

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028461.D
 Acq On : 09 Oct 2022 01:03
 Operator : SY/MD
 Sample : N4923-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10011

Quant Time: Oct 10 02:26:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

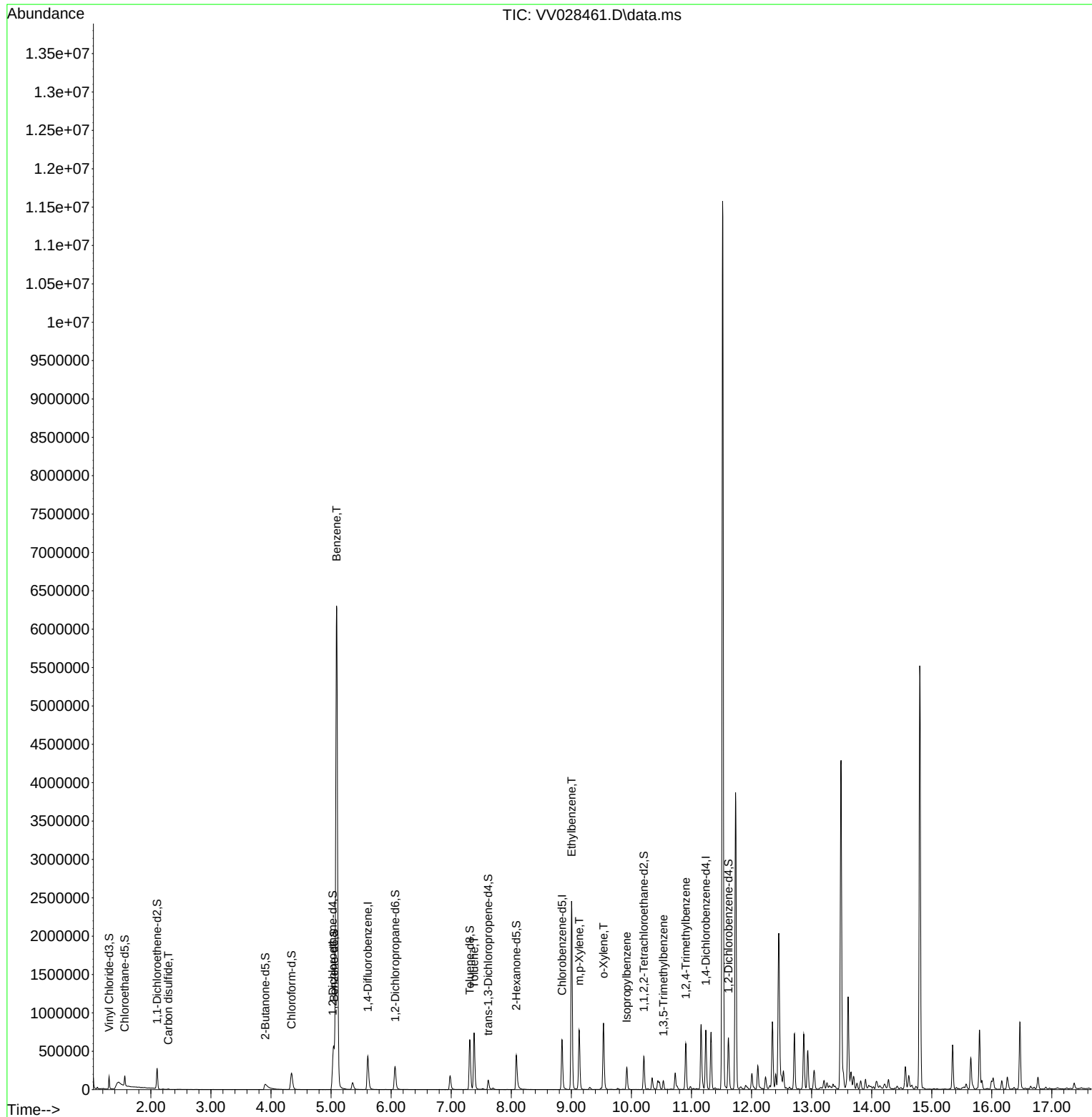
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	371751	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	346834	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	183367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96797	33.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.500%		
7) Chloroethane-d5	1.564	69	79855	35.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.220%		
11) 1,1-Dichloroethene-d2	2.105	63	137656	28.197	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.400%#		
21) 2-Butanone-d5	3.905	46	210320	83.758	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.760%		
24) Chloroform-d	4.342	84	225088	42.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.580%		
26) 1,2-Dichloroethane-d4	5.027	65	153299	45.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
32) Benzene-d6	5.047	84	471834	42.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.920%		
36) 1,2-Dichloropropane-d6	6.066	67	147426	40.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.380%		
41) Toluene-d8	7.310	98	428956	43.110	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.220%		
43) trans-1,3-Dichloroprop...	7.616	79	71802	38.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.760%		
47) 2-Hexanone-d5	8.085	63	179117	90.870	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.870%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	202220	40.783	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.560%		
66) 1,2-Dichlorobenzene-d4	11.615	152	159437	41.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.920%		
Target Compounds						Qvalue
14) Carbon disulfide	2.291	76	8106	1.166	ug/L	# 95
33) Benzene	5.092	78	6239496	546.983	ug/L	100
42) Toluene	7.381	91	530481	45.117	ug/L	100
52) Ethylbenzene	9.005	91	1656156	129.233	ug/L	99
53) m,p-Xylene	9.130	106	210377	43.311	ug/L	99
54) o-Xylene	9.535	106	217110	44.640	ug/L	98
60) Isopropylbenzene	9.924	105	178292	13.493	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	59724	5.219	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	309285	27.228	ug/L	100

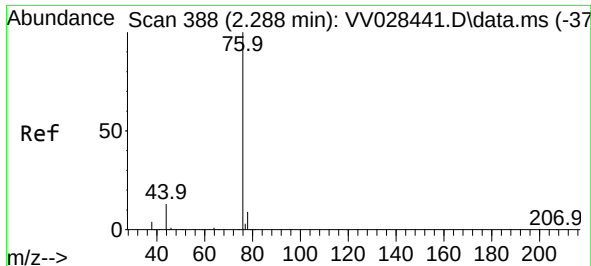
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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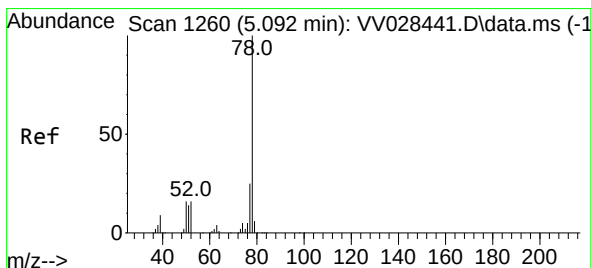
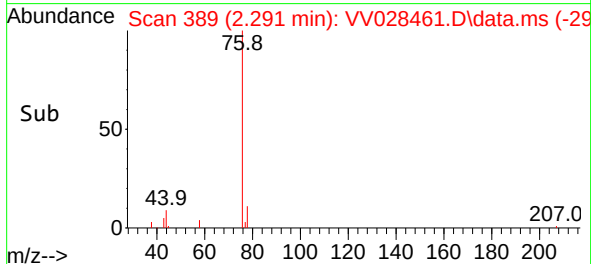
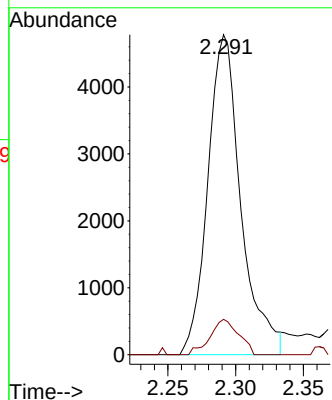
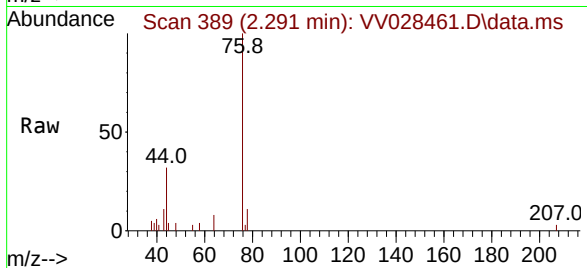




#14
Carbon disulfide
Concen: 1.166 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028461.D
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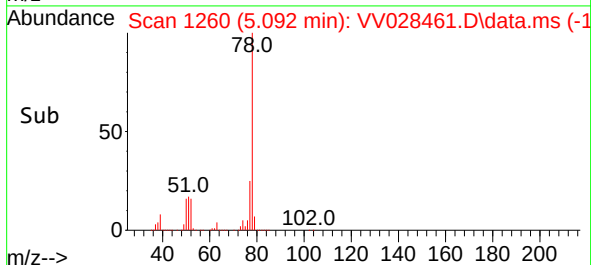
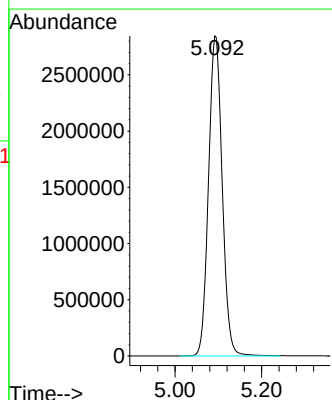
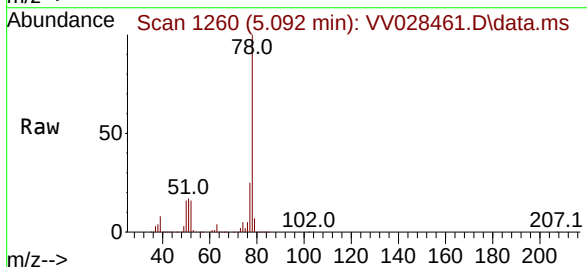
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MSVOA_V
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E10011

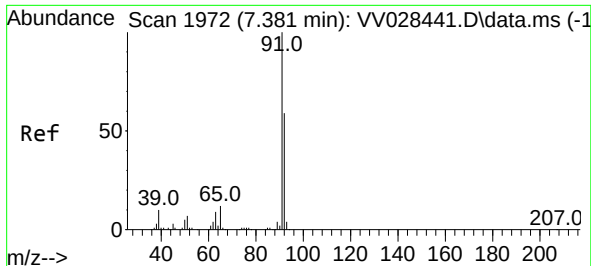
Tgt Ion: 76 Resp: 8106
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0#



#33
Benzene
Concen: 546.983 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion: 78 Resp: 6239496





#42

Toluene

Concen: 45.117 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV028461.D

Acq: 09 Oct 2022 01:03

Instrument :

MSVOA_V

ClientSampleId :

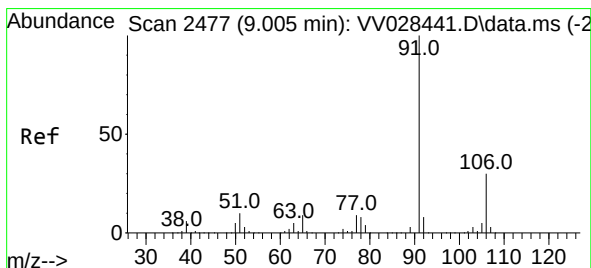
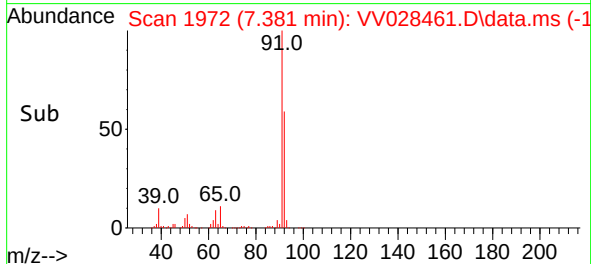
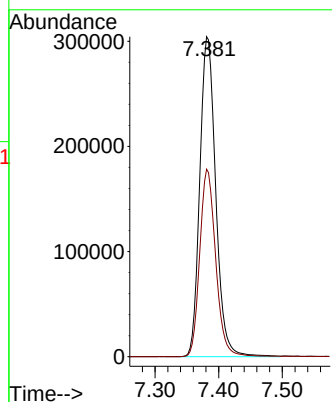
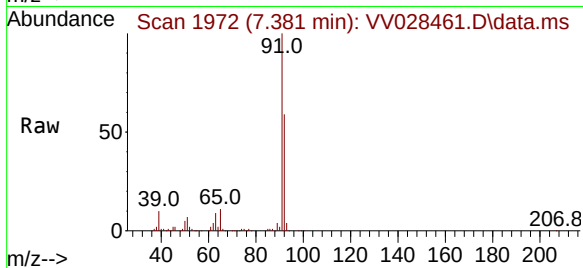
E10011

Tgt Ion: 91 Resp: 530481

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



#52

Ethylbenzene

Concen: 129.233 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV028461.D

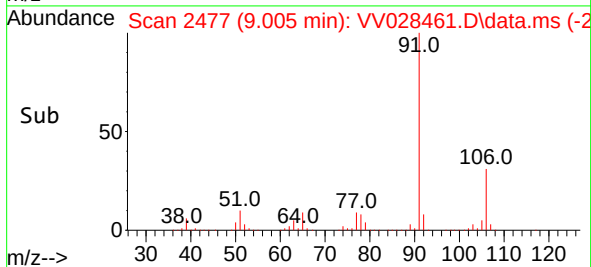
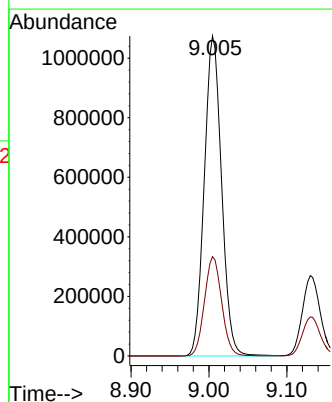
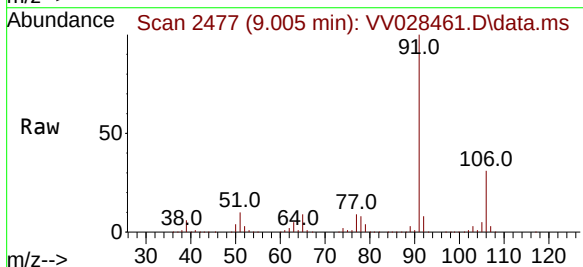
Acq: 09 Oct 2022 01:03

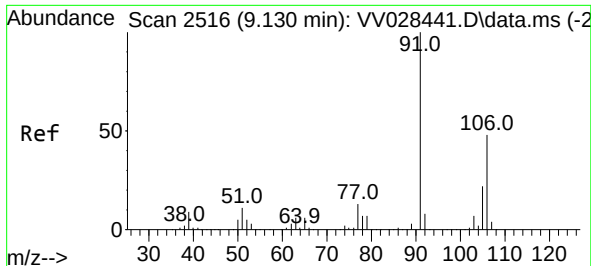
Tgt Ion: 91 Resp: 1656156

Ion Ratio Lower Upper

91 100

106 31.0 21.4 39.8

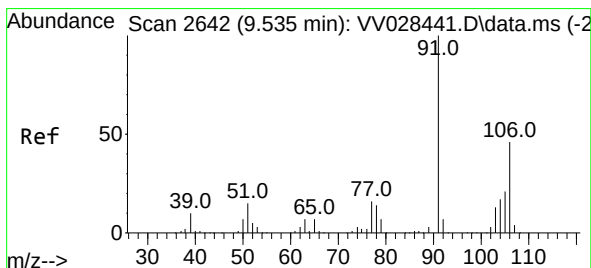
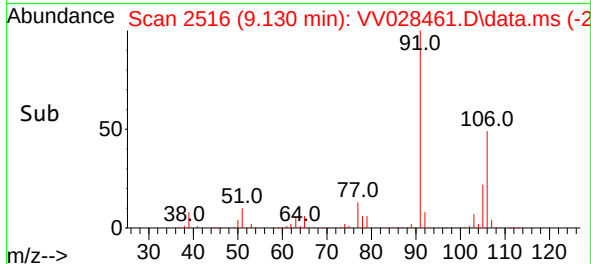
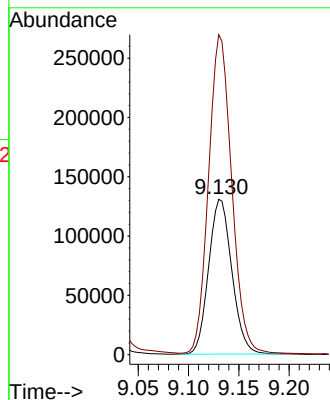
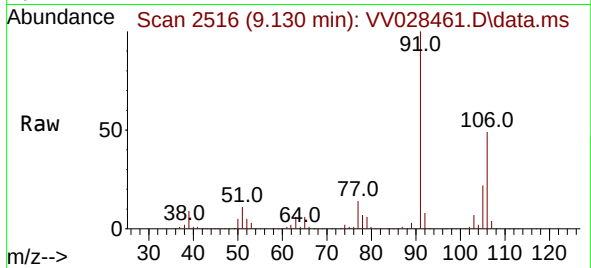




#53
m,p-Xylene
Concen: 43.311 ug/L
RT: 9.130 min Scan# 210377
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

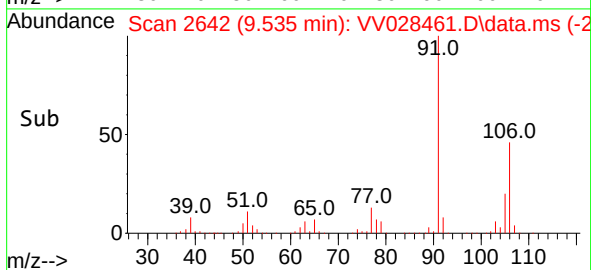
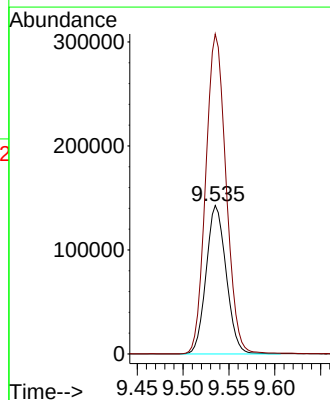
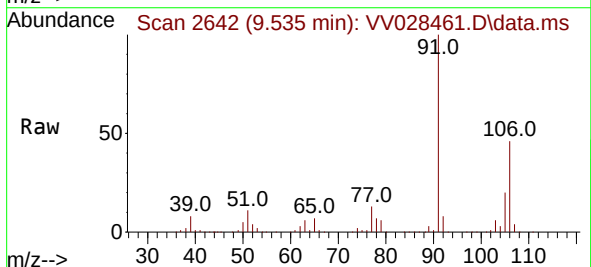
Instrument :
MSVOA_V
ClientSampleId :
E10011

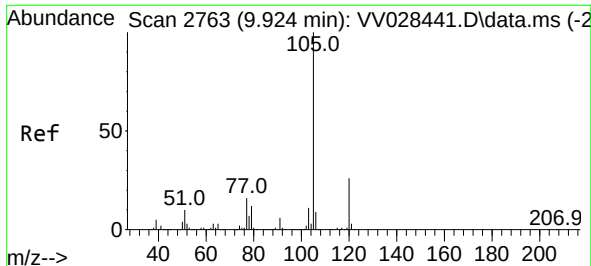
Tgt Ion:106 Resp: 210377
Ion Ratio Lower Upper
106 100
91 205.9 145.2 269.6



#54
o-Xylene
Concen: 44.640 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion:106 Resp: 217110
Ion Ratio Lower Upper
106 100
91 215.5 152.5 283.3

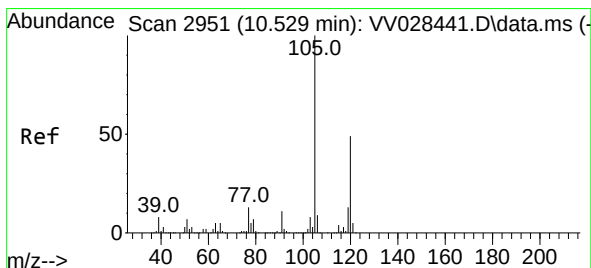
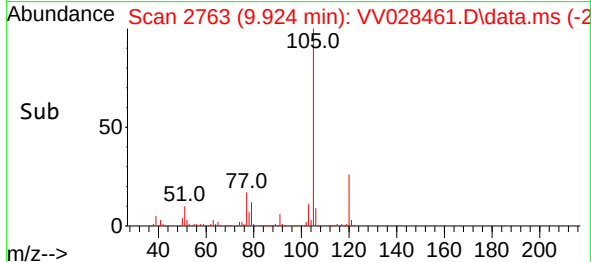
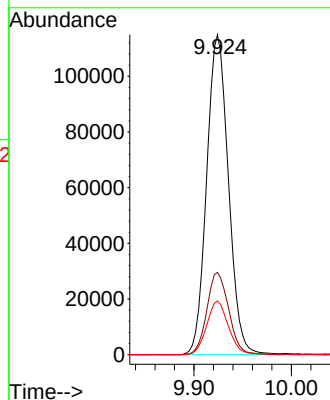
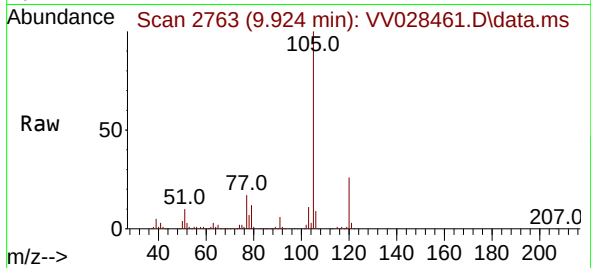




#60
Isopropylbenzene
Concen: 13.493 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

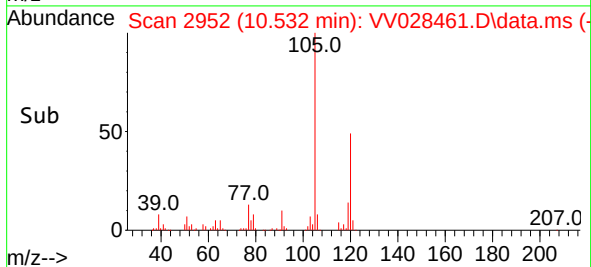
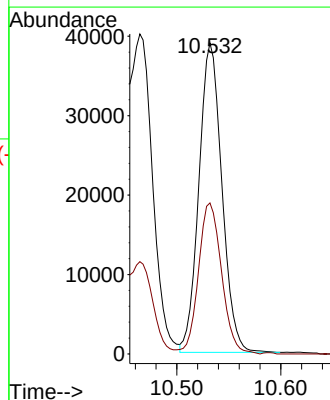
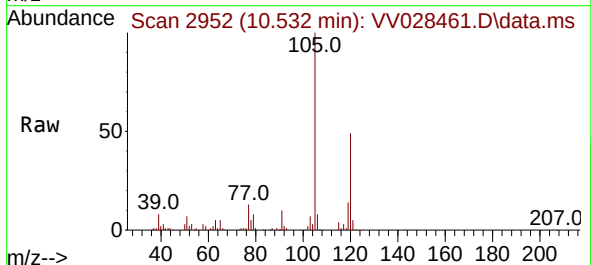
Instrument :
MSVOA_V
ClientSampleId :
E10011

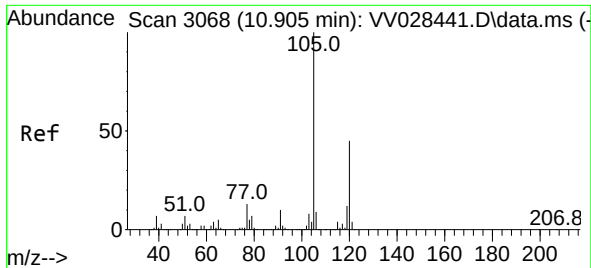
Tgt Ion:105 Resp: 178292
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.8 12.7 19.1



#62
1,3,5-Trimethylbenzene
Concen: 5.219 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion:105 Resp: 59724
Ion Ratio Lower Upper
105 100
120 49.0 39.1 58.7





#63
 1,2,4-Trimethylbenzene
 Concen: 27.228 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV028461.D
 Acq: 09 Oct 2022 01:03

Instrument :
 MSVOA_V
 ClientSampleId :
 E10011

Tgt Ion:105 Resp: 309285
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.9 53.9

