

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
 Data File : VV032121.D
 Acq On : 15 Sep 2023 15:02
 Operator : SY/MD
 Sample : 04359-08 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 02:13:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 16 02:09:37 2023
 Response via : Initial Calibration

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

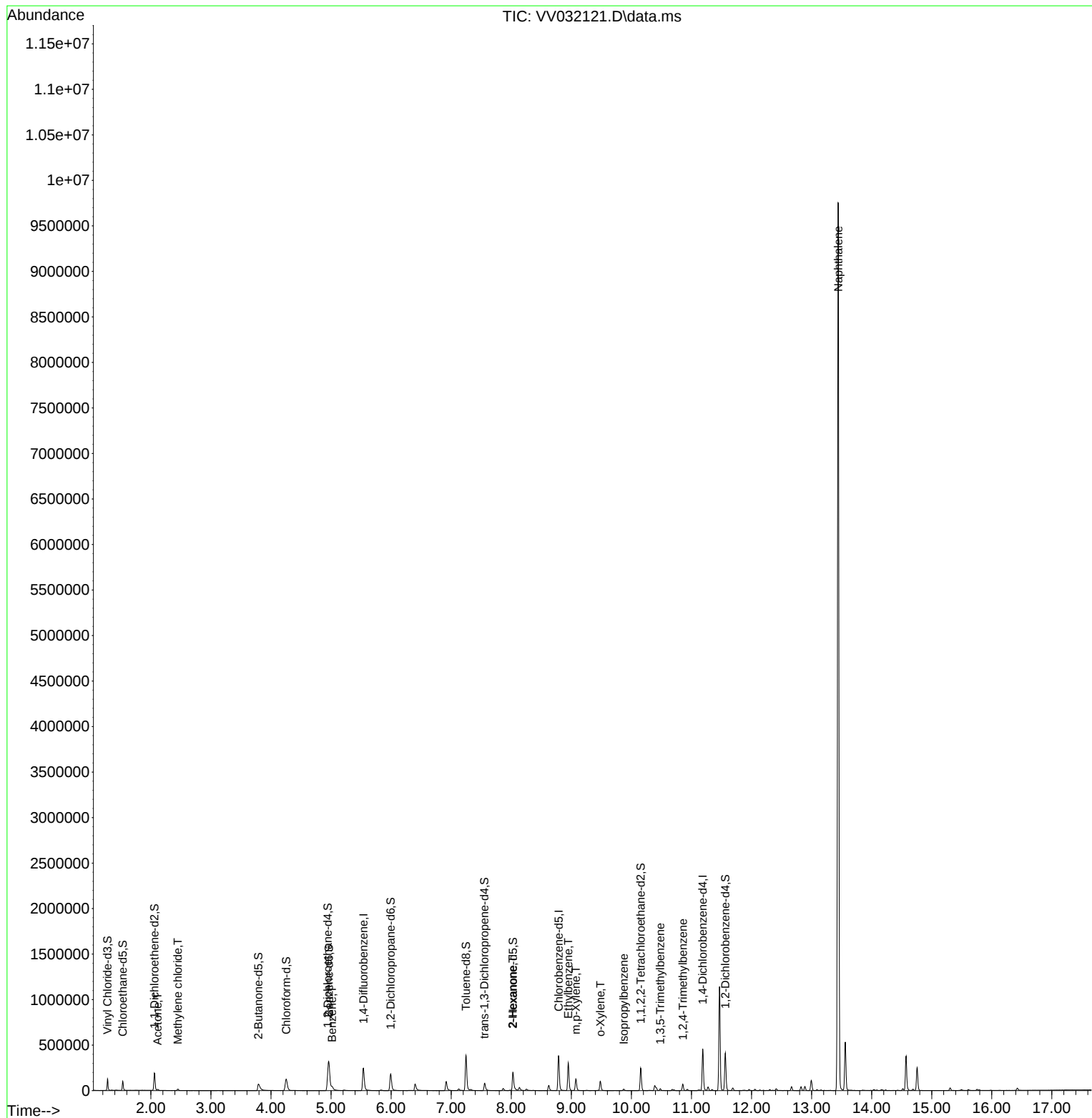
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	215370	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	214244	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	115355	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81563	60.513	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 121.020%			
7) Chloroethane-d5	1.532	69	65650	55.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.120%			
11) 1,1-Dichloroethene-d2	2.060	65	33238	52.664	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.320%			
21) 2-Butanone-d5	3.789	46	105900	99.897	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.900%			
24) Chloroform-d	4.256	84	136778	46.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.860%			
26) 1,2-Dichloroethane-d4	4.944	65	86464	44.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.440%			
32) Benzene-d6	4.963	84	288528	49.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.700%			
36) 1,2-Dichloropropane-d6	5.992	67	93205	49.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.060%			
41) Toluene-d8	7.246	98	259607	48.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.380%			
43) trans-1,3-Dichloroprop...	7.554	79	41050	42.090	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.180%			
47) 2-Hexanone-d5	8.027	63	70491	122.227	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.230%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	122679	50.453	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.900%			
66) 1,2-Dichlorobenzene-d4	11.564	152	103281	49.115	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.220%			
Target Compounds					Qvalue	
13) Acetone	2.114	43	8986	9.524	ug/L	98
16) Methylene chloride	2.449	84	6327	4.362	ug/L	91
33) Benzene	5.018	78	40395	7.017	ug/L	100
48) 2-Hexanone	8.024	43	13762	6.958	ug/L #	59
52) Ethylbenzene	8.950	91	214826	28.640	ug/L	99
53) m,p-Xylene	9.075	106	34991	12.564	ug/L	94
54) o-Xylene	9.484	106	27297	9.855	ug/L	99
60) Isopropylbenzene	9.873	105	10696	1.384	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	10574	1.627	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	37580	5.747	ug/L	100
71) Naphthalene	13.445	128	7109313	918.354	ug/L	98

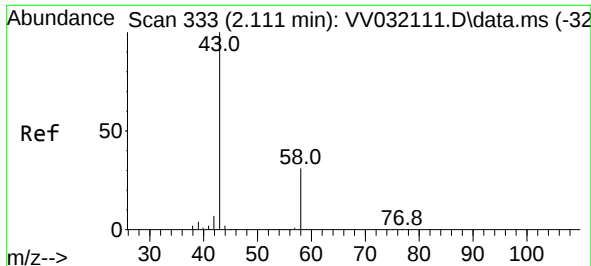
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 16 02:09:37 2023
Response via : Initial Calibration





#13

Acetone

Concen: 9.524 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032121.D

Acq: 15 Sep 2023 15:02

Instrument :

MSVOA_V

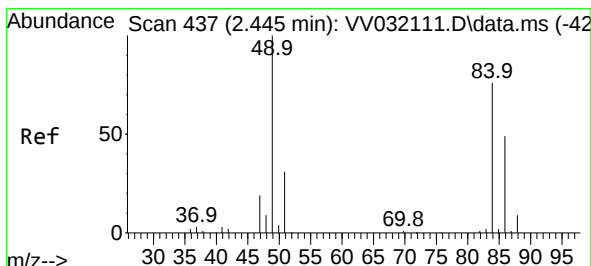
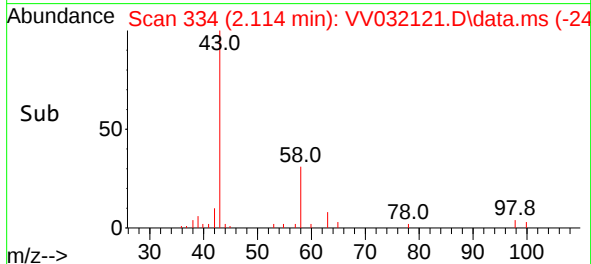
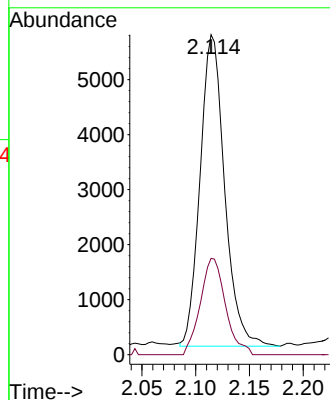
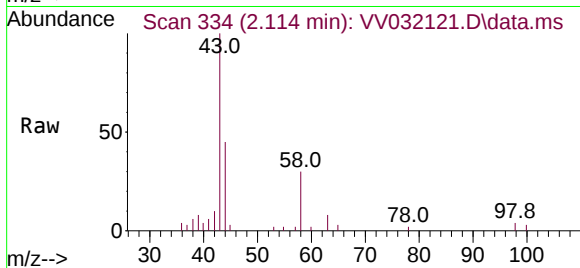
ClientSampleId :

Tgt Ion: 43 Resp: 8986

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.0



#16

Methylene chloride

Concen: 4.362 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV032121.D

Acq: 15 Sep 2023 15:02

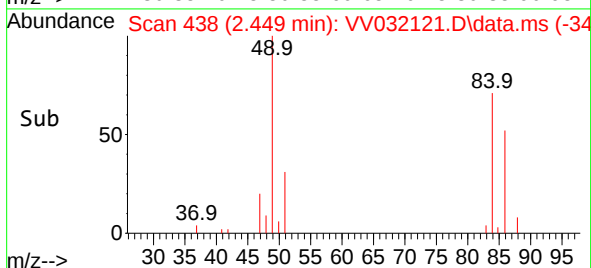
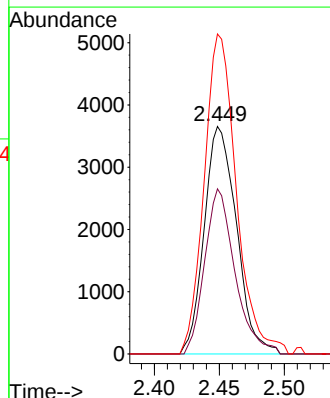
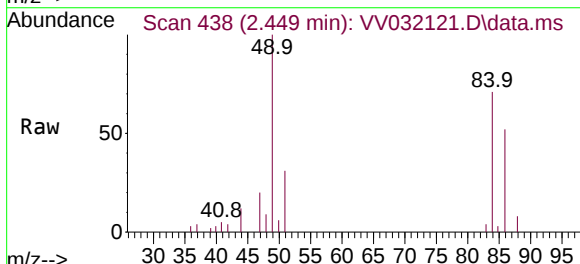
Tgt Ion: 84 Resp: 6327

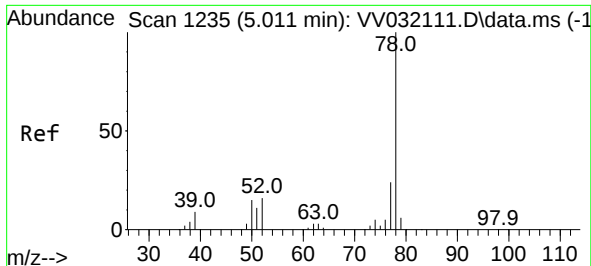
Ion Ratio Lower Upper

84 100

86 72.6 44.6 82.8

49 140.6 91.6 170.2

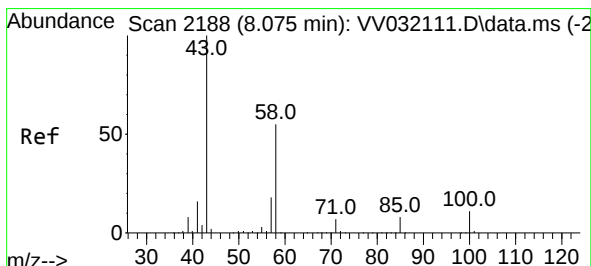
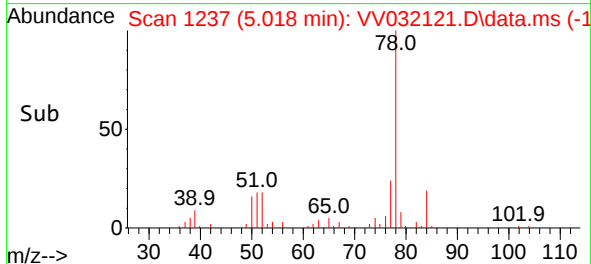
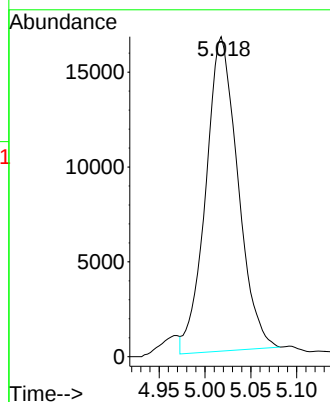
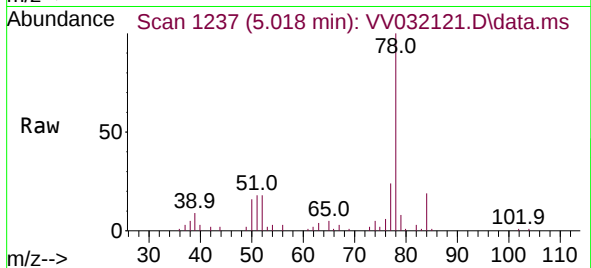




#33
Benzene
Concen: 7.017 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV032121.D
Acq: 15 Sep 2023 15:02

Instrument :
MSVOA_V
ClientSampleId :

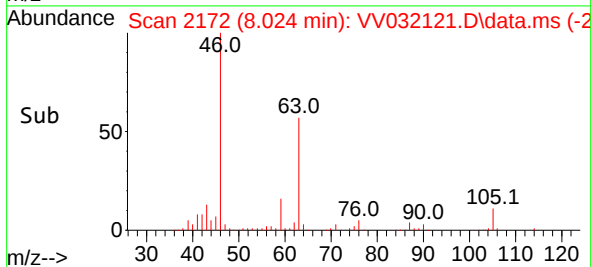
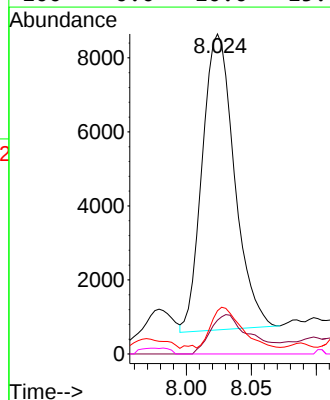
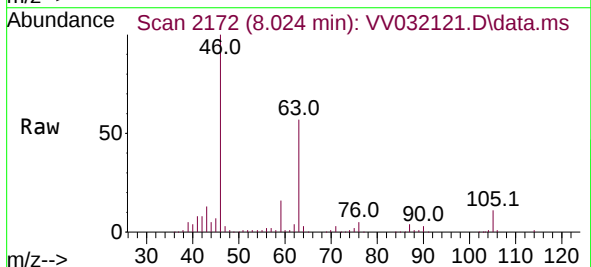
Tgt Ion: 78 Resp: 40395

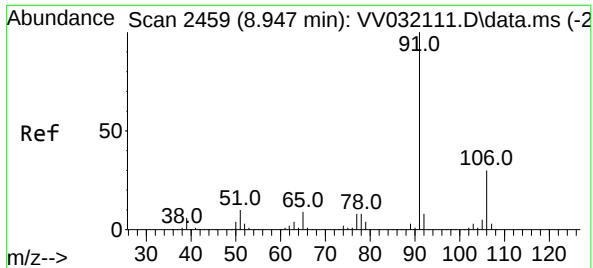


#48
2-Hexanone
Concen: 6.958 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.052 min
Lab File: VV032121.D
Acq: 15 Sep 2023 15:02

Tgt Ion: 43 Resp: 13762

Ion	Ratio	Lower	Upper
43	100		
58	16.7	44.0	66.0#
57	13.7	15.9	23.9#
100	0.0	10.0	15.0#





#52

Ethylbenzene

Concen: 28.640 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV032121.D

Acq: 15 Sep 2023 15:02

Instrument :

MSVOA_V

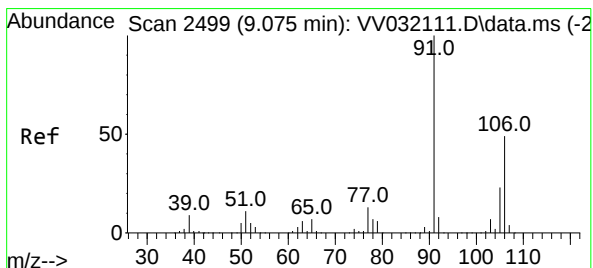
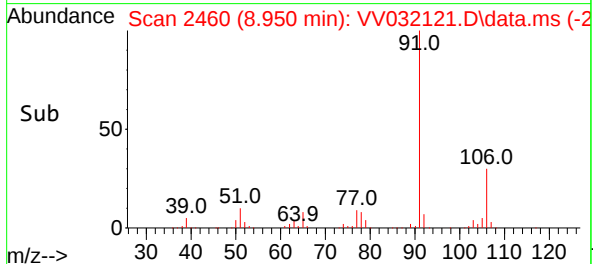
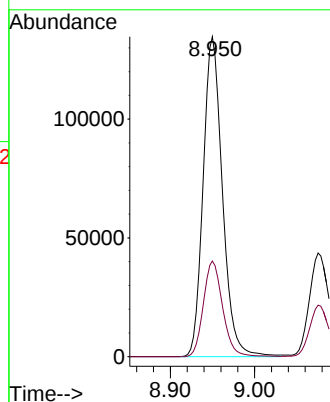
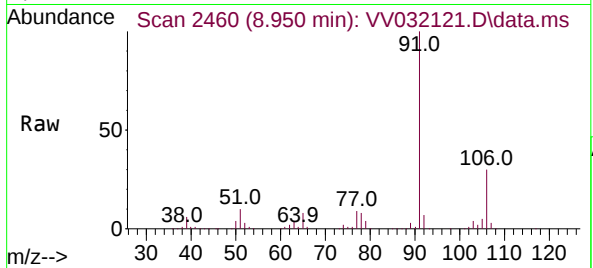
ClientSampleId :

Tgt Ion: 91 Resp: 214826

Ion Ratio Lower Upper

91 100

106 29.9 21.5 39.9



#53

m,p-Xylene

Concen: 12.564 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.000 min

Lab File: VV032121.D

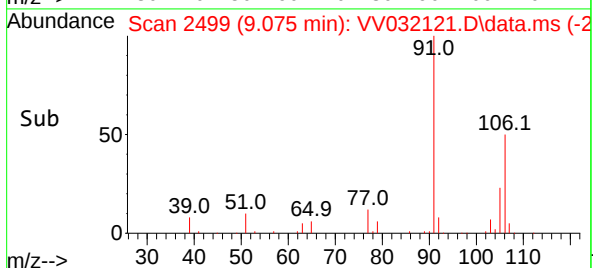
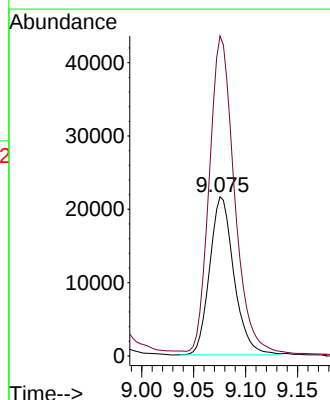
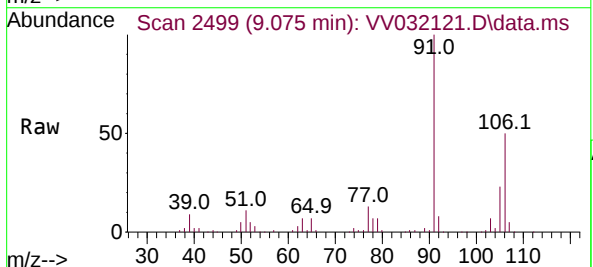
Acq: 15 Sep 2023 15:02

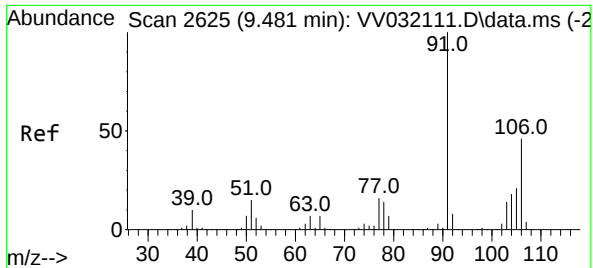
Tgt Ion:106 Resp: 34991

Ion Ratio Lower Upper

106 100

91 200.9 147.0 273.0

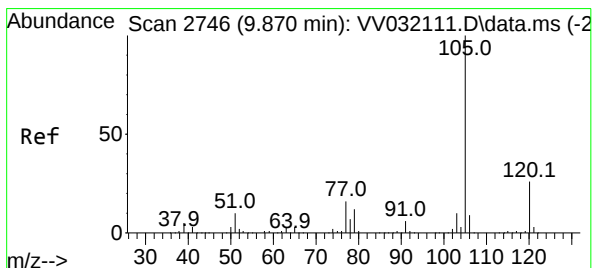
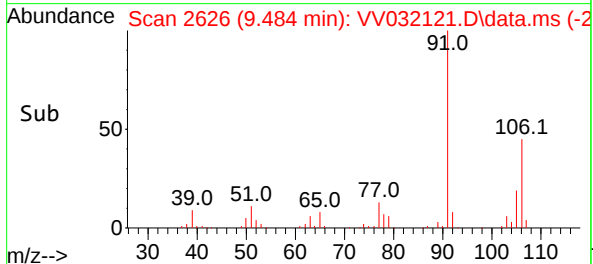
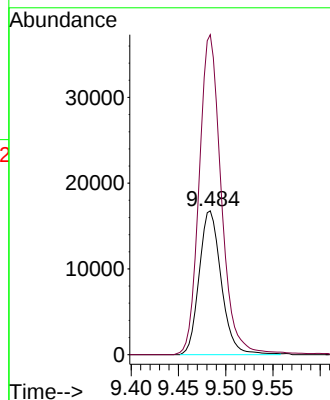
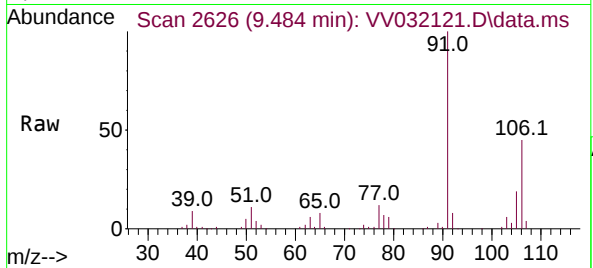




#54
o-Xylene
Concen: 9.855 ug/L
RT: 9.484 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032121.D
Acq: 15 Sep 2023 15:02

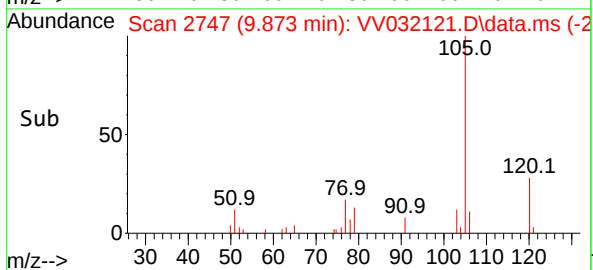
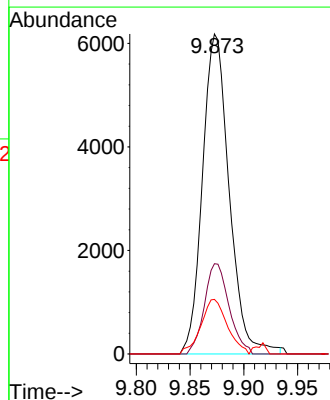
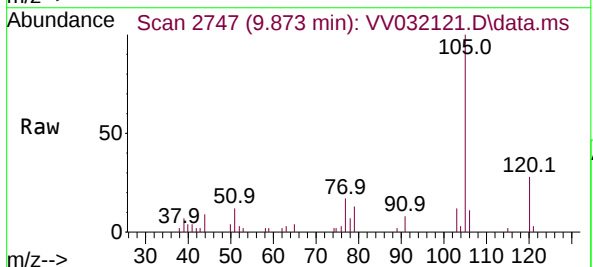
Instrument :
MSVOA_V
ClientSampleId :

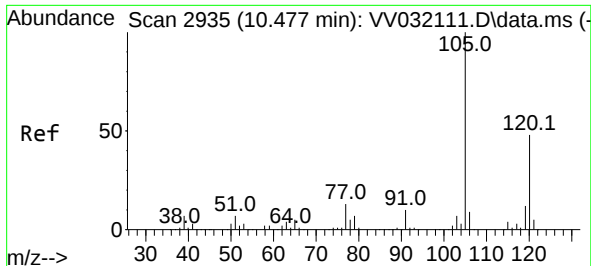
Tgt Ion:106 Resp: 27297
Ion Ratio Lower Upper
106 100
91 222.5 154.3 286.5



#60
Isopropylbenzene
Concen: 1.384 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.003 min
Lab File: VV032121.D
Acq: 15 Sep 2023 15:02

Tgt Ion:105 Resp: 10696
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.8 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 1.627 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032121.D

Acq: 15 Sep 2023 15:02

Instrument :

MSVOA_V

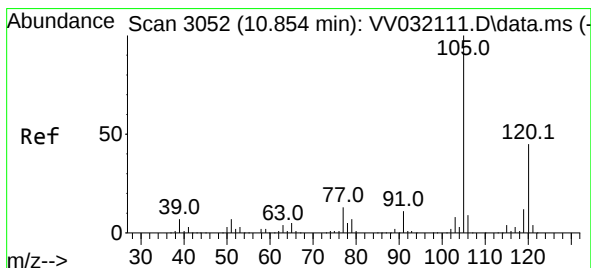
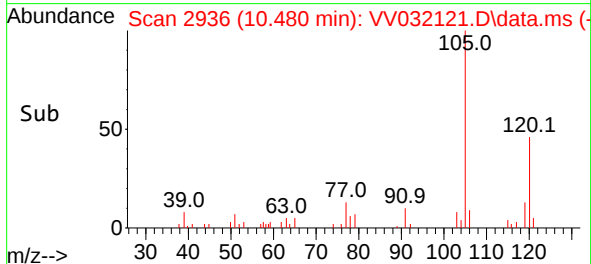
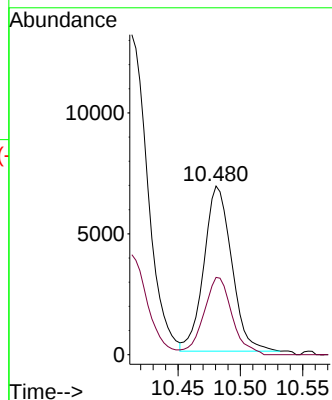
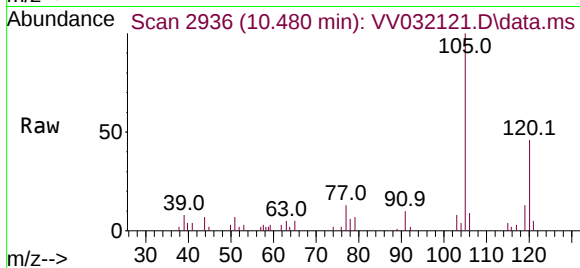
ClientSampleId :

Tgt Ion:105 Resp: 10574

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.747 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032121.D

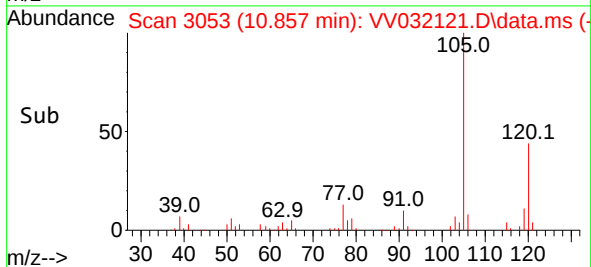
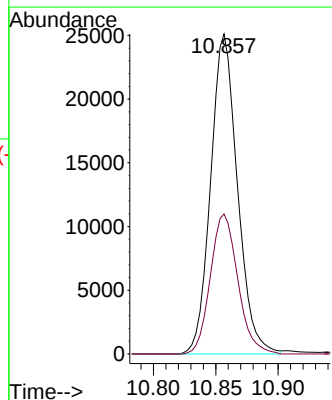
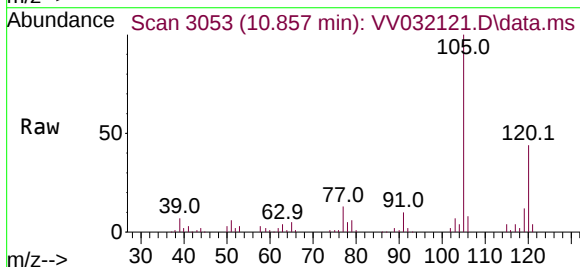
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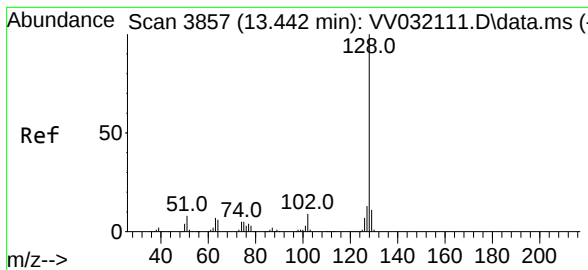
Tgt Ion:105 Resp: 37580

Ion Ratio Lower Upper

105 100

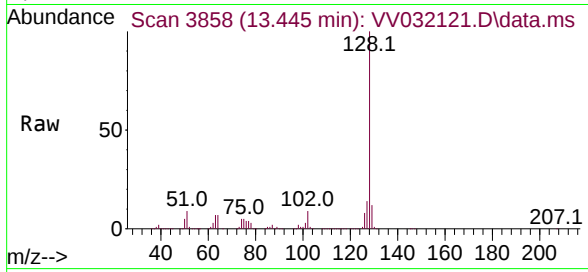
120 44.7 35.9 53.9





#71
Naphthalene
Concen: 918.354 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032121.D
Acq: 15 Sep 2023 15:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 7109313
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.6 8.7 13.1

