

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021890.D
 Acq On : 19 Aug 2021 14:47
 Operator : SY/MD
 Sample : M3464-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKF9

Quant Time: Aug 20 02:17:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

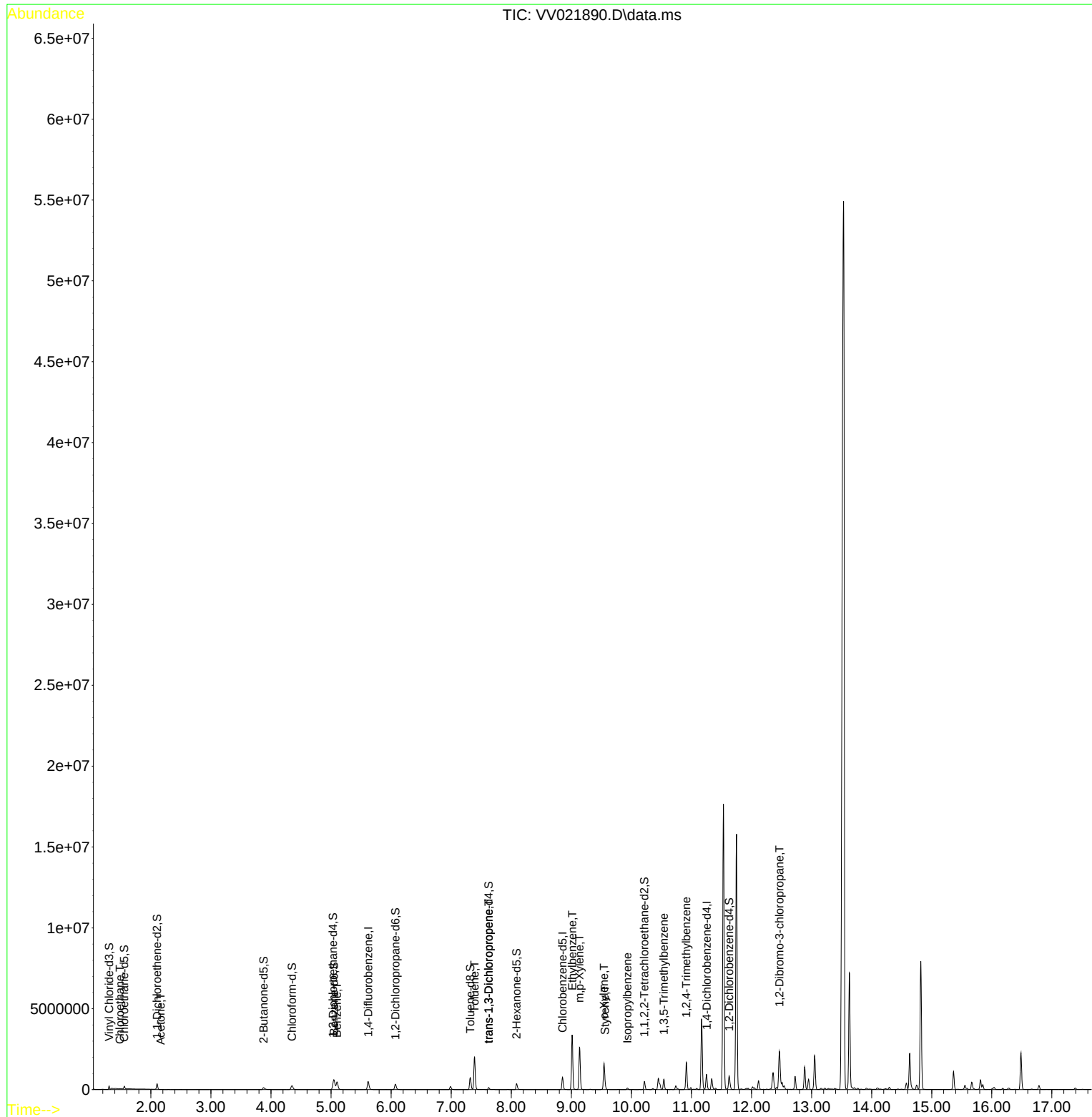
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	472087	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	444167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	243686	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	139218	37.722	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.440%		
7) Chloroethane-d5	1.558	69	109911	39.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.920%		
11) 1,1-Dichloroethene-d2	2.105	63	175058	29.799	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.600%#		
21) 2-Butanone-d5	3.876	46	201535	87.802	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.800%		
24) Chloroform-d	4.349	84	258482	40.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.840%		
26) 1,2-Dichloroethane-d4	5.034	65	157407	42.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.600%		
32) Benzene-d6	5.050	84	544064	42.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.200%		
36) 1,2-Dichloropropane-d6	6.072	67	170711	42.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.840%		
41) Toluene-d8	7.317	98	505346	42.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.620%		
43) trans-1,3-Dichloroprop...	7.622	79	75251	38.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.880%		
47) 2-Hexanone-d5	8.088	63	137089	105.159	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.160%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240574	48.807	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.620%		
66) 1,2-Dichlorobenzene-d4	11.628	152	206805	41.007	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.020%		
Target Compounds						Qvalue
8) Chloroethane	1.484	64	7924	3.550	ug/L #	52
13) Acetone	2.162	43	4445	2.354	ug/L #	100
33) Benzene	5.098	78	496059	36.293	ug/L	100
42) Toluene	7.387	91	1479496	101.347	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	3201	0.620	ug/L	83
52) Ethylbenzene	9.014	91	2382447	152.974	ug/L	100
53) m,p-Xylene	9.136	106	744613	123.364	ug/L	99
54) o-Xylene	9.545	106	416555	69.623	ug/L	98
55) Styrene	9.561	104	132834	13.258	ug/L	86
60) Isopropylbenzene	9.934	105	67392	4.125	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	352556	25.715	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	914996	65.639	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.464	75	50237	45.883	ug/L #	1

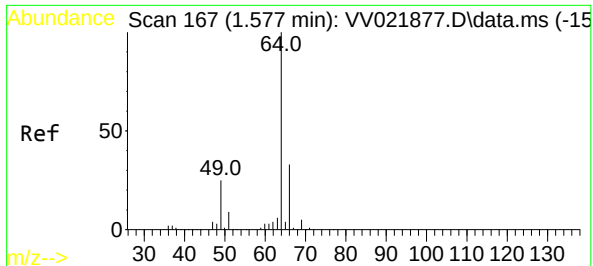
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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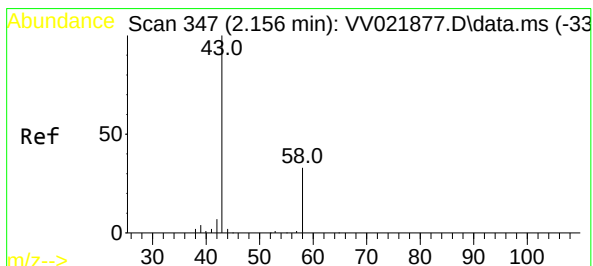
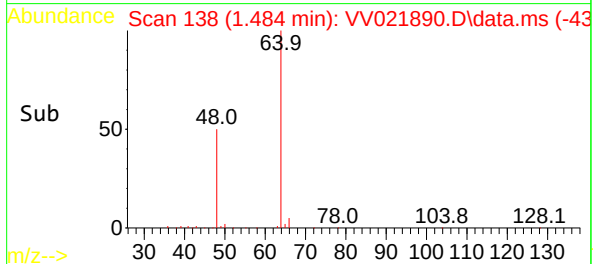
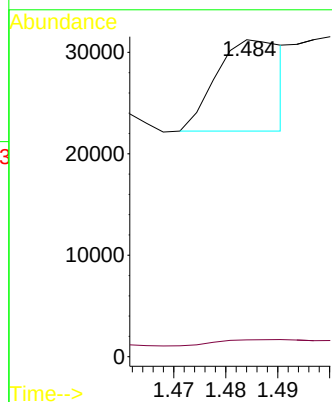
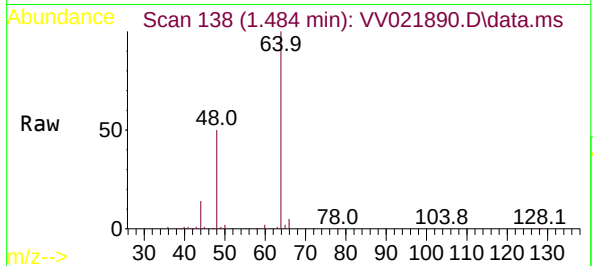




#8
Chloroethane
Concen: 3.550 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.093 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

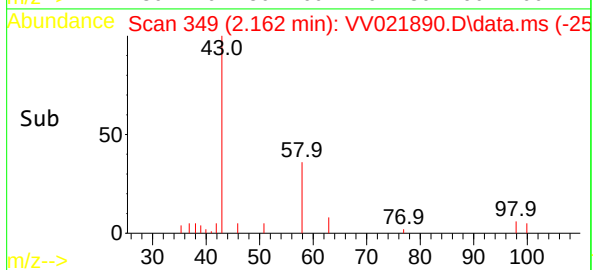
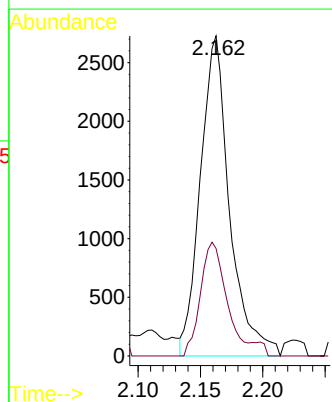
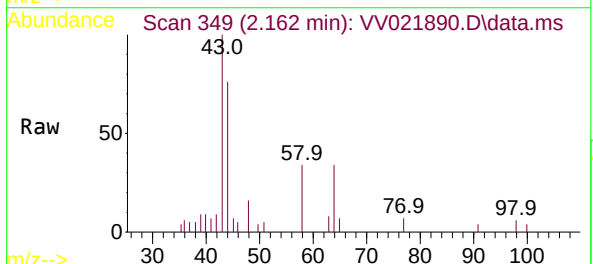
Instrument :
MSVOA_V
ClientSampleId :
DBKF9

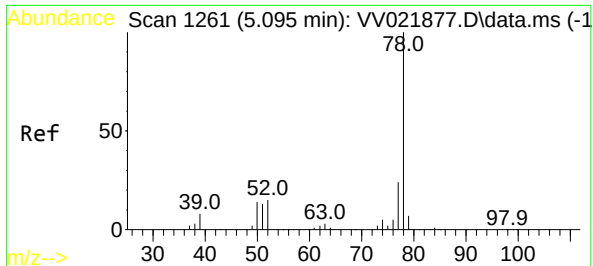
Tgt Ion: 64 Resp: 7924
Ion Ratio Lower Upper
64 100
66 5.3 22.6 42.0#



#13
Acetone
Concen: 2.354 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.007 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

Tgt Ion: 43 Resp: 4445
Ion Ratio Lower Upper
43 100
58 31.6 0.0 0.0#

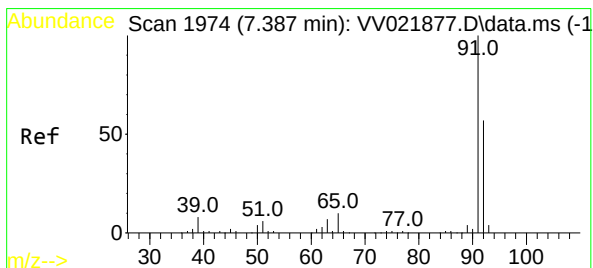
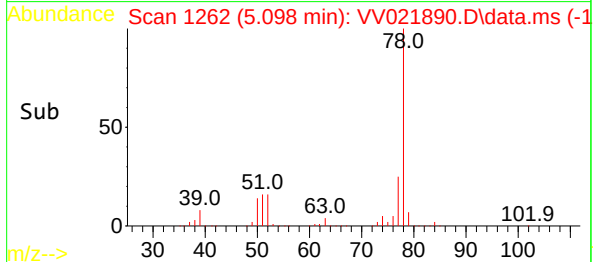
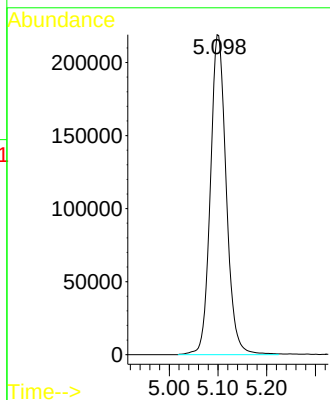
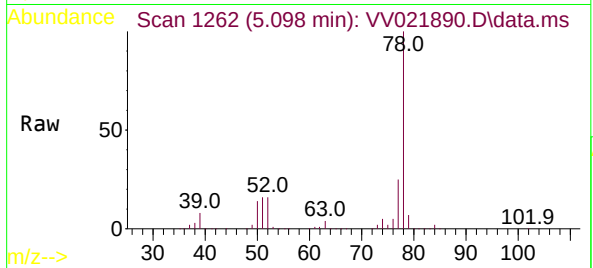




#33
Benzene
Concen: 36.293 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

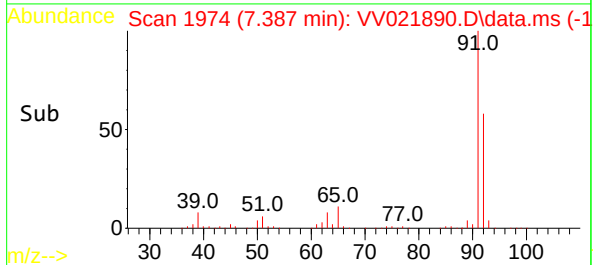
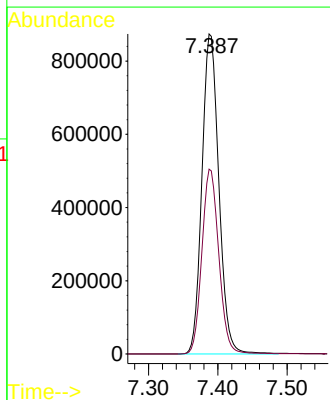
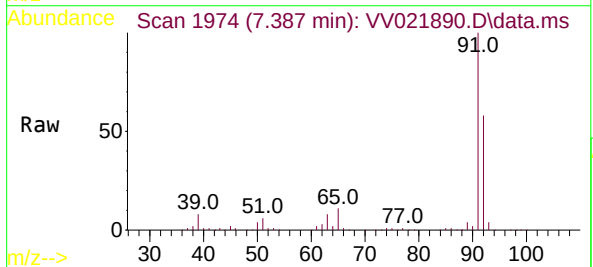
Instrument :
MSVOA_V
ClientSampled :
DBKF9

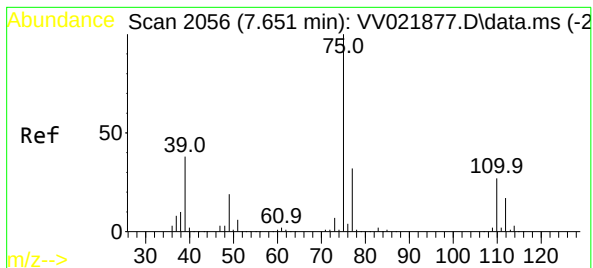
Tgt Ion: 78 Resp: 496059



#42
Toluene
Concen: 101.347 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

Tgt Ion: 91 Resp: 1479496
Ion Ratio Lower Upper
91 100
92 57.8 40.1 74.5



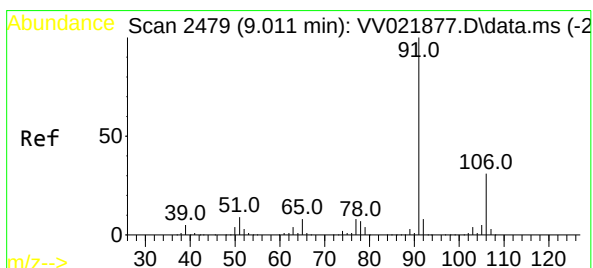
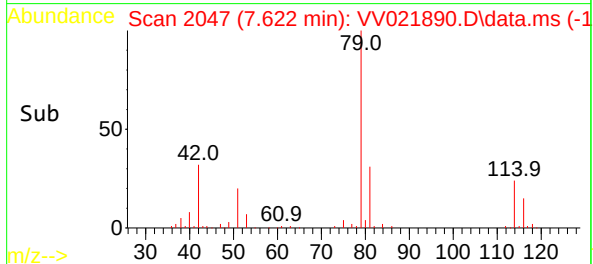
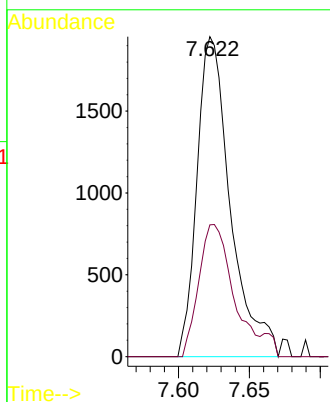
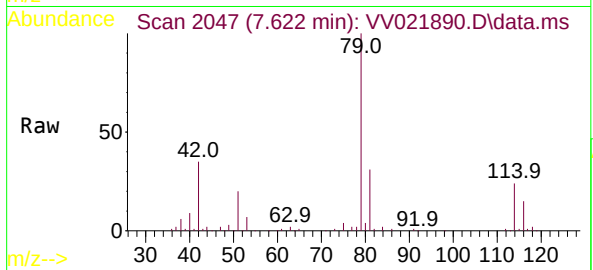


#44

trans-1,3-Dichloropropene
Concen: 0.620 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

Instrument :
MSVOA_V
ClientSampled :
DBKF9

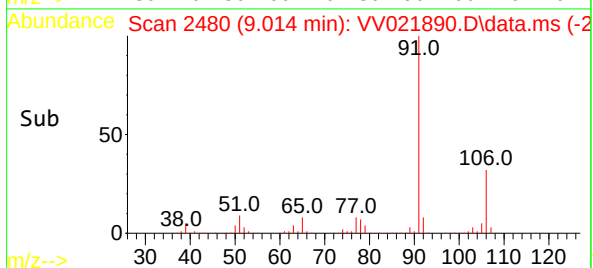
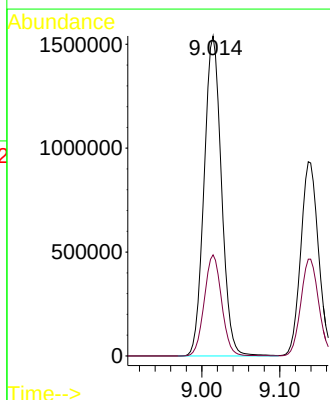
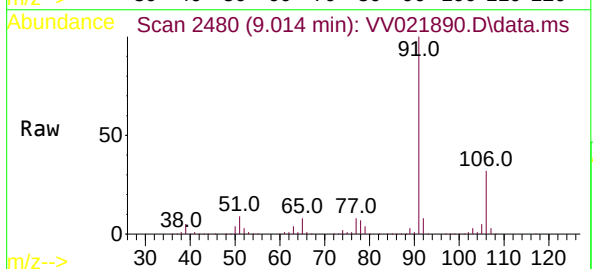
Tgt Ion: 75 Resp: 3201
Ion Ratio Lower Upper
75 100
77 41.2 22.2 41.2

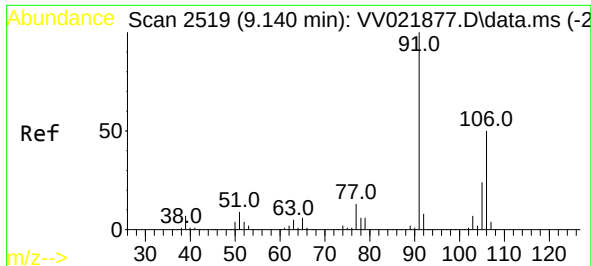


#52

Ethylbenzene
Concen: 152.974 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

Tgt Ion: 91 Resp: 2382447
Ion Ratio Lower Upper
91 100
106 31.6 22.2 41.2

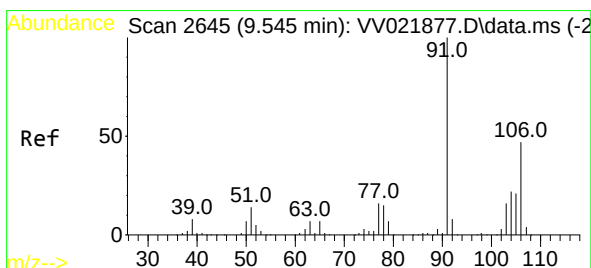
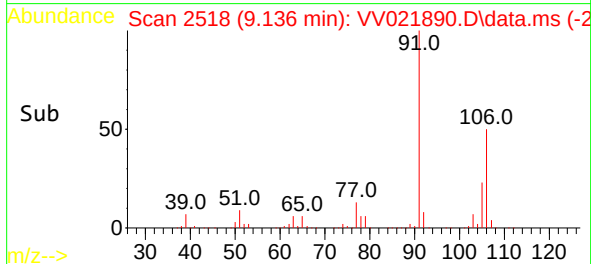
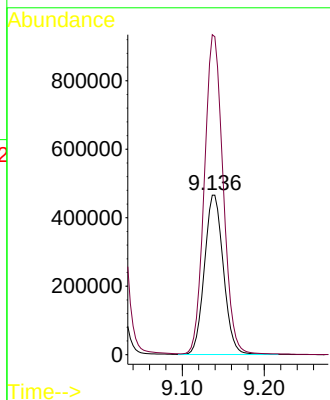
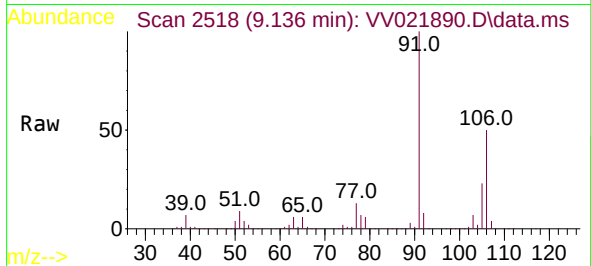




#53
m,p-Xylene
Concen: 123.364 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

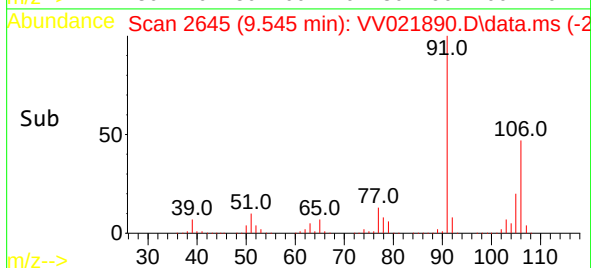
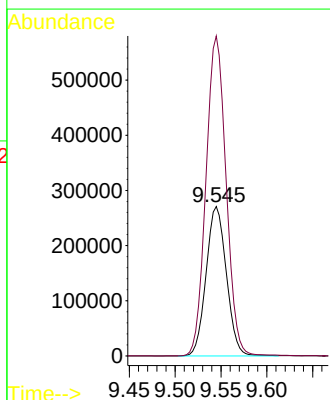
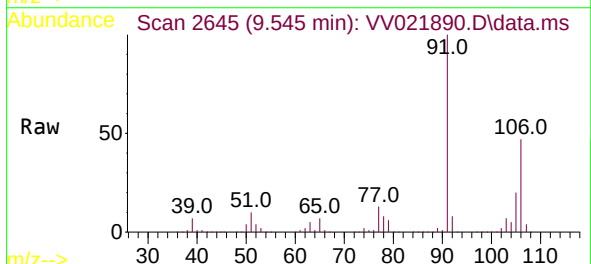
Instrument :
MSVOA_V
ClientSampled :
DBKF9

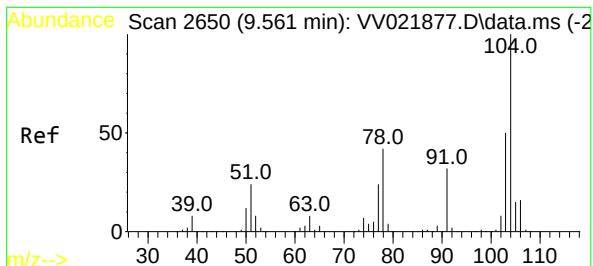
Tgt Ion:106 Resp: 744613
Ion Ratio Lower Upper
106 100
91 200.6 139.2 258.6



#54
o-Xylene
Concen: 69.623 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

Tgt Ion:106 Resp: 416555
Ion Ratio Lower Upper
106 100
91 214.1 148.1 275.0





#55

Styrene

Concen: 13.258 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021890.D

Acq: 19 Aug 2021 14:47

Tgt Ion:104 Resp: 132834

Ion Ratio Lower Upper

104 100

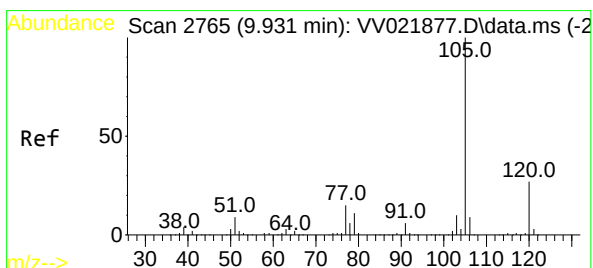
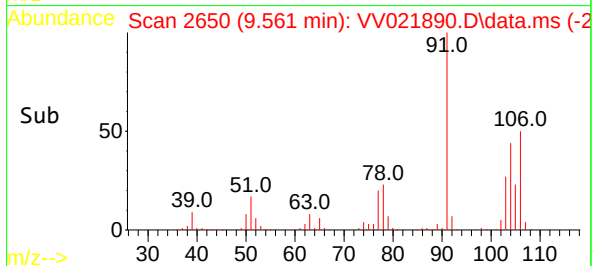
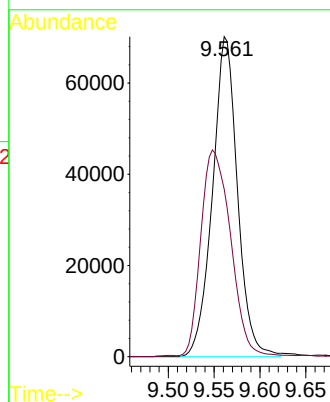
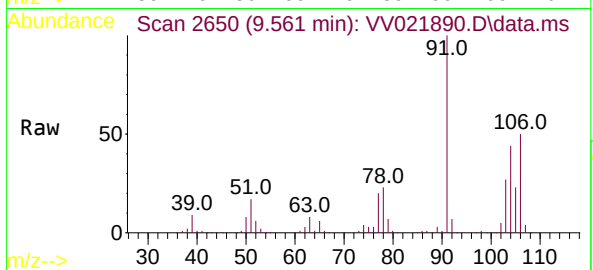
78 52.3 30.2 56.2

Instrument :

MSVOA_V

ClientSampleId :

DBKF9



#60

Isopropylbenzene

Concen: 4.125 ug/L

RT: 9.934 min Scan# 2766

Delta R.T. 0.003 min

Lab File: VV021890.D

Acq: 19 Aug 2021 14:47

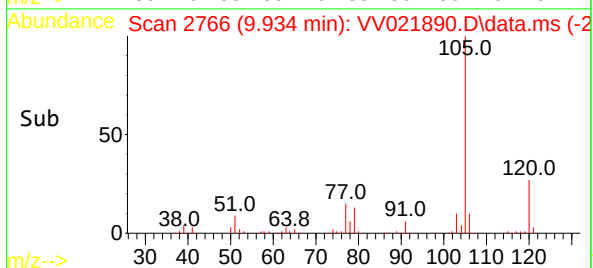
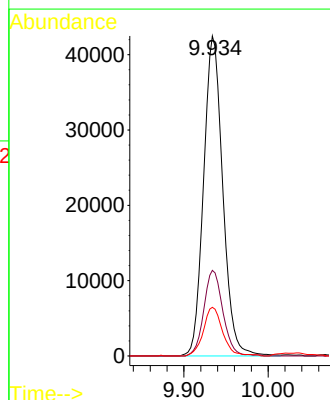
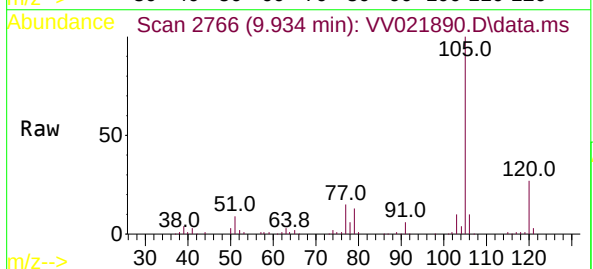
Tgt Ion:105 Resp: 67392

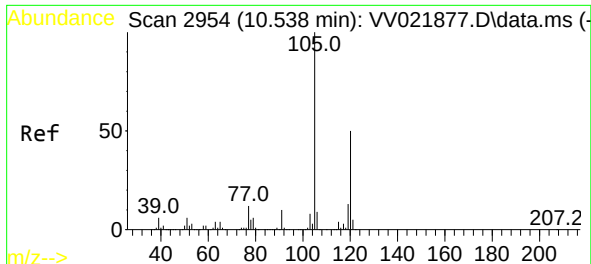
Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.1 11.8 17.8

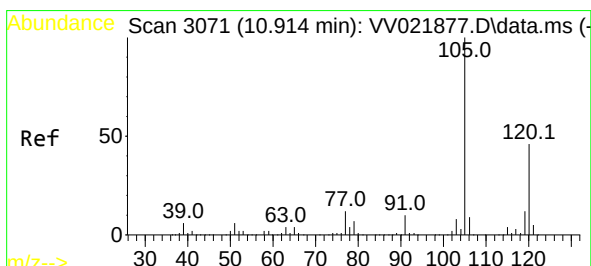
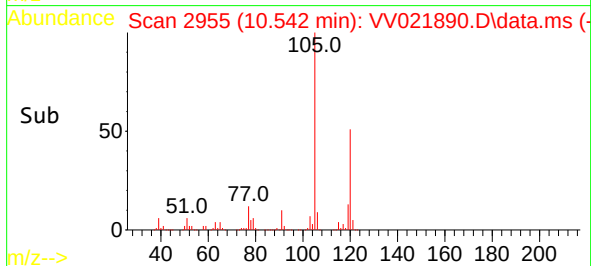
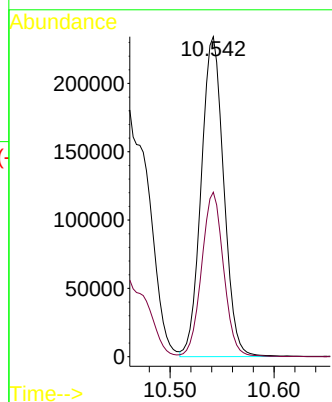
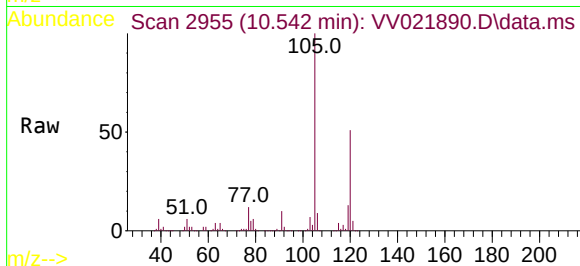




#62
1,3,5-Trimethylbenzene
Concen: 25.715 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

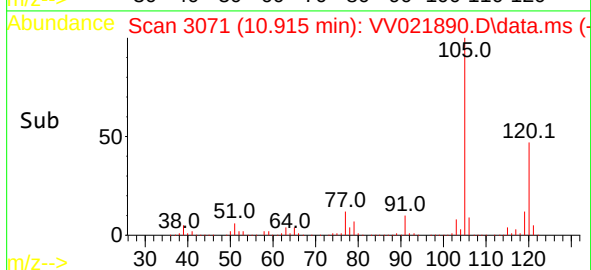
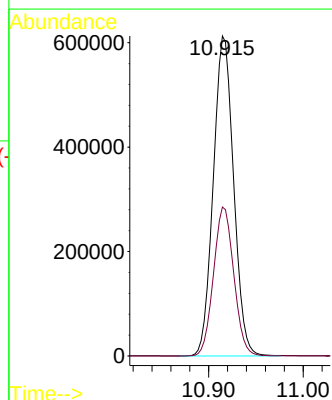
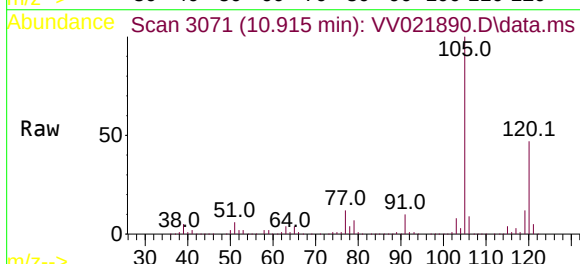
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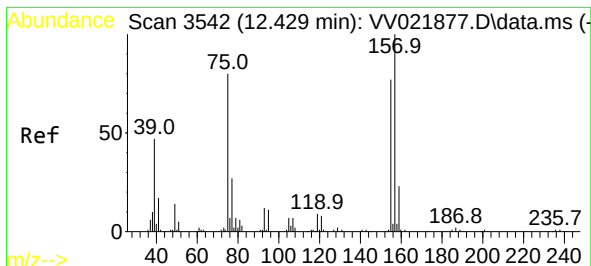
Tgt Ion:105 Resp: 352556
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 65.639 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

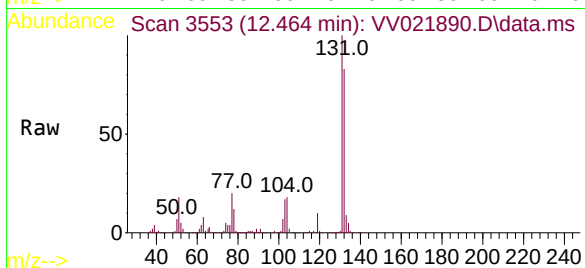
Tgt Ion:105 Resp: 914996
Ion Ratio Lower Upper
105 100
120 46.5 37.3 55.9





#68
1,2-Dibromo-3-chloropropane
Concen: 45.883 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.035 min
Lab File: VV021890.D
Acq: 19 Aug 2021 14:47

Instrument :
MSVOA_V
ClientSampleId :
DBKF9



Tgt Ion: 75 Resp: 50237
Ion Ratio Lower Upper
75 100
155 0.0 77.8 116.8#
157 0.0 99.4 149.0#

