

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024350.D
 Acq On : 13 Jan 2022 14:33
 Operator : SY/MD
 Sample : N1084-10DL 50X
 Misc : 12.29g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

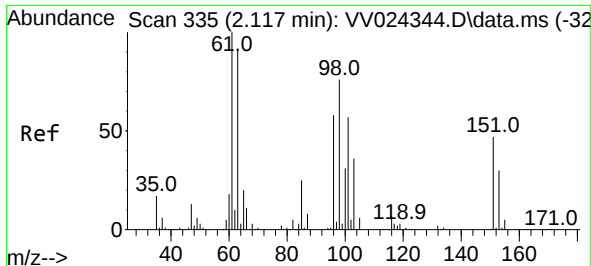
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 22:25:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	230248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220497	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126075	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73070	44.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.200%
7) Chloroethane-d5	1.564	69	57337	45.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.100%
11) 1,1-Dichloroethene-d2	2.104	63	111827	36.108	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
21) 2-Butanone-d5	3.876	46	87119	94.364	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.360%
24) Chloroform-d	4.342	84	145779	48.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
26) 1,2-Dichloroethane-d4	5.027	65	96803	47.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.047	84	283591	49.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
36) 1,2-Dichloropropane-d6	6.066	67	81546	50.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.140%
41) Toluene-d8	7.313	98	266113	47.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.540%
43) trans-1,3-Dichloroprop...	7.619	79	42308	45.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.120%
47) 2-Hexanone-d5	8.085	63	61271	87.455	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.450%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	110945	48.142	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.280%
66) 1,2-Dichlorobenzene-d4	11.622	152	124254	49.445	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.880%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1053	0.726	ug/L #	16
33) Benzene	5.104	78	6588	1.175	ug/L	100
39) cis-1,3-Dichloropropene	6.985	75	2958	1.334	ug/L #	61
42) Toluene	7.394	91	13066	2.076	ug/L	93
44) trans-1,3-Dichloropropene	7.619	75	2140	0.952	ug/L	90
52) Ethylbenzene	9.011	91	79152	11.772	ug/L	99
53) m,p-Xylene	9.136	106	111494	41.370	ug/L	99
54) o-Xylene	9.545	106	10679	4.151	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.230	83	1945	0.901	ug/L #	71
60) Isopropylbenzene	10.738	105	24888	3.567	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	53712	8.950	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	139865	23.346	ug/L	99
71) Naphthalene	13.506	128	7372	1.077	ug/L #	95

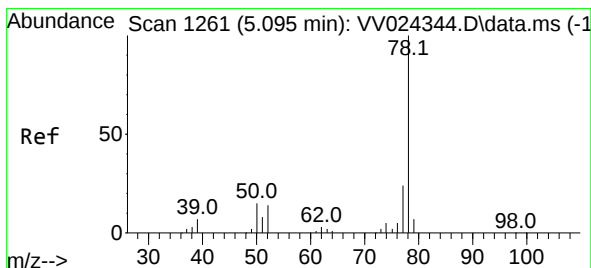
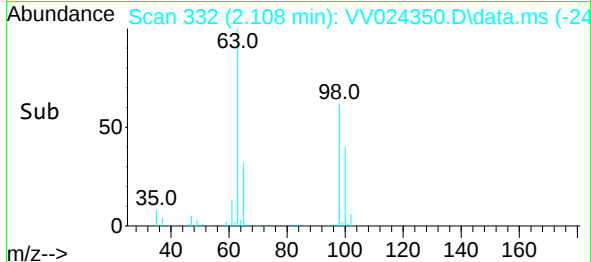
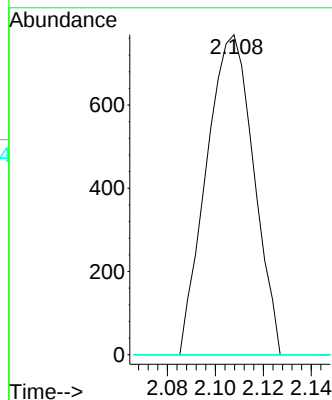
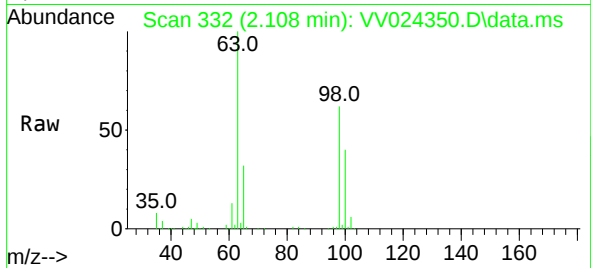
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.726 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV024350.D
Acq: 13 Jan 2022 14:33

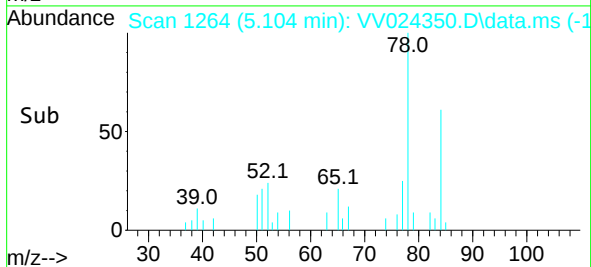
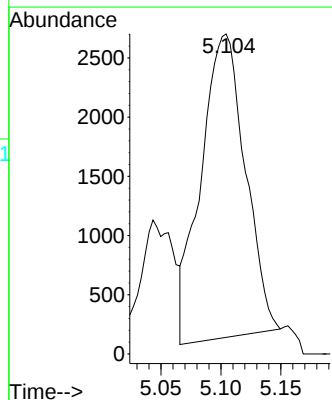
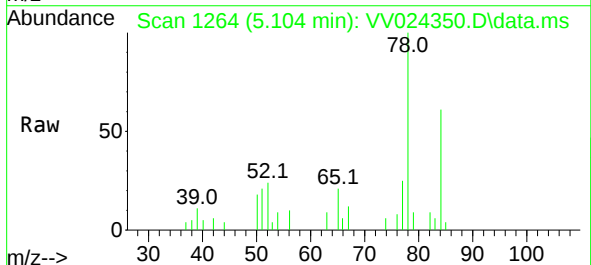
Instrument :
MSVOA_V
ClientSampleId :

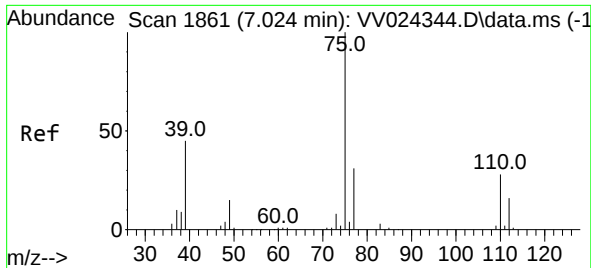
Tgt Ion:101 Resp: 1053
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 67.1 100.7#



#33
Benzene
Concen: 1.175 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.009 min
Lab File: VV024350.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 78 Resp: 6588





#39

cis-1,3-Dichloropropene

Concen: 1.334 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024350.D

Acq: 13 Jan 2022 14:33

Instrument :

MSVOA_V

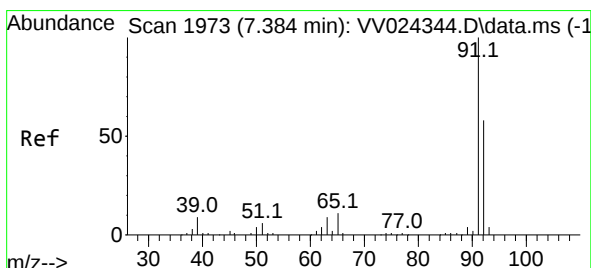
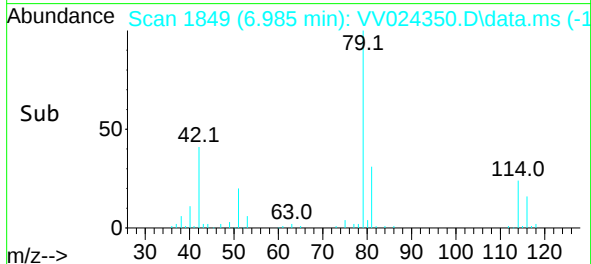
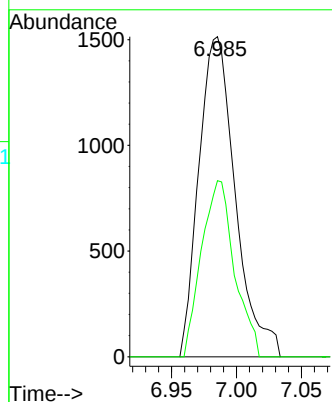
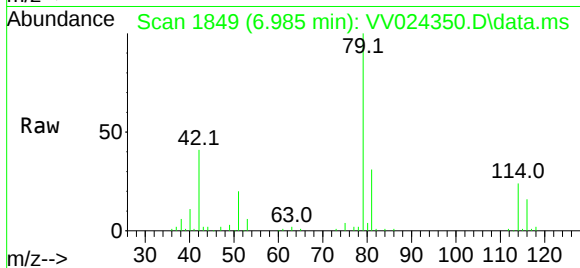
ClientSampleId :

Tgt Ion: 75 Resp: 2958

Ion Ratio Lower Upper

75 100

77 55.0 23.0 42.8#



#42

Toluene

Concen: 2.076 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024350.D

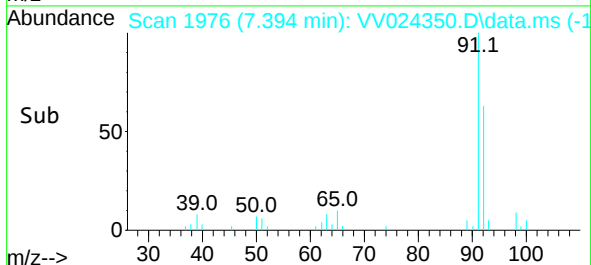
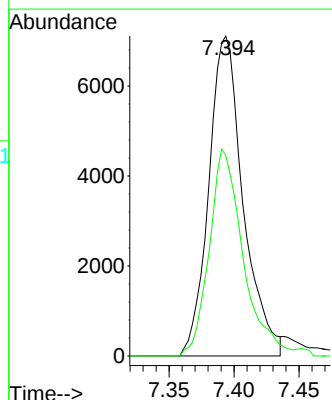
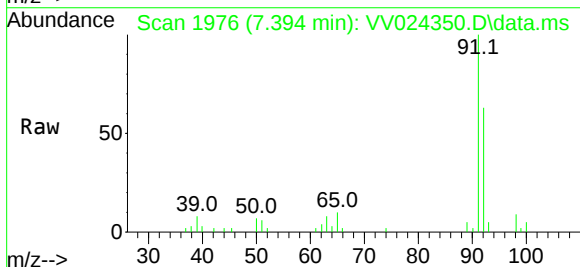
Acq: 13 Jan 2022 14:33

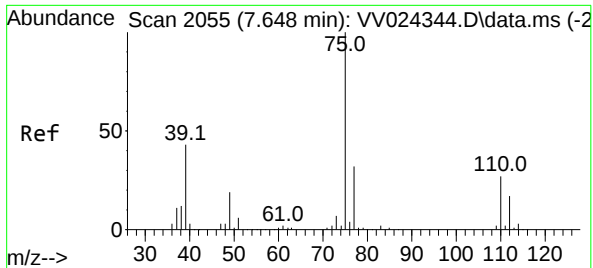
Tgt Ion: 91 Resp: 13066

Ion Ratio Lower Upper

91 100

92 62.7 40.4 75.0

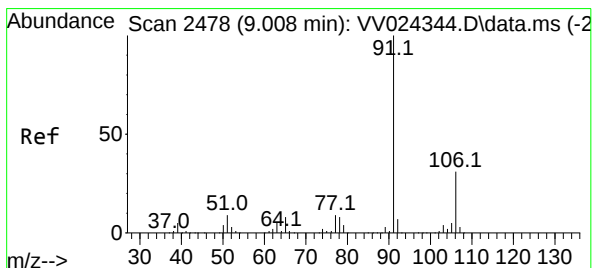
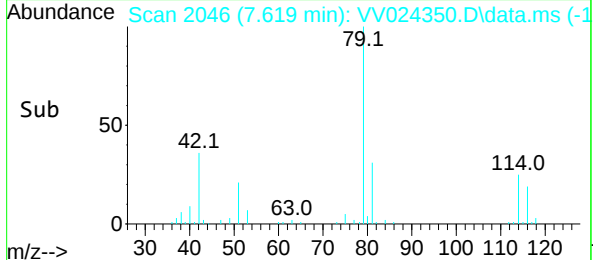
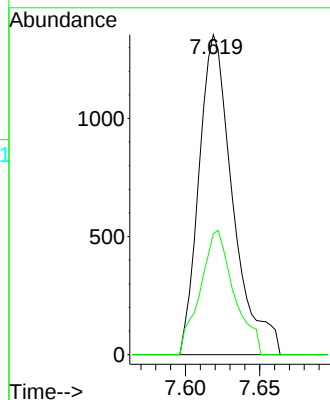
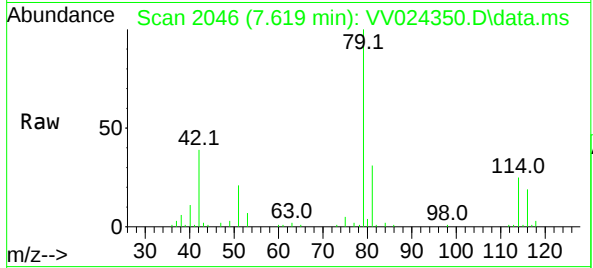




#44
trans-1,3-Dichloropropene
Concen: 0.952 ug/L
RT: 7.619 min Scan# 2055
Delta R.T. -0.029 min
Lab File: VV024350.D
Acq: 13 Jan 2022 14:33

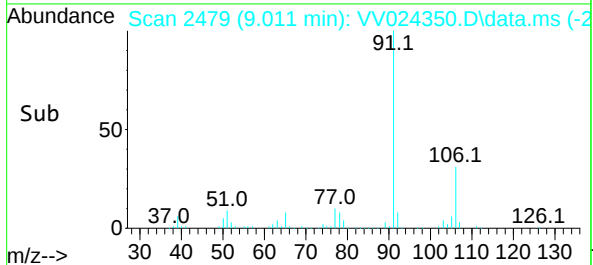
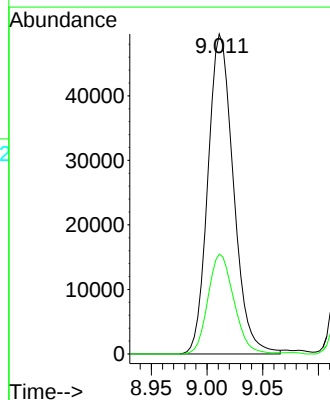
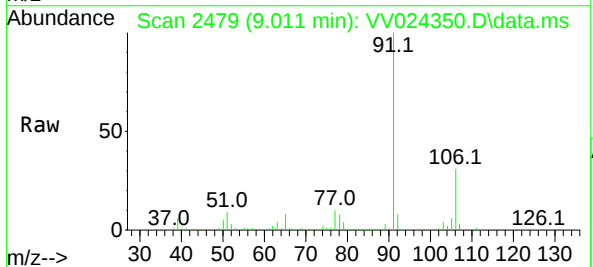
Instrument :
MSVOA_V
ClientSampleId :

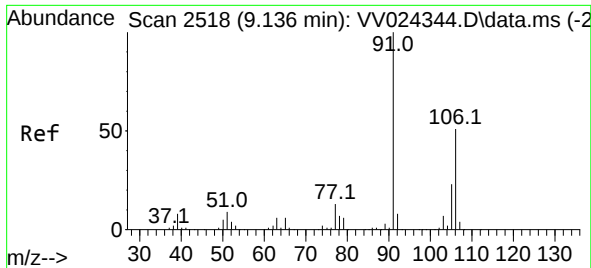
Tgt Ion: 75 Resp: 2140
Ion Ratio Lower Upper
75 100
77 37.8 22.7 42.1



#52
Ethylbenzene
Concen: 11.772 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024350.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 91 Resp: 79152
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0

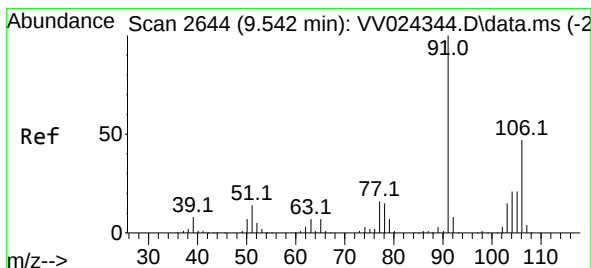
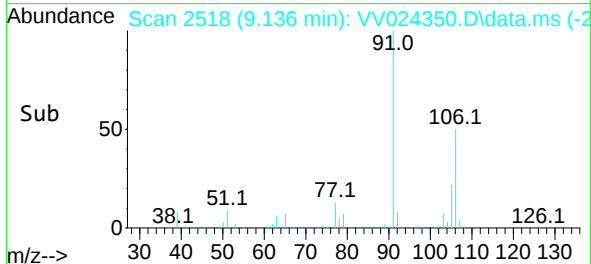
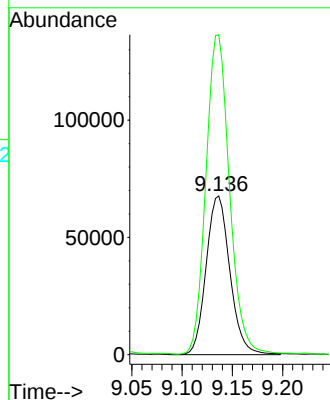
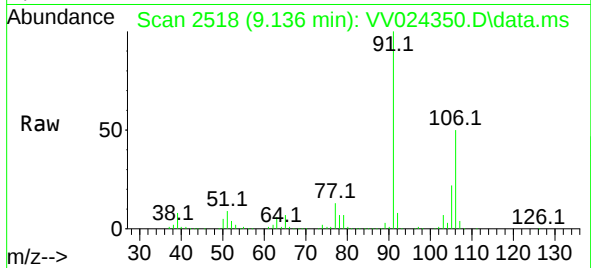




#53
m,p-Xylene
Concen: 41.370 ug/L
RT: 9.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024350.D
Acq: 13 Jan 2022 14:33

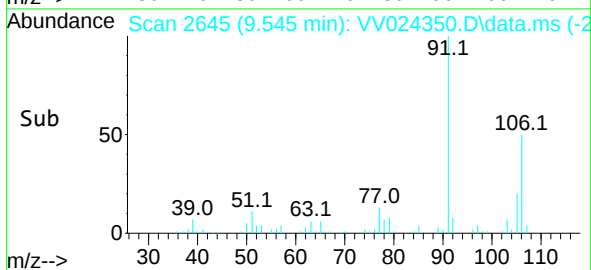
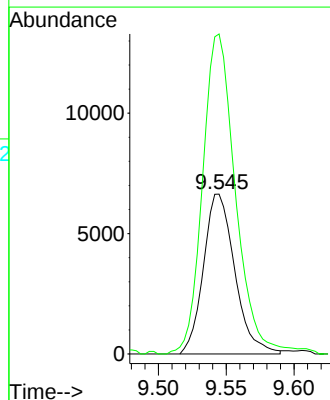
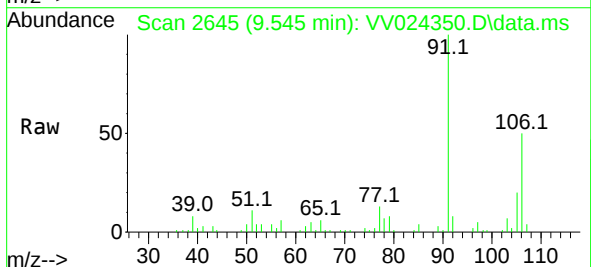
Instrument :
MSVOA_V
ClientSampleId :

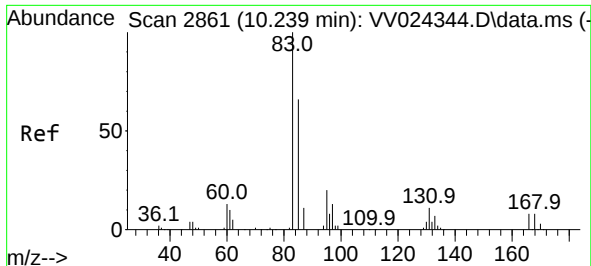
Tgt Ion:106 Resp: 111494
Ion Ratio Lower Upper
106 100
91 201.5 141.8 263.4



#54
o-Xylene
Concen: 4.151 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024350.D
Acq: 13 Jan 2022 14:33

Tgt Ion:106 Resp: 10679
Ion Ratio Lower Upper
106 100
91 200.1 150.9 280.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.901 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.010 min

Lab File: VV024350.D

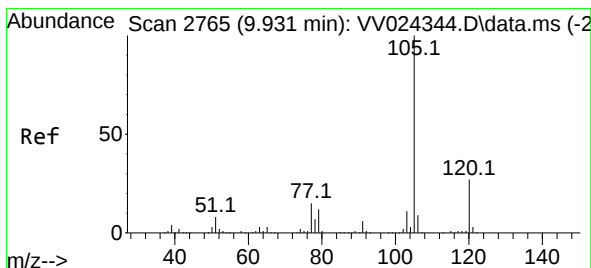
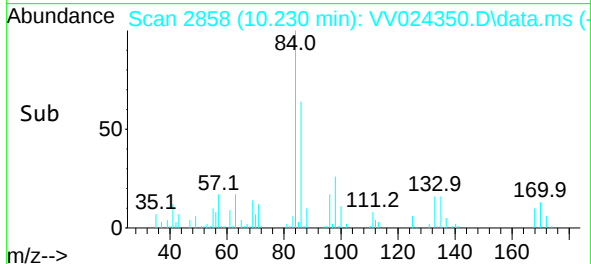
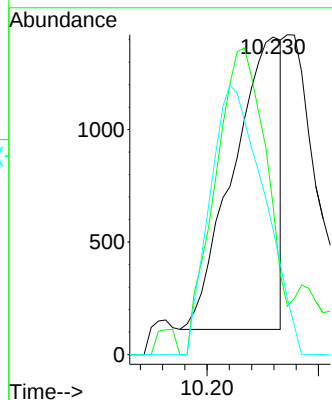
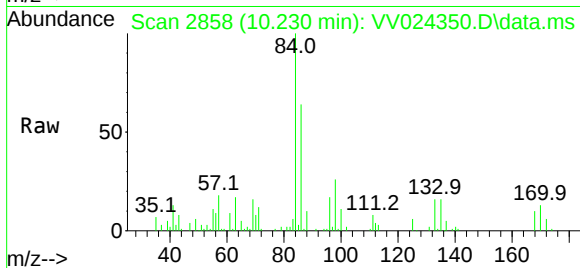
Acq: 13 Jan 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 1945
Ion Ratio	Lower Upper
83	100
85	47.1 44.5 82.7
131	39.5 9.2 13.8#



#60

Isopropylbenzene

Concen: 3.567 ug/L

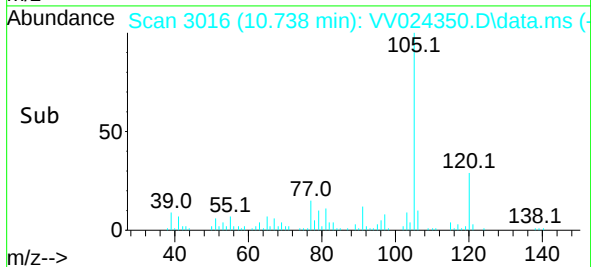
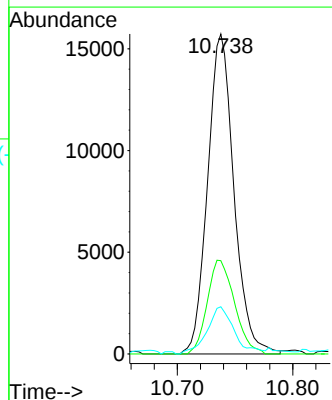
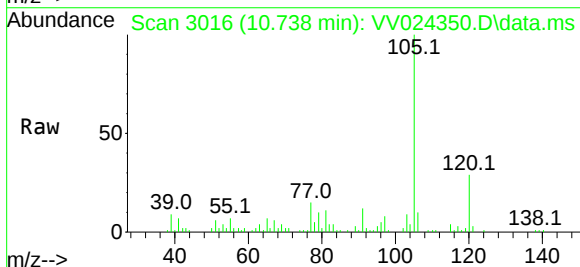
RT: 10.738 min Scan# 3016

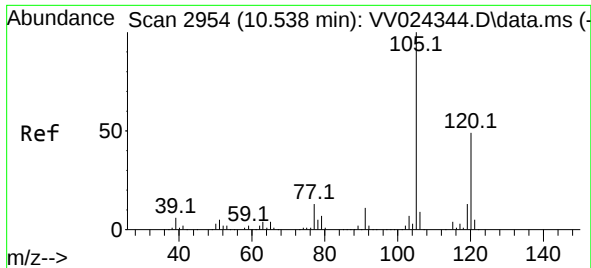
Delta R.T. 0.810 min

Lab File: VV024350.D

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Tgt Ion: 105	Resp: 24888
Ion Ratio	Lower Upper
105	100
120	30.3 21.9 32.9
77	14.3 11.9 17.9

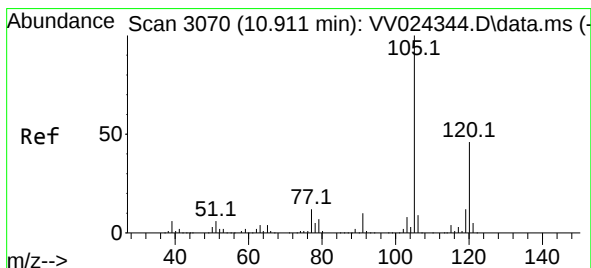
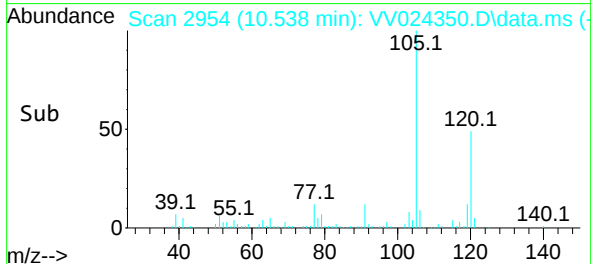
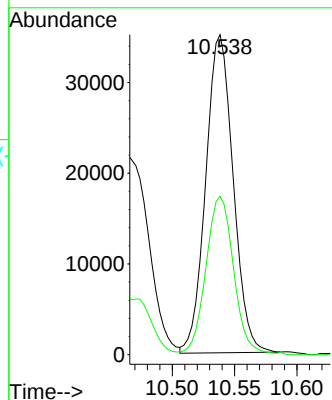
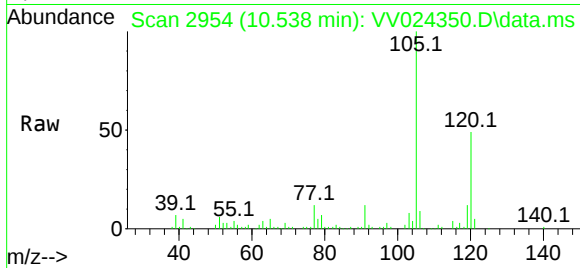




#62
 1,3,5-Trimethylbenzene
 Concen: 8.950 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV024350.D
 Acq: 13 Jan 2022 14:33

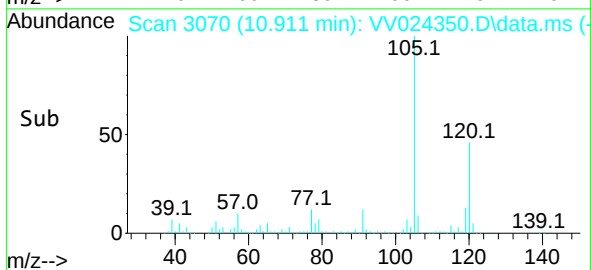
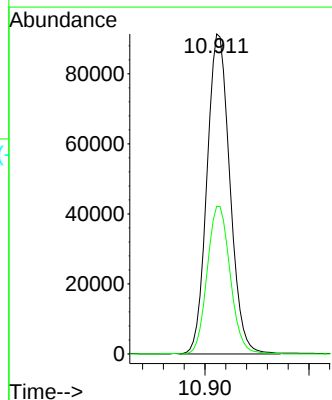
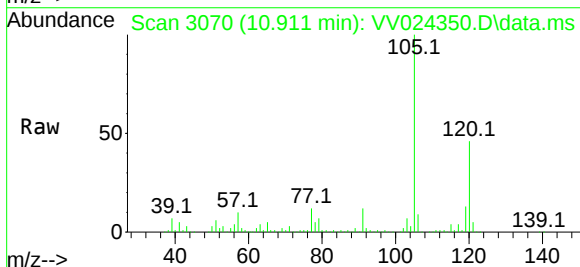
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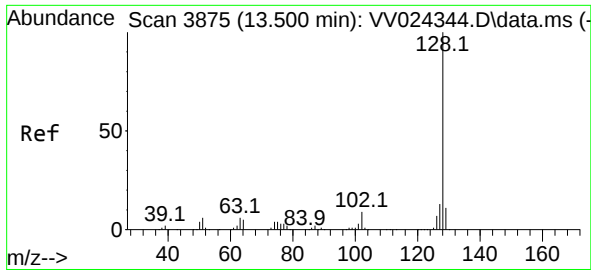
Tgt Ion:105 Resp: 53712
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.346 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV024350.D
 Acq: 13 Jan 2022 14:33

Tgt Ion:105 Resp: 139865
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.6 55.0





#71

Naphthalene

Concen: 1.077 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

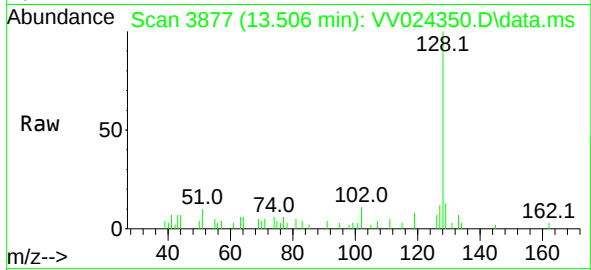
Lab File: VV024350.D

Acq: 13 Jan 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 7372

Ion Ratio Lower Upper

128 100

127 10.4 10.6 16.0#

129 11.9 8.7 13.1

