

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024258.D
 Acq On : 31 Dec 2021 02:34
 Operator : SY/MD
 Sample : M5213-06DL 200X
 Misc : 6.00G/5.0mL/100uL//5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 06:18:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

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

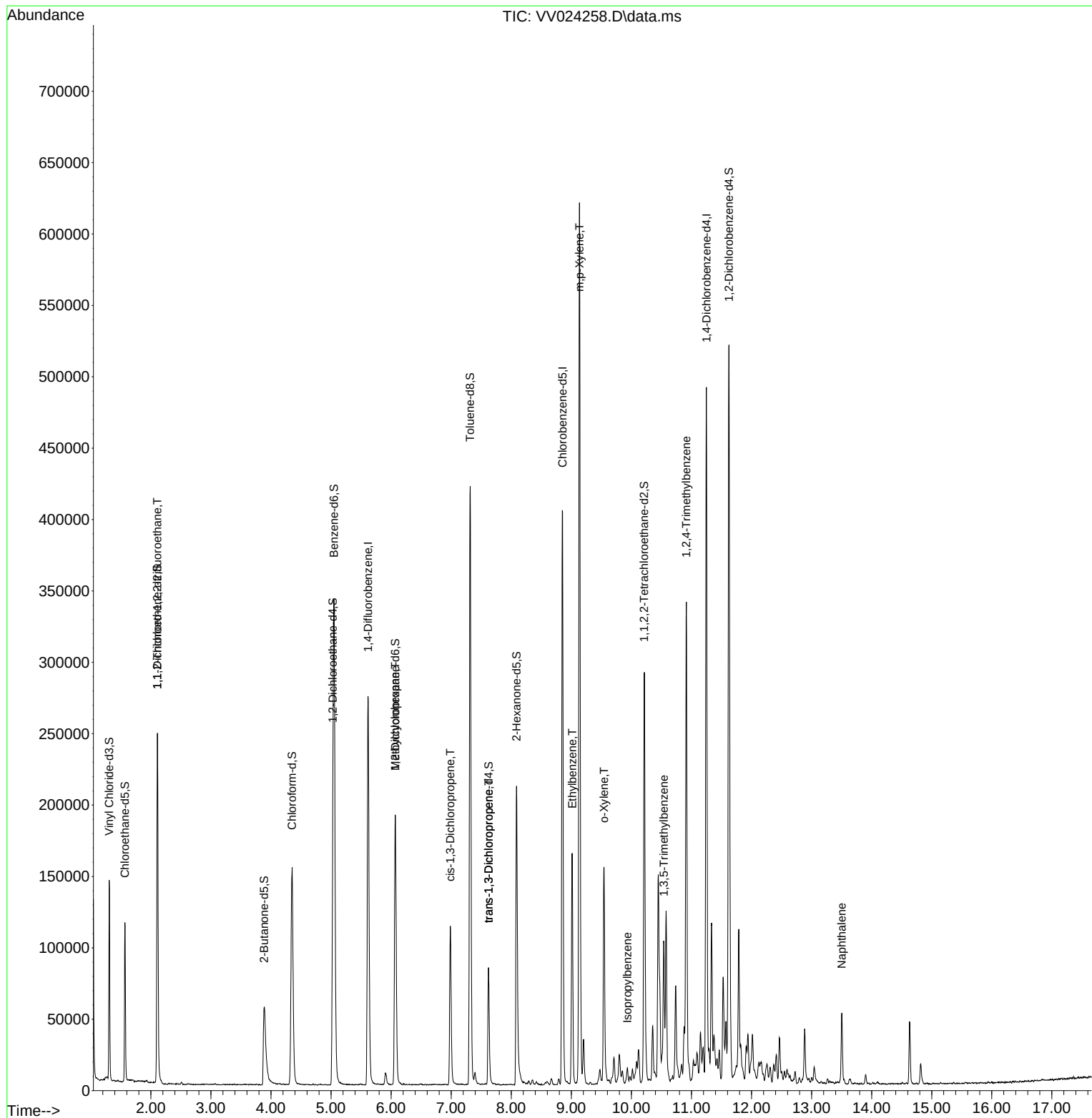
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	238970	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	224287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	84717	49.259	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.520%			
7) Chloroethane-d5	1.568	69	65786	50.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.700%			
11) 1,1-Dichloroethene-d2	2.108	63	122889	38.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.460%			
21) 2-Butanone-d5	3.886	46	89331	93.228	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.230%			
24) Chloroform-d	4.349	84	151636	48.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.480%			
26) 1,2-Dichloroethane-d4	5.030	65	106269	50.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.000%			
32) Benzene-d6	5.050	84	295562	50.498	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.069	67	82824	50.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.980%			
41) Toluene-d8	7.317	98	276663	48.821	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.640%			
43) trans-1,3-Dichloroprop...	7.622	79	44577	47.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.380%			
47) 2-Hexanone-d5	8.088	63	68793	96.532	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.530%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	113404	48.378	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.760%			
66) 1,2-Dichlorobenzene-d4	11.622	152	126965	51.161	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.320%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1250	0.830	ug/L #	16
35) Methylcyclohexane	6.069	83	22557	9.671	ug/L #	21
39) cis-1,3-Dichloropropene	6.985	75	3160	1.401	ug/L #	74
44) trans-1,3-Dichloropropene	7.622	75	2159	0.944	ug/L #	75
52) Ethylbenzene	9.014	91	109924	16.073	ug/L	100
53) m,p-Xylene	9.136	106	167284	61.022	ug/L	100
54) o-Xylene	9.545	106	39796	15.207	ug/L	100
60) Isopropylbenzene	9.934	105	7135	1.036	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	50640	8.545	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	168342	28.454	ug/L	99
71) Naphthalene	13.503	128	37337	5.523	ug/L	98

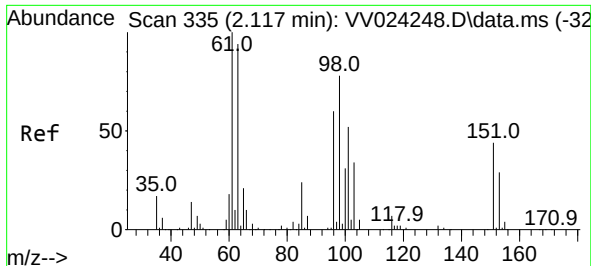
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 31 06:18:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
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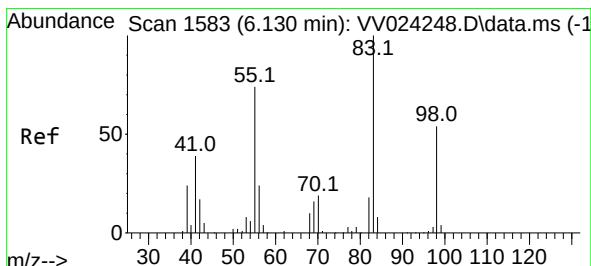
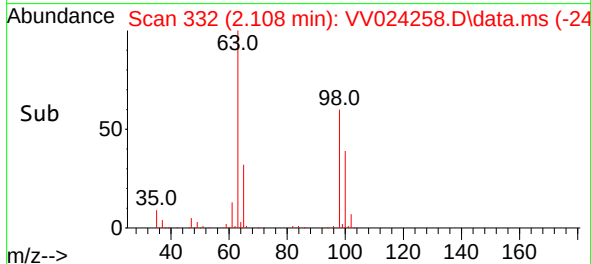
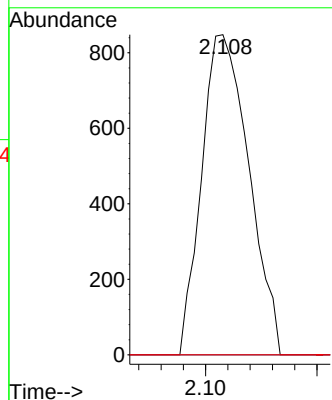
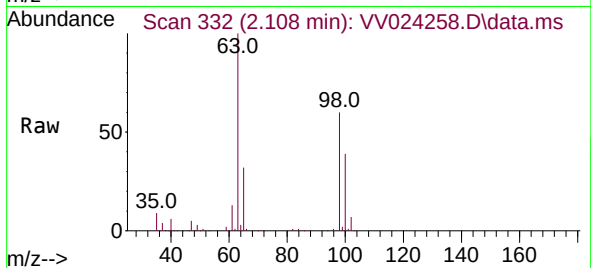




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.830 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV024258.D
 Acq: 31 Dec 2021 02:34

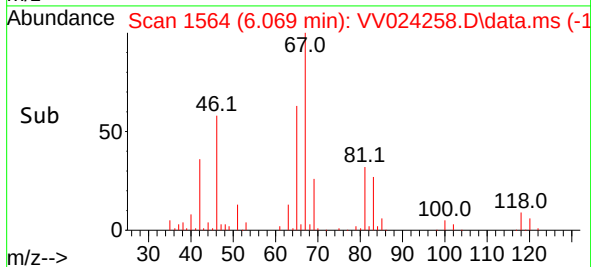
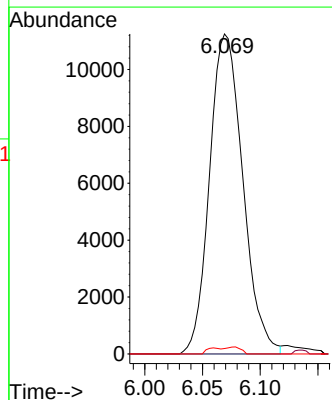
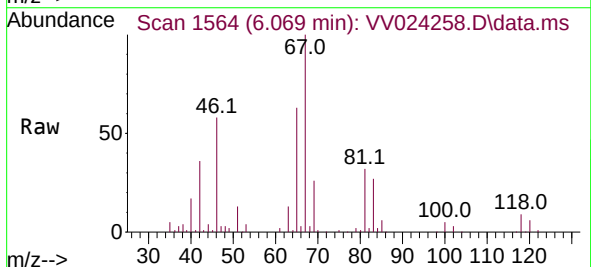
Instrument :
 MSVOA_V
 ClientSampleId :

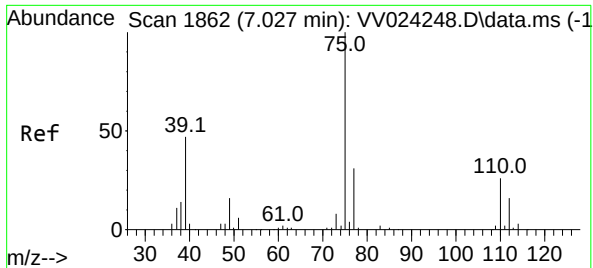
Tgt Ion:101 Resp: 1250
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 67.1 100.7#



#35
 Methylcyclohexane
 Concen: 9.671 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.061 min
 Lab File: VV024258.D
 Acq: 31 Dec 2021 02:34

Tgt Ion: 83 Resp: 22557
 Ion Ratio Lower Upper
 83 100
 55 0.4 55.6 83.4#
 98 1.0 41.3 61.9#





#39

cis-1,3-Dichloropropene

Concen: 1.401 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV024258.D

Acq: 31 Dec 2021 02:34

Instrument :

MSVOA_V

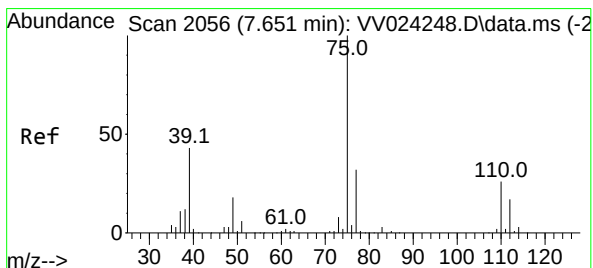
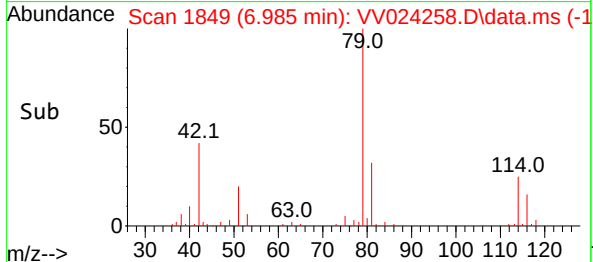
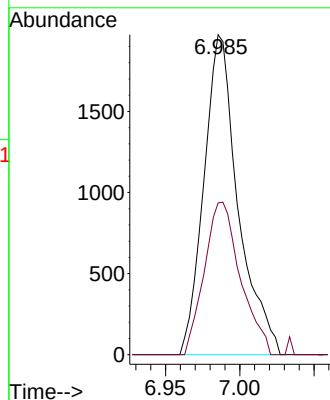
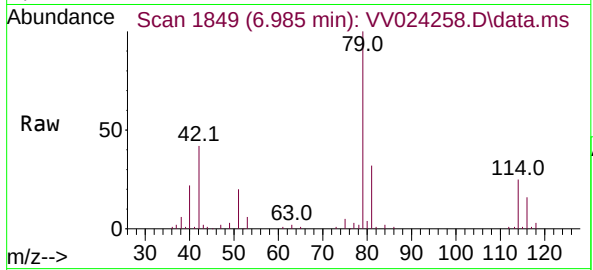
ClientSampleId :

Tgt Ion: 75 Resp: 3160

Ion Ratio Lower Upper

75 100

77 47.4 23.0 42.8#



#44

trans-1,3-Dichloropropene

Concen: 0.944 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV024258.D

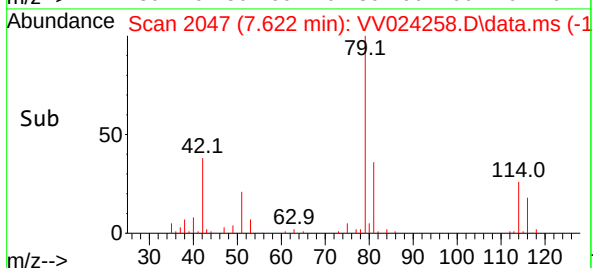
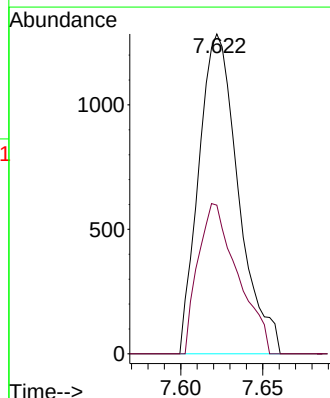
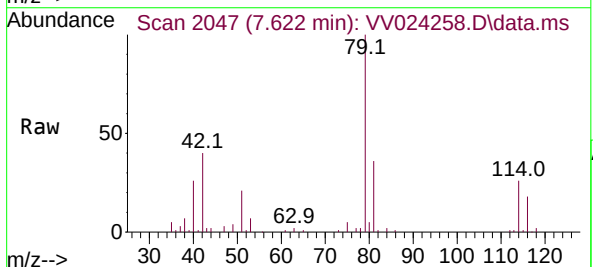
Acq: 31 Dec 2021 02:34

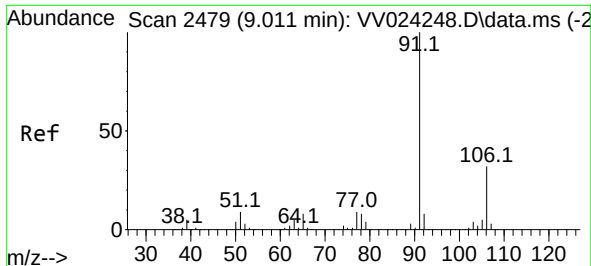
Tgt Ion: 75 Resp: 2159

Ion Ratio Lower Upper

75 100

77 46.5 22.7 42.1#





#52

Ethylbenzene

Concen: 16.073 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV024258.D

Acq: 31 Dec 2021 02:34

Instrument :

MSVOA_V

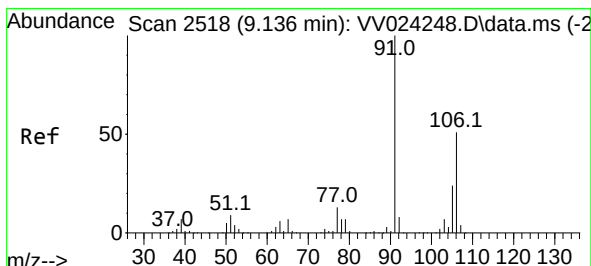
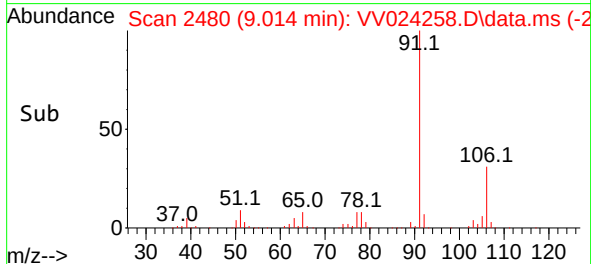
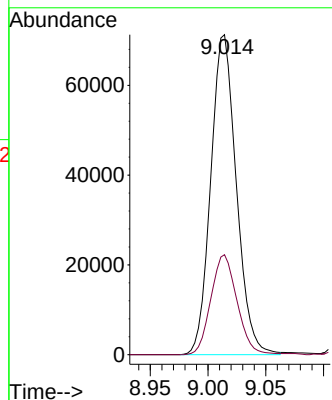
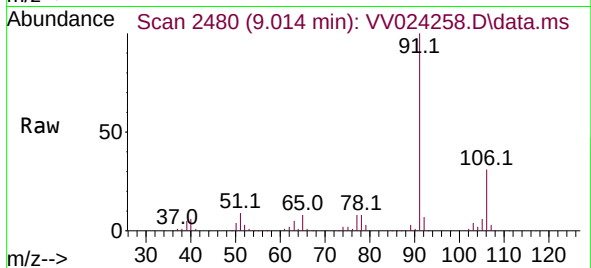
ClientSampleId :

Tgt Ion: 91 Resp: 109924

Ion Ratio Lower Upper

91 100

106 31.3 22.0 41.0



#53

m,p-Xylene

Concen: 61.022 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024258.D

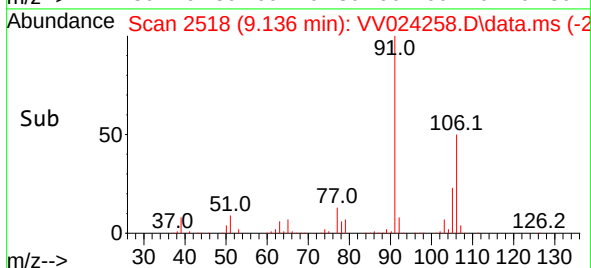
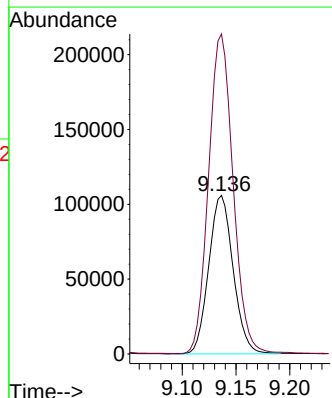
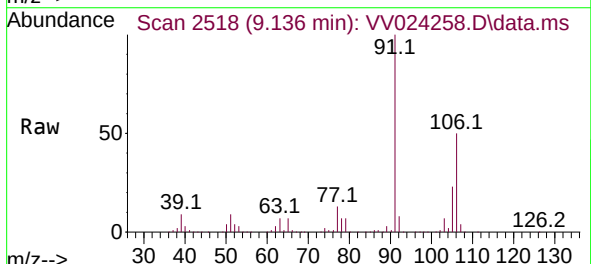
Acq: 31 Dec 2021 02:34

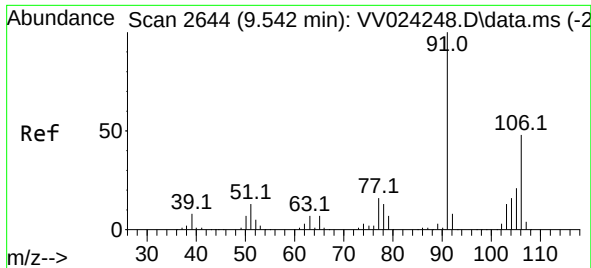
Tgt Ion: 106 Resp: 167284

Ion Ratio Lower Upper

106 100

91 201.9 141.8 263.4

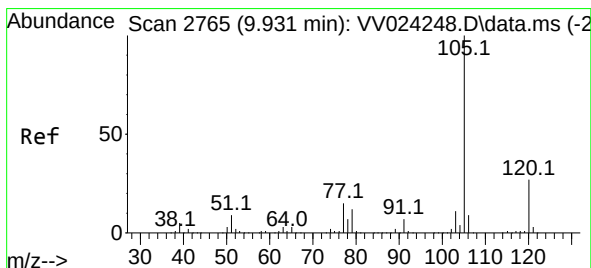
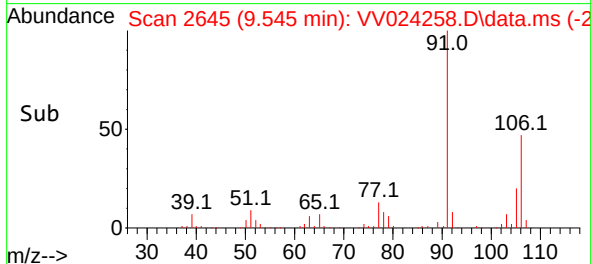
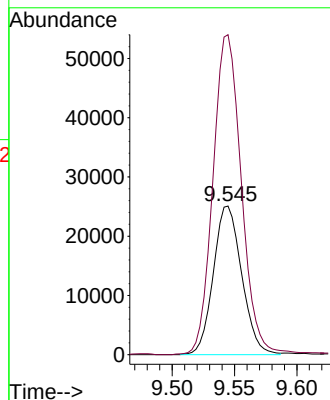
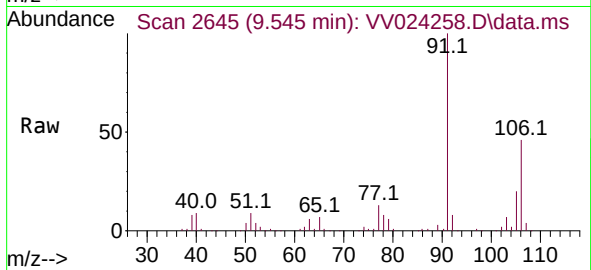




#54
o-Xylene
Concen: 15.207 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024258.D
Acq: 31 Dec 2021 02:34

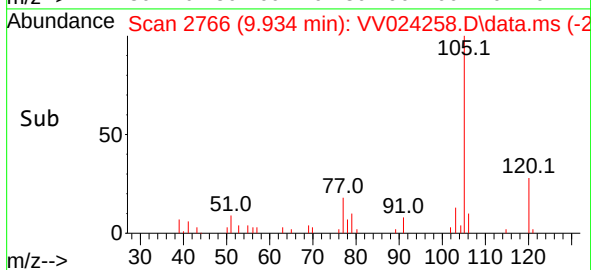
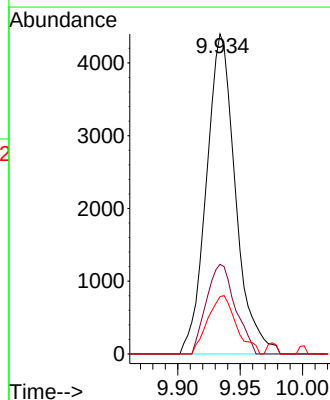
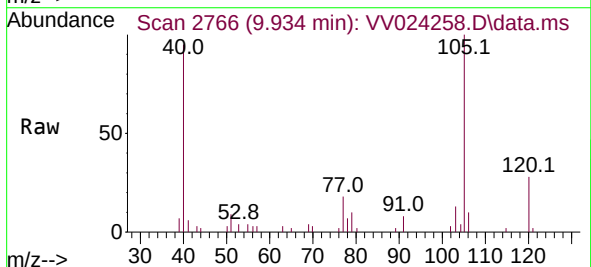
Instrument :
MSVOA_V
ClientSampleId :

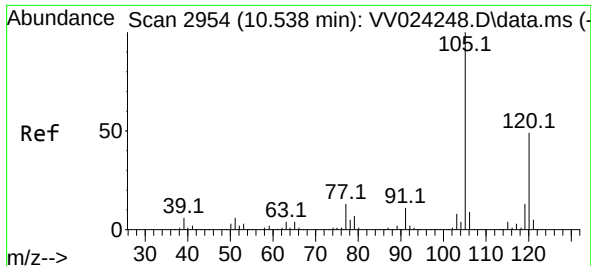
Tgt Ion:106 Resp: 39796
Ion Ratio Lower Upper
106 100
91 215.2 150.9 280.3



#60
Isopropylbenzene
Concen: 1.036 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV024258.D
Acq: 31 Dec 2021 02:34

Tgt Ion:105 Resp: 7135
Ion Ratio Lower Upper
105 100
120 27.7 21.9 32.9
77 17.1 11.9 17.9





#62

1,3,5-Trimethylbenzene

Concen: 8.545 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024258.D

Acq: 31 Dec 2021 02:34

Instrument :

MSVOA_V

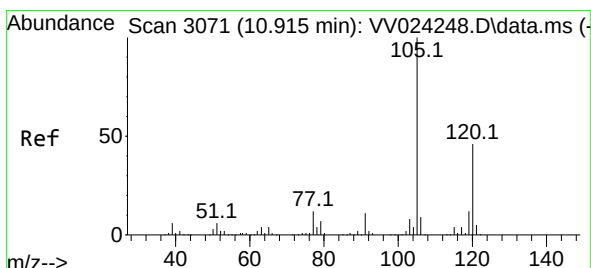
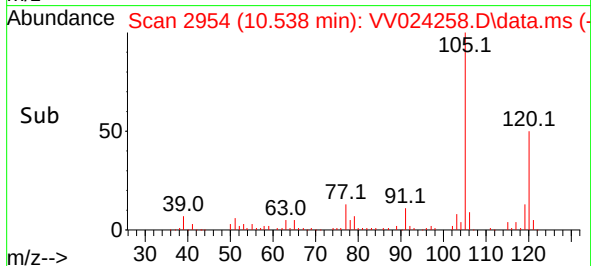
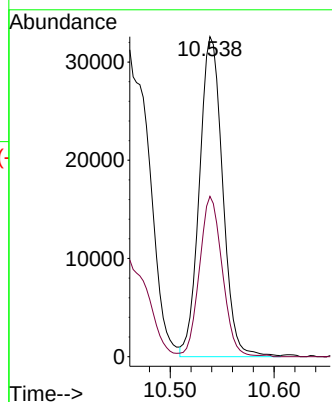
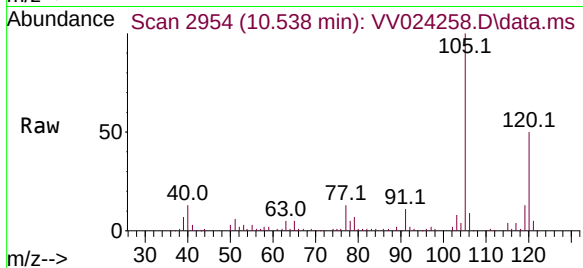
ClientSampleId :

Tgt Ion:105 Resp: 50640

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 28.454 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024258.D

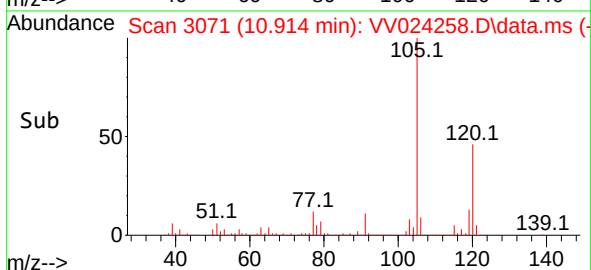
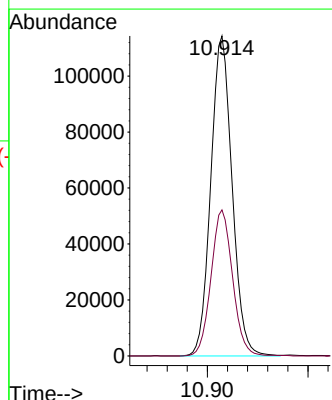
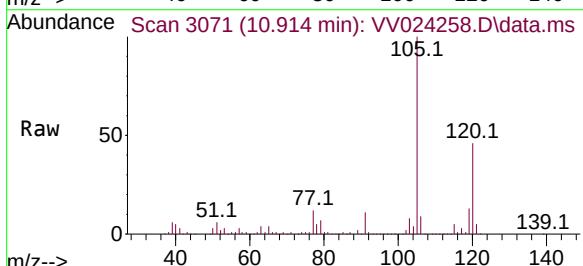
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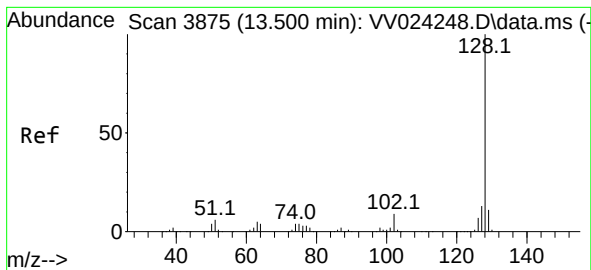
Tgt Ion:105 Resp: 168342

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0





#71

Naphthalene

Concen: 5.523 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

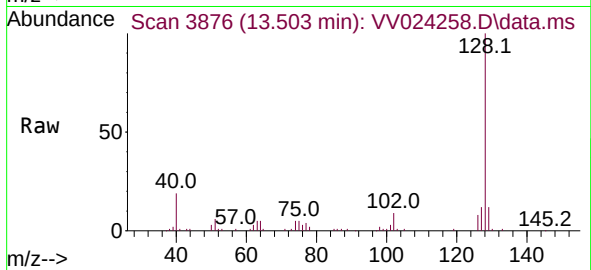
Lab File: VV024258.D

Acq: 31 Dec 2021 02:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 37337

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 12.1 8.7 13.1

