

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056863.D
 Acq On : 15 Dec 2023 02:38
 Operator : MD/SY
 Sample : 05770-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y82

Quant Time: Dec 15 05:12:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

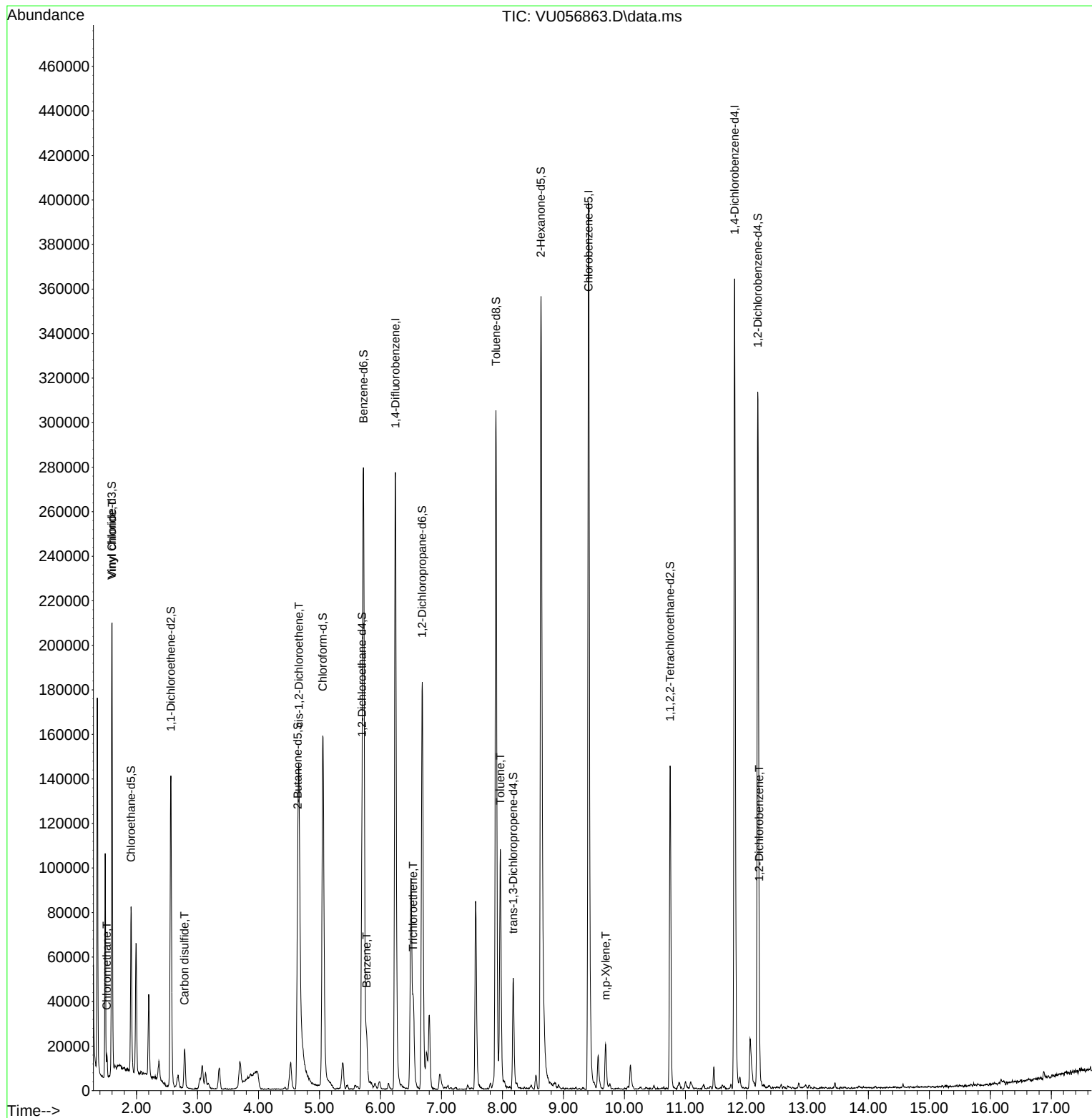
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	230483	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	236268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54897	2.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.600%
7) Chloroethane-d5	1.911	69	56127	3.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.563	65	26586	3.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.644	46	178384	45.721	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.440%
24) Chloroform-d	5.055	84	151308	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.698	65	75418	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.721	84	264517	3.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.685	67	93524	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	212147	3.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	29293	3.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.631	63	133098	39.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73036	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	82459	4.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
3) Chloromethane	1.515	50	6553	0.276	ug/L	91
5) Vinyl chloride	1.599	62	16065	0.681	ug/L #	75
14) Carbon disulfide	2.788	76	22793	0.351	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	49799	2.413	ug/L	95
33) Benzene	5.772	78	19031	0.229	ug/L	100
34) Trichloroethene	6.537	95	14446	0.634	ug/L	94
42) Toluene	7.965	91	81833	0.952	ug/L	98
53) m,p-Xylene	9.692	106	5852	0.166	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	5100	0.152	ug/L	96

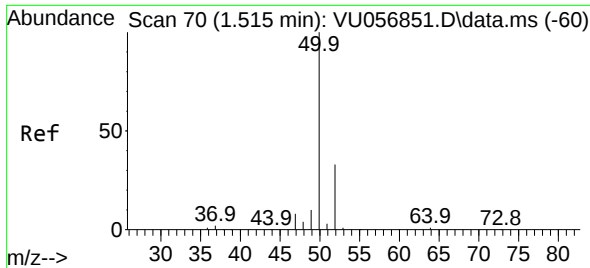
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.276 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056863.D
Acq: 15 Dec 2023 02:38

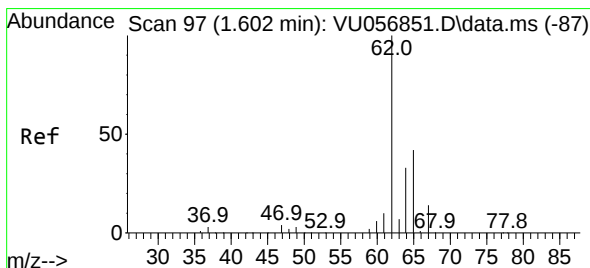
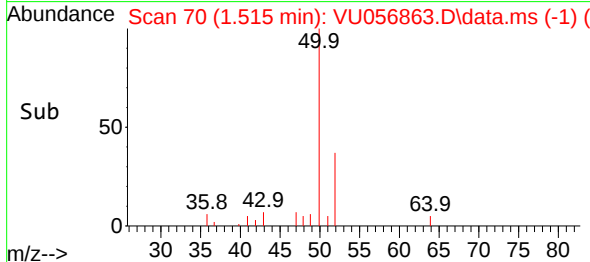
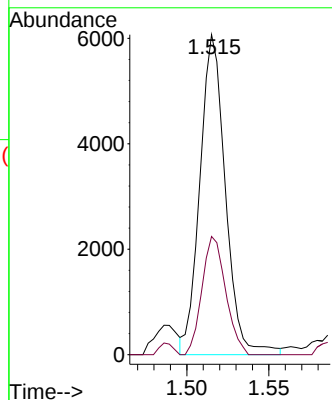
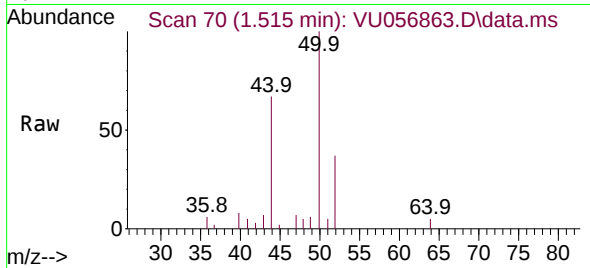
Instrument :

MSVOA_U

ClientSampleId :

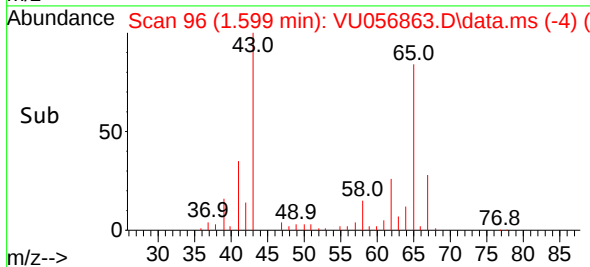
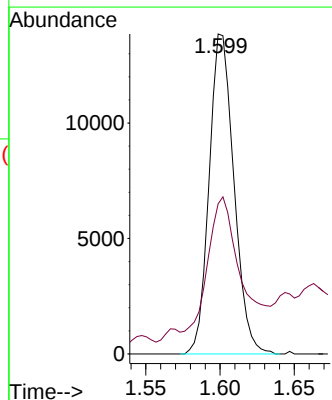
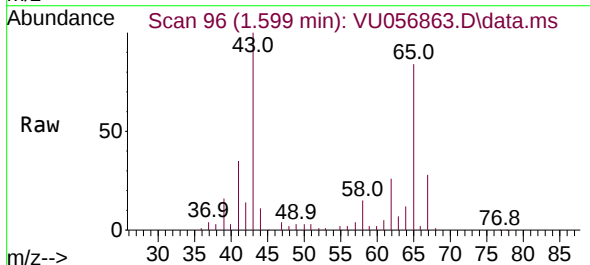
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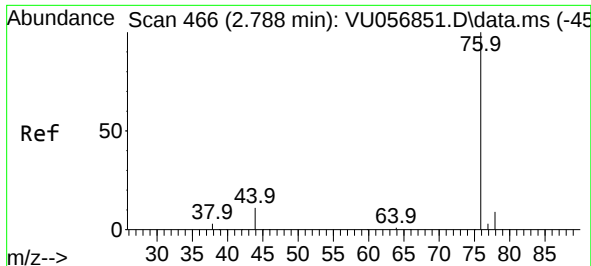
Tgt Ion: 50 Resp: 6553
Ion Ratio Lower Upper
50 100
52 36.9 22.5 41.7



#5
Vinyl chloride
Concen: 0.681 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU056863.D
Acq: 15 Dec 2023 02:38

Tgt Ion: 62 Resp: 16065
Ion Ratio Lower Upper
62 100
64 46.9 22.8 42.4#

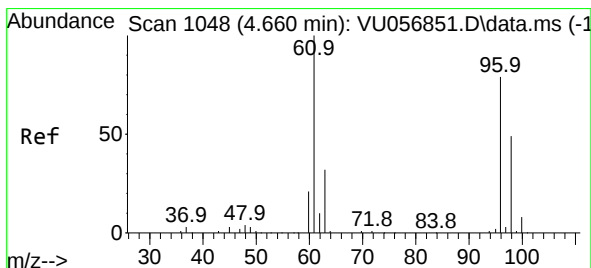
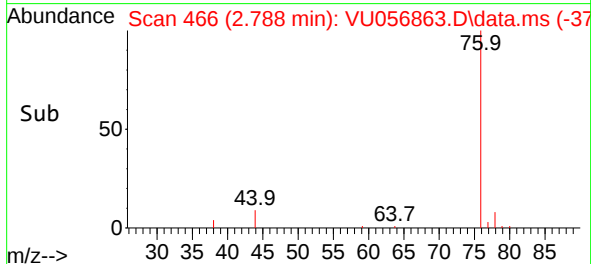
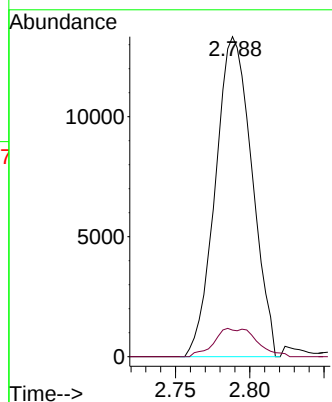
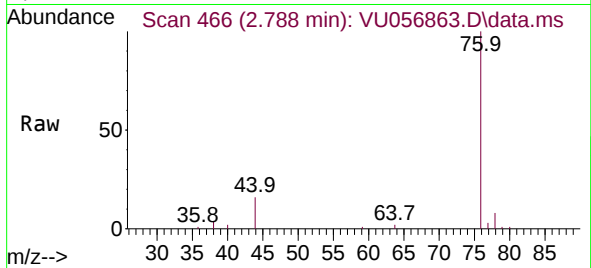




#14
Carbon disulfide
Concen: 0.351 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU056863.D
Acq: 15 Dec 2023 02:38

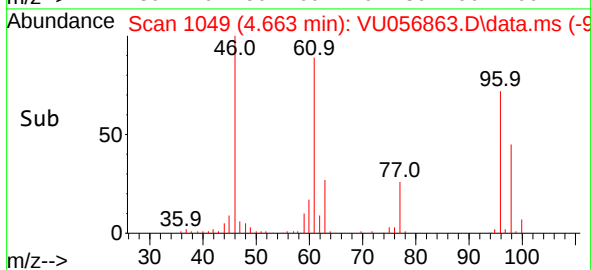
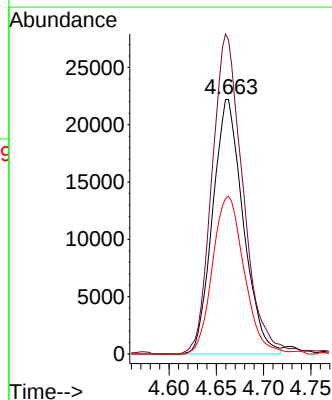
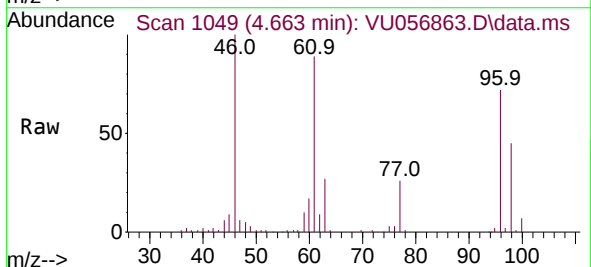
Instrument :
MSVOA_U
ClientSampleId :
E0Y82

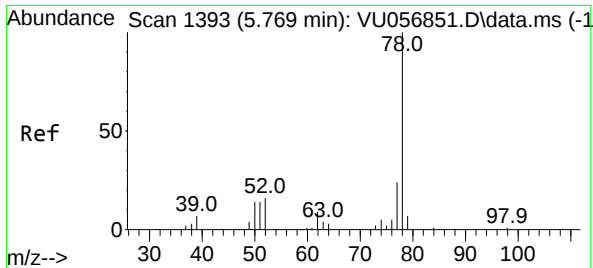
Tgt Ion: 76 Resp: 22793
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#22
cis-1,2-Dichloroethene
Concen: 2.413 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056863.D
Acq: 15 Dec 2023 02:38

Tgt Ion: 96 Resp: 49799
Ion Ratio Lower Upper
96 100
61 123.4 91.3 169.6
98 62.0 44.2 82.0





#33

Benzene

Concen: 0.229 ug/L

RT: 5.772 min Scan# 1394

Delta R.T. 0.003 min

Lab File: VU056863.D

Acq: 15 Dec 2023 02:38

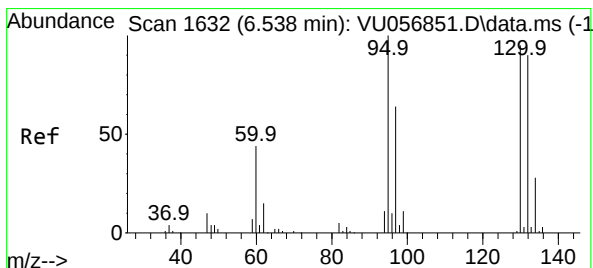
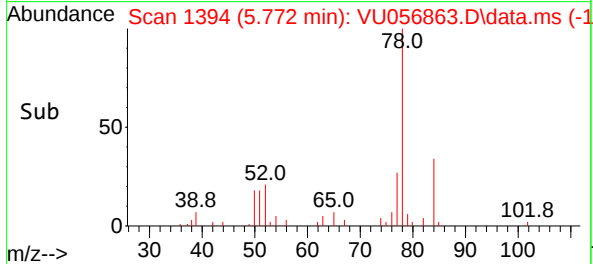
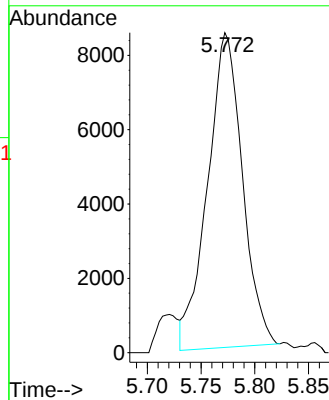
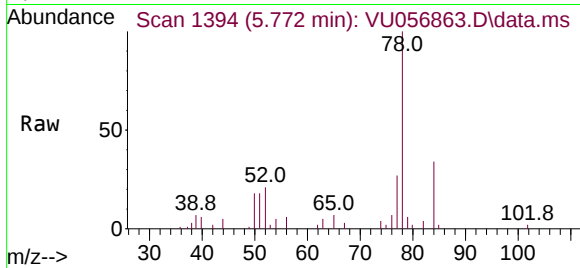
Instrument :

MSVOA_U

ClientSampleId :

E0Y82

Tgt Ion: 78 Resp: 19031



#34

Trichloroethene

Concen: 0.634 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056863.D

Acq: 15 Dec 2023 02:38

Tgt Ion: 95 Resp: 14446

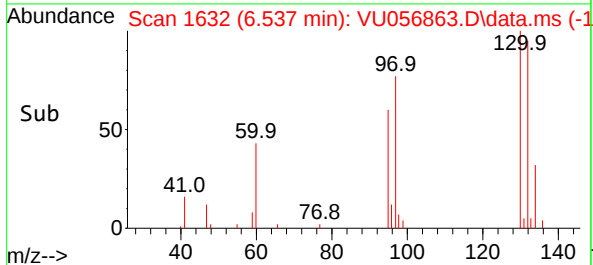
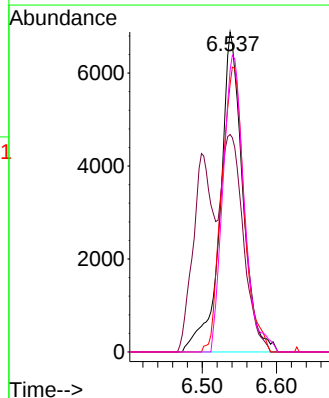
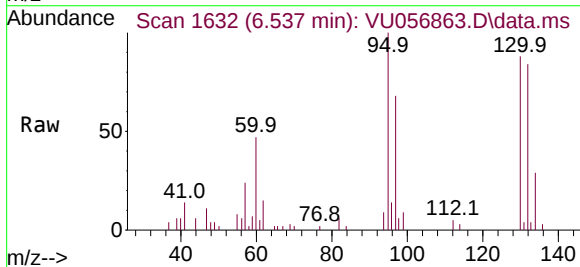
Ion Ratio Lower Upper

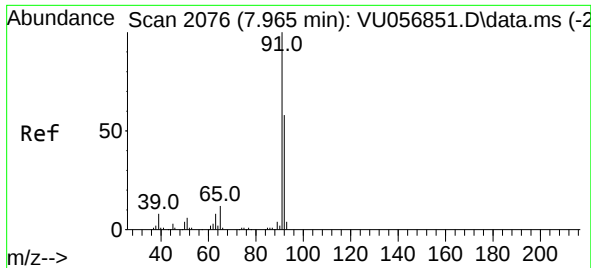
95 100

97 67.9 46.1 85.5

132 83.7 63.6 118.0

130 88.1 66.4 123.4





#42

Toluene

Concen: 0.952 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056863.D

Acq: 15 Dec 2023 02:38

Instrument :

MSVOA_U

ClientSampleId :

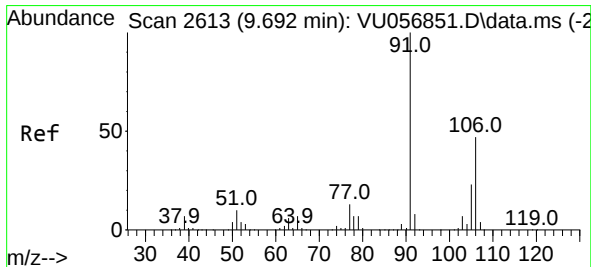
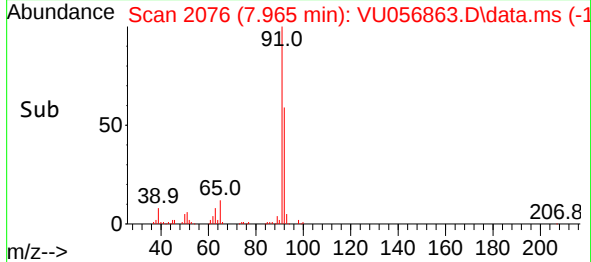
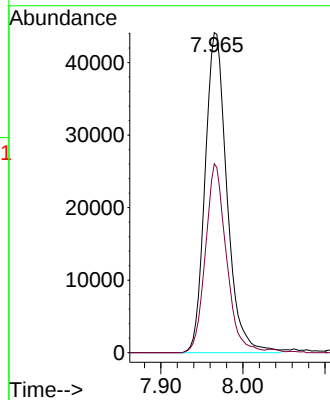
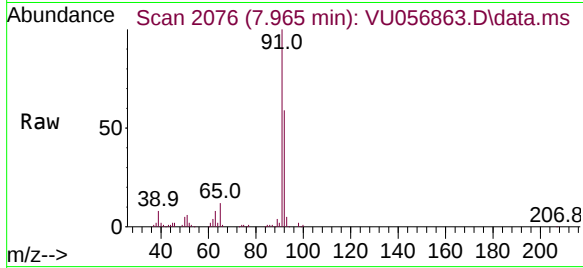
E0Y82

Tgt Ion: 91 Resp: 81833

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#53

m,p-Xylene

Concen: 0.166 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU056863.D

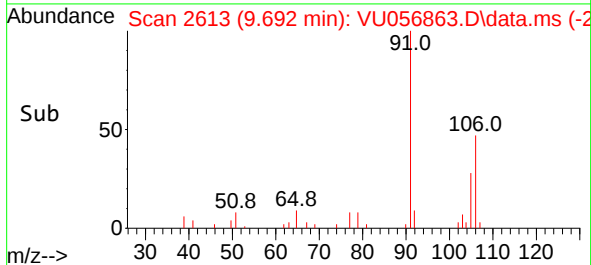
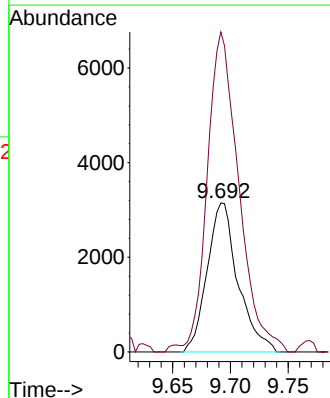
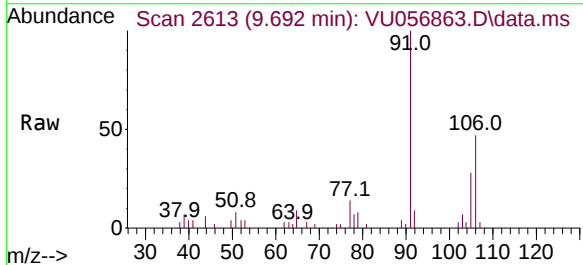
Acq: 15 Dec 2023 02:38

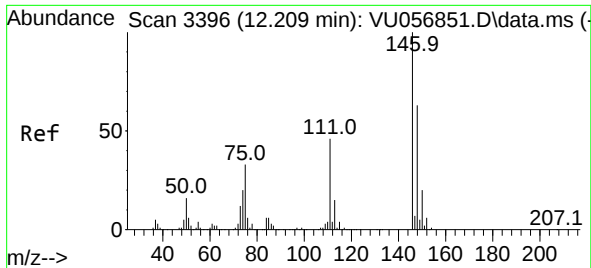
Tgt Ion: 106 Resp: 5852

Ion Ratio Lower Upper

106 100

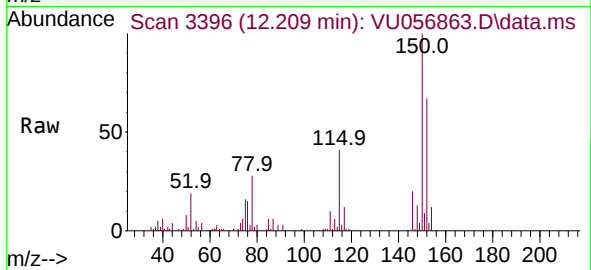
91 214.8 154.0 286.0





#67
 1,2-Dichlorobenzene
 Concen: 0.152 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056863.D
 Acq: 15 Dec 2023 02:38

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 MSVOA_U
 ClientSampleId :
 E0Y82



Tgt Ion:	146	Resp:	5100
Ion	Ratio	Lower	Upper
146	100		
111	51.5	36.9	55.3
148	65.8	53.0	79.4

