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 Data File : VU058960.D
 Acq On : 23 May 2024 19:58
 Operator : MD/SY
 Sample : P2566-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

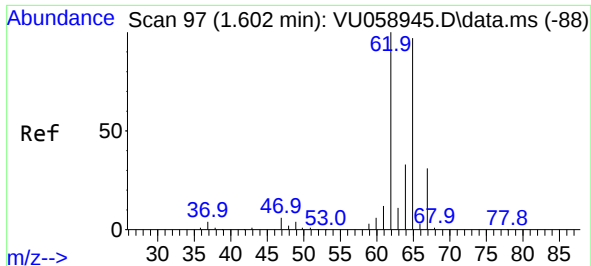
Instrument :
 MSVOA_U
 ClientSampleId :
 BHHS6

Quant Time: May 24 07:07:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165302	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166911	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102215	58.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.940%			
7) Chloroethane-d5	1.911	69	78906	54.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.620%			
11) 1,1-Dichloroethene-d2	2.563	63	118569	44.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.780%			
21) 2-Butanone-d5	4.618	46	143857	119.790	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.790%			
24) Chloroform-d	5.055	84	165078	55.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.100%			
26) 1,2-Dichloroethane-d4	5.695	65	106021	57.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.620%			
32) Benzene-d6	5.721	84	337297	59.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.560%			
36) 1,2-Dichloropropane-d6	6.682	67	110617	58.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.700%			
41) Toluene-d8	7.894	98	280909	55.074	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.140%			
43) trans-1,3-Dichloroprop...	8.174	79	46612	55.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.460%			
47) 2-Hexanone-d5	8.627	63	92815	119.402	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.400%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	166083	58.738	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.480%			
66) 1,2-Dichlorobenzene-d4	12.187	152	117852	66.026	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.060%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	588483	425.239	ug/L	96
12) 1,1-Dichloroethene	2.573	96	3162	3.088	ug/L #	1
13) Acetone	2.634	43	6571	6.206	ug/L	66
20) cis-1,2-Dichloroethene	4.656	96	1306533	959.447	ug/L	97
34) Trichloroethene	6.537	95	38183	28.670	ug/L	98
35) Methylcyclohexane	6.759	83	6160	3.946	ug/L	97
52) Ethylbenzene	9.566	91	102132	17.546	ug/L	97
53) m,p-Xylene	9.692	106	38594	18.458	ug/L	95
54) o-Xylene	10.097	106	58480	27.944	ug/L	96
61) Isopropylbenzene	10.479	105	201730	36.518	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2287257	525.570	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	7073160	1611.592	ug/L	99

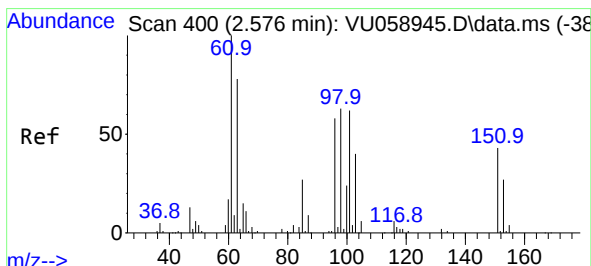
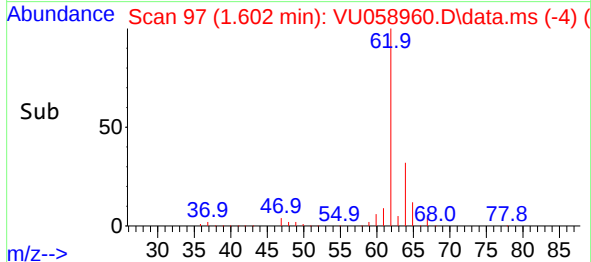
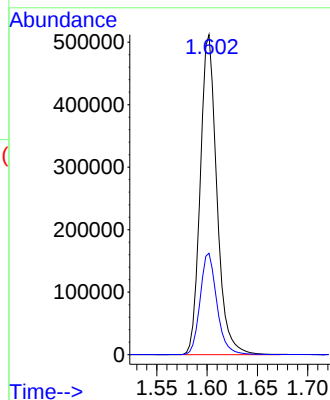
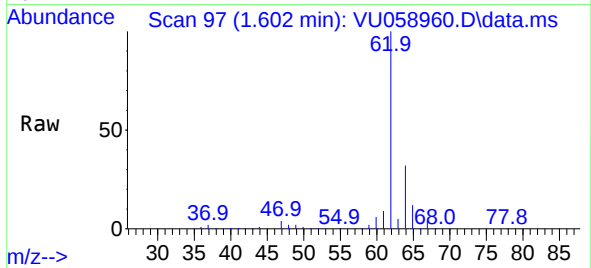
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Vinyl chloride
Concen: 425.239 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
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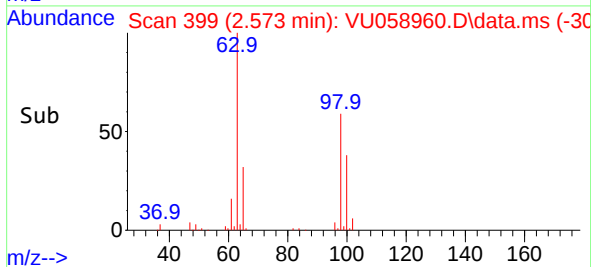
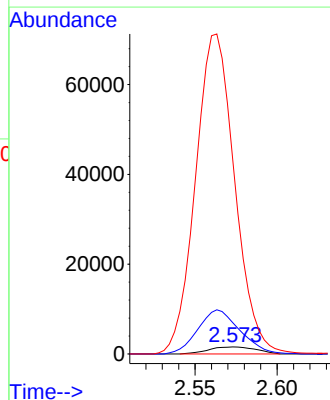
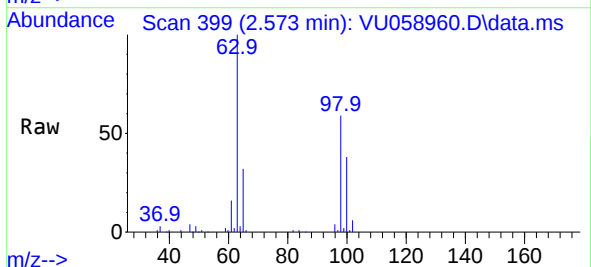
Instrument :
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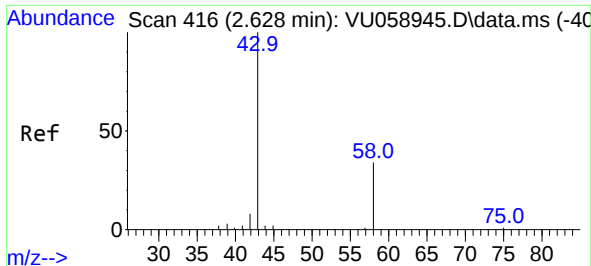
Tgt Ion: 62 Resp: 588483
Ion Ratio Lower Upper
62 100
64 31.7 23.7 43.9



#12
1,1-Dichloroethene
Concen: 3.088 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

Tgt Ion: 96 Resp: 3162
Ion Ratio Lower Upper
96 100
61 448.5 122.2 227.0#
63 2786.9 102.8 190.8#

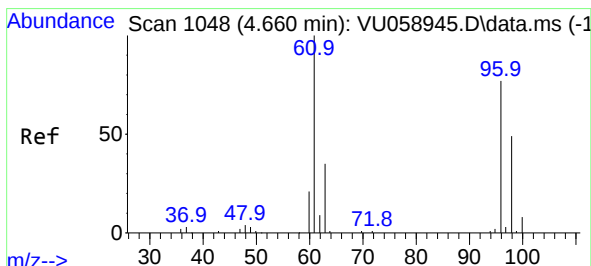
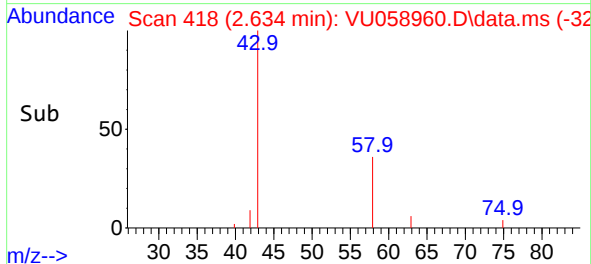
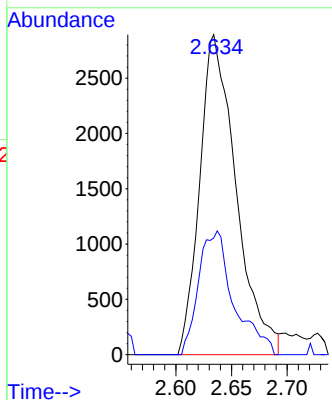
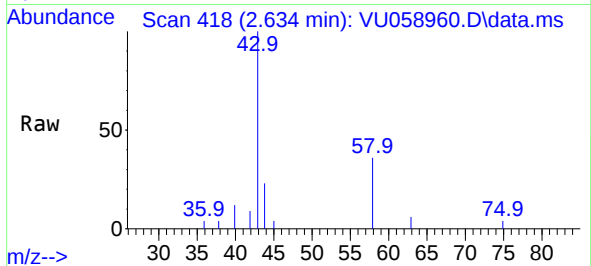




#13
Acetone
Concen: 6.206 ug/L
RT: 2.634 min Scan# 416
Delta R.T. 0.006 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

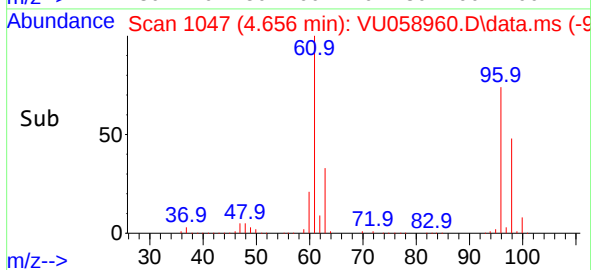
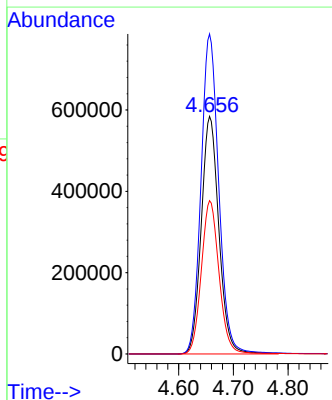
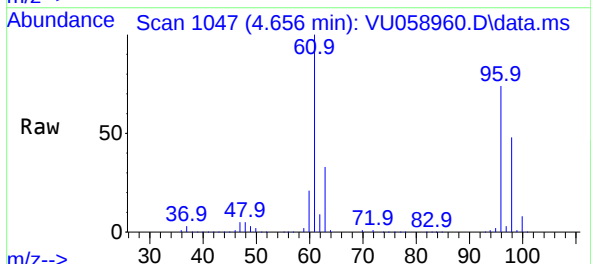
Instrument :
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ClientSampleId :
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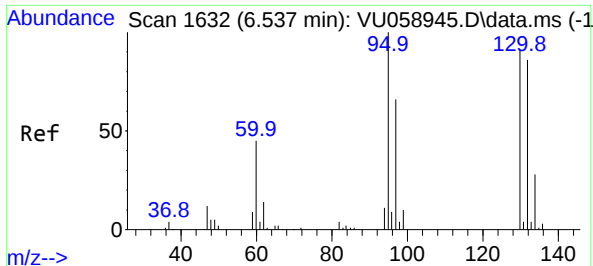
Tgt Ion: 43 Resp: 6571
Ion Ratio Lower Upper
43 100
58 14.3 0.0 67.2



#20
cis-1,2-Dichloroethene
Concen: 959.447 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

Tgt Ion: 96 Resp: 1306533
Ion Ratio Lower Upper
96 100
61 134.7 91.1 169.3
98 64.5 44.4 82.4





#34

Trichloroethene

Concen: 28.670 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058960.D

Acq: 23 May 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :

BHHS6

Tgt Ion: 95 Resp: 38183

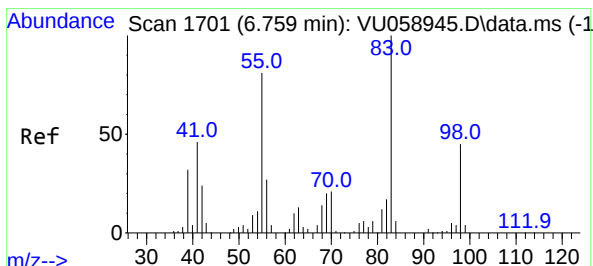
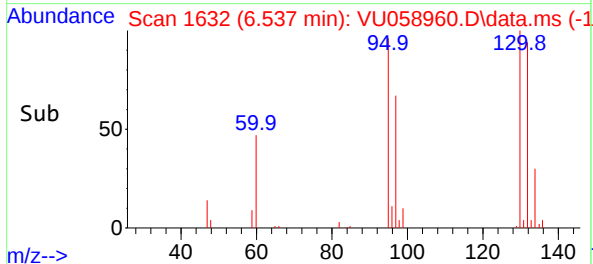
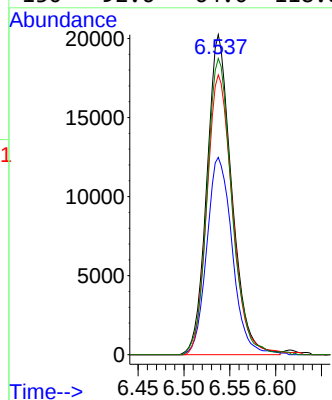
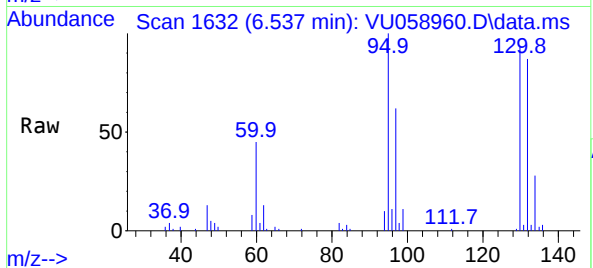
Ion Ratio Lower Upper

95 100

97 61.7 45.9 85.3

132 87.4 60.5 112.5

130 92.6 64.0 118.8



#35

Methylcyclohexane

Concen: 3.946 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU058960.D

Acq: 23 May 2024 19:58

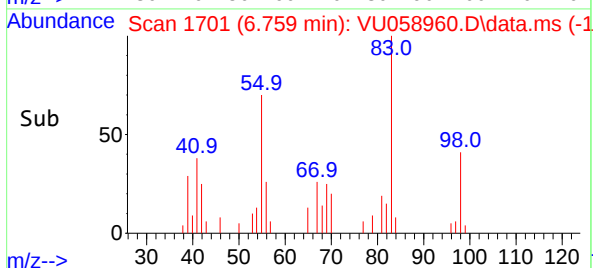
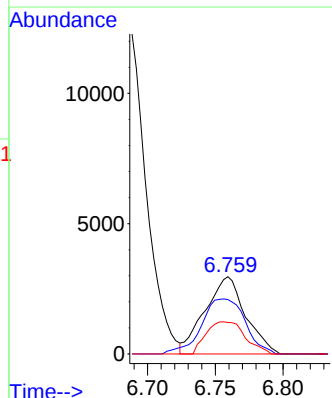
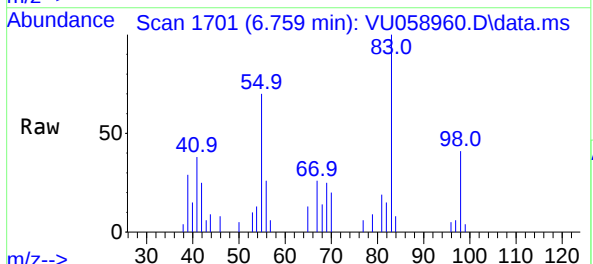
Tgt Ion: 83 Resp: 6160

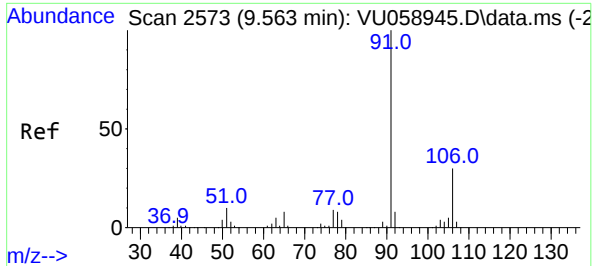
Ion Ratio Lower Upper

83 100

55 76.9 61.5 92.3

98 40.1 36.2 54.2

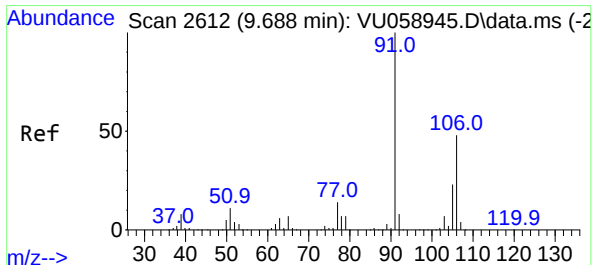
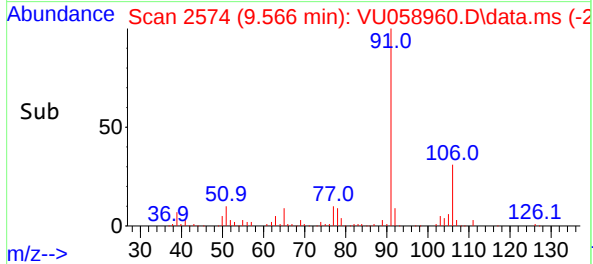
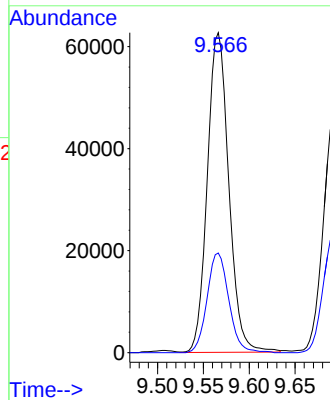
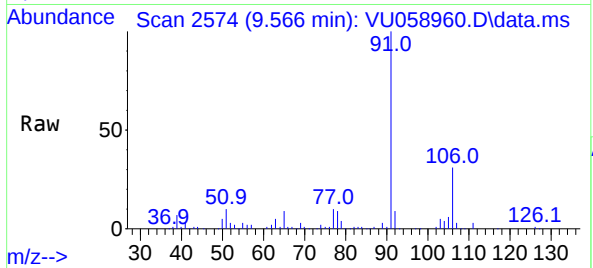




#52
Ethylbenzene
Concen: 17.546 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

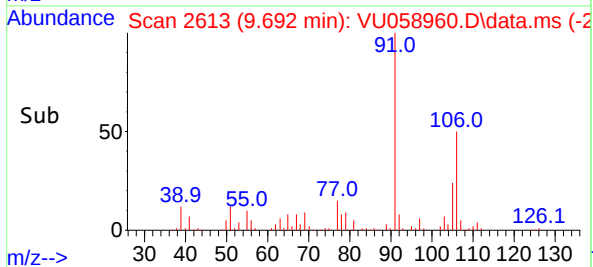
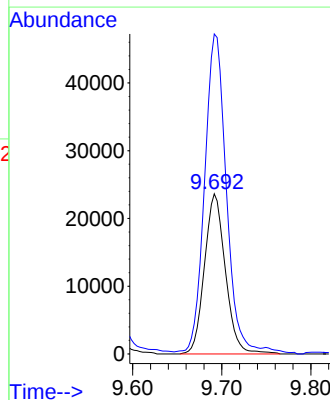
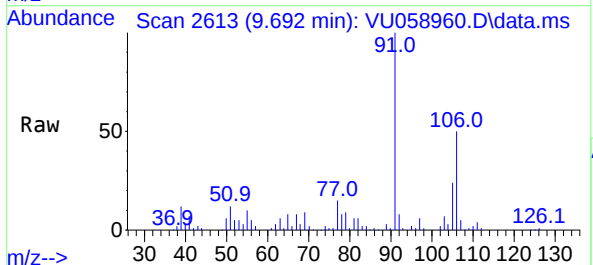
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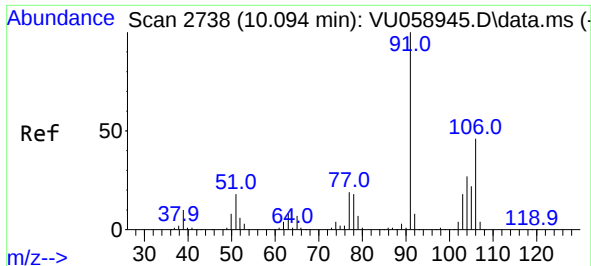
Tgt Ion: 91 Resp: 102132
Ion Ratio Lower Upper
91 100
106 31.1 20.8 38.6



#53
m,p-Xylene
Concen: 18.458 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

Tgt Ion:106 Resp: 38594
Ion Ratio Lower Upper
106 100
91 199.8 145.7 270.7

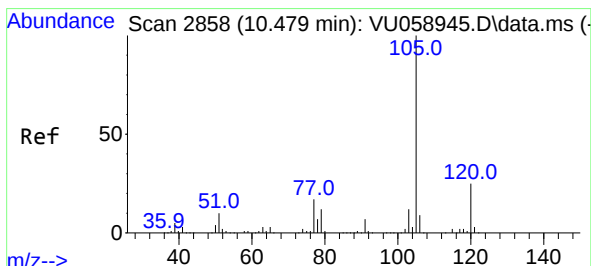
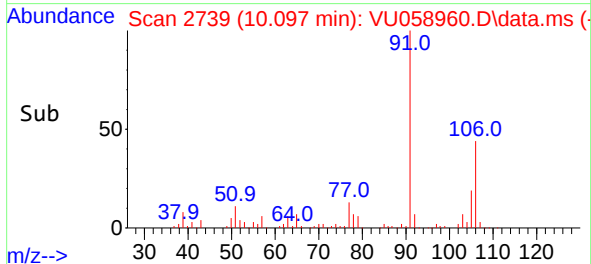
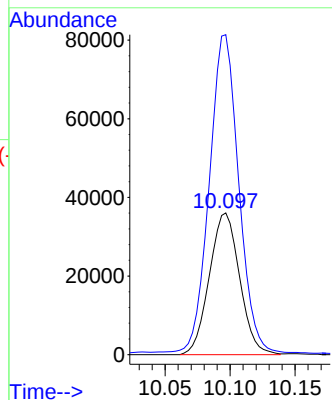
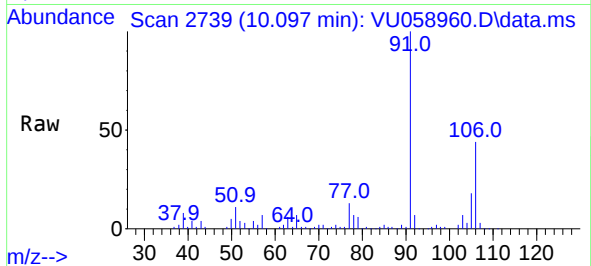




#54
o-Xylene
Concen: 27.944 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

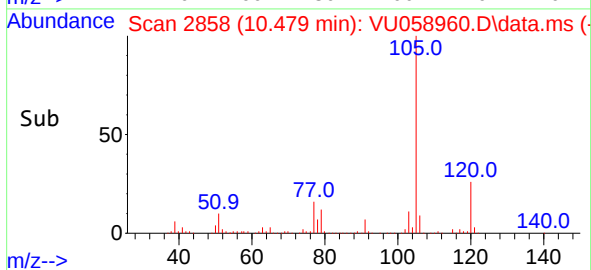
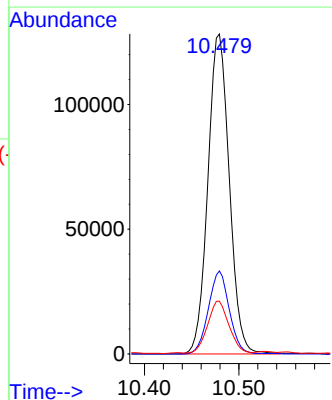
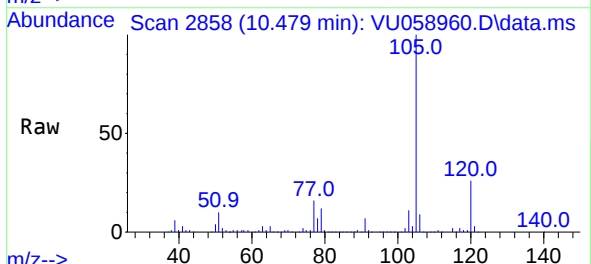
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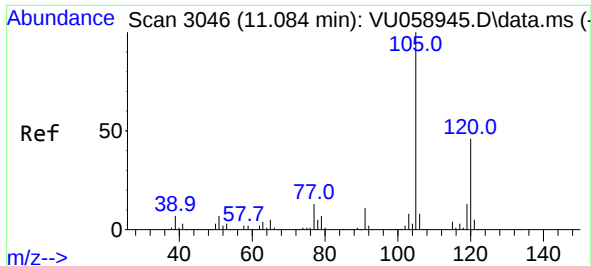
Tgt Ion:106 Resp: 58480
Ion Ratio Lower Upper
106 100
91 225.8 154.0 286.0



#61
Isopropylbenzene
Concen: 36.518 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

Tgt Ion:105 Resp: 201730
Ion Ratio Lower Upper
105 100
120 25.2 20.0 30.0
77 16.3 13.4 20.0

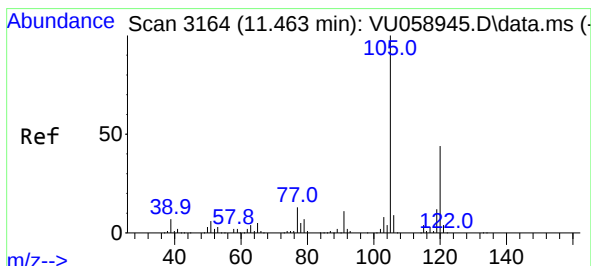
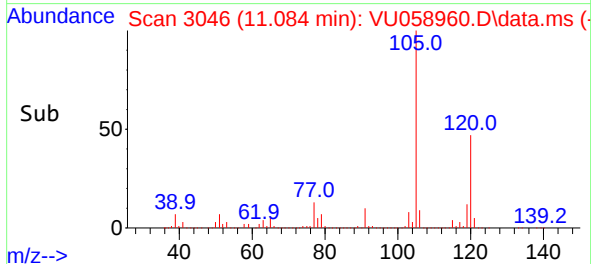
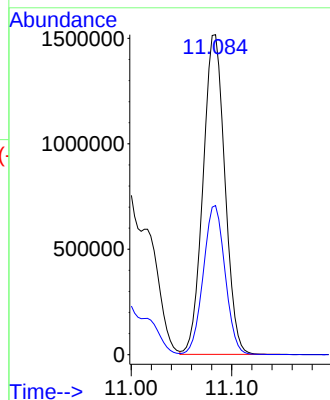
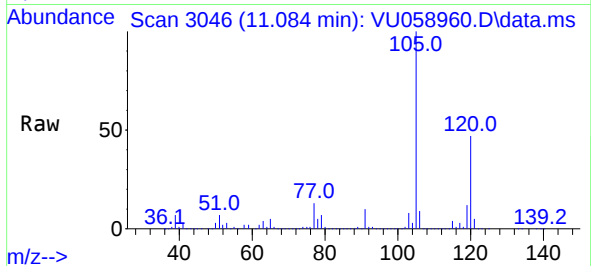




#62
1,3,5-Trimethylbenzene
Concen: 525.570 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 2287257
Ion Ratio Lower Upper
105 100
120 46.5 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 1611.592 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058960.D
Acq: 23 May 2024 19:58

Tgt Ion:105 Resp: 7073160
Ion Ratio Lower Upper
105 100
120 43.5 35.3 52.9

