

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
 Data File : VV032163.D
 Acq On : 22 Sep 2023 15:58
 Operator : SY/MD
 Sample : 04527-03
 Misc : 5.96g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 01:26:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 23 01:24:00 2023
 Response via : Initial Calibration

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

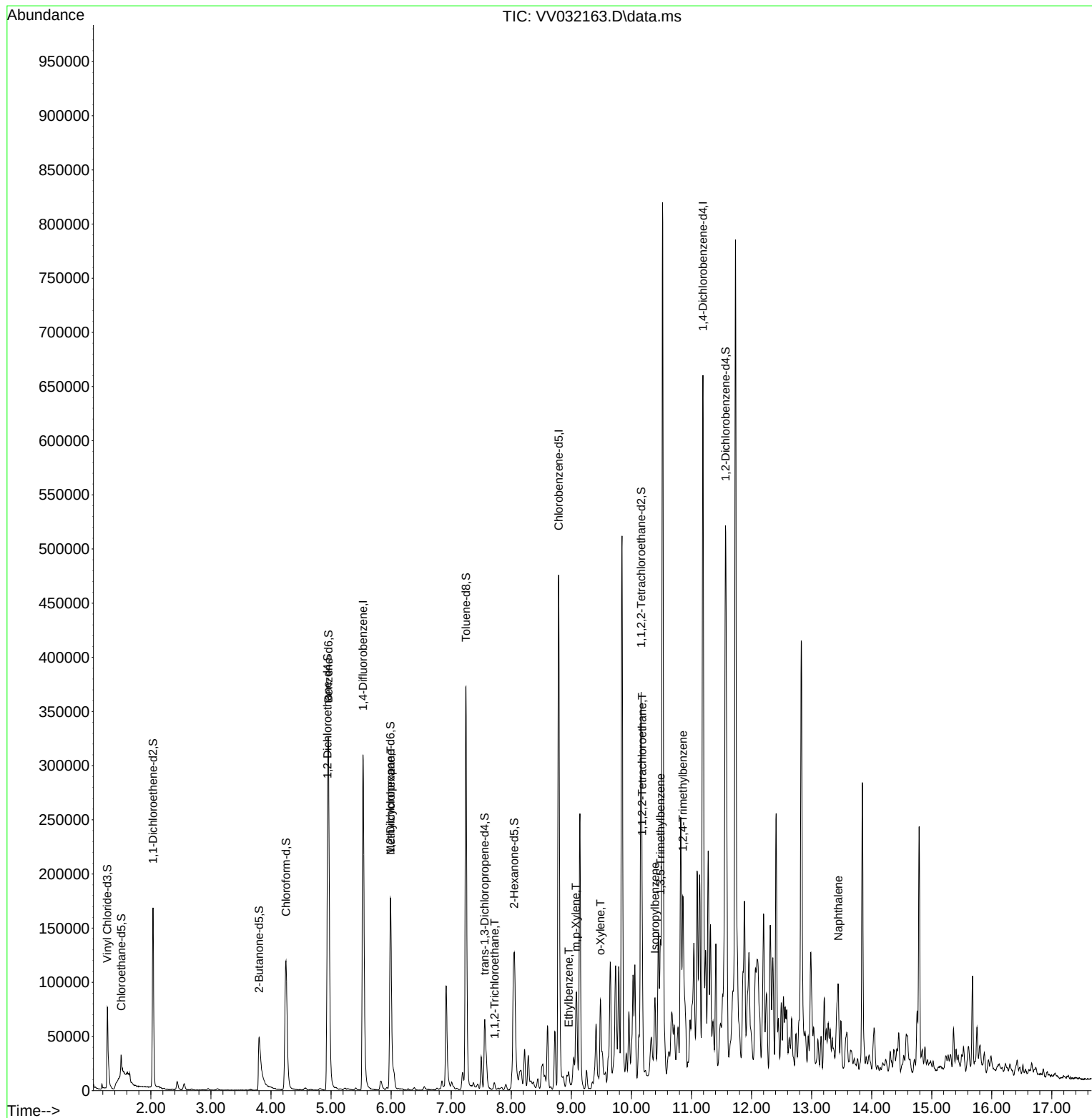
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	285536	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	279272	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	151060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68675	38.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.860%		
7) Chloroethane-d5	1.507	69	18083	11.544	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	23.080%#		
11) 1,1-Dichloroethene-d2	2.037	65	28778	34.392	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.780%		
21) 2-Butanone-d5	3.802	46	104026	74.016	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.020%		
24) Chloroform-d	4.249	84	136300	34.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.800%#		
26) 1,2-Dichloroethane-d4	4.940	65	88348	34.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.160%#		
32) Benzene-d6	4.957	84	282629	37.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.180%		
36) 1,2-Dichloropropane-d6	5.989	67	95558	38.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.920%		
41) Toluene-d8	7.246	98	253641	36.123	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.240%#		
43) trans-1,3-Dichloroprop...	7.558	79	43389	34.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.260%		
47) 2-Hexanone-d5	8.046	63	74623	99.263	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.260%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	129780	40.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.900%		
66) 1,2-Dichlorobenzene-d4	11.567	152	105794	38.418	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.840%#		
Target Compounds						Qvalue
35) Methylcyclohexane	5.992	83	21277	6.970	ug/L #	19
45) 1,1,2-Trichloroethane	7.722	97	2484	1.156	ug/L #	20
52) Ethylbenzene	8.956	91	10294	1.053	ug/L	98
53) m,p-Xylene	9.079	106	18225	5.020	ug/L	97
54) o-Xylene	9.484	106	19852	5.498	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	8804	2.894	ug/L #	49
60) Isopropylbenzene	10.394	105	21035	2.079	ug/L	94
62) 1,3,5-Trimethylbenzene	10.484	105	53359	6.269	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	66361	7.750	ug/L	100
71) Naphthalene	13.445	128	41845	4.128	ug/L #	94

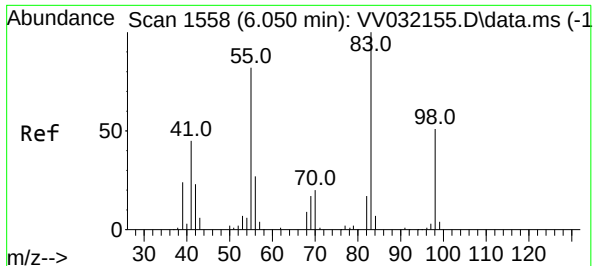
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 23 01:24:00 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 6.970 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV032163.D

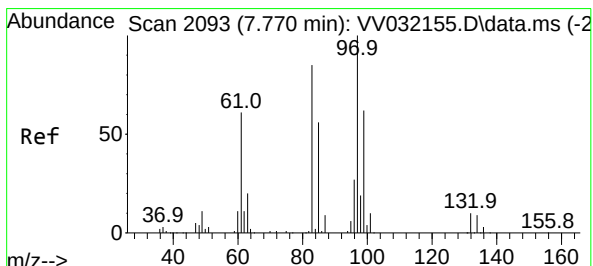
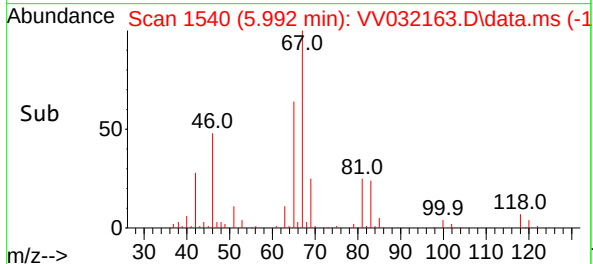
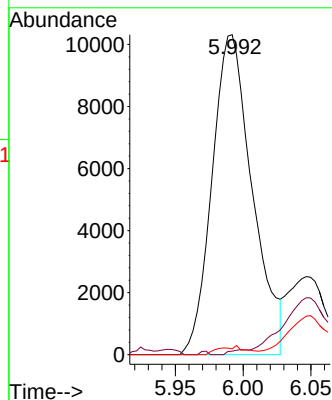
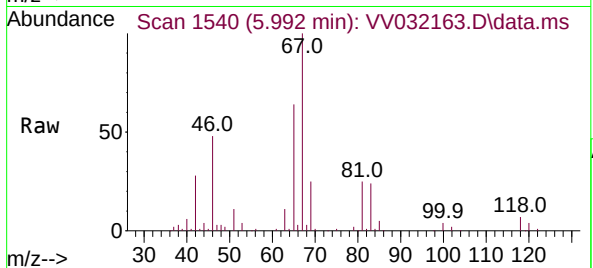
Acq: 22 Sep 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 21277
Ion Ratio	Lower Upper
83	100
55	0.8 62.2 93.2#
98	0.4 36.7 55.1#



#45

1,1,2-Trichloroethane

Concen: 1.156 ug/L

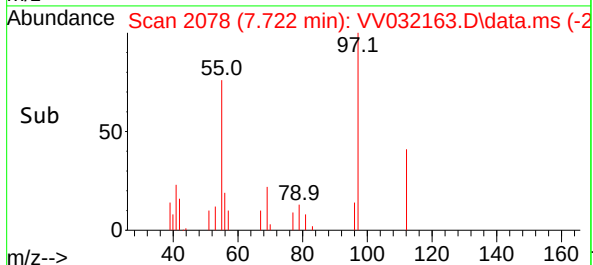
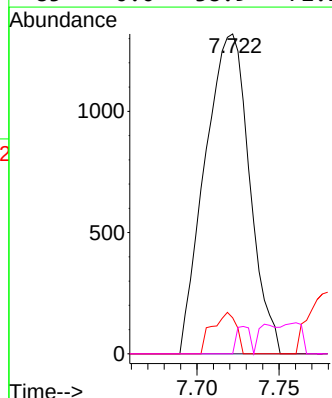
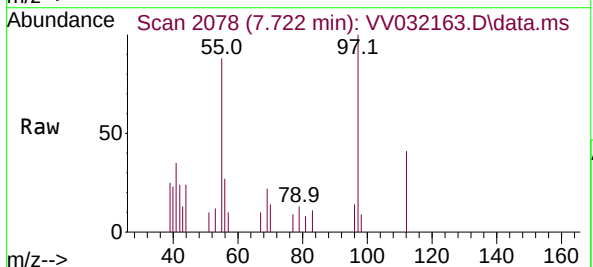
RT: 7.722 min Scan# 2078

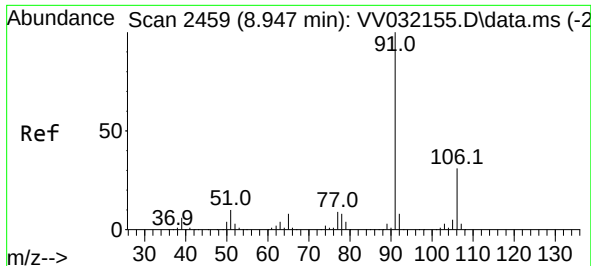
Delta R.T. -0.048 min

Lab File: VV032163.D

Acq: 22 Sep 2023 15:58

Tgt Ion: 97	Resp: 2484
Ion Ratio	Lower Upper
97	100
99	0.0 43.0 79.8#
83	11.3 61.2 113.6#
85	0.0 38.9 72.2#





#52

Ethylbenzene

Concen: 1.053 ug/L

RT: 8.956 min Scan# 24

Delta R.T. 0.010 min

Lab File: VV032163.D

Acq: 22 Sep 2023 15:58

Instrument :

MSVOA_V

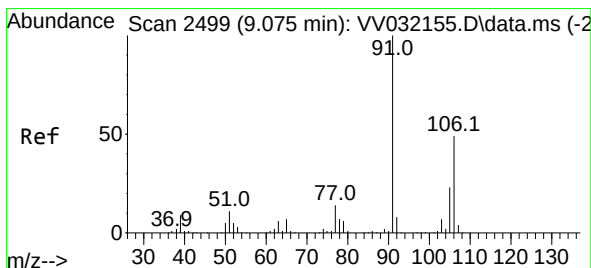
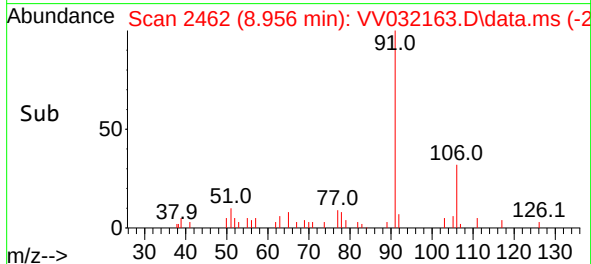
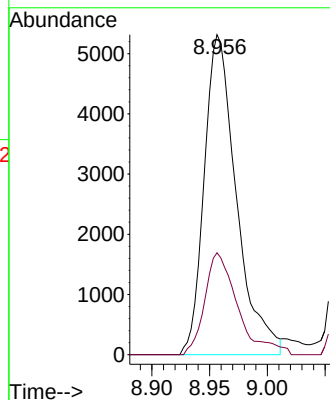
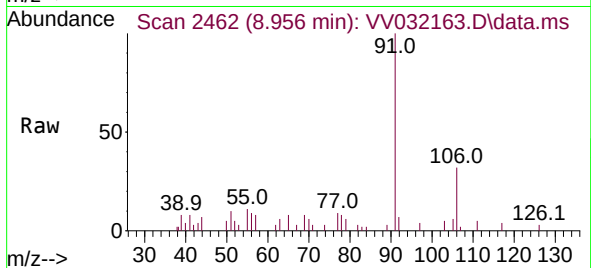
ClientSampleId :

Tgt Ion: 91 Resp: 10294

Ion Ratio Lower Upper

91 100

106 31.8 21.5 39.9



#53

m,p-Xylene

Concen: 5.020 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.003 min

Lab File: VV032163.D

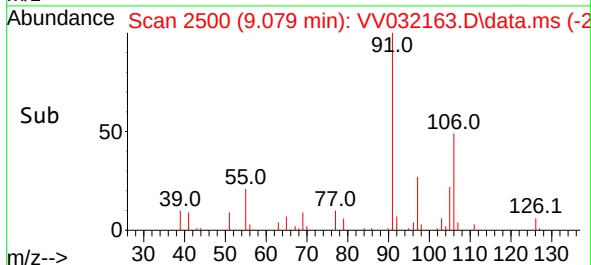
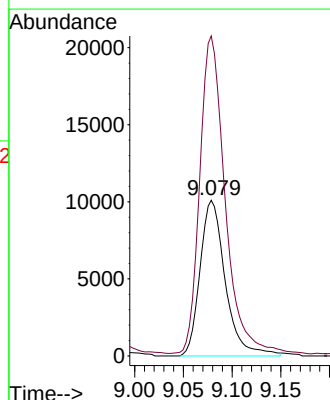
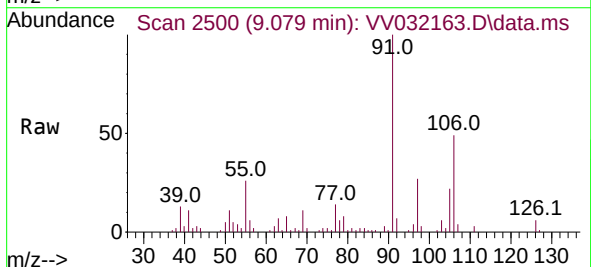
Acq: 22 Sep 2023 15:58

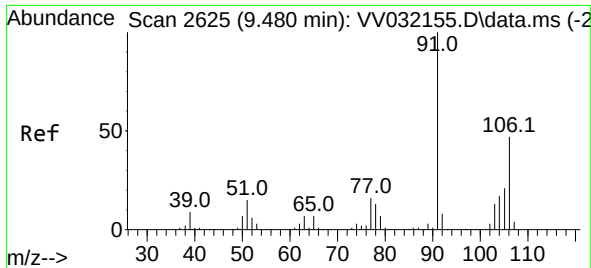
Tgt Ion: 106 Resp: 18225

Ion Ratio Lower Upper

106 100

91 205.6 147.0 273.0

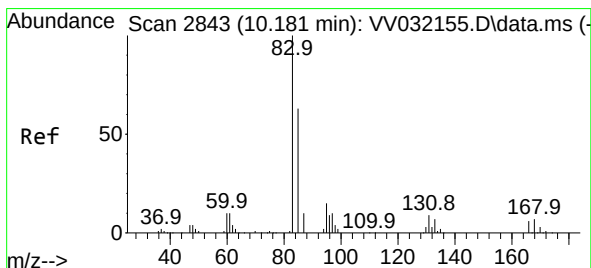
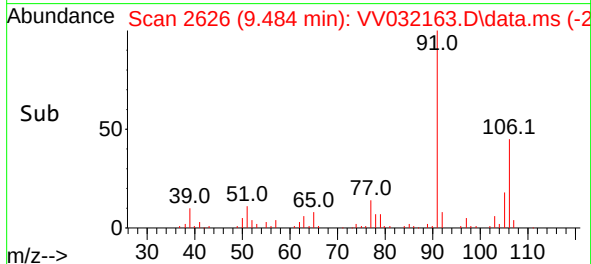
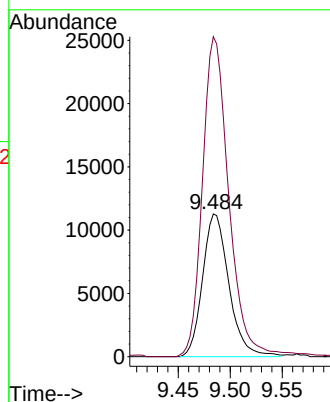
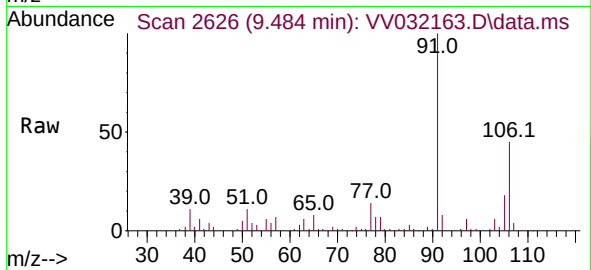




#54
o-Xylene
Concen: 5.498 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032163.D
Acq: 22 Sep 2023 15:58

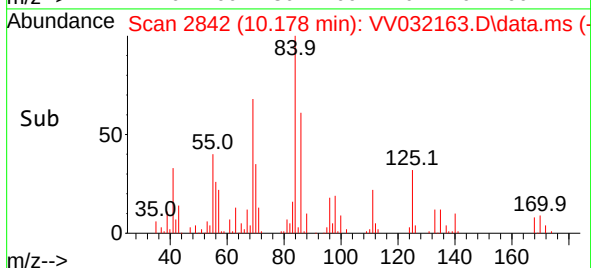
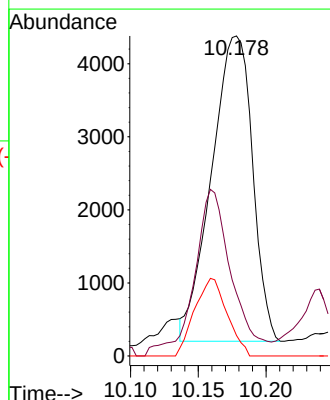
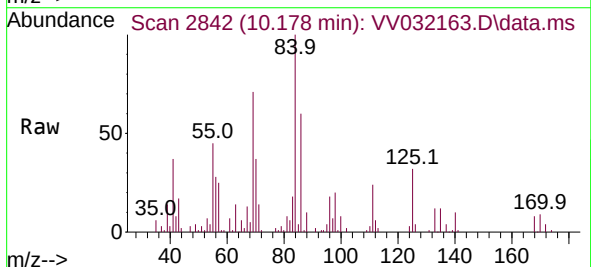
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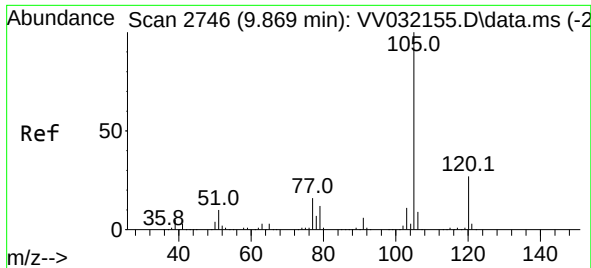
Tgt Ion:106 Resp: 19852
Ion Ratio Lower Upper
106 100
91 224.2 154.3 286.5



#57
1,1,2,2-Tetrachloroethane
Concen: 2.894 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032163.D
Acq: 22 Sep 2023 15:58

Tgt Ion: 83 Resp: 8804
Ion Ratio Lower Upper
83 100
85 19.6 45.1 83.9#
131 6.4 7.4 11.2#

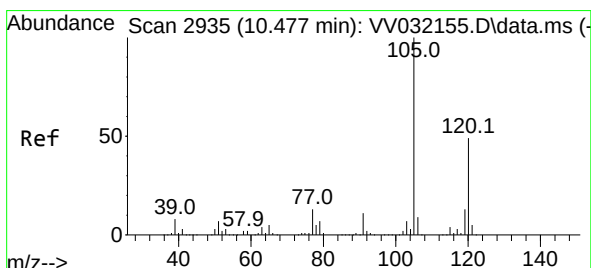
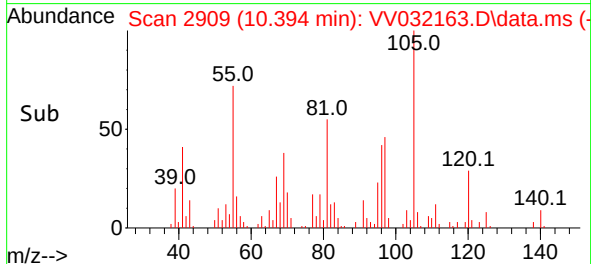
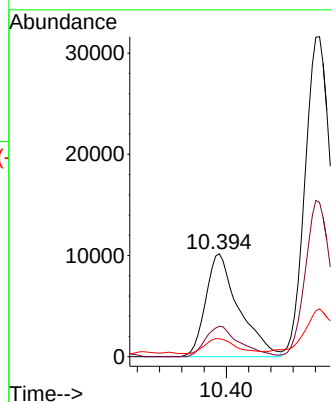
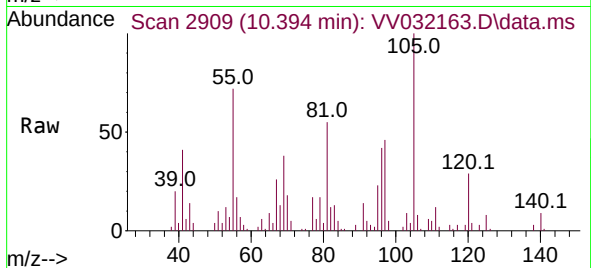




#60
Isopropylbenzene
Concen: 2.079 ug/L
RT: 10.394 min Scan# 2909
Delta R.T. 0.524 min
Lab File: VV032163.D
Acq: 22 Sep 2023 15:58

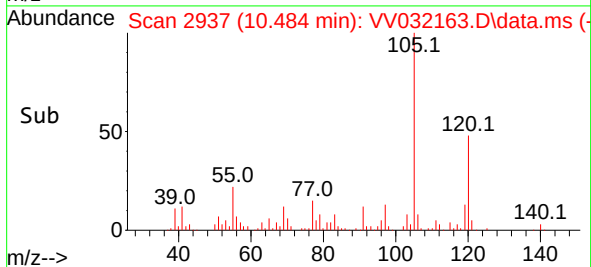
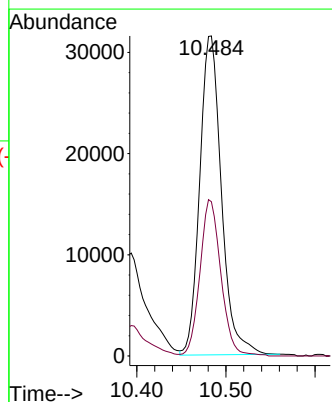
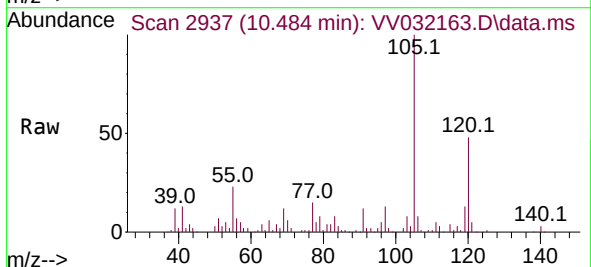
Instrument :
MSVOA_V
ClientSampleId :

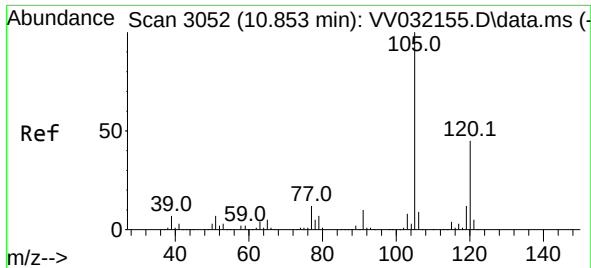
Tgt Ion:105 Resp: 21035
Ion Ratio Lower Upper
105 100
120 30.1 20.6 31.0
77 16.9 12.8 19.2



#62
1,3,5-Trimethylbenzene
Concen: 6.269 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VV032163.D
Acq: 22 Sep 2023 15:58

Tgt Ion:105 Resp: 53359
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.4

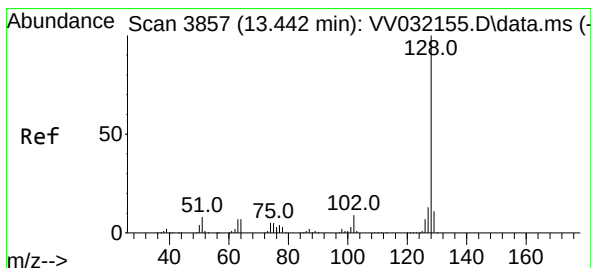
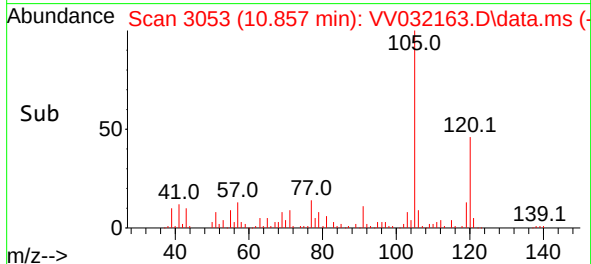
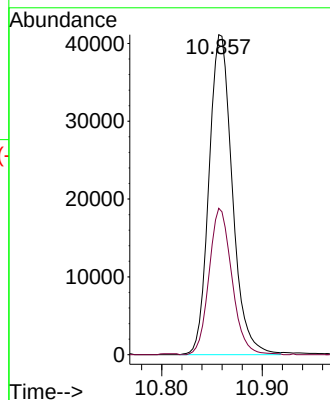
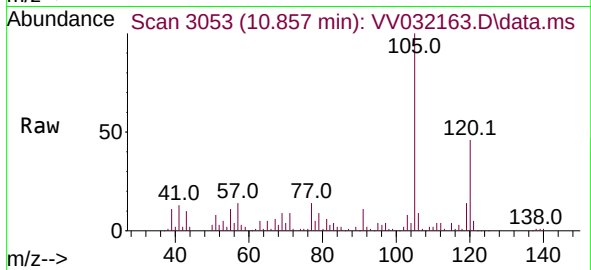




#63
 1,2,4-Trimethylbenzene
 Concen: 7.750 ug/L
 RT: 10.857 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV032163.D
 Acq: 22 Sep 2023 15:58

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 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 66361
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.9 53.9



#71
 Naphthalene
 Concen: 4.128 ug/L
 RT: 13.445 min Scan# 3858
 Delta R.T. 0.003 min
 Lab File: VV032163.D
 Acq: 22 Sep 2023 15:58

Tgt Ion:128 Resp: 41845
 Ion Ratio Lower Upper
 128 100
 127 11.6 10.4 15.6
 129 14.4 8.7 13.1#

