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 Data File : VW022598.D
 Acq On : 06 Oct 2021 03:25
 Operator : SY/MD
 Sample : M4050-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

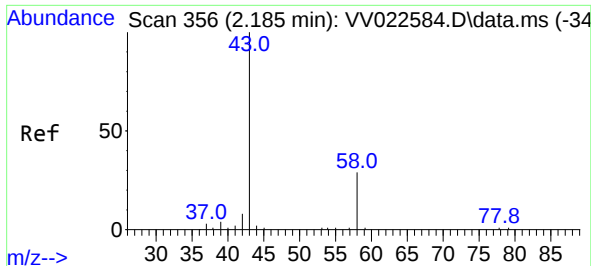
Instrument :
 MSVOA_V
 ClientSampleId :
 GB7B9

Quant Time: Oct 06 08:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96977	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	89763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	36265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15364	4.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.564	69	21883	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.104	63	29518	3.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.883	46	96747	52.675	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.340%
24) Chloroform-d	4.349	84	53621	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.037	65	29493	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.053	84	99382	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.072	67	35341	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.320	98	72413	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	8596	4.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	60344	51.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26315	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.628	152	27833	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
13) Acetone	2.172	43	6788	6.872	ug/L #	23
14) Carbon disulfide	2.291	76	2669	0.154	ug/L #	93
22) cis-1,2-Dichloroethene	3.915	96	7050	1.004	ug/L	97
33) Benzene	5.108	78	3368	0.139	ug/L	100
34) Trichloroethene	5.918	95	5676	0.807	ug/L	93
42) Toluene	7.394	91	26402	1.039	ug/L	98
52) Ethylbenzene	9.017	91	4363	0.167	ug/L #	81
53) m,p-xylene	9.143	106	5941	0.597	ug/L	88
54) o-xylene	9.548	106	1774	0.179	ug/L	78
60) Isopropylbenzene	9.937	105	1723	0.088	ug/L	94
63) 1,2,4-Trimethylbenzene	10.921	105	2057	0.128	ug/L	99

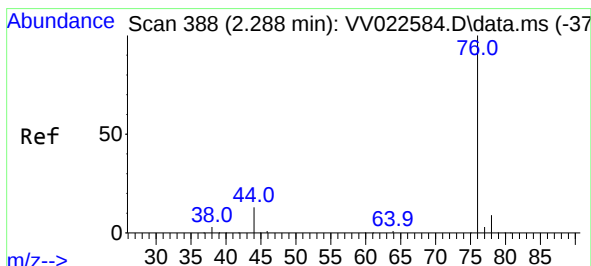
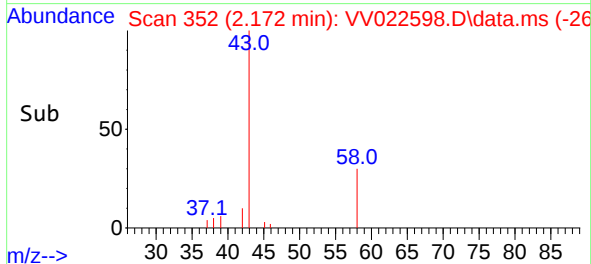
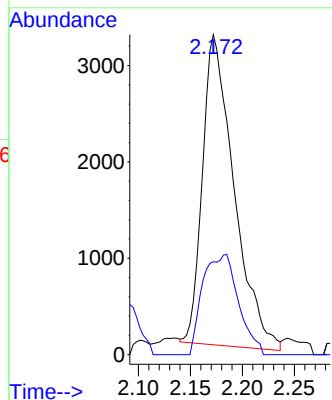
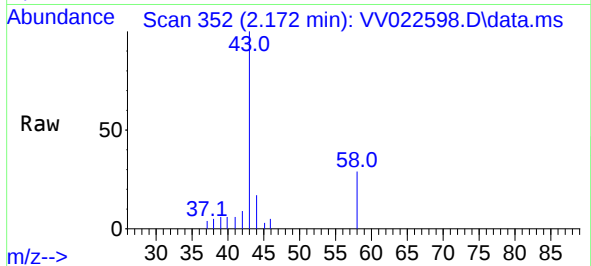
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 6.872 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.013 min
Lab File: VV022598.D
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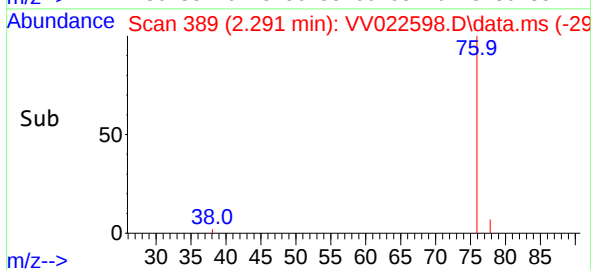
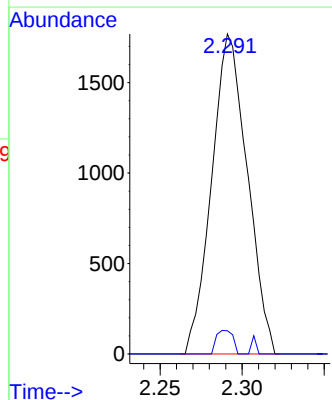
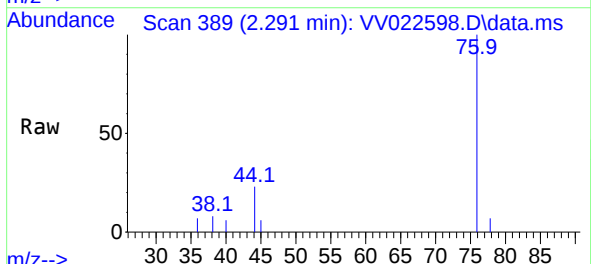
Instrument :
MSVOA_V
ClientSampleId :
GB7B9

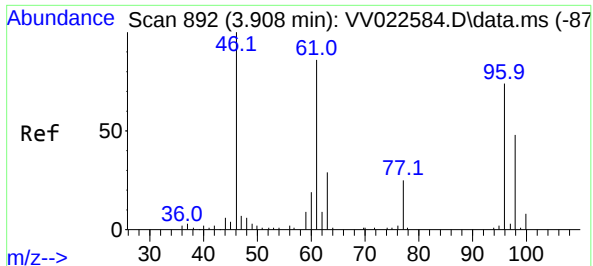
Tgt Ion: 43 Resp: 6788
Ion Ratio Lower Upper
43 100
58 36.5 0.0 17.6#



#14
Carbon disulfide
Concen: 0.154 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion: 76 Resp: 2669
Ion Ratio Lower Upper
76 100
78 7.2 7.8 11.6#

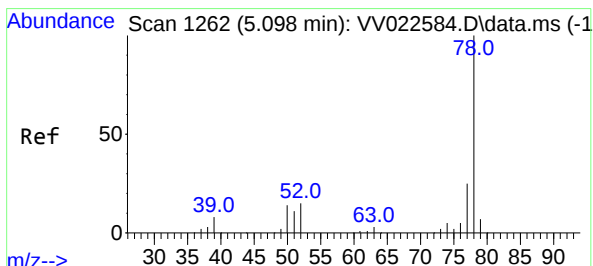
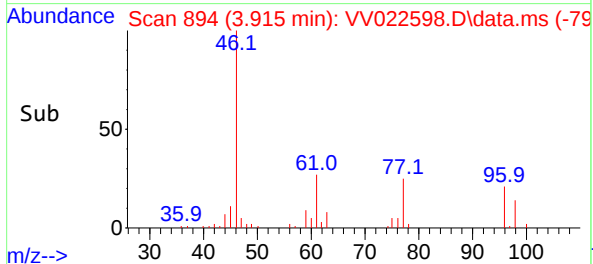
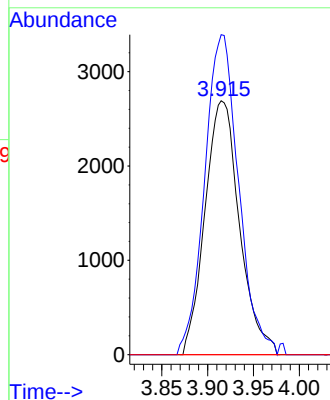
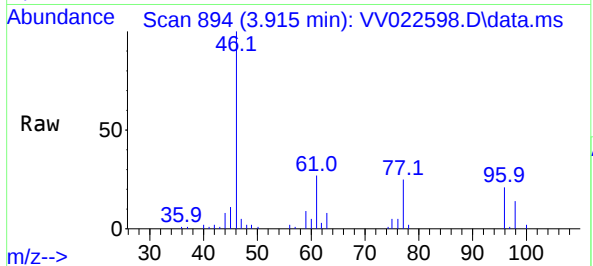




#22
cis-1,2-Dichloroethene
Concen: 1.004 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

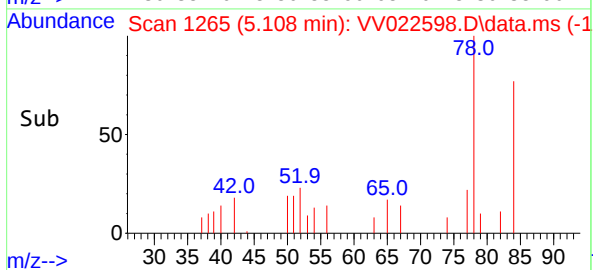
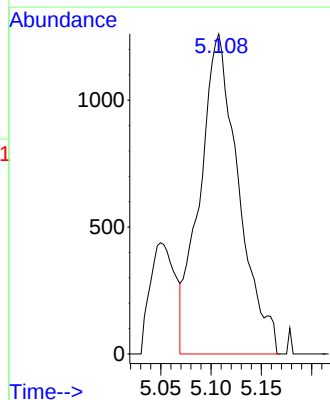
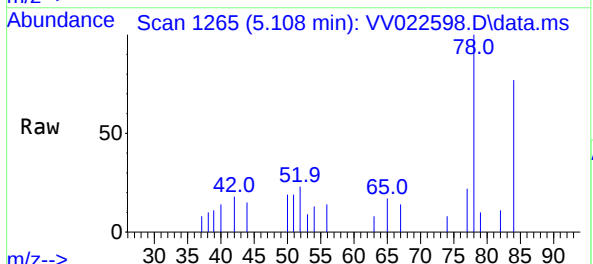
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MSVOA_V
ClientSampleId :
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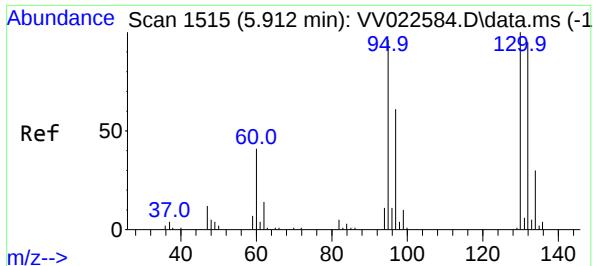
Tgt Ion: 96 Resp: 7050
Ion Ratio Lower Upper
96 100
61 126.0 85.6 159.0
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.139 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.009 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion: 78 Resp: 3368

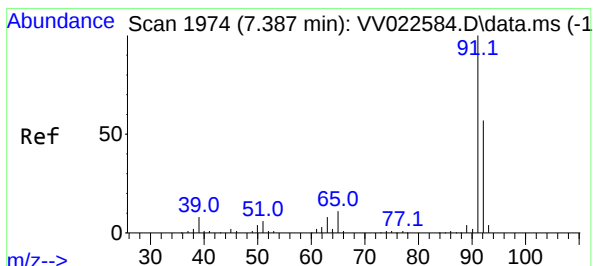
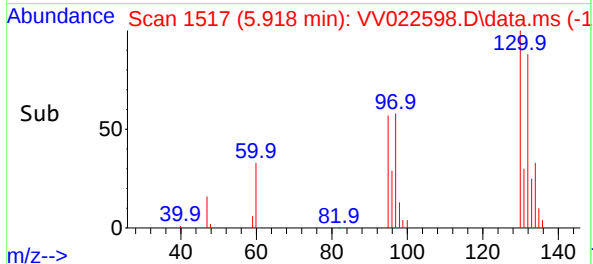
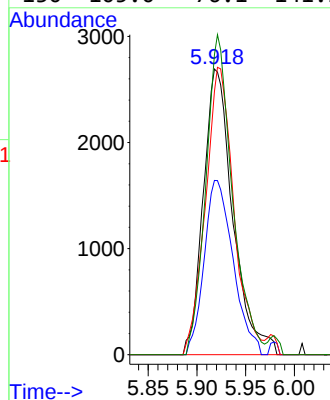
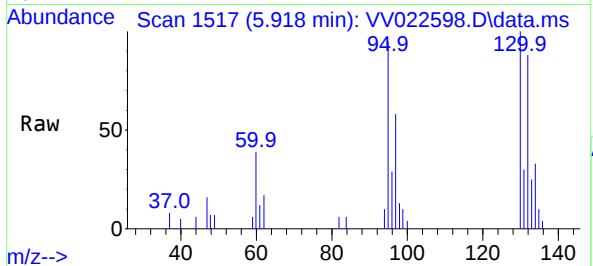




#34
Trichloroethene
Concen: 0.807 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

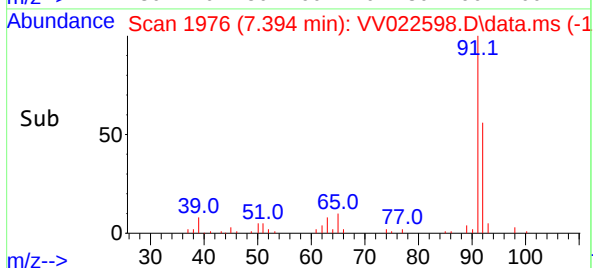
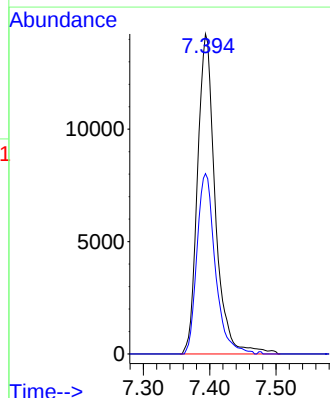
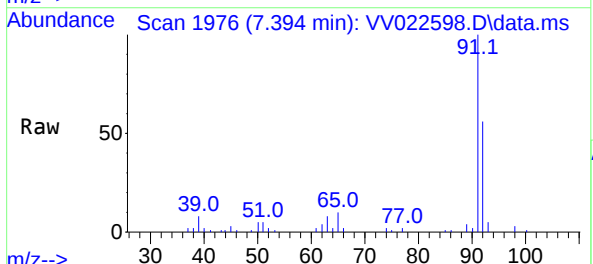
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MSVOA_V
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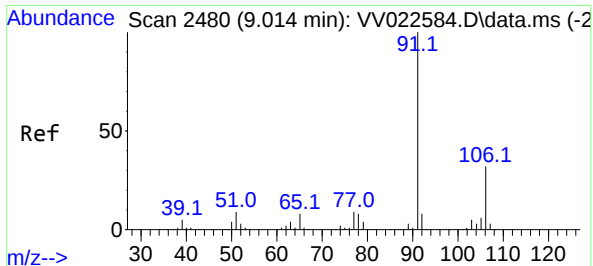
Tgt Ion: 95 Resp: 5676
Ion Ratio Lower Upper
95 100
97 61.0 46.5 86.5
132 92.2 73.0 135.6
130 105.0 76.1 141.3



#42
Toluene
Concen: 1.039 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion: 91 Resp: 26402
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.3





#52

Ethylbenzene

Concen: 0.167 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV022598.D

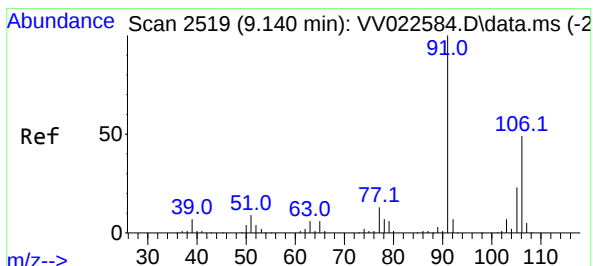
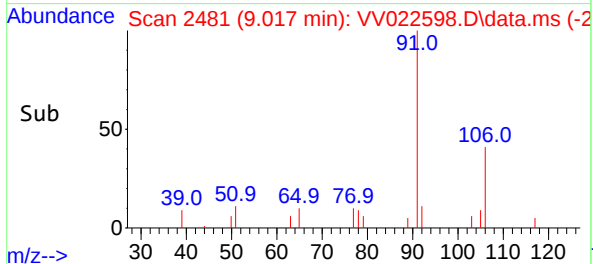
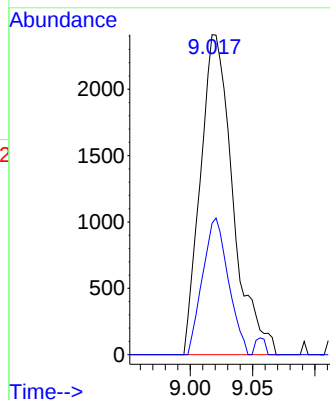
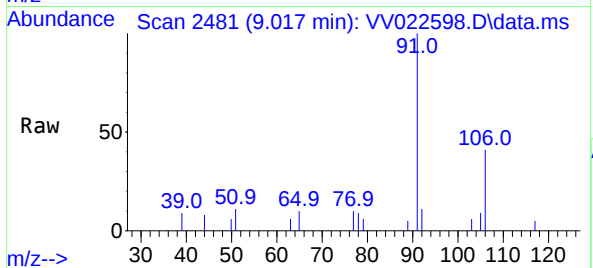
Acq: 06 Oct 2021 03:25

Tgt Ion: 91 Resp: 4363

Ion Ratio Lower Upper

91 100

106 41.1 21.3 39.6#



#53

m,p-xylene

Concen: 0.597 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV022598.D

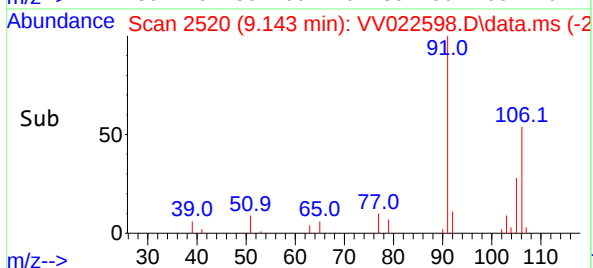
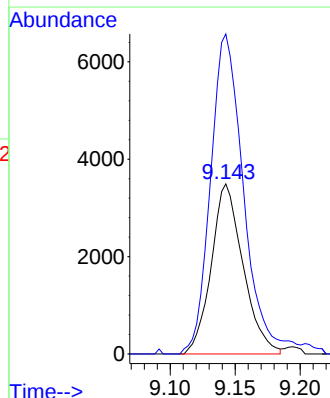
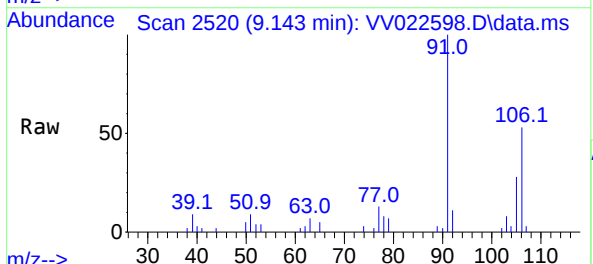
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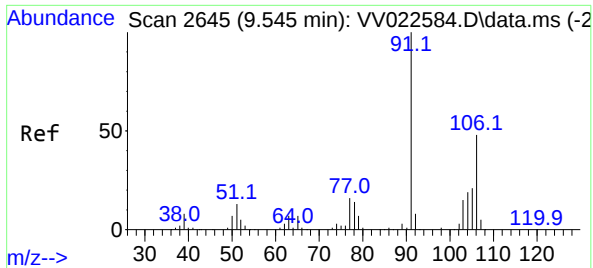
Tgt Ion: 106 Resp: 5941

Ion Ratio Lower Upper

106 100

91 188.1 144.8 269.0

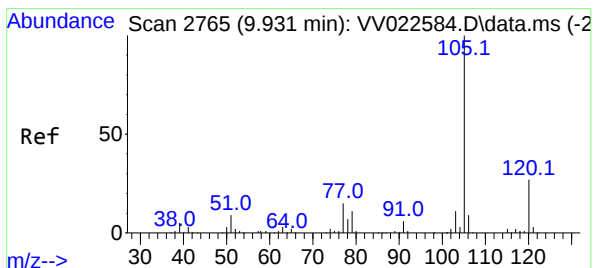
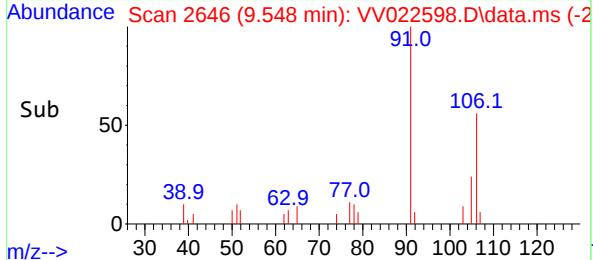
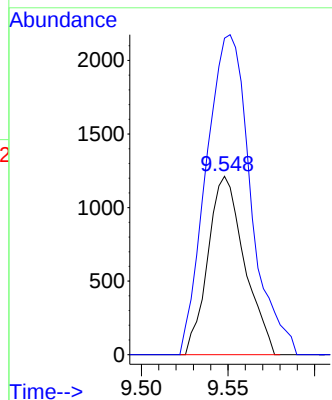
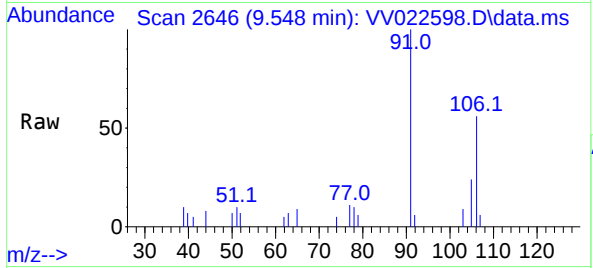




#54
o-xylene
Concen: 0.179 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

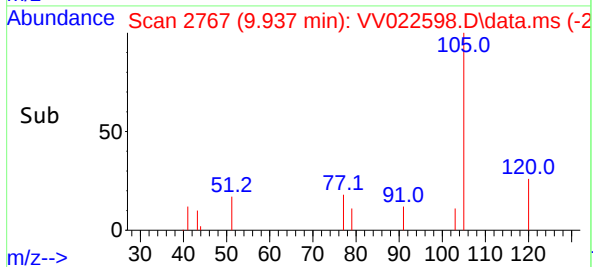
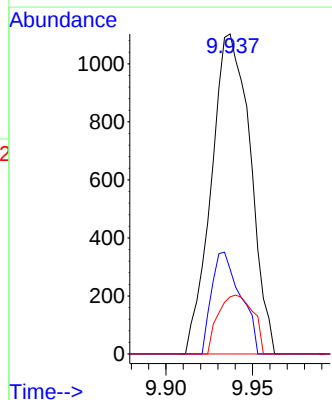
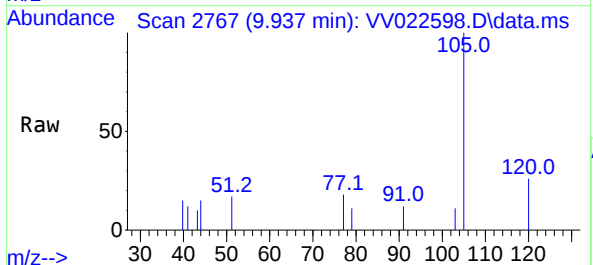
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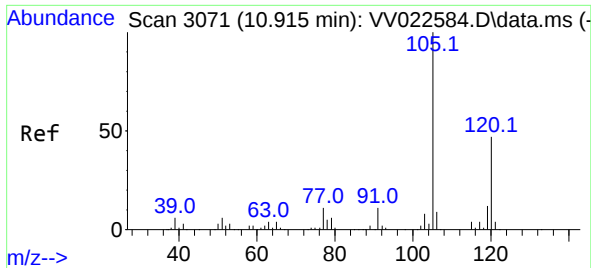
Tgt Ion:106 Resp: 1774
Ion Ratio Lower Upper
106 100
91 177.3 148.8 276.4



#60
Isopropylbenzene
Concen: 0.088 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion:105 Resp: 1723
Ion Ratio Lower Upper
105 100
120 23.6 21.6 32.4
77 16.4 11.8 17.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.128 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.006 min
 Lab File: VV022598.D
 Acq: 06 Oct 2021 03:25

Instrument :
 MSVOA_V
 ClientSampleId :
 GB7B9

Tgt Ion:105 Resp: 2057
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.2 55.8

