

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021881.D
 Acq On : 19 Aug 2021 11:12
 Operator : SY/MD
 Sample : M3422-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKB0

Quant Time: Aug 20 02:16:09 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)

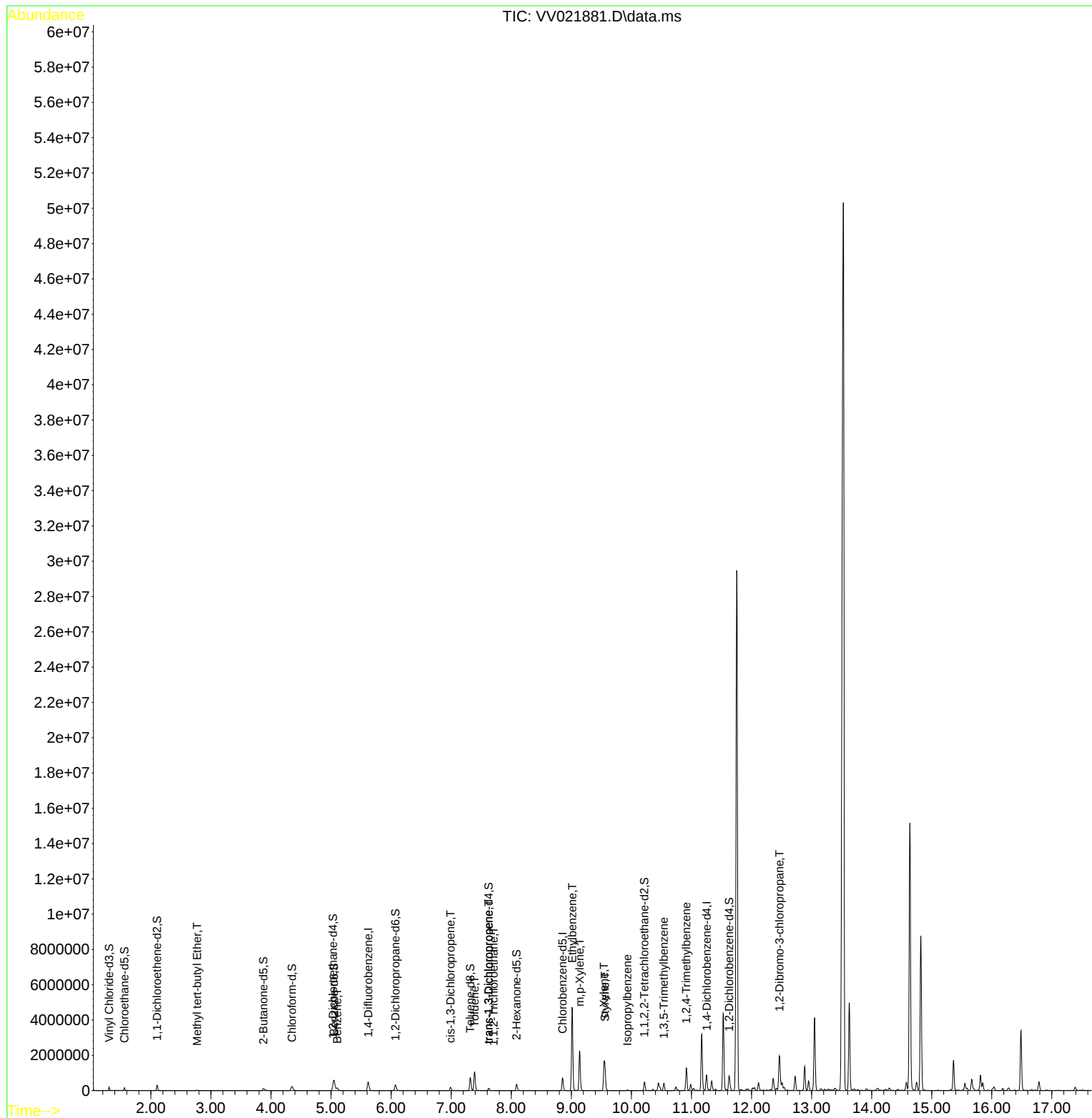
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	452269	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	423718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	236359	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127520	36.067	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.140%		
7) Chloroethane-d5	1.561	69	104559	39.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.380%		
11) 1,1-Dichloroethene-d2	2.105	63	155836	27.689	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.380%#		
21) 2-Butanone-d5	3.873	46	194431	88.419	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.420%		
24) Chloroform-d	4.349	84	251210	41.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.020%		
26) 1,2-Dichloroethane-d4	5.034	65	152800	43.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.720%		
32) Benzene-d6	5.050	84	530566	43.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.080%		
36) 1,2-Dichloropropane-d6	6.072	67	164219	43.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.560%		
41) Toluene-d8	7.317	98	499902	44.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.780%		
43) trans-1,3-Dichloroprop...	7.625	79	77660	41.587	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.180%		
47) 2-Hexanone-d5	8.088	63	135585	109.025	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.020%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	234946	49.966	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.940%		
66) 1,2-Dichlorobenzene-d4	11.628	152	210763	43.087	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.180%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	30523	3.164	ug/L	98
33) Benzene	5.101	78	152341	11.683	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	4553	0.871	ug/L #	62
42) Toluene	7.391	91	795223	57.103	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	3253	0.660	ug/L	84
45) 1,1,2-Trichloroethane	7.706	97	3438	1.039	ug/L #	15
52) Ethylbenzene	9.014	91	3278236	220.650	ug/L	100
53) m,p-Xylene	9.140	106	646046	112.199	ug/L	99
54) o-Xylene	9.545	106	381583	66.855	ug/L	99
55) Styrene	9.561	104	488308	51.090	ug/L	98
60) Isopropylbenzene	9.934	105	28477	1.797	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	221466	16.654	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	704895	52.134	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.464	75	37952	35.737	ug/L #	1

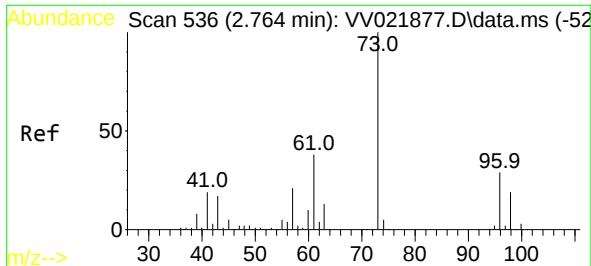
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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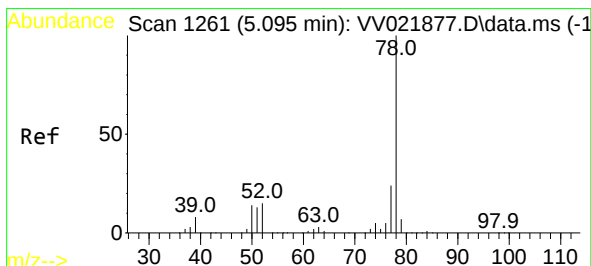
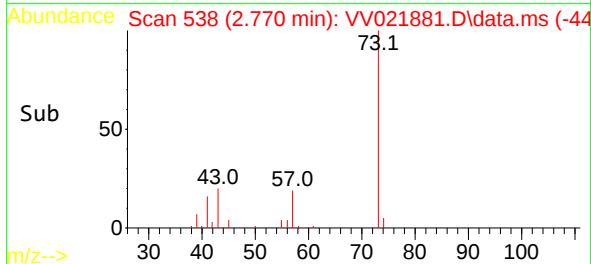
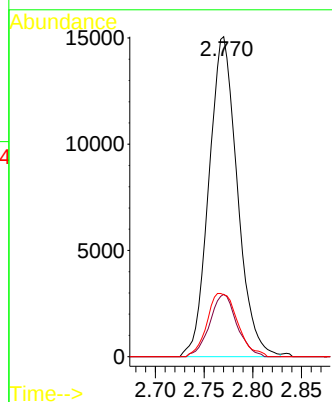
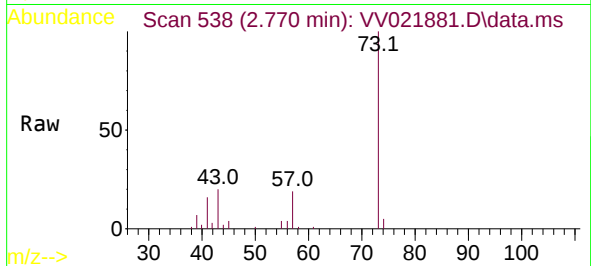




#18
Methyl tert-butyl Ether
Concen: 3.164 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

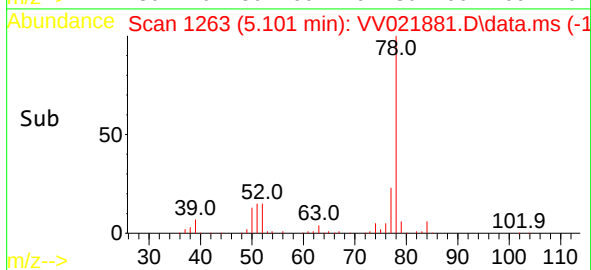
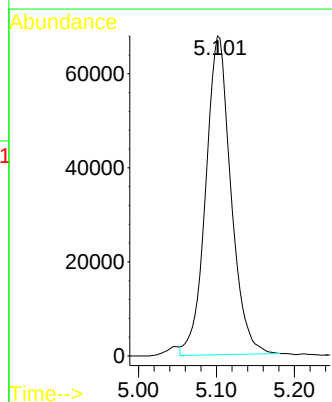
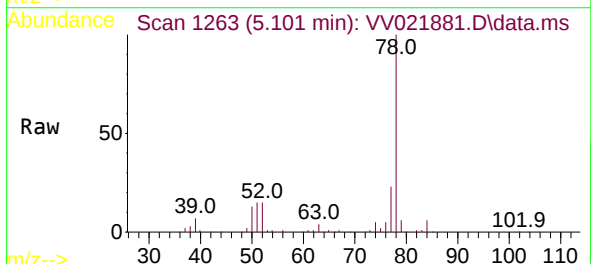
Instrument :
MSVOA_V
ClientSampleId :
DBKB0

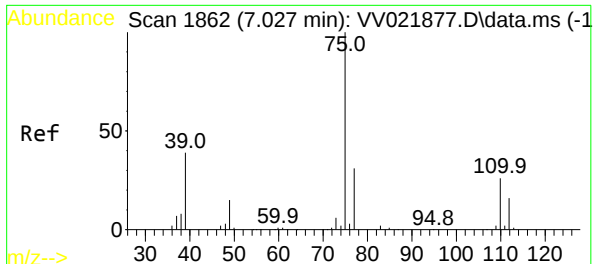
Tgt Ion: 73 Resp: 30523
Ion Ratio Lower Upper
73 100
43 18.7 14.2 21.4
57 21.3 17.7 26.5



#33
Benzene
Concen: 11.683 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Tgt Ion: 78 Resp: 152341

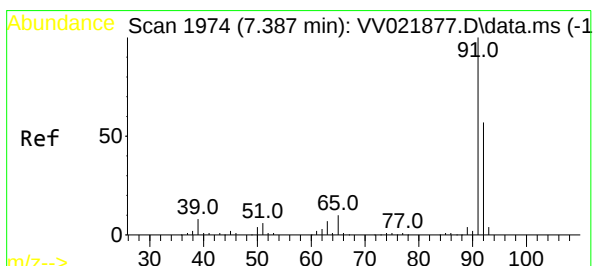
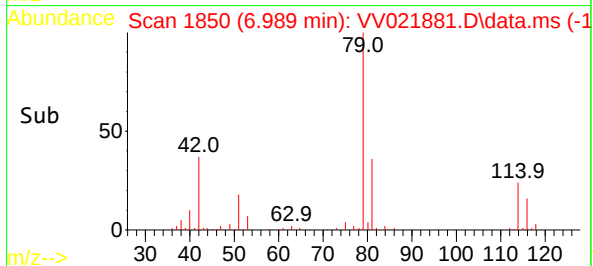
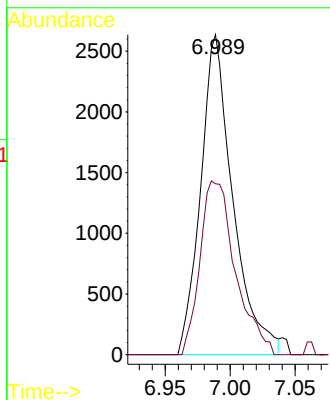
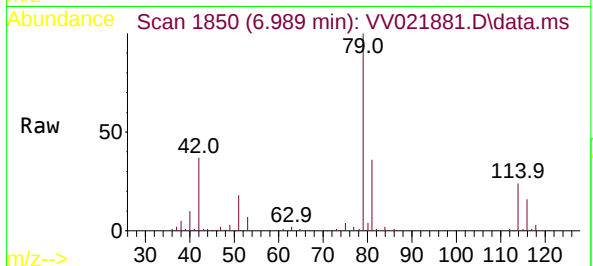




#39
cis-1,3-Dichloropropene
Concen: 0.871 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

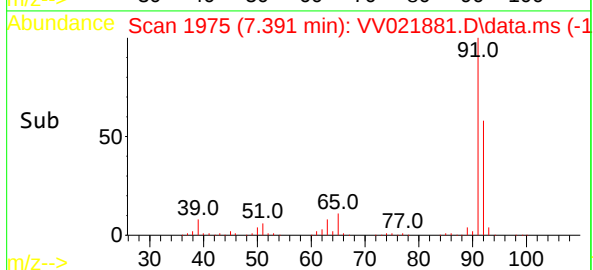
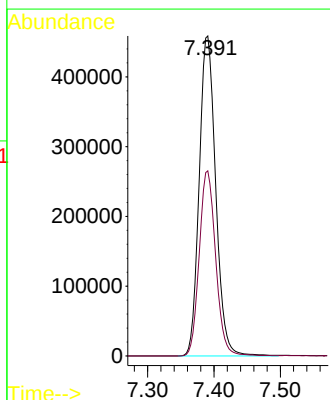
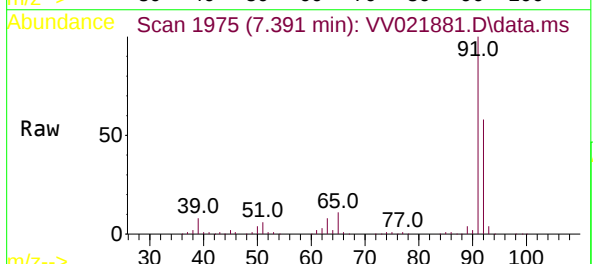
Instrument :
MSVOA_V
ClientSampleId :
DBKB0

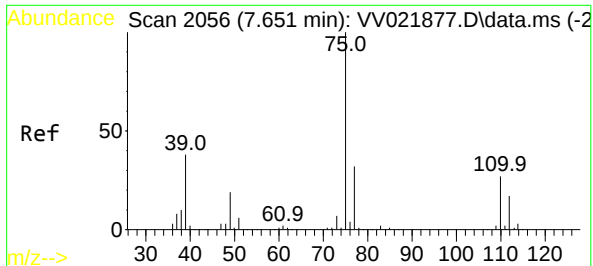
Tgt Ion: 75 Resp: 4553
Ion Ratio Lower Upper
75 100
77 53.4 22.5 41.9#



#42
Toluene
Concen: 57.103 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Tgt Ion: 91 Resp: 795223
Ion Ratio Lower Upper
91 100
92 57.9 40.1 74.5

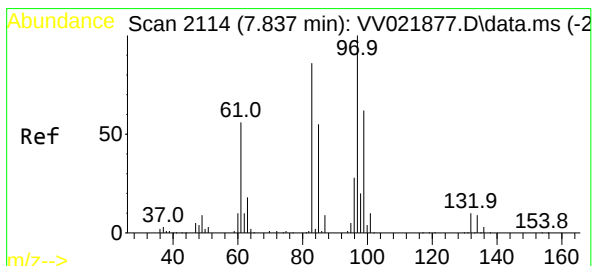
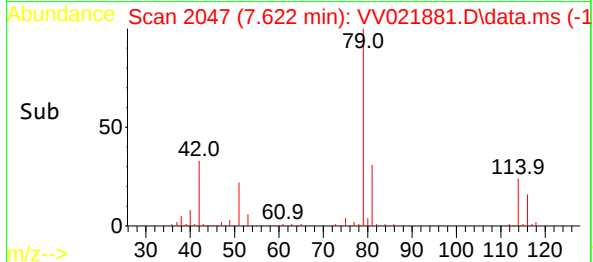
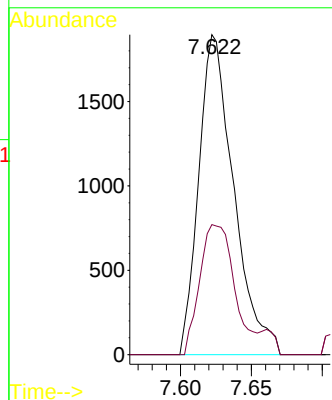
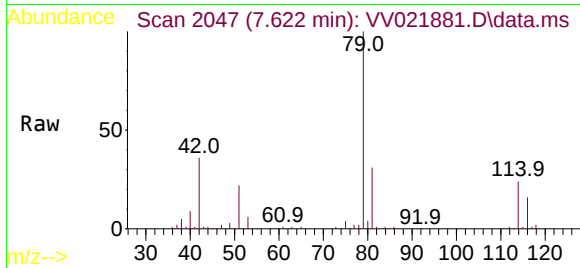




#44
trans-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

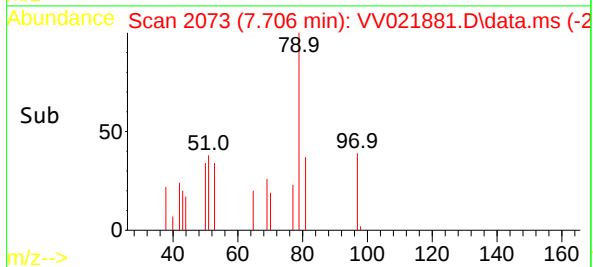
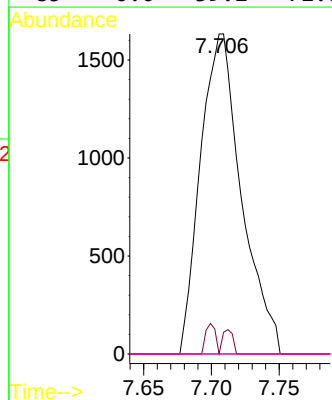
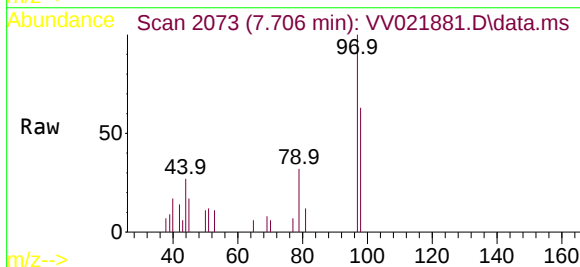
Instrument :
MSVOA_V
ClientSampleId :
DBKB0

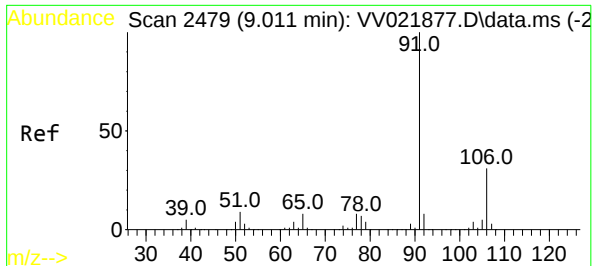
Tgt Ion: 75 Resp: 3253
Ion Ratio Lower Upper
75 100
77 40.7 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 1.039 ug/L
RT: 7.706 min Scan# 2073
Delta R.T. -0.132 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Tgt Ion: 97 Resp: 3438
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.0#
83 0.0 59.2 110.0#
85 0.0 39.2 72.8#





#52

Ethylbenzene

Concen: 220.650 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021881.D

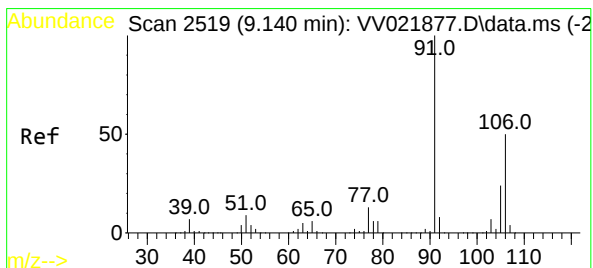
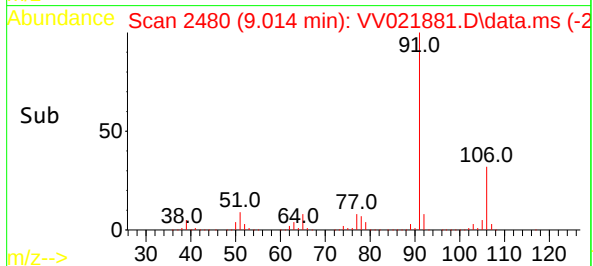
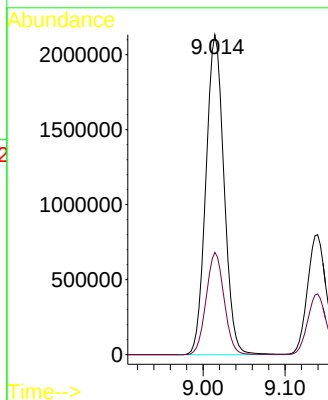
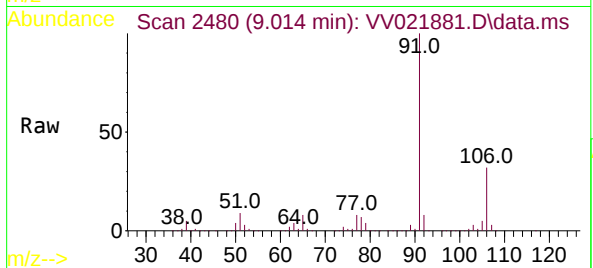
Acq: 19 Aug 2021 11:12

Tgt Ion: 91 Resp: 3278236

Ion Ratio Lower Upper

91 100

106 31.9 22.2 41.2



#53

m,p-Xylene

Concen: 112.199 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021881.D

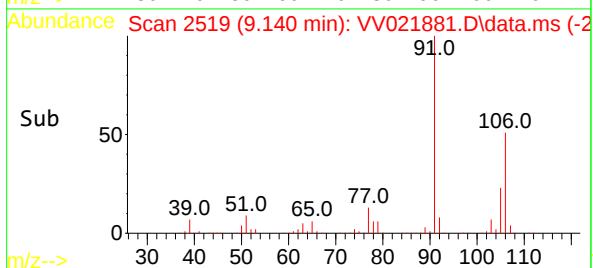
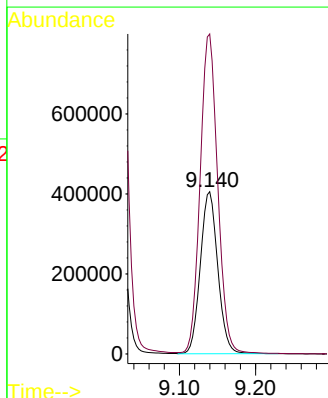
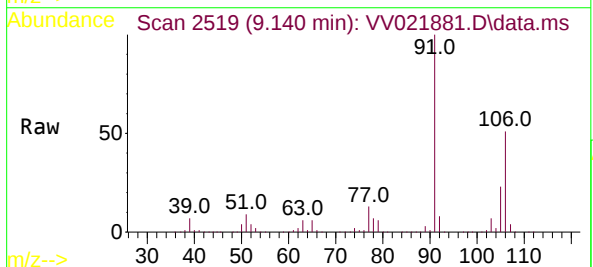
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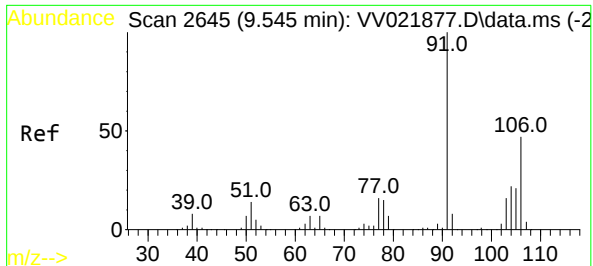
Tgt Ion: 106 Resp: 646046

Ion Ratio Lower Upper

106 100

91 197.2 139.2 258.6

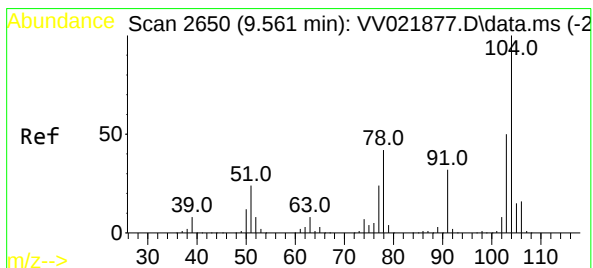
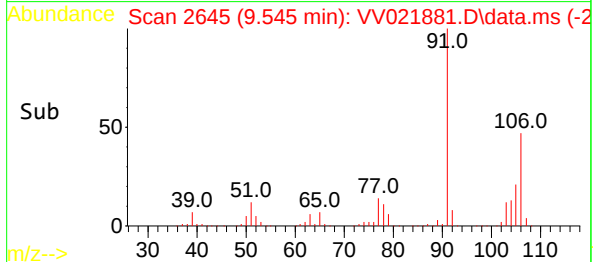
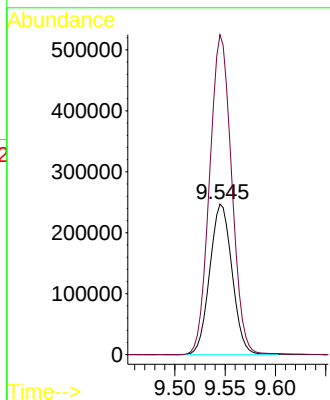
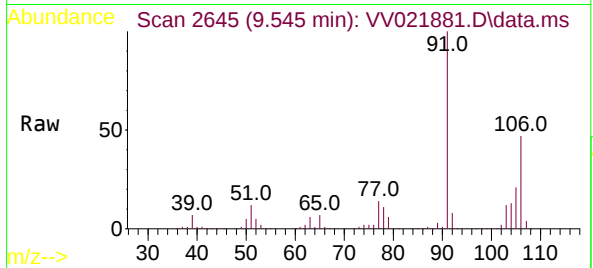




#54
o-Xylene
Concen: 66.855 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

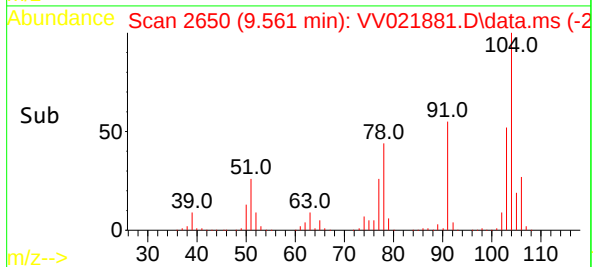
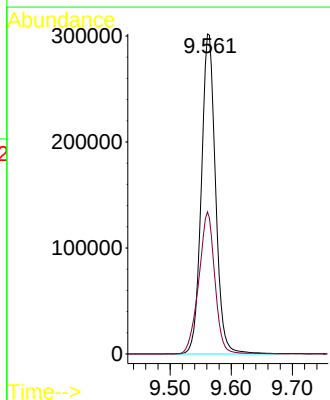
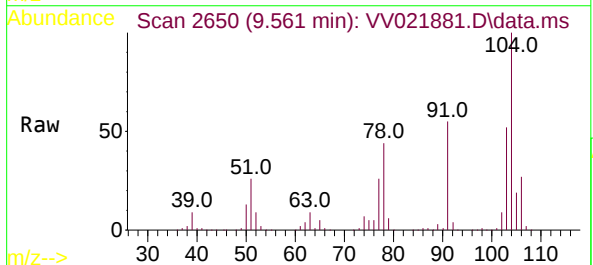
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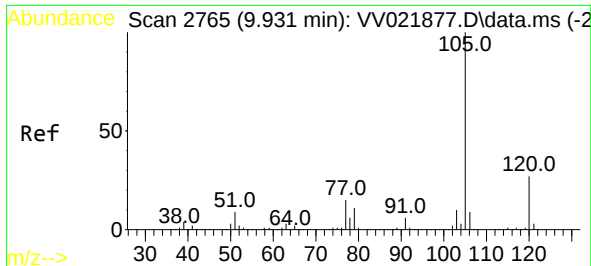
Tgt Ion:106 Resp: 381583
Ion Ratio Lower Upper
106 100
91 212.5 148.1 275.0



#55
Styrene
Concen: 51.090 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Tgt Ion:104 Resp: 488308
Ion Ratio Lower Upper
104 100
78 44.4 30.2 56.2

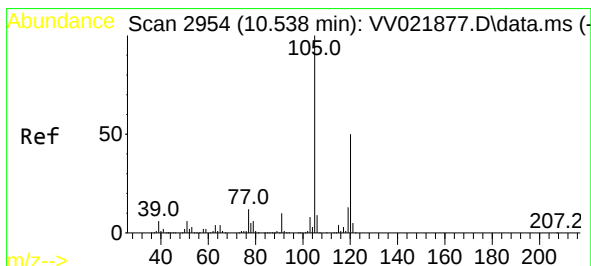
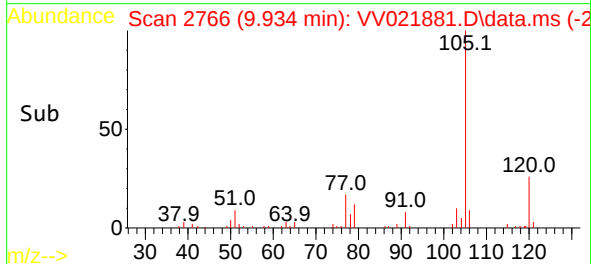
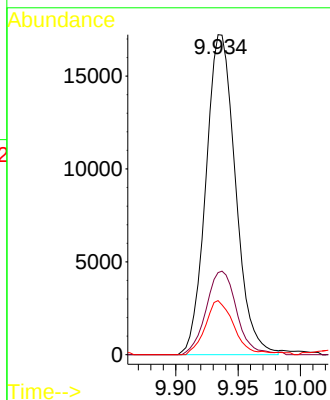
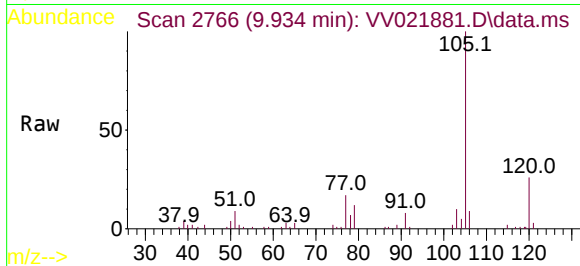




#60
Isopropylbenzene
Concen: 1.797 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

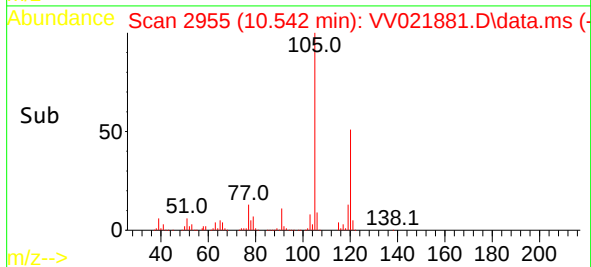
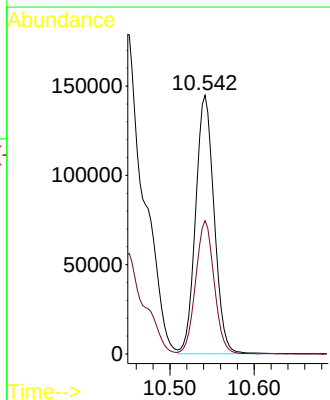
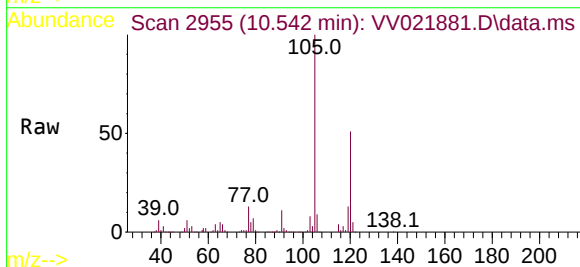
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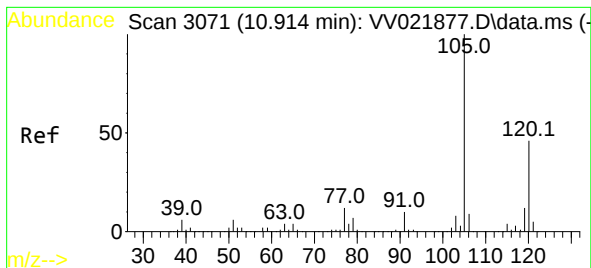
Tgt Ion:	105	Resp:	28477
Ion Ratio	Lower	Upper	
105	100		
120	26.8	21.3	31.9
77	15.9	11.8	17.8



#62
1,3,5-Trimethylbenzene
Concen: 16.654 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Tgt Ion:	105	Resp:	221466
Ion Ratio	Lower	Upper	
105	100		
120	51.1	40.2	60.4

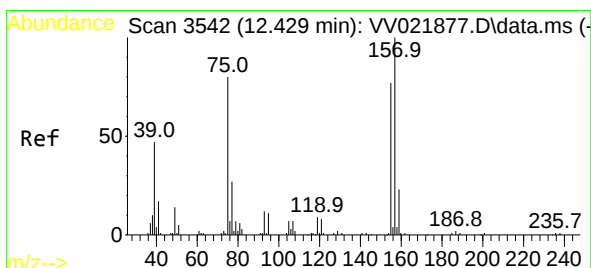
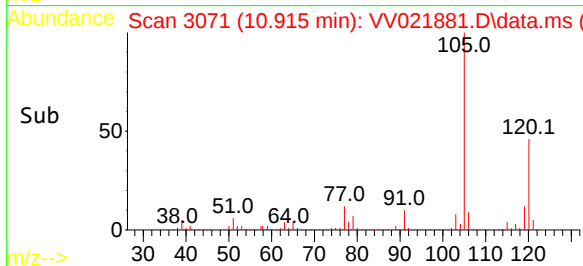
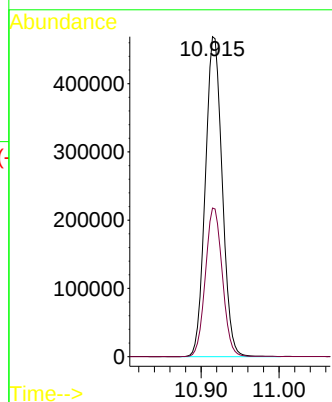
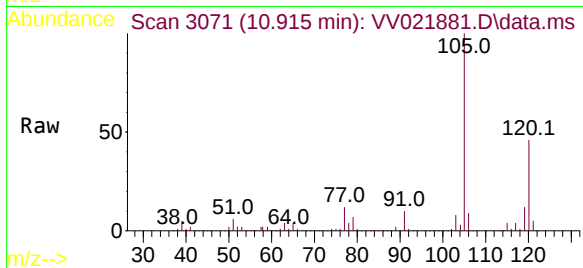




#63
1,2,4-Trimethylbenzene
Concen: 52.134 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Instrument :
MSVOA_V
ClientSampled :
DBKB0

Tgt Ion:105 Resp: 704895
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9



#68
1,2-Dibromo-3-chloropropane
Concen: 35.737 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.036 min
Lab File: VV021881.D
Acq: 19 Aug 2021 11:12

Tgt Ion: 75 Resp: 37952
Ion Ratio Lower Upper
75 100
155 0.0 77.8 116.8#
157 0.0 99.4 149.0#

