

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057479.D
 Acq On : 12 Jan 2024 13:52
 Operator : MD/SY
 Sample : P1062-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:37:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

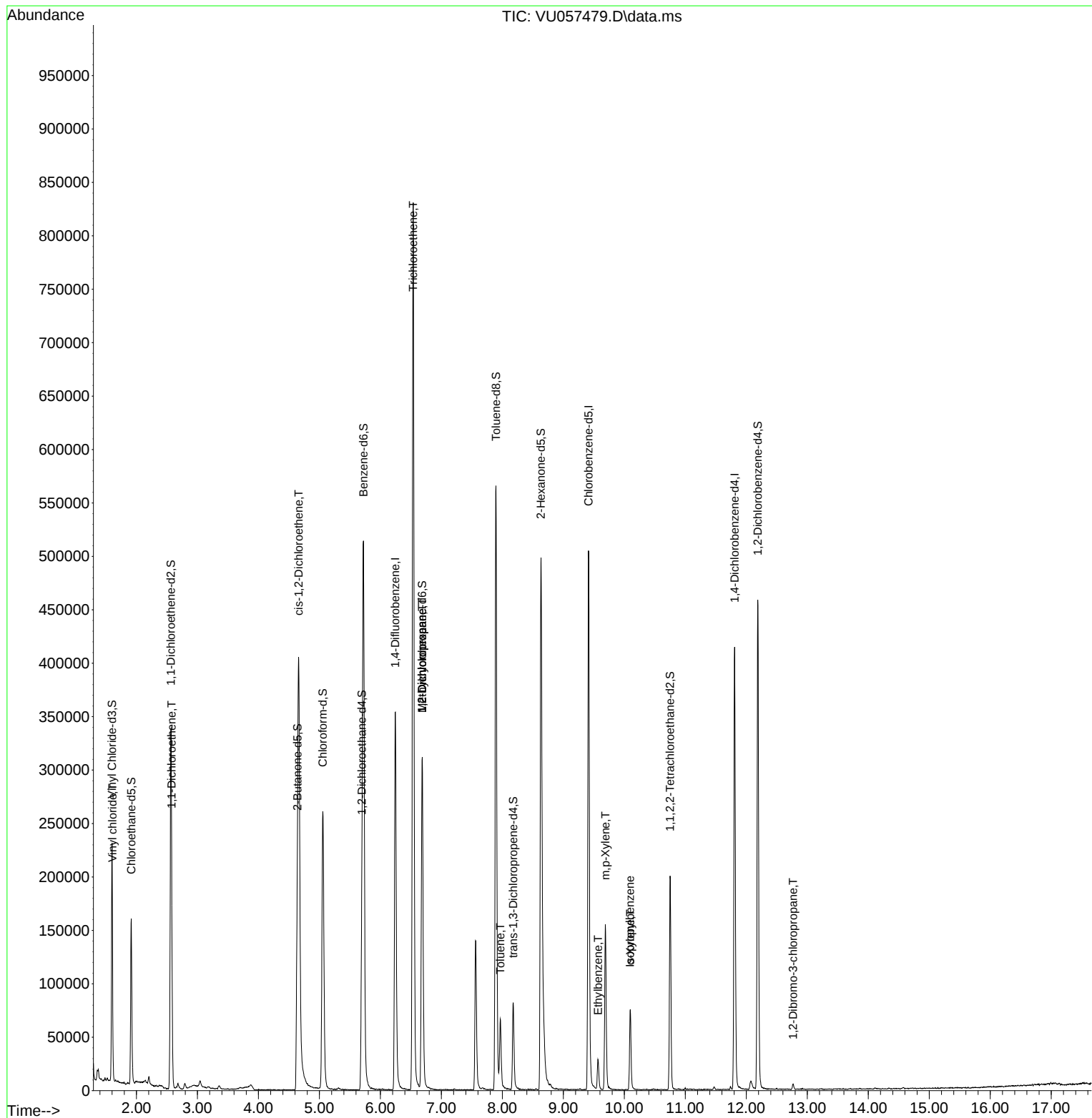
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	277261	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	283280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	141745	5.039	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.914	69	116932	5.342	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.800%		
11) 1,1-Dichloroethene-d2	2.563	65	60563	5.091	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.800%		
20) 2-Butanone-d5	4.637	46	271032	50.937	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.880%		
24) Chloroform-d	5.055	84	249757	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
26) 1,2-Dichloroethane-d4	5.695	65	120719	5.157	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
32) Benzene-d6	5.721	84	489423	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.800%		
36) 1,2-Dichloropropane-d6	6.685	67	156173	4.848	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 97.000%		
41) Toluene-d8	7.894	98	387422	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.800%		
43) trans-1,3-Dichloroprop...	8.177	79	50346	4.496	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.000%		
46) 2-Hexanone-d5	8.631	63	171082	42.191	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 84.380%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101582	4.668	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	117499	5.442	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	25334	1.211	ug/L	93
12) 1,1-Dichloroethene	2.576	96	22178	1.369	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	171481	9.161	ug/L	97
34) Trichloroethene	6.538	95	302441	13.833	ug/L	98
35) Methylcyclohexane	6.685	83	35887	1.235	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	16611	0.704	ug/L #	91
42) Toluene	7.965	91	48357	0.589	ug/L	94
52) Ethylbenzene	9.566	91	20619	0.244	ug/L	94
53) m,p-Xylene	9.689	106	42342	1.393	ug/L	94
54) o-Xylene	10.097	106	20443	0.701	ug/L	85
60) Isopropylbenzene	10.094	105	9172	0.147	ug/L #	18
68) 1,2-Dibromo-3-chloropr...	12.766	75	192	0.099	ug/L #	10

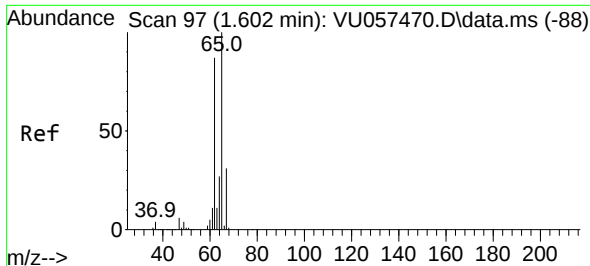
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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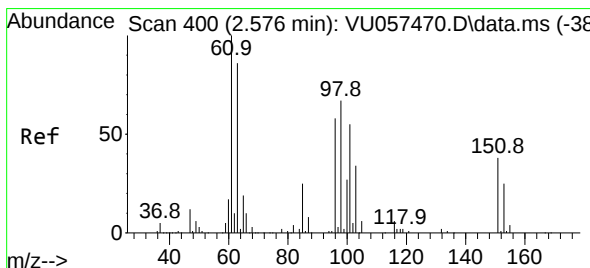
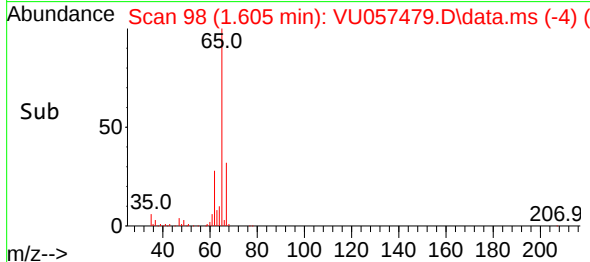
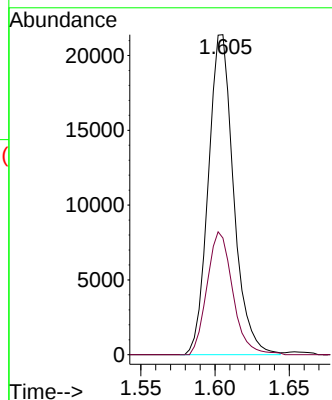
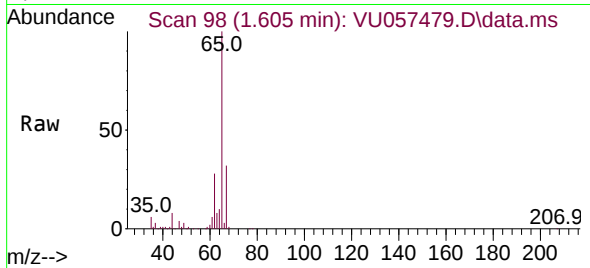




#5
 Vinyl chloride
 Concen: 1.211 ug/L
 RT: 1.605 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU057479.D
 Acq: 12 Jan 2024 13:52

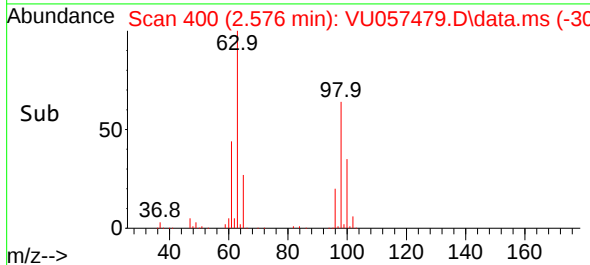
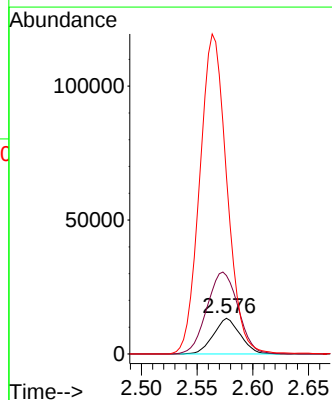
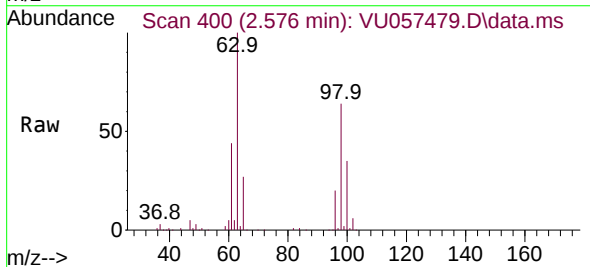
Instrument :
 MSVOA_U
 ClientSampleId :

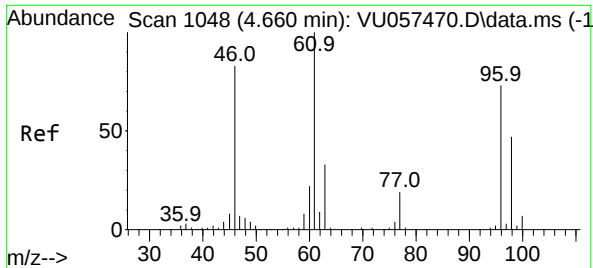
Tgt Ion: 62 Resp: 25334
 Ion Ratio Lower Upper
 62 100
 64 36.5 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 1.369 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057479.D
 Acq: 12 Jan 2024 13:52

Tgt Ion: 96 Resp: 22178
 Ion Ratio Lower Upper
 96 100
 61 219.9 130.9 243.1
 63 498.2 114.8 213.2#

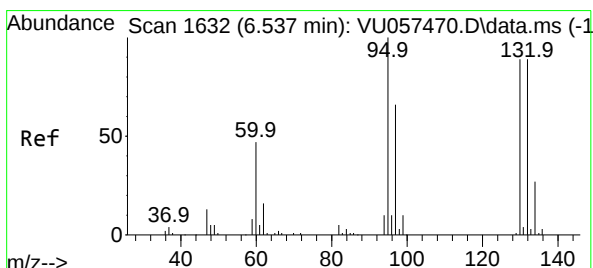
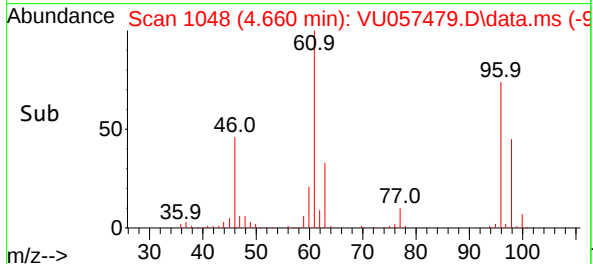
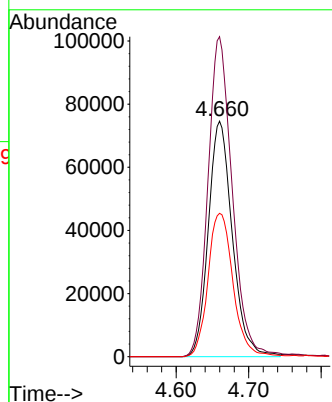
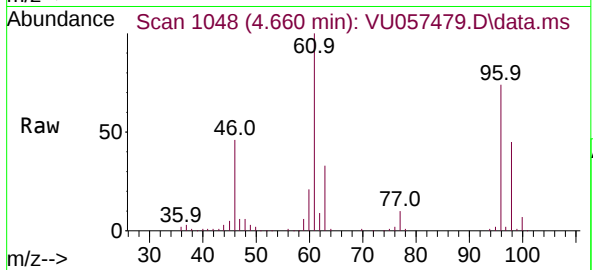




#22
cis-1,2-Dichloroethene
Concen: 9.161 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057479.D
Acq: 12 Jan 2024 13:52

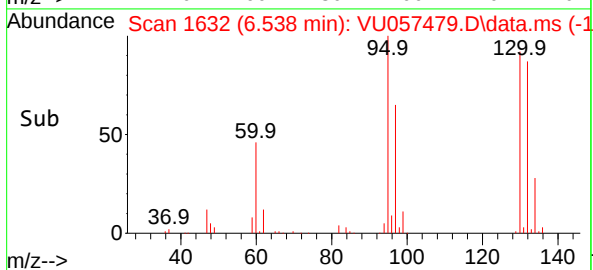
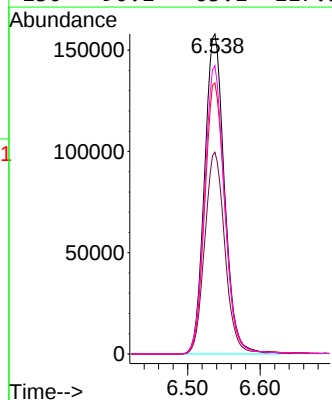
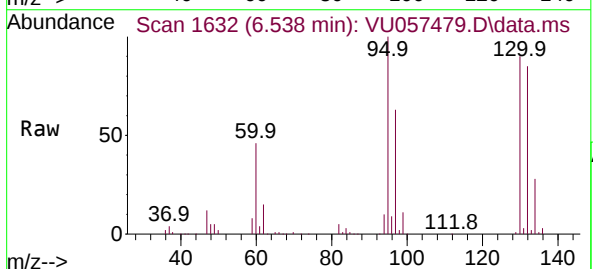
Instrument :
MSVOA_U
ClientSampleId :

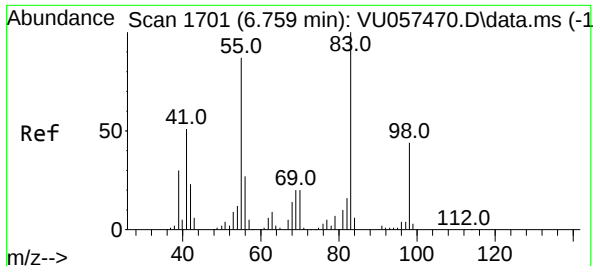
Tgt Ion: 96 Resp: 171481
Ion Ratio Lower Upper
96 100
61 135.8 93.4 173.4
98 60.9 44.9 83.3



#34
Trichloroethene
Concen: 13.833 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057479.D
Acq: 12 Jan 2024 13:52

Tgt Ion: 95 Resp: 302441
Ion Ratio Lower Upper
95 100
97 63.0 45.0 83.6
132 84.7 61.7 114.5
130 90.1 63.1 117.3

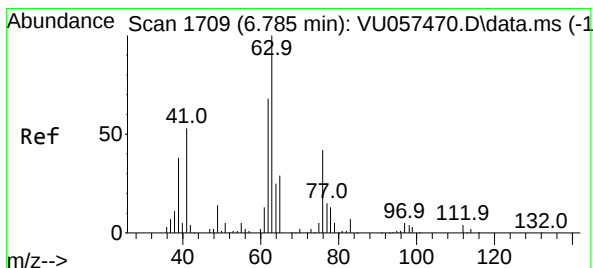
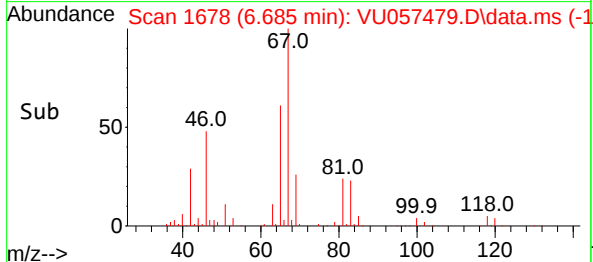
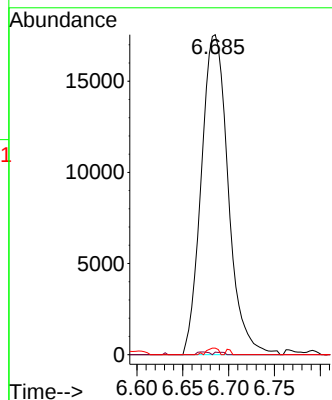
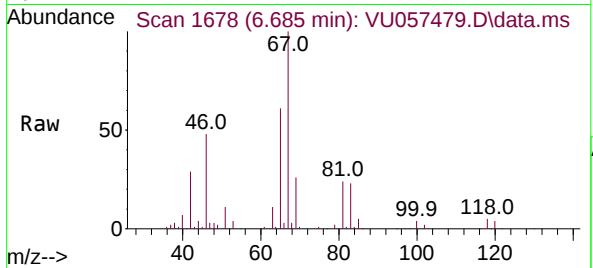




#35
Methylcyclohexane
Concen: 1.235 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057479.D
Acq: 12 Jan 2024 13:52

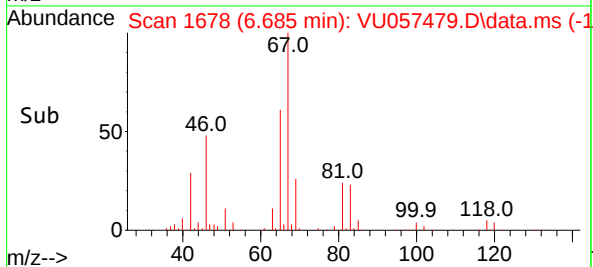
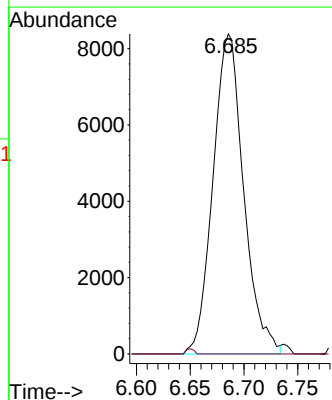
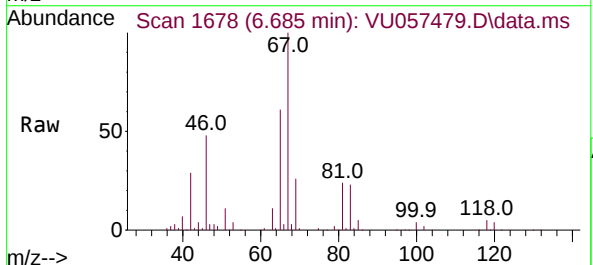
Instrument :
MSVOA_U
ClientSampleId :

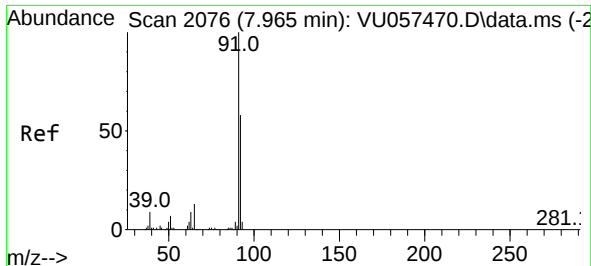
Tgt Ion: 83 Resp: 35887
Ion Ratio Lower Upper
83 100
55 0.3 68.7 103.1#
98 0.9 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.704 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057479.D
Acq: 12 Jan 2024 13:52

Tgt Ion: 63 Resp: 16611
Ion Ratio Lower Upper
63 100
112 0.4 2.7 4.1#





#42

Toluene

Concen: 0.589 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057479.D

Acq: 12 Jan 2024 13:52

Instrument :

MSVOA_U

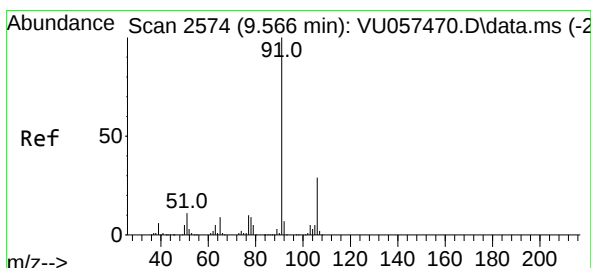
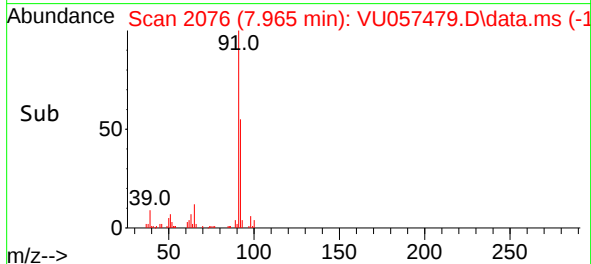
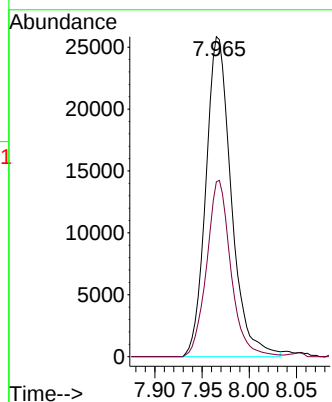
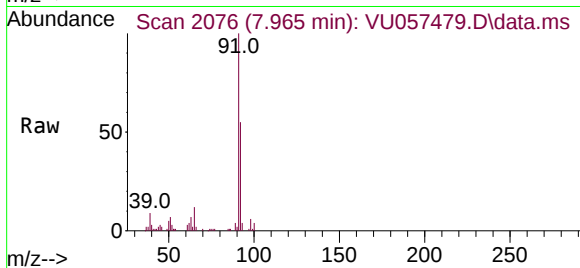
ClientSampleId :

Tgt Ion: 91 Resp: 48357

Ion Ratio Lower Upper

91 100

92 54.7 41.2 76.4



#52

Ethylbenzene

Concen: 0.244 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU057479.D

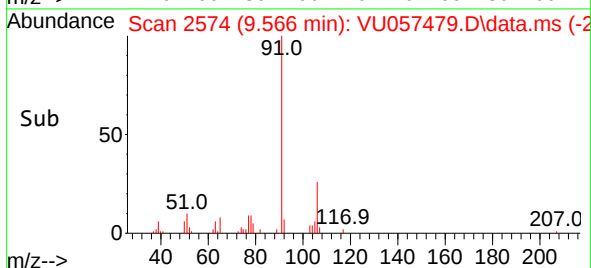
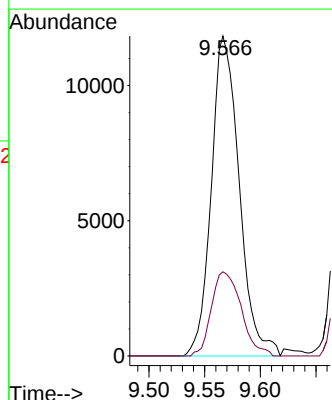
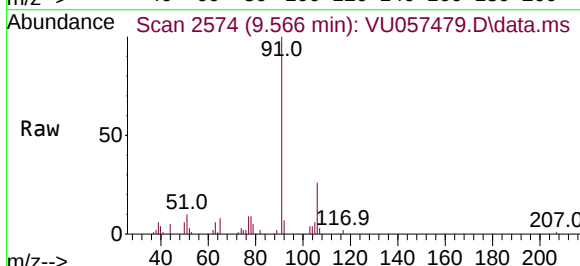
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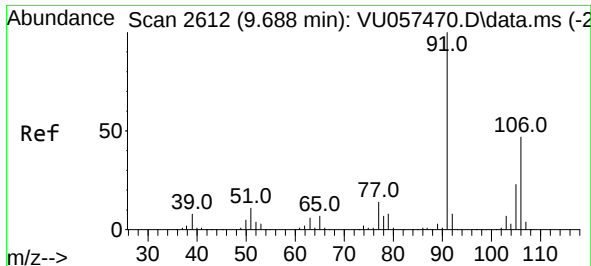
Tgt Ion: 91 Resp: 20619

Ion Ratio Lower Upper

91 100

106 26.3 20.5 38.1

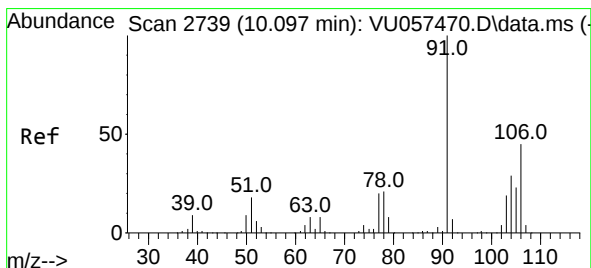
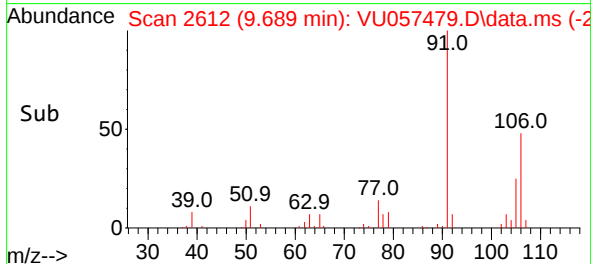
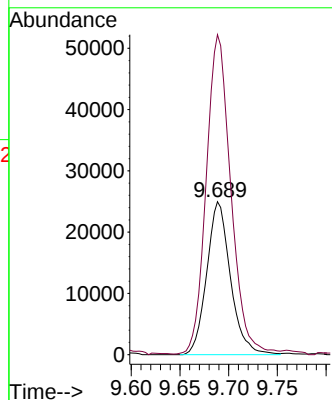
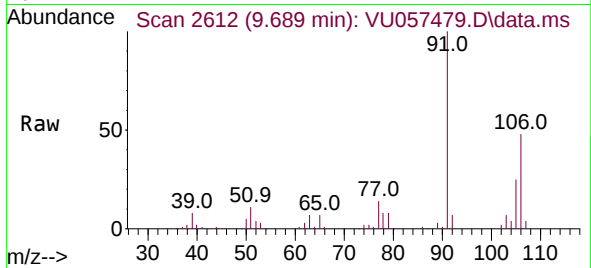




#53
m,p-Xylene
Concen: 1.393 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057479.D
Acq: 12 Jan 2024 13:52

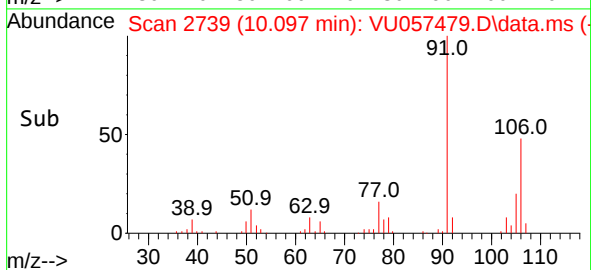
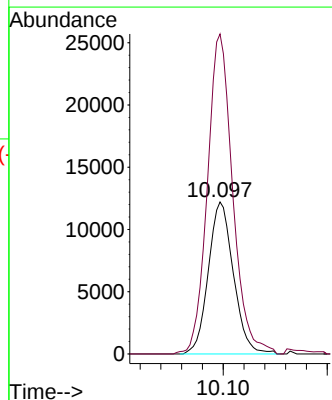
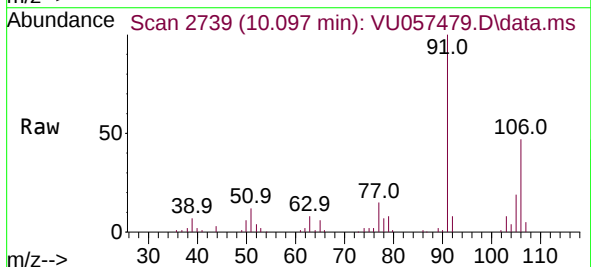
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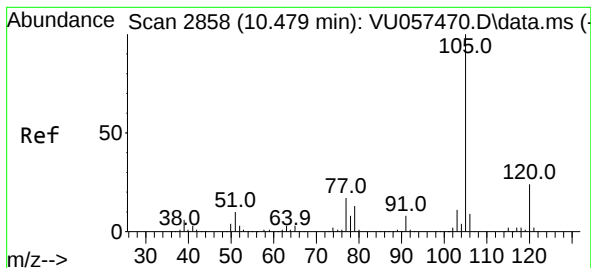
Tgt Ion:106 Resp: 42342
Ion Ratio Lower Upper
106 100
91 209.3 153.4 285.0



#54
o-Xylene
Concen: 0.701 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057479.D
Acq: 12 Jan 2024 13:52

Tgt Ion:106 Resp: 20443
Ion Ratio Lower Upper
106 100
91 210.6 165.1 306.5





#60

Isopropylbenzene

Concen: 0.147 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.386 min

Lab File: VU057479.D

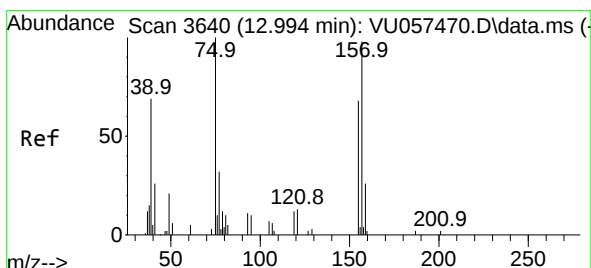
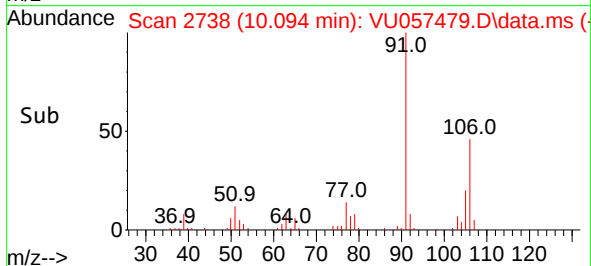
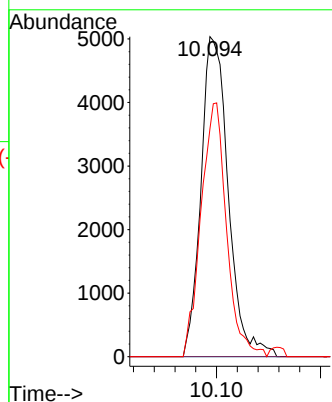
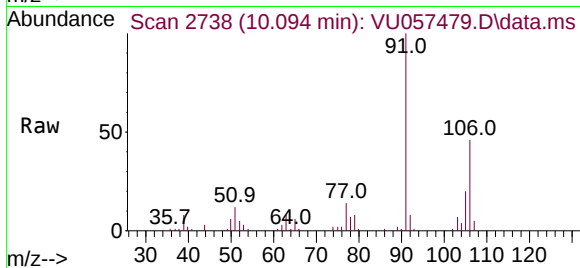
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Tgt Ion:	105	Resp:	9172
Ion Ratio	Lower	Upper	
105	100		
120	0.0	19.4	29.2#
77	74.1	14.4	21.6#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.099 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.228 min

Lab File: VU057479.D

Acq: 12 Jan 2024 13:52

Tgt Ion:	75	Resp:	192
Ion Ratio	Lower	Upper	
75	100		
155	0.0	55.4	83.0#
157	0.0	68.6	102.8#

