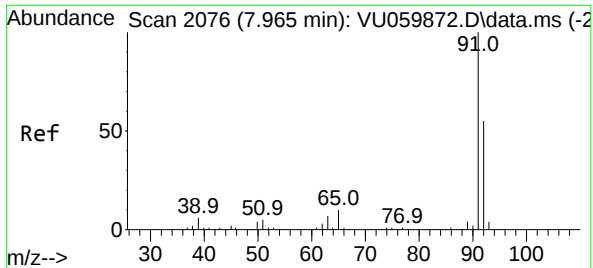
95 100

97 64.2 45.3 84.1

132 98.8 64.0 119.0

130 101.4 69.1 128.3





#42

Toluene

Concen: 0.150 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

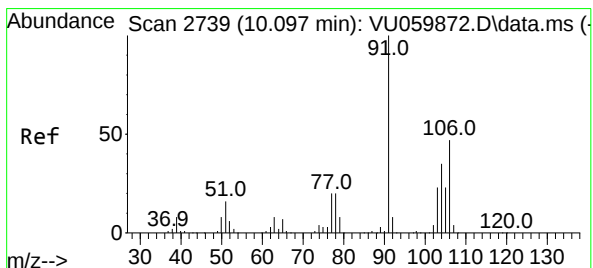
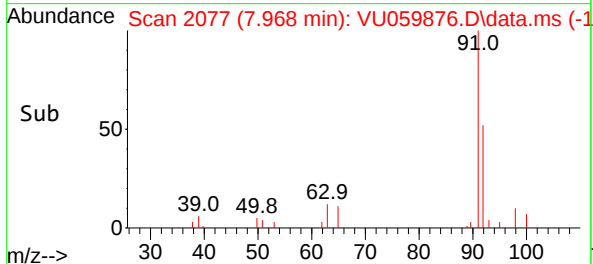
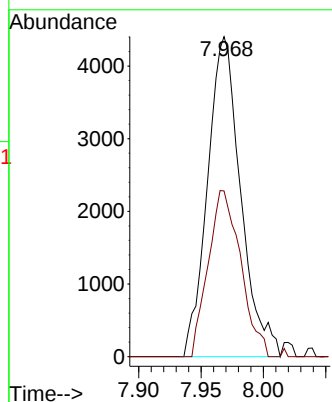
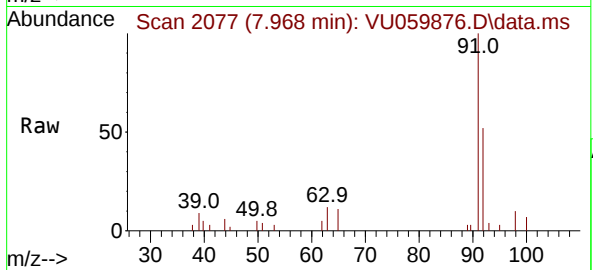
YDZG6

Tgt Ion: 91 Resp: 8160

Ion Ratio Lower Upper

91 100

92 51.8 39.7 73.7



#54

o-Xylene

Concen: 0.214 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU059876.D

Acq: 08 Jul 2024 12:20

Tgt Ion: 106 Resp: 4357

Ion Ratio Lower Upper

106 100

91 222.8 151.6 281.6

