

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW027001.D
 Acq On : 27 Jul 2022 16:08
 Operator : SY/MD
 Sample : N3843-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUE1

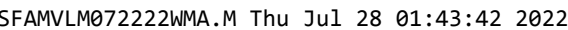
Quant Time: Jul 28 01:43:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 01:41:31 2022
 Response via : Initial Calibration

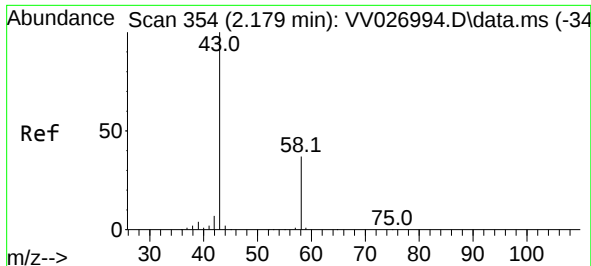
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	507721	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	515028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	309526	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	161531	37.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.860%		
7) Chloroethane-d5	1.564	69	146606	42.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.120%		
11) 1,1-Dichloroethene-d2	2.101	63	230897	30.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.280%		
21) 2-Butanone-d5	3.883	46	316733	110.349	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.350%		
24) Chloroform-d	4.342	84	373690	44.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.180%		
26) 1,2-Dichloroethane-d4	5.027	65	227383	47.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
32) Benzene-d6	5.047	84	724910	46.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.120%		
36) 1,2-Dichloropropane-d6	6.066	67	242259	48.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.580%		
41) Toluene-d8	7.313	98	597256	43.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.700%		
43) trans-1,3-Dichloroprop...	7.619	79	90581	43.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.180%		
47) 2-Hexanone-d5	8.088	63	242363	110.946	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.950%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	391673	51.390	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.780%		
66) 1,2-Dichlorobenzene-d4	11.622	152	283959	48.900	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.800%		
Target Compounds						Qvalue
13) Acetone	2.175	43	282194	140.021	ug/L	99
15) Methyl Acetate	2.436	43	18063	4.063	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	3987	0.912	ug/L	91
22) 2-Butanone	3.982	43	59866	21.780	ug/L	100
33) Benzene	5.095	78	449991	27.169	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	22752	4.435	ug/L	98
42) Toluene	7.387	91	437382	25.872	ug/L	100
52) Ethylbenzene	9.011	91	1014089	57.789	ug/L	100
53) m,p-Xylene	9.136	106	123986	18.045	ug/L	100
54) o-Xylene	9.542	106	84483	12.766	ug/L	97
55) Styrene	9.564	104	26496	2.267	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	39215	2.638	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	127421	8.545	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.461	75	12294	7.409	ug/L #	1

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

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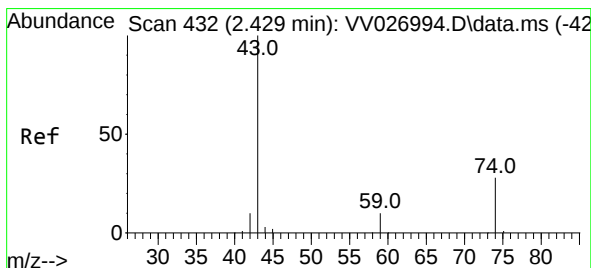
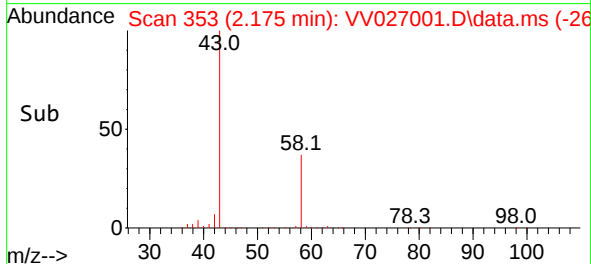
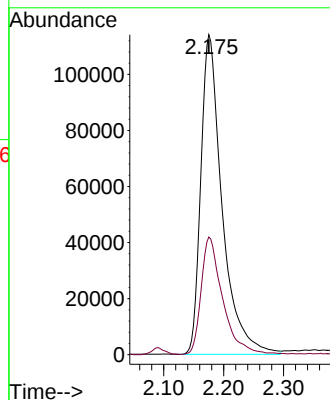
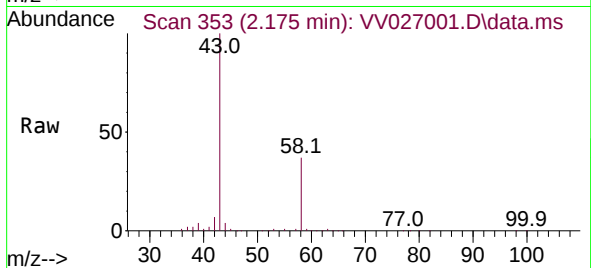




#13
Acetone
Concen: 140.021 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

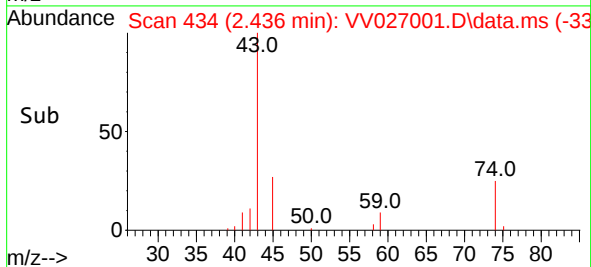
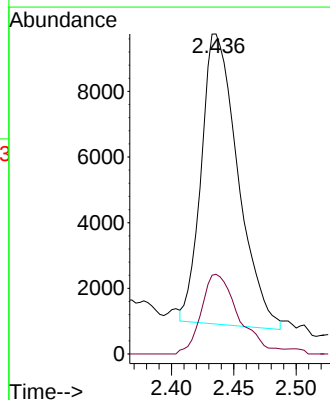
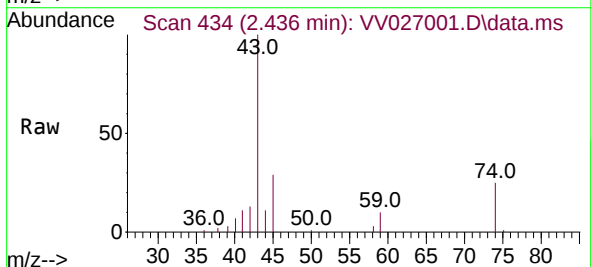
Instrument :
MSVOA_V
ClientSampleId :
DBUE1

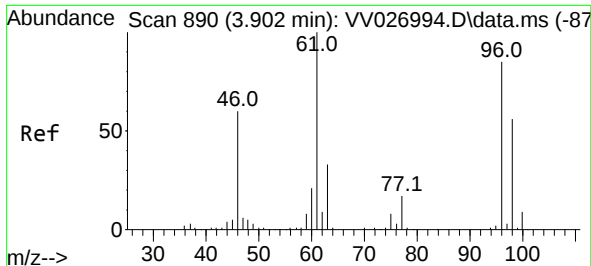
Tgt Ion: 43 Resp: 282194
Ion Ratio Lower Upper
43 100
58 36.7 0.0 72.6



#15
Methyl Acetate
Concen: 4.063 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 18063
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1

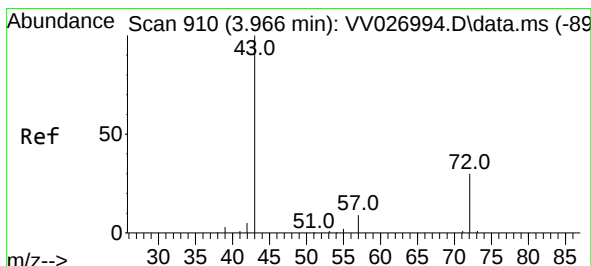
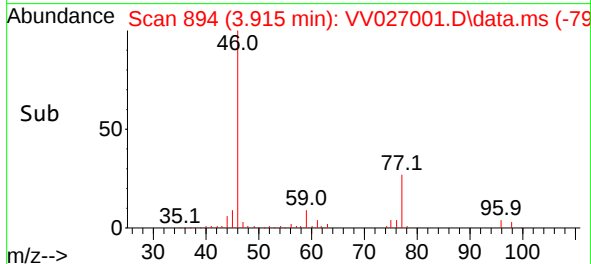
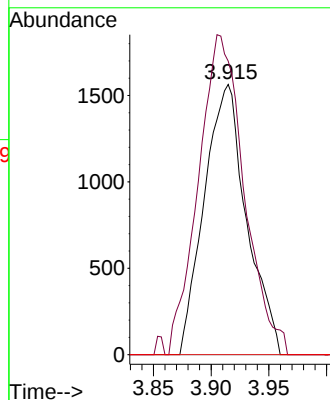
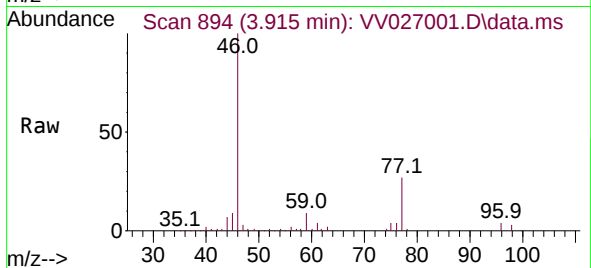




#20
cis-1,2-Dichloroethene
Concen: 0.912 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

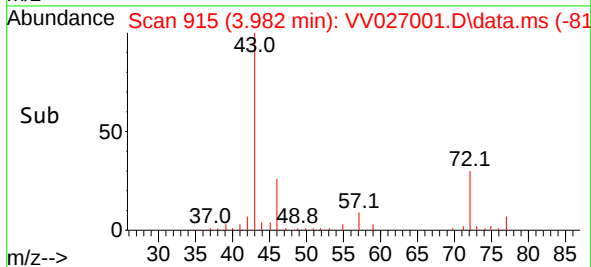
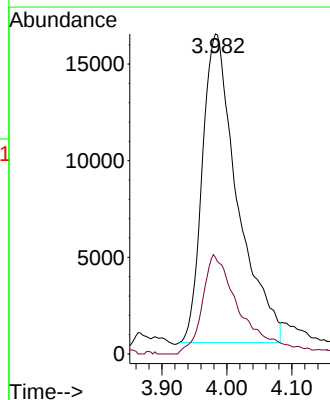
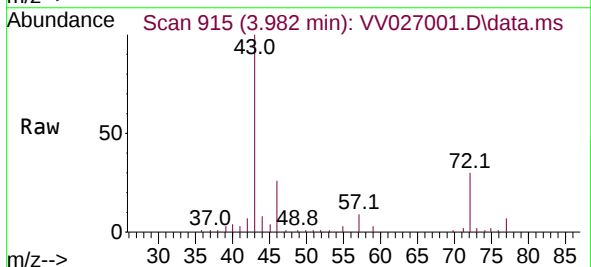
Instrument :
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ClientSampleId :
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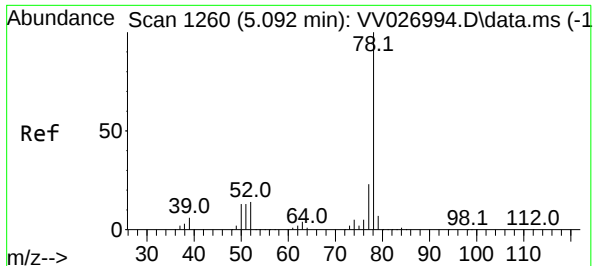
Tgt Ion: 96 Resp: 3987
Ion Ratio Lower Upper
96 100
61 108.6 83.0 154.1
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 21.780 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.016 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 59866
Ion Ratio Lower Upper
43 100
72 29.9 14.9 44.5

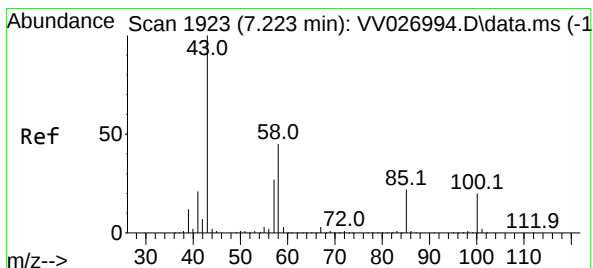
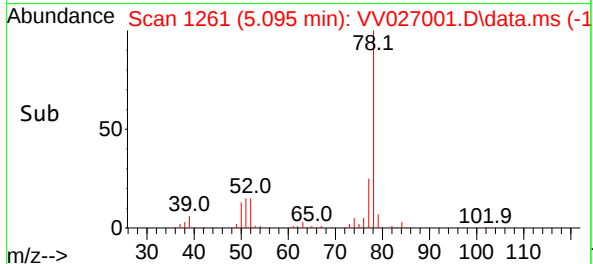
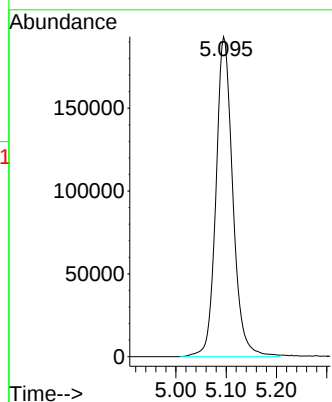
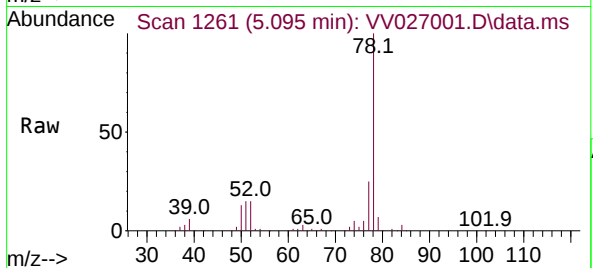




#33
Benzene
Concen: 27.169 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

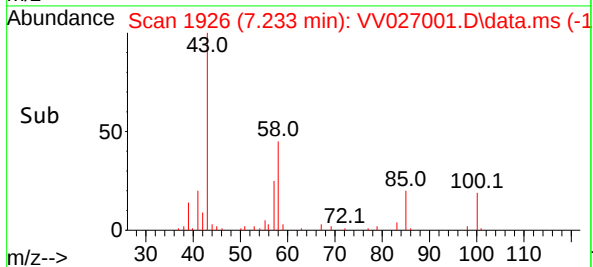
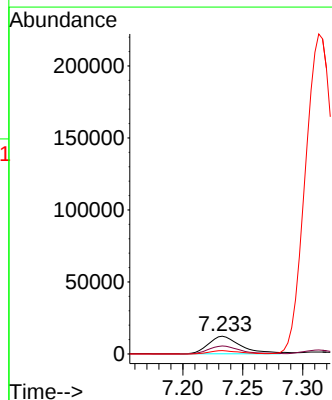
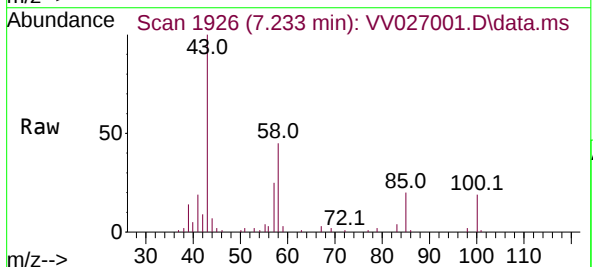
Instrument :
MSVOA_V
ClientSampleId :
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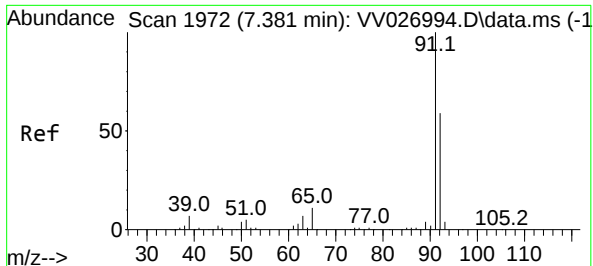
Tgt Ion: 78 Resp: 449991



#40
4-Methyl-2-pentanone
Concen: 4.435 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.009 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 22752
Ion Ratio Lower Upper
43 100
58 44.9 35.0 52.6
100 18.0 15.4 23.0





#42

Toluene

Concen: 25.872 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.006 min

Lab File: VV027001.D

Acq: 27 Jul 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

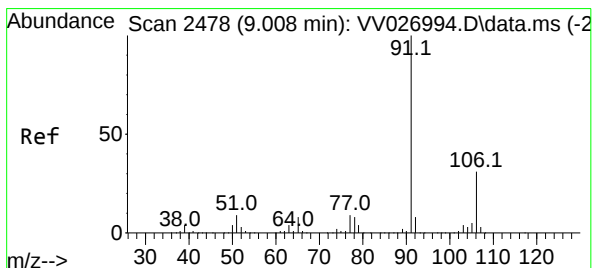
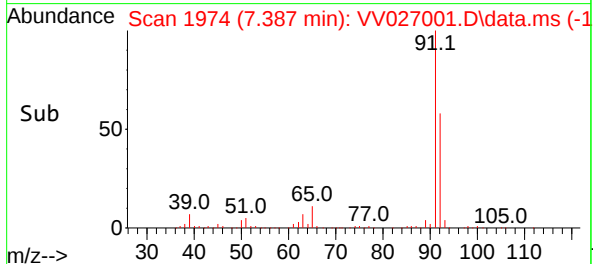
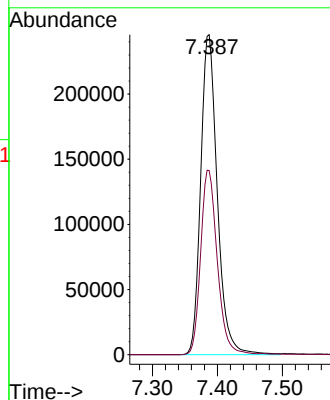
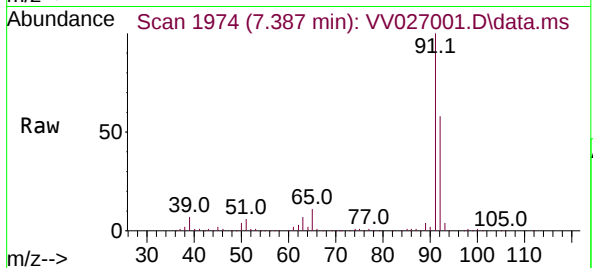
DBUE1

Tgt Ion: 91 Resp: 437382

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.1



#52

Ethylbenzene

Concen: 57.789 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027001.D

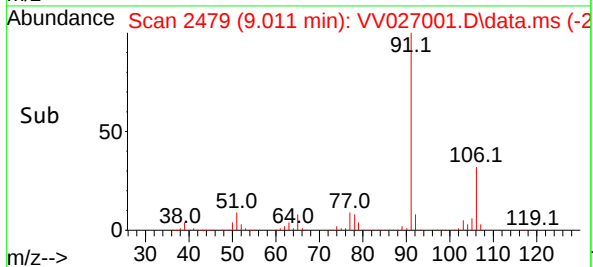
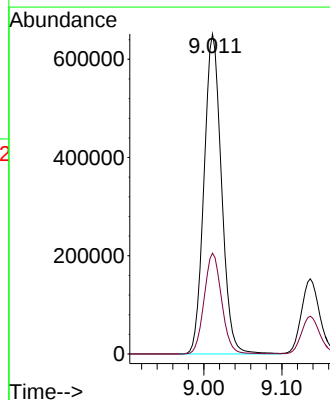
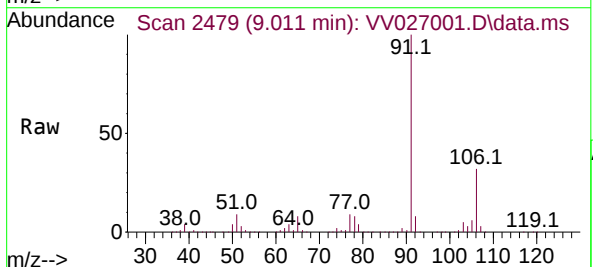
Acq: 27 Jul 2022 16:08

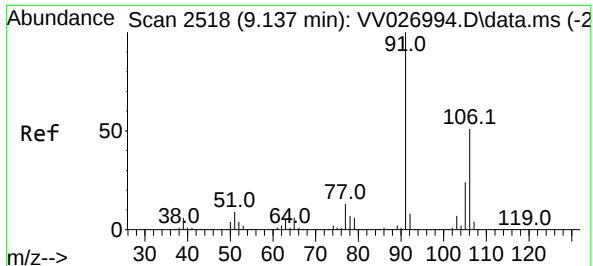
Tgt Ion: 91 Resp: 1014089

Ion Ratio Lower Upper

91 100

106 31.5 22.0 40.8

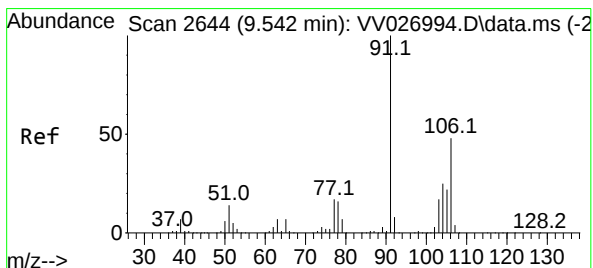
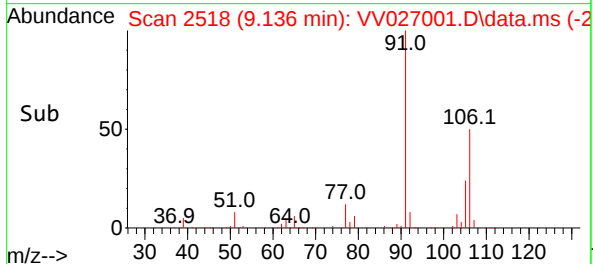
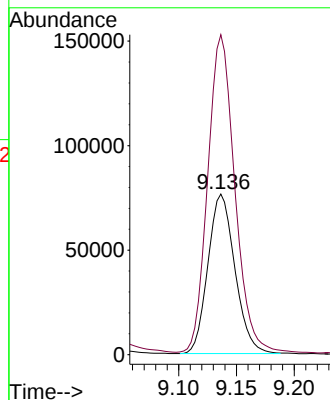
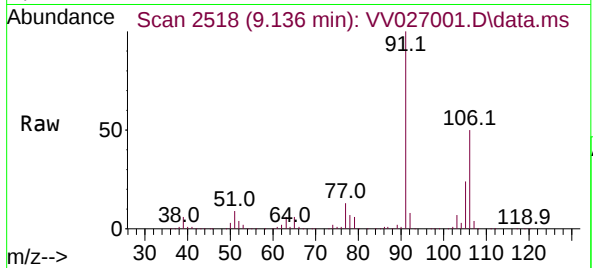




#53
m,p-Xylene
Concen: 18.045 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

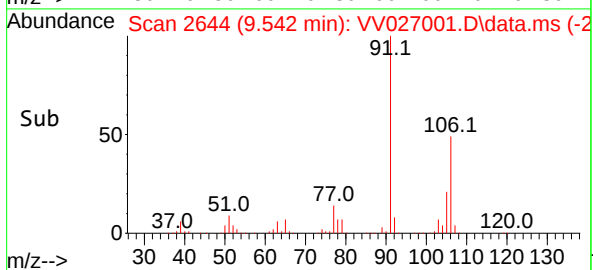
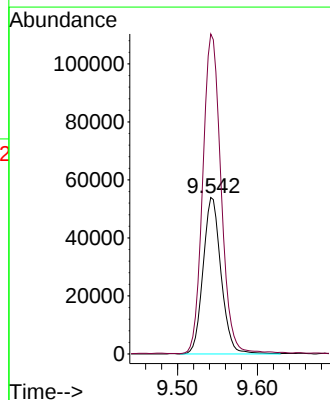
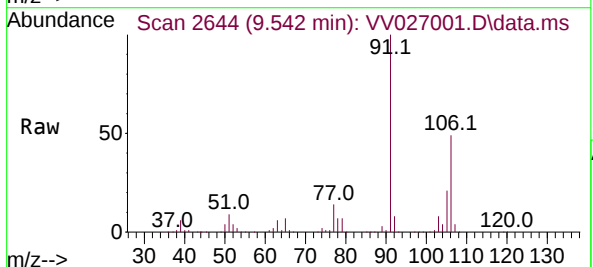
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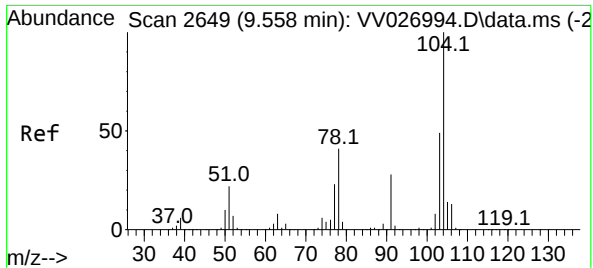
Tgt Ion:106 Resp: 123986
Ion Ratio Lower Upper
106 100
91 199.3 140.0 260.0



#54
o-Xylene
Concen: 12.766 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:106 Resp: 84483
Ion Ratio Lower Upper
106 100
91 204.5 146.1 271.3

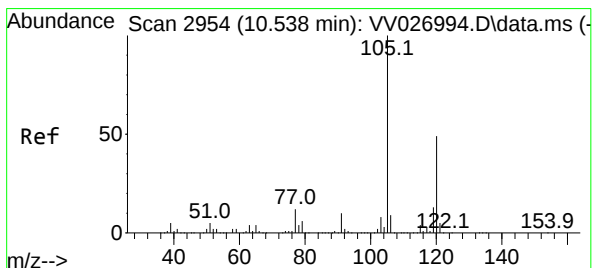
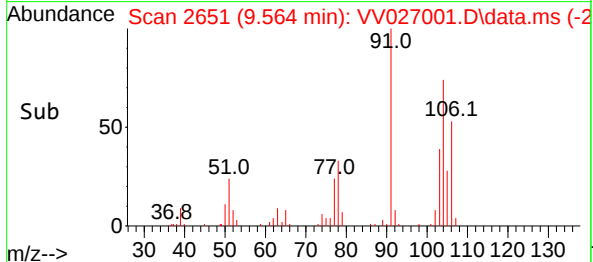
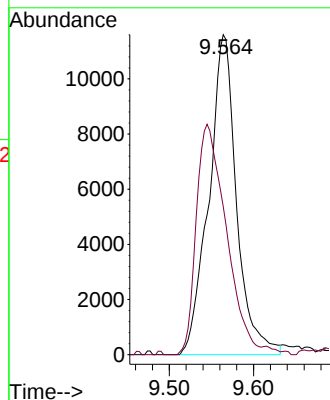
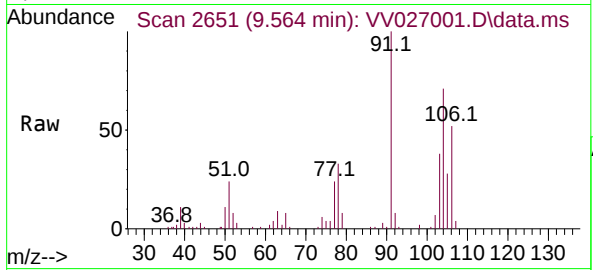




#55
Styrene
Concen: 2.267 ug/L
RT: 9.564 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

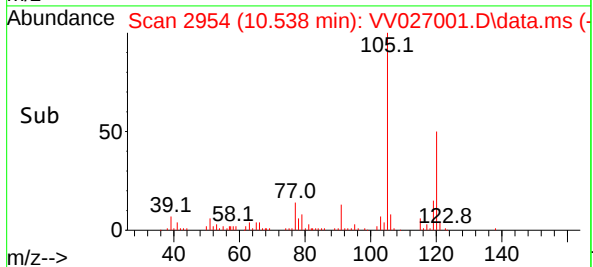
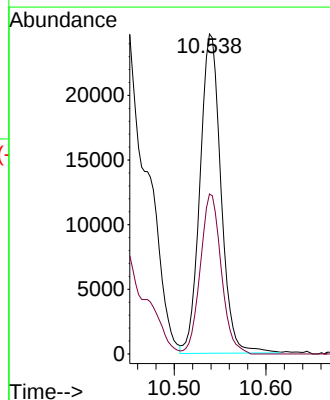
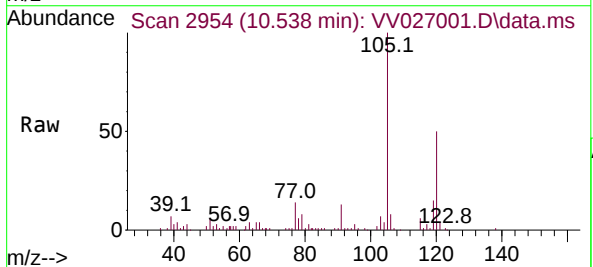
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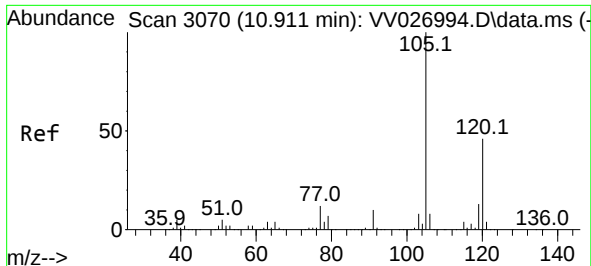
Tgt Ion:104 Resp: 26496
Ion Ratio Lower Upper
104 100
78 46.3 29.6 55.0



#62
1,3,5-Trimethylbenzene
Concen: 2.638 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:105 Resp: 39215
Ion Ratio Lower Upper
105 100
120 50.1 39.8 59.6

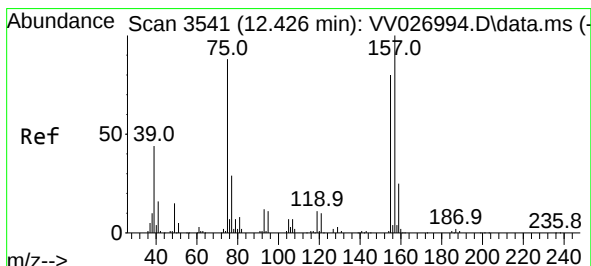
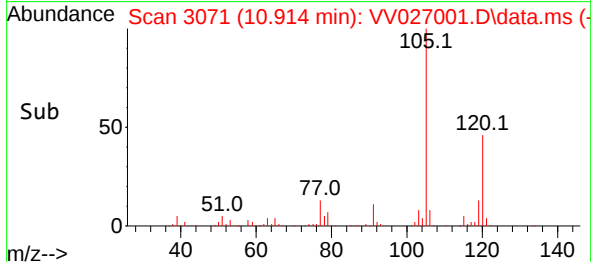
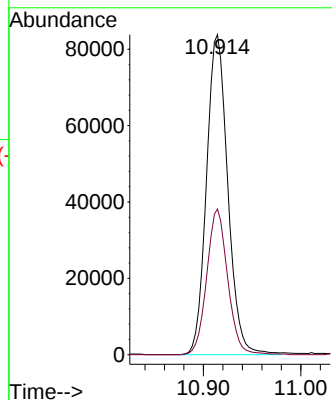
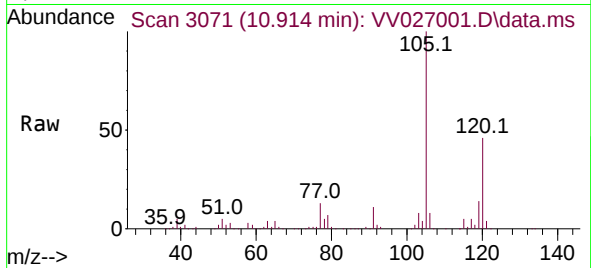




#63
 1,2,4-Trimethylbenzene
 Concen: 8.545 ug/L
 RT: 10.914 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV027001.D
 Acq: 27 Jul 2022 16:08

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUE1

Tgt Ion:105 Resp: 127421
 Ion Ratio Lower Upper
 105 100
 120 44.6 37.1 55.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 7.409 ug/L
 RT: 12.461 min Scan# 3552
 Delta R.T. 0.035 min
 Lab File: VV027001.D
 Acq: 27 Jul 2022 16:08

Tgt Ion: 75 Resp: 12294
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.1 130.7#

