

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059879.D
 Acq On : 08 Jul 2024 13:31
 Operator : MD/SY
 Sample : P3137-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:36:19 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)

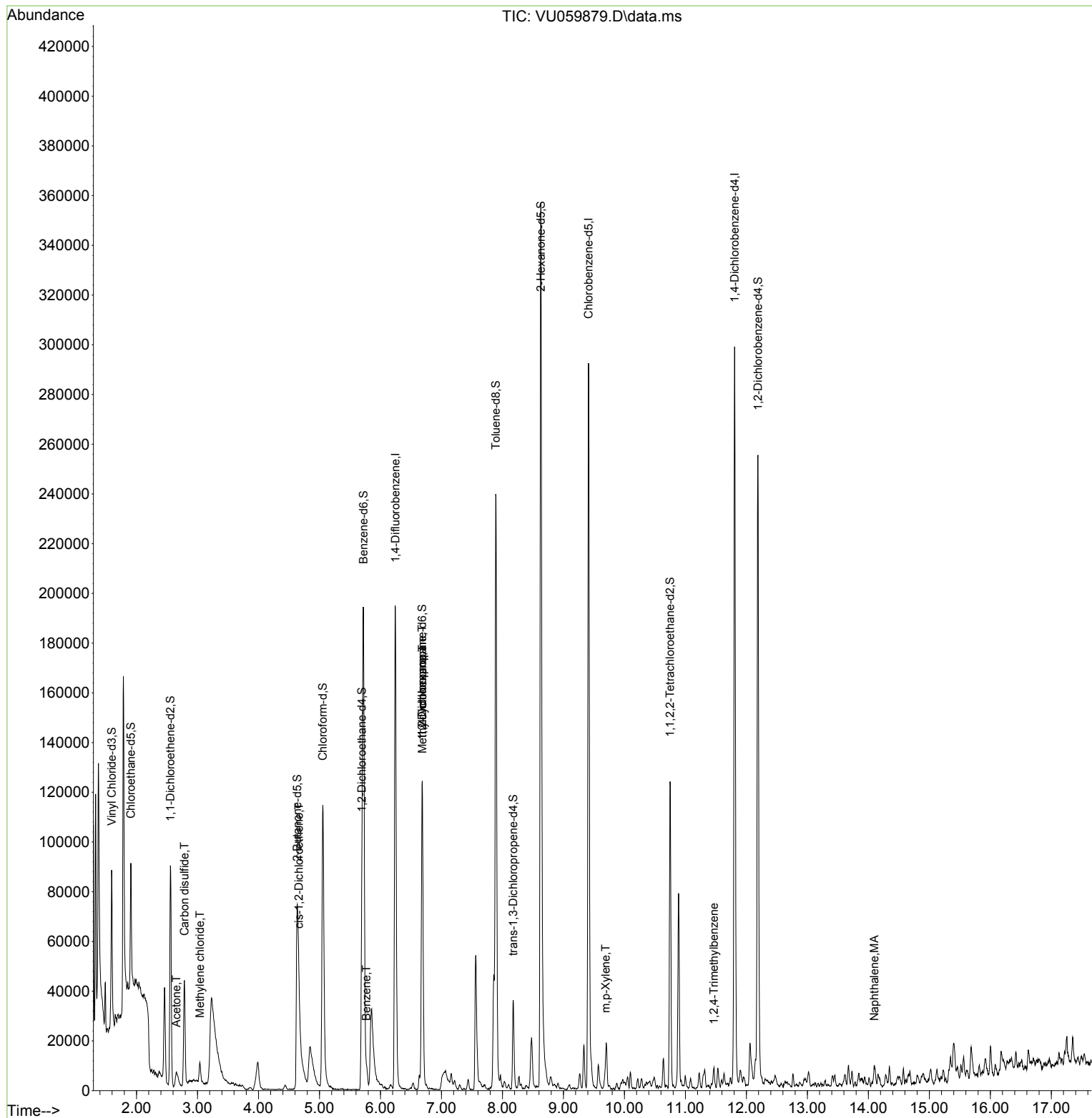
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43121	3.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.907	69	40639	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.557	65	16371	3.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.634	46	146128	60.113	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.220%
24) Chloroform-d	5.055	84	96958	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	52530	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.721	84	188442	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.685	67	64300	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	169238	3.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.177	79	22383	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.630	63	134445	71.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.040%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	63607	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	72594	4.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds					Qvalue	
13) Acetone	2.653	43	12331	7.820	ug/L	90
14) Carbon disulfide	2.785	76	60034	1.495	ug/L	98
16) Methylene chloride	3.039	84	3928	0.275	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	4698	0.340	ug/L	92
33) Benzene	5.772	78	7207	0.138	ug/L	100
35) Methylcyclohexane	6.688	83	15266	0.756	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6708	0.495	ug/L #	91
53) m,p-Xylene	9.692	106	2245	0.103	ug/L	85
63) 1,2,4-Trimethylbenzene	11.466	105	5030	0.124	ug/L	95
71) Naphthalene	14.097	128	4670	0.210	ug/L #	94

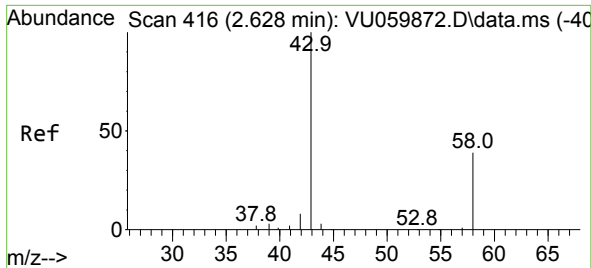
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.820 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU059879.D

Acq: 08 Jul 2024 13:31

Instrument :

MSVOA_U

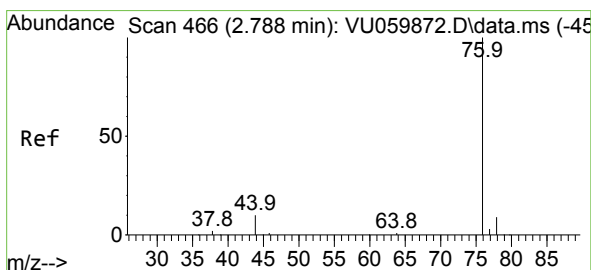
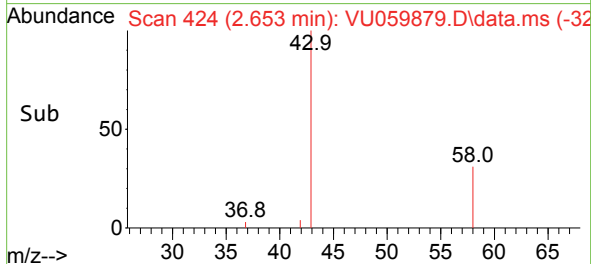
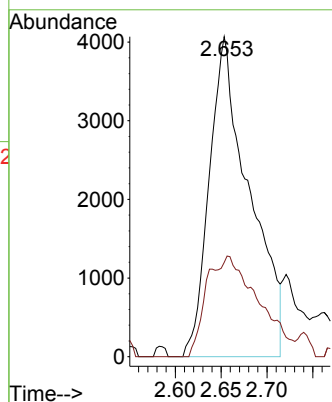
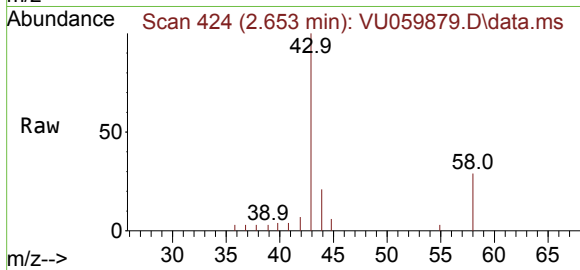
ClientSampleId :

Tgt Ion: 43 Resp: 12331

Ion Ratio Lower Upper

43 100

58 28.0 0.0 68.0



#14

Carbon disulfide

Concen: 1.495 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059879.D

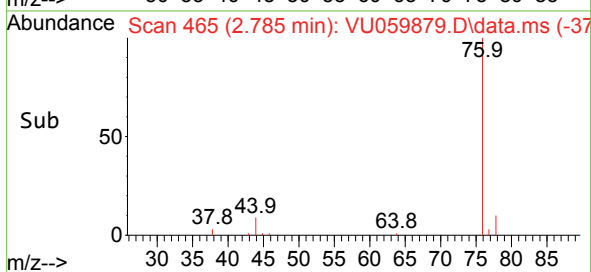
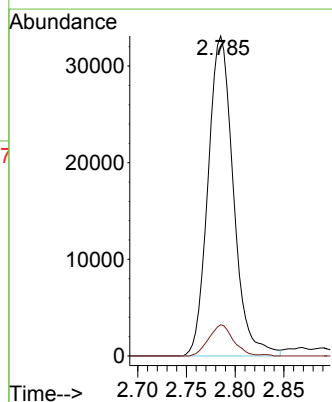
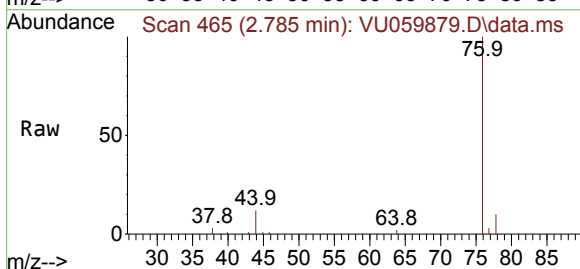
Acq: 08 Jul 2024 13:31

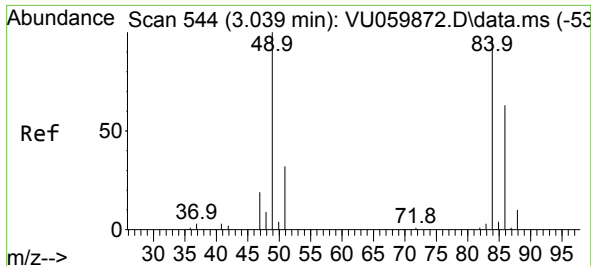
Tgt Ion: 76 Resp: 60034

Ion Ratio Lower Upper

76 100

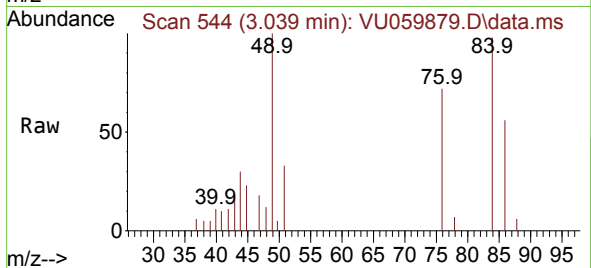
78 9.7 7.3 10.9



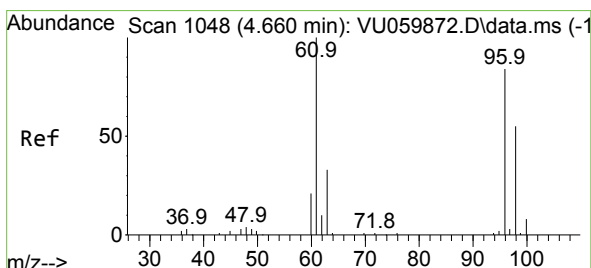
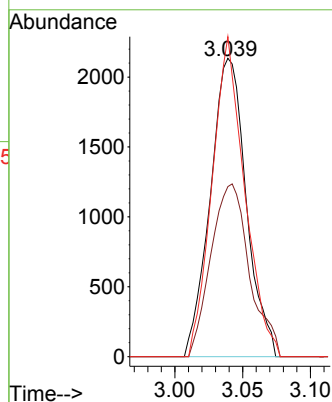
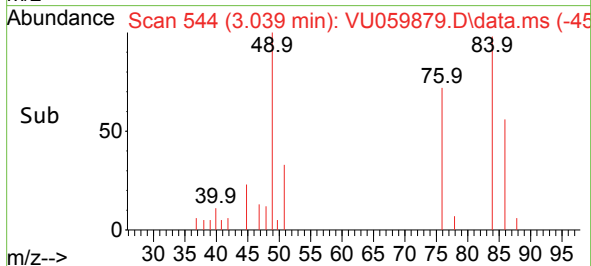


#16
Methylene chloride
Concen: 0.275 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059879.D
Acq: 08 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

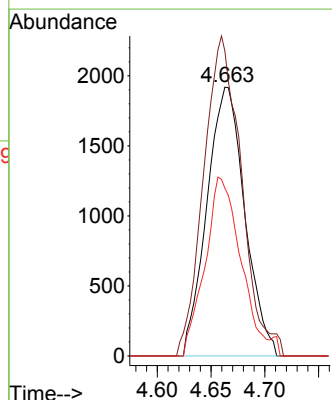
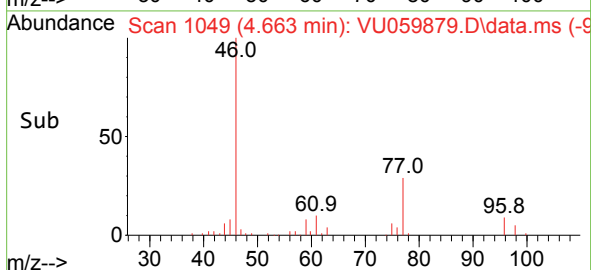
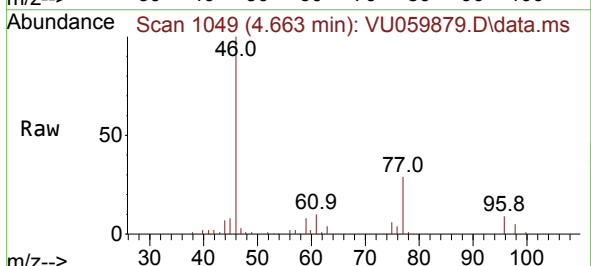


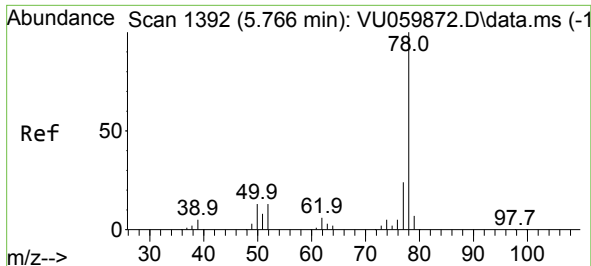
Tgt Ion: 84 Resp: 3928
Ion Ratio Lower Upper
84 100
86 57.0 42.1 78.1
49 107.3 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 0.340 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU059879.D
Acq: 08 Jul 2024 13:31

Tgt Ion: 96 Resp: 4698
Ion Ratio Lower Upper
96 100
61 113.5 87.4 162.2
98 62.4 42.3 78.5

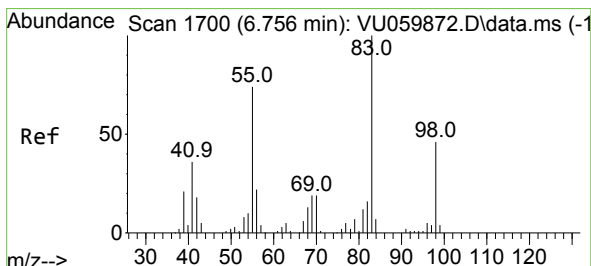
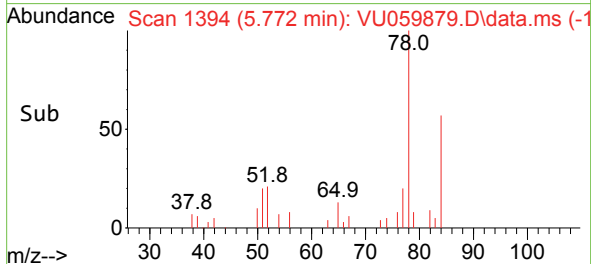
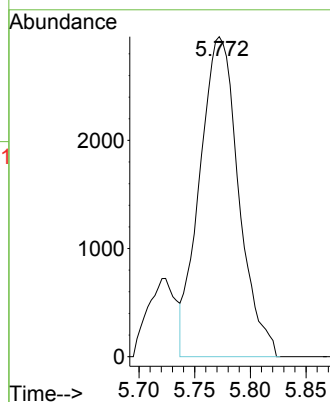
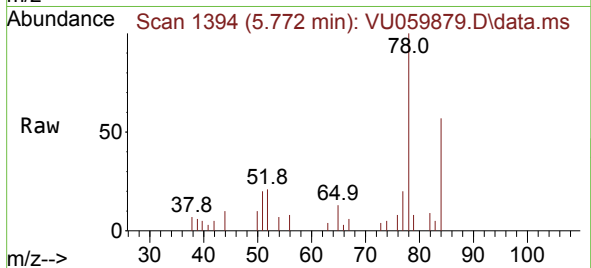




#33
Benzene
Concen: 0.138 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU059879.D
Acq: 08 Jul 2024 13:31

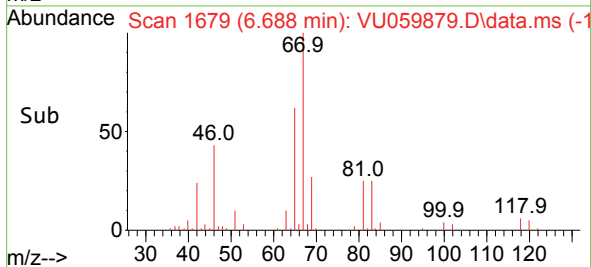
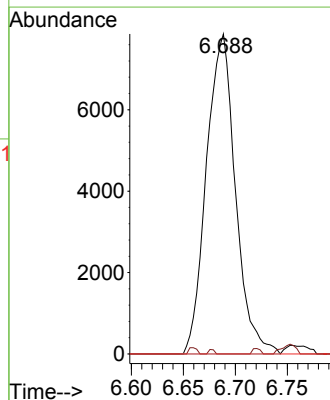
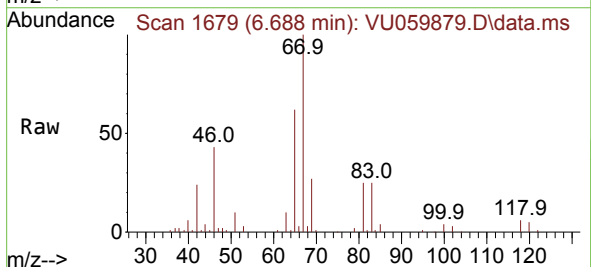
Instrument :
MSVOA_U
ClientSampleId :

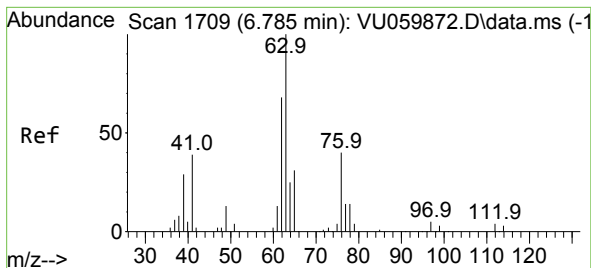
Tgt Ion: 78 Resp: 7207



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.068 min
Lab File: VU059879.D
Acq: 08 Jul 2024 13:31

Tgt Ion: 83 Resp: 15266
Ion Ratio Lower Upper
83 100
55 0.3 62.7 94.1#
98 0.0 35.4 53.0#





#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU059879.D

Acq: 08 Jul 2024 13:31

Instrument :

MSVOA_U

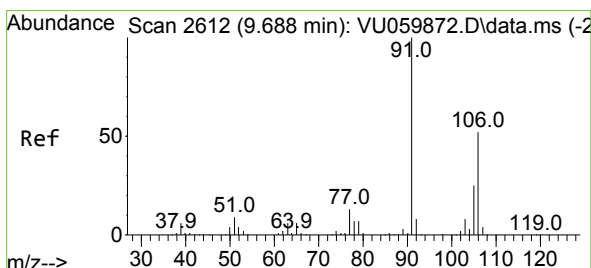
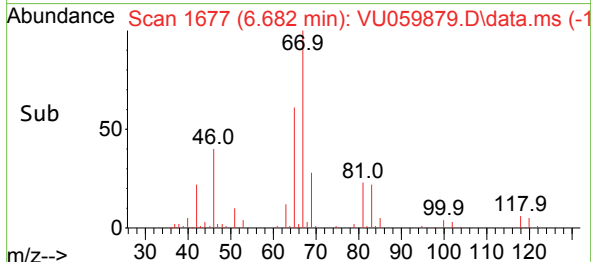
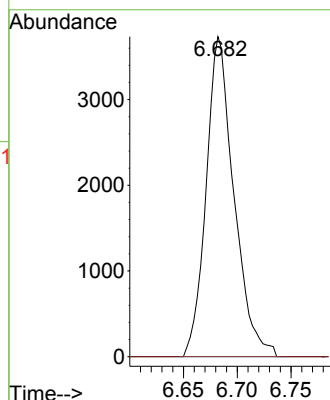
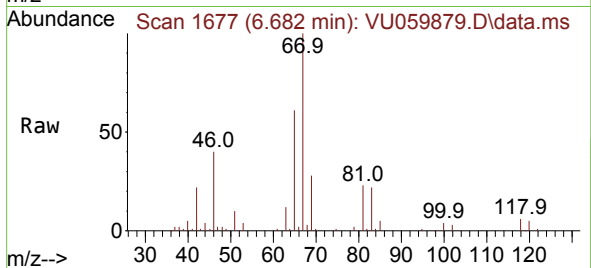
ClientSampleId :

Tgt Ion: 63 Resp: 6708

Ion Ratio Lower Upper

63 100

112 0.3 2.6 3.8#



#53

m,p-Xylene

Concen: 0.103 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059879.D

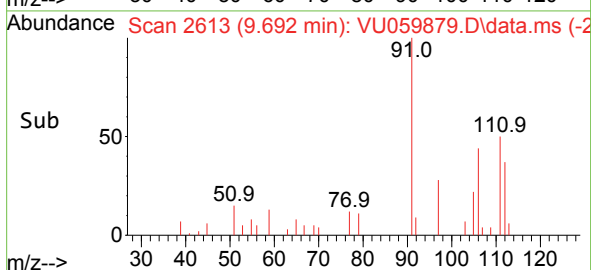
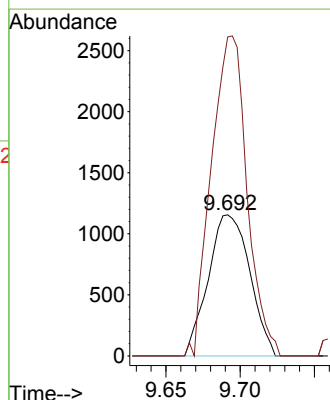
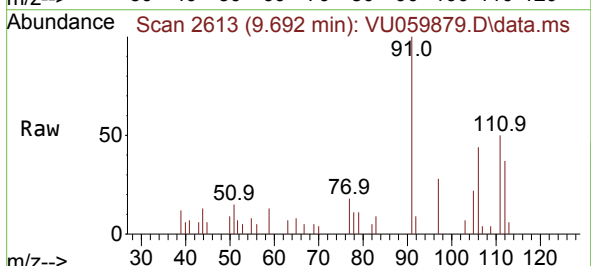
Acq: 08 Jul 2024 13:31

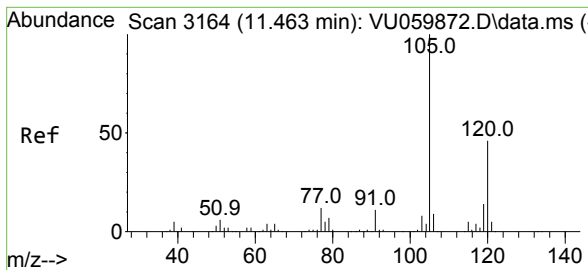
Tgt Ion: 106 Resp: 2245

Ion Ratio Lower Upper

106 100

91 226.1 142.0 263.8

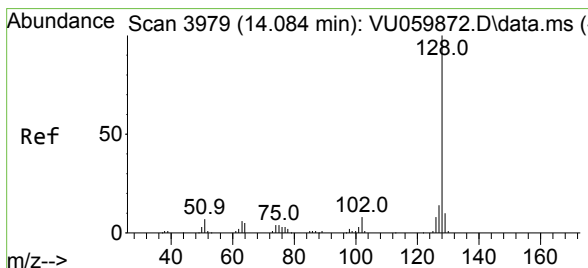
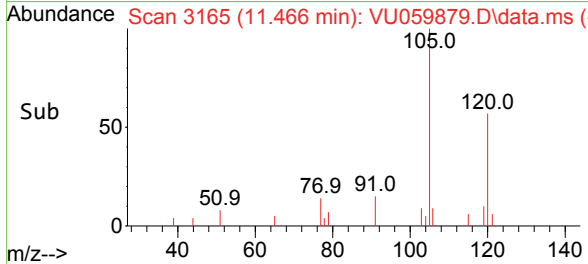
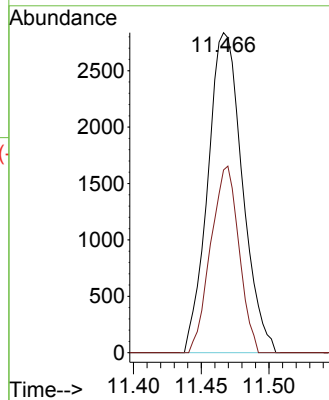
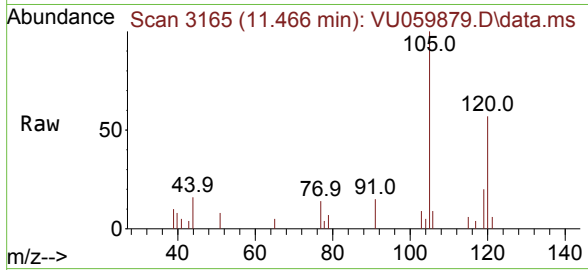




#63
1,2,4-Trimethylbenzene
Concen: 0.124 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059879.D
Acq: 08 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 5030
Ion Ratio Lower Upper
105 100
120 47.6 35.4 53.0



#71
Naphthalene
Concen: 0.210 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU059879.D
Acq: 08 Jul 2024 13:31

Tgt Ion:128 Resp: 4670
Ion Ratio Lower Upper
128 100
129 12.3 8.2 12.4
127 15.5 10.2 15.4#

