

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024256.D
 Acq On : 31 Dec 2021 01:47
 Operator : SY/MD
 Sample : M5213-03ME
 Misc : 5.02G/5.0mL/100uL//5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 06:18:20 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)

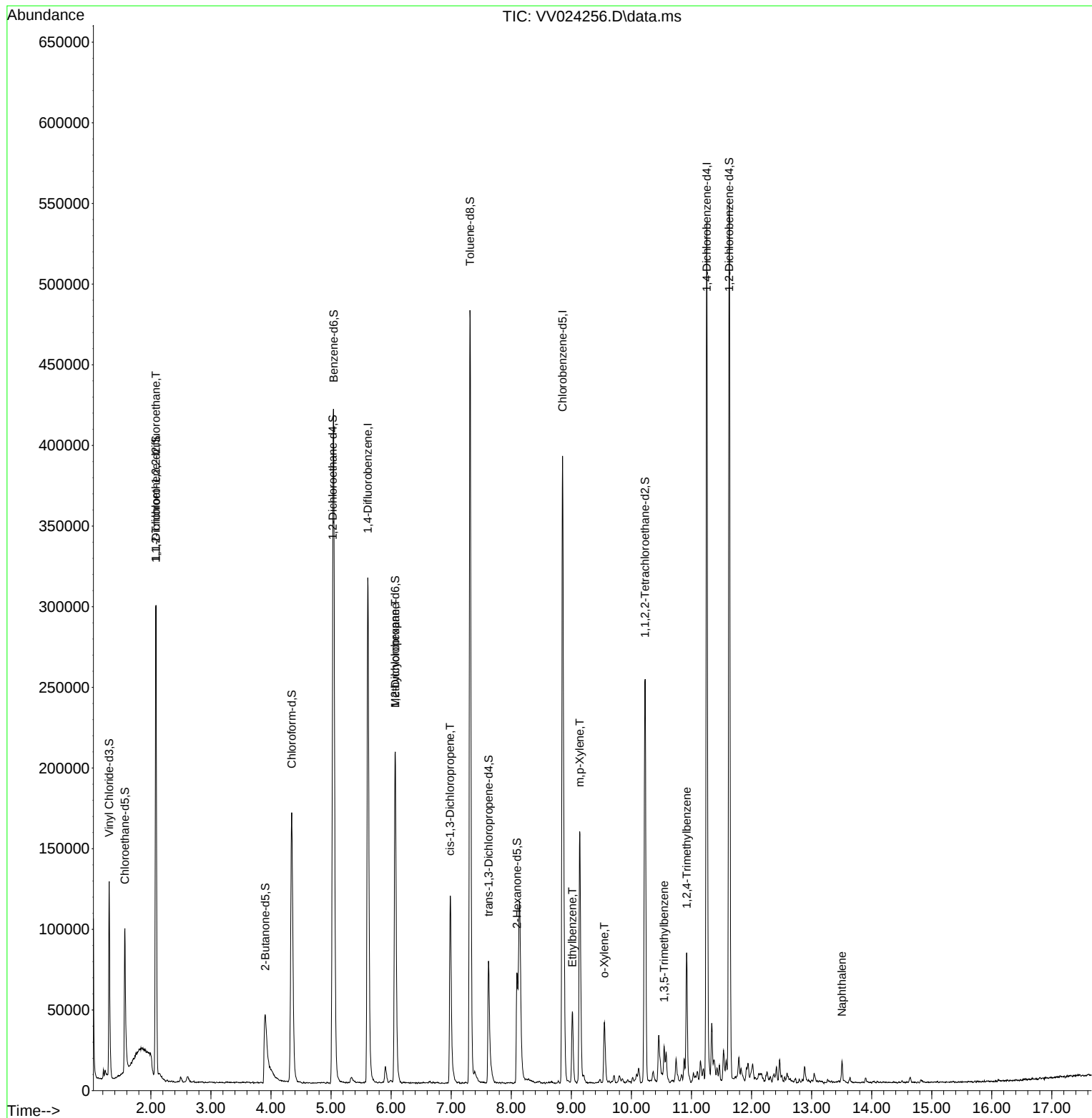
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	292316	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	276813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	145547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91456	43.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.940%		
7) Chloroethane-d5	1.568	69	69283	43.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.700%		
11) 1,1-Dichloroethene-d2	2.085	63	147619	37.544	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.080%		
21) 2-Butanone-d5	3.905	46	97961	83.578	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.580%		
24) Chloroform-d	4.346	84	177852	46.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
26) 1,2-Dichloroethane-d4	5.027	65	123449	47.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.900%		
32) Benzene-d6	5.043	84	346942	48.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
36) 1,2-Dichloropropane-d6	6.069	67	98143	48.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.960%		
41) Toluene-d8	7.313	98	331735	47.431	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.860%		
43) trans-1,3-Dichloroprop...	7.622	79	54337	46.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.220%		
47) 2-Hexanone-d5	8.095	63	21429	24.364	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	24.360%#		
56) 1,1,2,2-Tetrachloroeth...	10.226	84	125678	43.441	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.880%		
66) 1,2-Dichlorobenzene-d4	11.628	152	140803	48.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.060%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	1431	0.777	ug/L #	18
35) Methylcyclohexane	6.069	83	26806	9.312	ug/L #	21
39) cis-1,3-Dichloropropene	6.982	75	3387	1.217	ug/L #	73
52) Ethylbenzene	9.017	91	35707	4.230	ug/L	95
53) m,p-Xylene	9.140	106	50972	15.065	ug/L	99
54) o-Xylene	9.551	106	12245	3.791	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	12660	1.827	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	41998	6.072	ug/L	98
71) Naphthalene	13.506	128	10124	1.281	ug/L	98

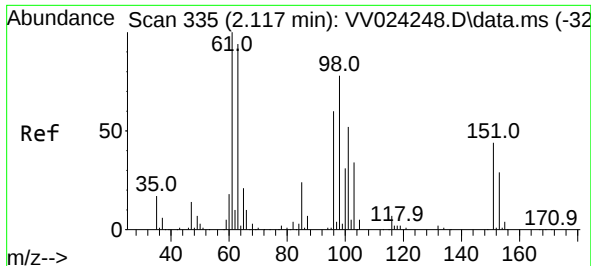
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Dec 31 06:12:03 2021
Response via : Initial Calibration

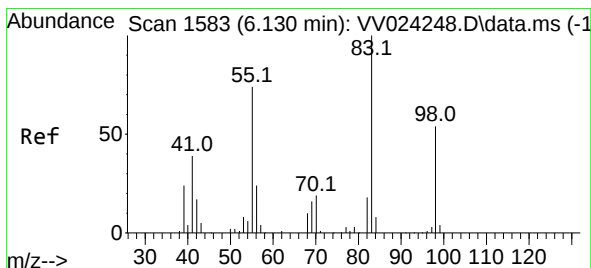
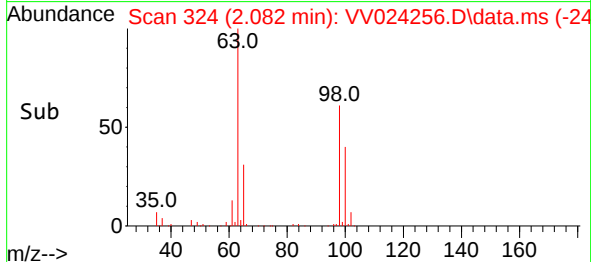
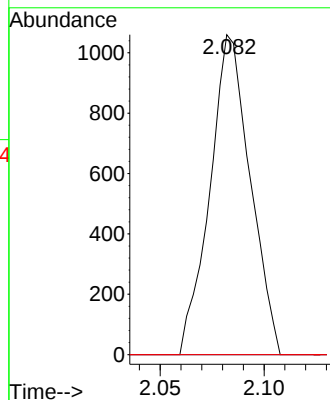
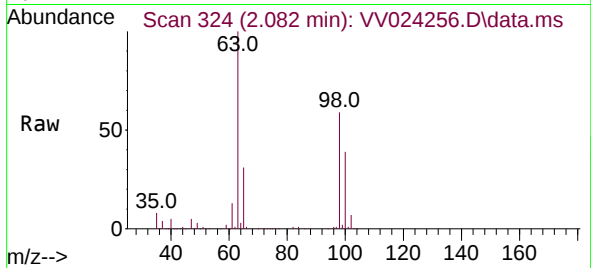




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.777 ug/L
 RT: 2.082 min Scan# 31
 Delta R.T. -0.035 min
 Lab File: VV024256.D
 Acq: 31 Dec 2021 01:47

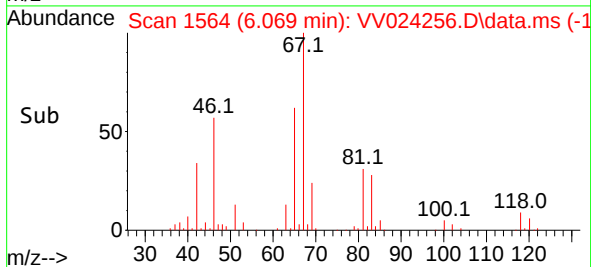
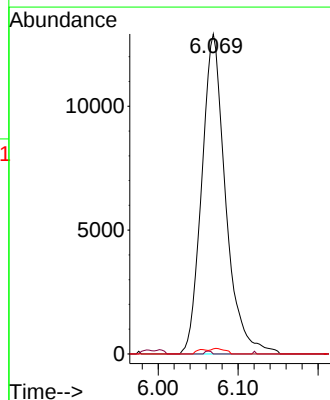
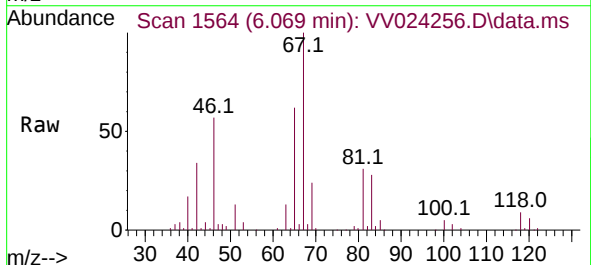
Instrument :
 MSVOA_V
 ClientSampleId :

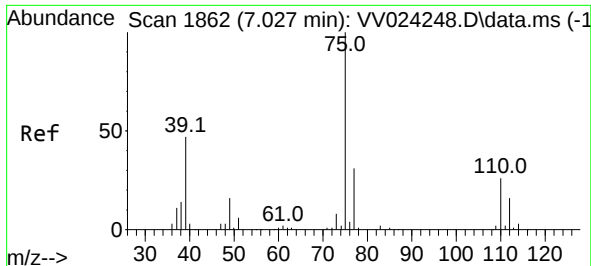
Tgt Ion:101 Resp: 1431
 Ion Ratio Lower Upper
 101 100
 85 3.1 35.3 52.9#
 151 0.0 67.1 100.7#



#35
 Methylcyclohexane
 Concen: 9.312 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.061 min
 Lab File: VV024256.D
 Acq: 31 Dec 2021 01:47

Tgt Ion: 83 Resp: 26806
 Ion Ratio Lower Upper
 83 100
 55 0.2 55.6 83.4#
 98 1.0 41.3 61.9#





#39

cis-1,3-Dichloropropene

Concen: 1.217 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV024256.D

Acq: 31 Dec 2021 01:47

Instrument :

MSVOA_V

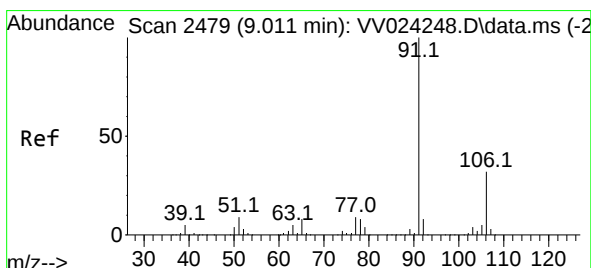
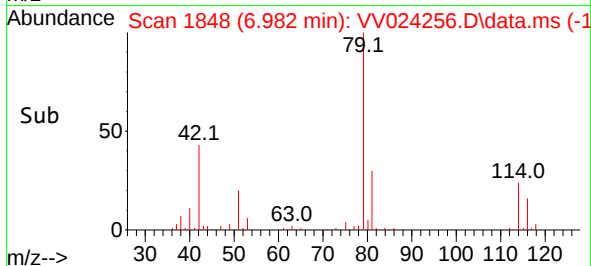
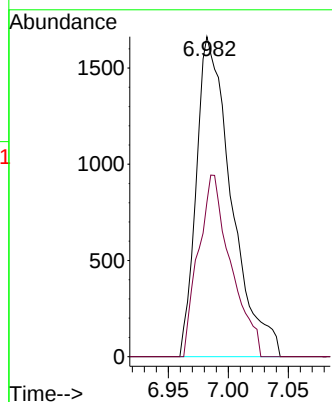
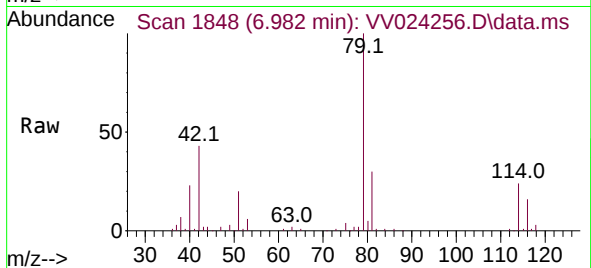
ClientSampleId :

Tgt Ion: 75 Resp: 3387

Ion Ratio Lower Upper

75 100

77 48.3 23.0 42.8#



#52

Ethylbenzene

Concen: 4.230 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV024256.D

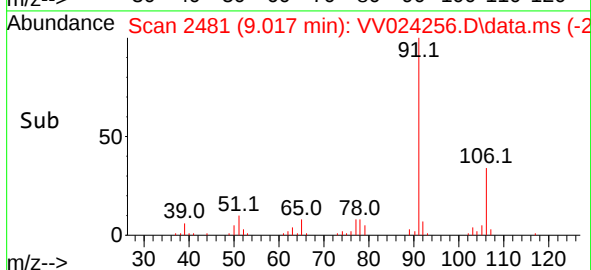
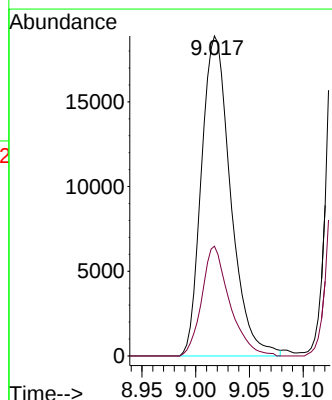
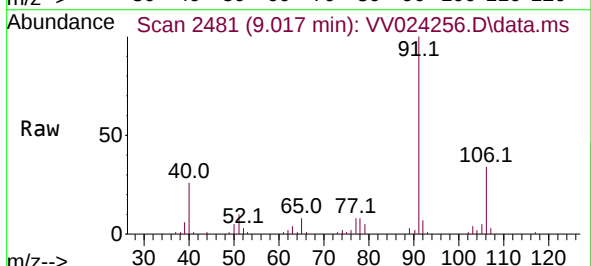
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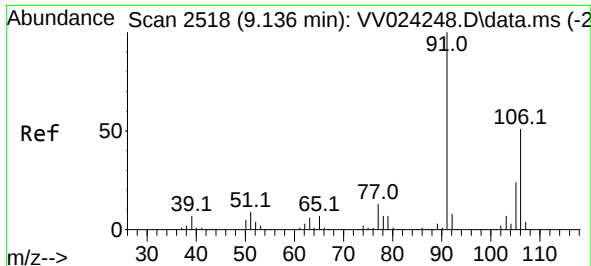
Tgt Ion: 91 Resp: 35707

Ion Ratio Lower Upper

91 100

106 34.3 22.0 41.0

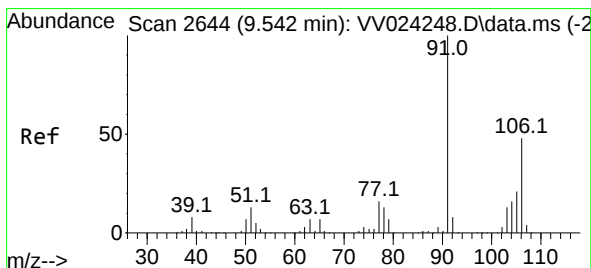
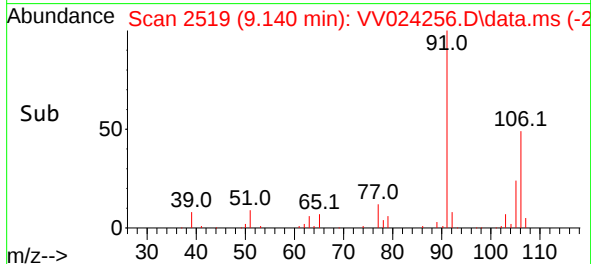
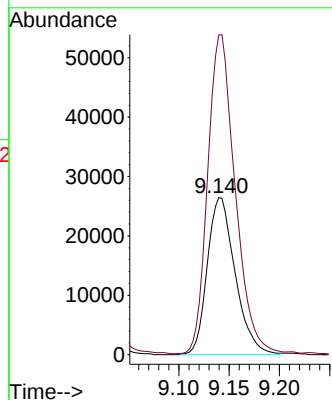
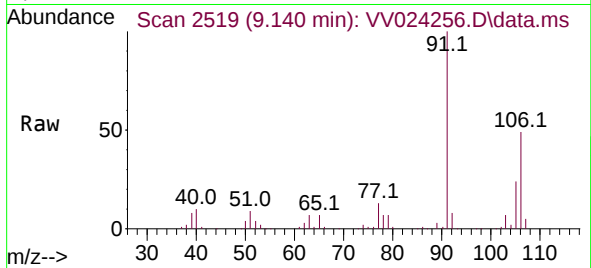




#53
m,p-Xylene
Concen: 15.065 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024256.D
Acq: 31 Dec 2021 01:47

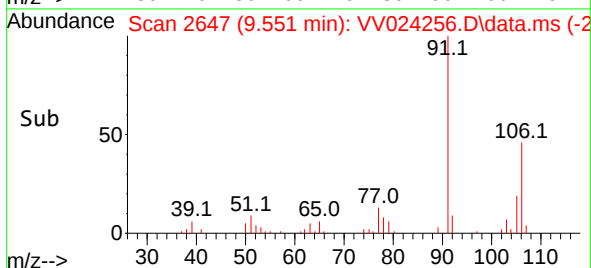
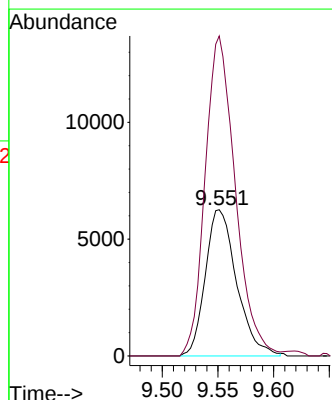
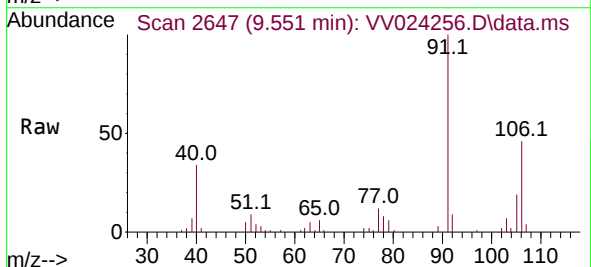
Instrument :
MSVOA_V
ClientSampleId :

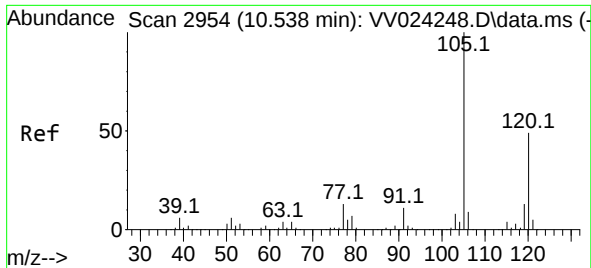
Tgt Ion:106 Resp: 50972
Ion Ratio Lower Upper
106 100
91 203.6 141.8 263.4



#54
o-Xylene
Concen: 3.791 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV024256.D
Acq: 31 Dec 2021 01:47

Tgt Ion:106 Resp: 12245
Ion Ratio Lower Upper
106 100
91 218.9 150.9 280.3

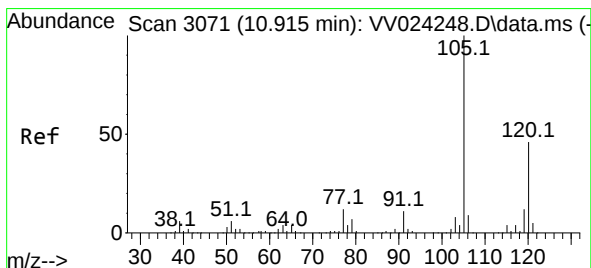
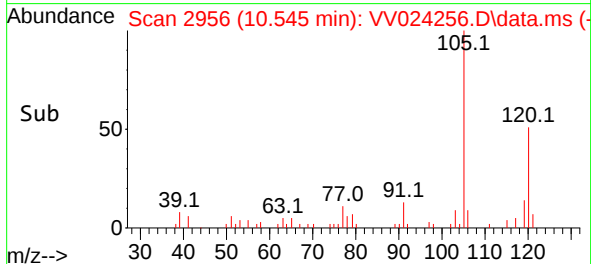
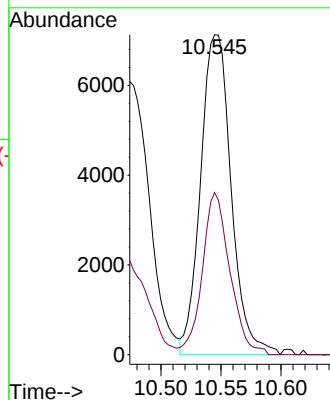
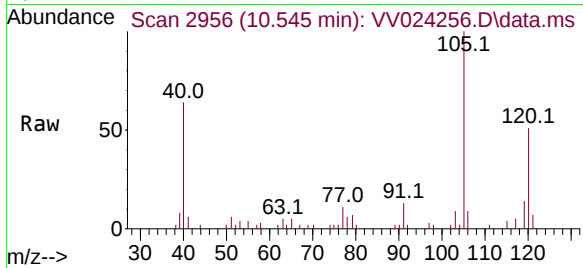




#62
1,3,5-Trimethylbenzene
Concen: 1.827 ug/L
RT: 10.545 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VV024256.D
Acq: 31 Dec 2021 01:47

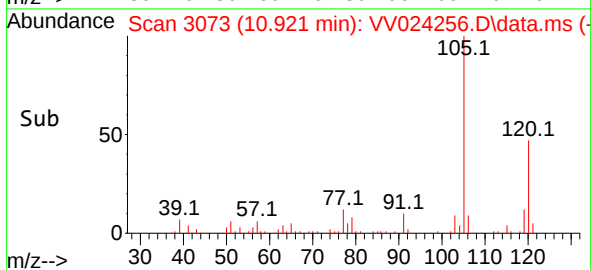
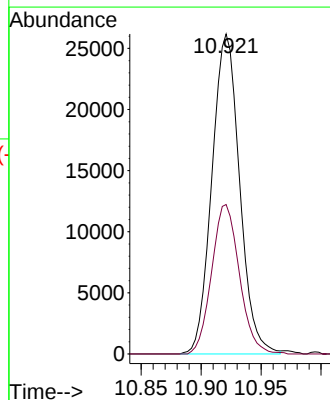
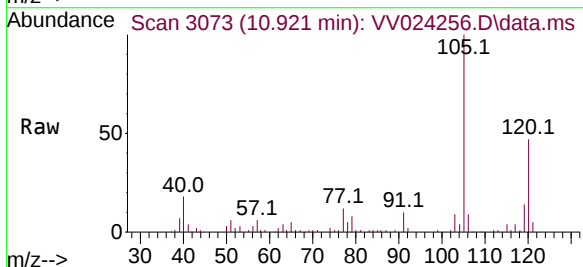
Instrument :
MSVOA_V
ClientSampleId :

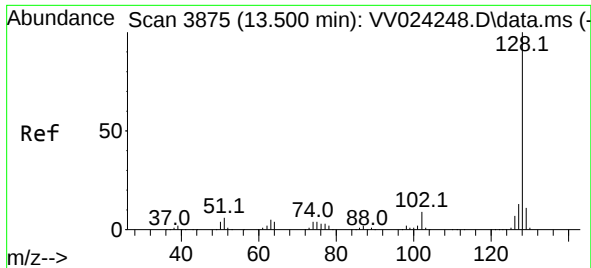
Tgt Ion:105 Resp: 12660
Ion Ratio Lower Upper
105 100
120 45.8 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 6.072 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV024256.D
Acq: 31 Dec 2021 01:47

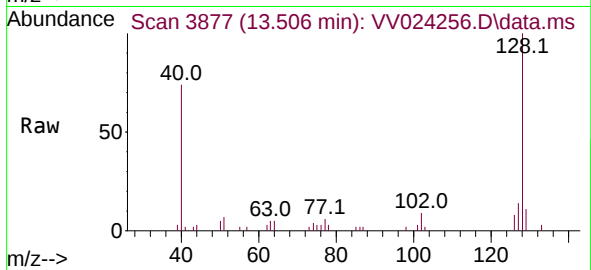
Tgt Ion:105 Resp: 41998
Ion Ratio Lower Upper
105 100
120 46.8 36.6 55.0





#71
Naphthalene
Concen: 1.281 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV024256.D
Acq: 31 Dec 2021 01:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	10124
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	9.7	8.7	13.1

